

## 德国康普曼研发、制造、服务基地



德国Dortmund市制造大型齿轮基地



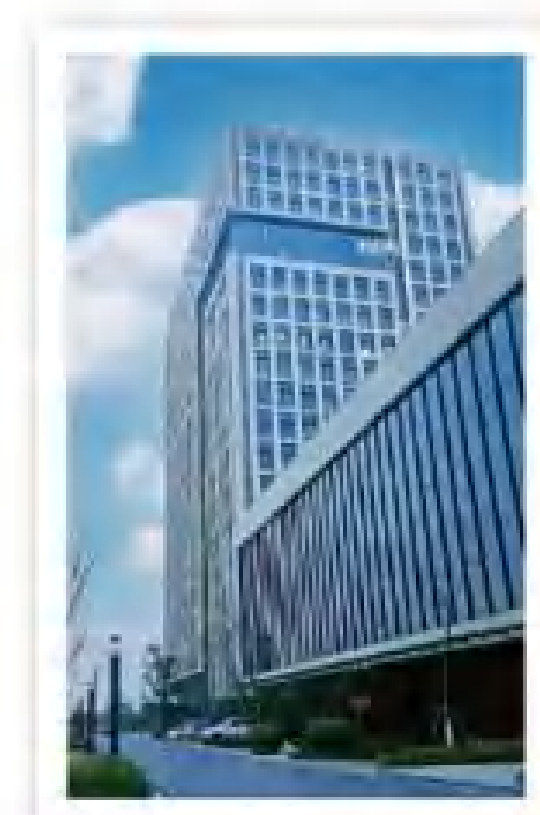
德国Warstein市制造高强紧固件总部

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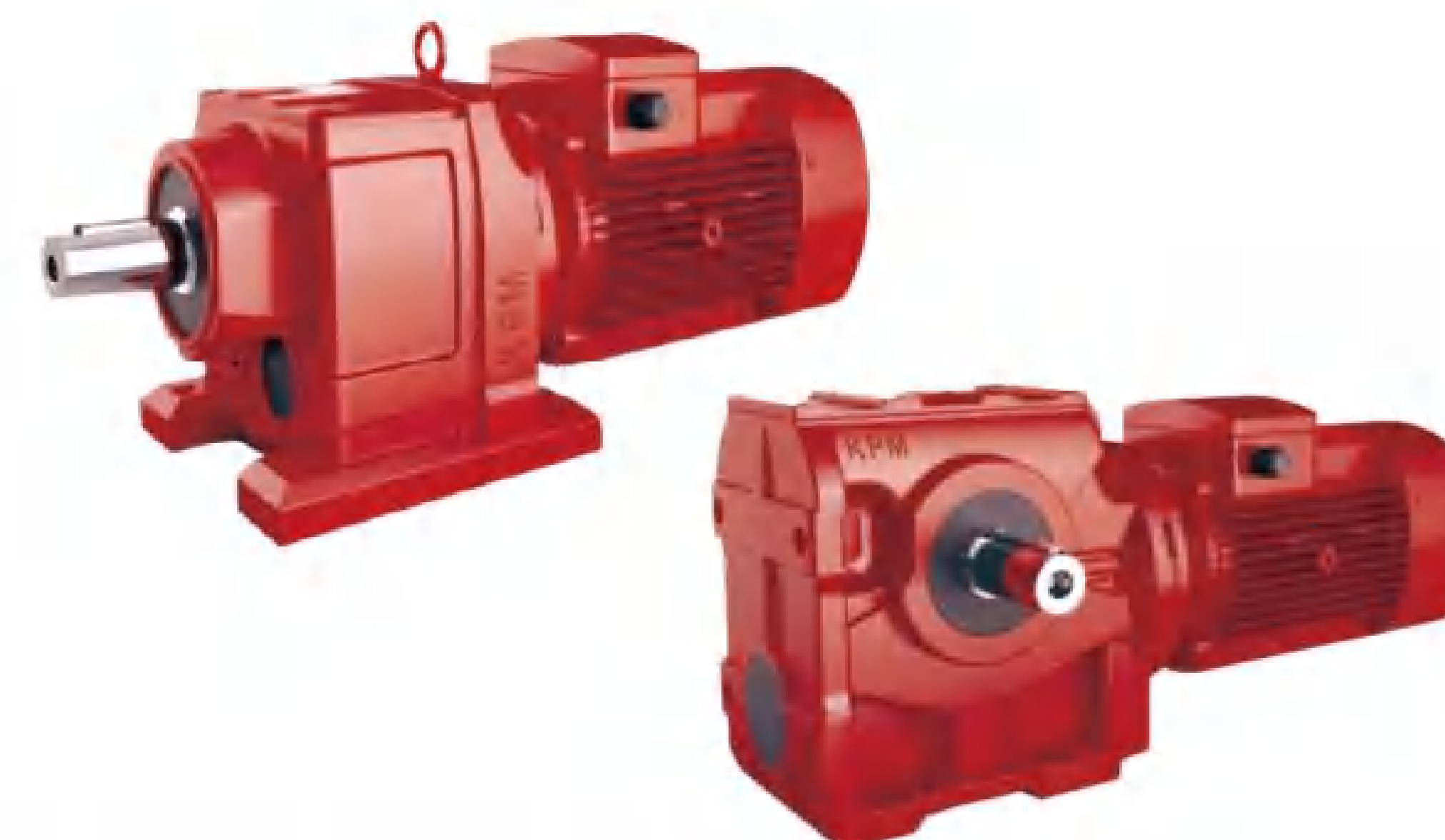
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## KPM服务中国 (部分合作客户)

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Expert in power transmission for more than 60 years  
60 多年专注于动力传动系统解决方案和客户服务



Gearmotors  
齿轮减速电机

**M2C**  
Made to Customer  
为用户专业订制



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1. Company Profile

Founded in 1926, the family owned Kampmann & Scheuß company specializing in the manufacture of industry container, tools and racks is located in Dortmund, Germany. Since the late 1950s, the company has been committed to the development, manufacturing and service of power transmission systems. It has always been a leader in the European industry, providing reliable and efficient power transmission system solutions for industrial users around the world.

KPM drives are designed and manufactured in strict accordance to the DIN standard and are calculated, designed, simulated, analyzed and verified by the advanced software system (KISSSOFT & IMOS).

Since entry into China, KPM has been in an absolute market position in the fields of engineering machinery, coal mining, shield tunneling, nuclear power, power plants and other heavy industries with its high-quality products and rapid response to the market. At present, with the progress of industrialization in China's economy, KPM gear motors have been widely used in e-commerce logistics, food and beverage, industrial automation, industrial fans, fans and pumps.

With the shift of the focus of the European industry chain to the Asia-Pacific region, KPM drives will increase investment in the Chinese market, and set up a manufacturing base to produce and assemble various gear motors of the same quality as the German KPM gear motors according to German standards. Through product optimization, we ensure that the products are completely interchangeable with mainstream imported brands in terms of installation dimensions and interfaces. Through highly modular component assembly, processing and 100% real-time online inspection, we can ensure high supply in the face of Chinese users. At the same time as quality German products, the industry advantage of fast delivery.

1. 公司简介

起源创立于1926年的Kampmann & Scheuß家族企业，位于德国多特蒙德市，专业制造大型工业容器、工装设备、工业用齿条。自上世纪50年代末开始致力于动力传动设备的研发、制造及服务，一直处于欧洲地区行业领先地位，为全球的工业用户提供可靠、高效的动力传动系统解决方案。康普曼品牌KPM传动严格遵循德国DIN标准设计和制造齿轮并通过先进软件系统(KISSSOFT & IMOS)进行齿形计算、设计、模拟、分析和验证。

KPM传动进入中国以来，凭借高品质的产品和快速响应市场的能力已在工程机械、煤炭开采、盾构掘进、核电、电厂等重工领域处于绝对市场优势地位。目前随着中国经济领域的工业化进展，KPM齿轮马达已广泛应用于电商物流、食品饮料、工业自动化、工业风扇、风机水泵等领域。

随着欧洲产业链重心向亚太区域的转移KPM传动加大对中国市场投资，组建生产基地，按照德国标准生产、组装与欧洲KPM传动品质一致的各类减速电机，并通过产品优化，确保产品在安装尺寸、接口等方面与主流进口品牌完全互换，通过高度模块化的零部件组合、加工及100% 实时在线检测，确保在面对中国用户时能提供高品质德国产品的同时，实现快速交付的行业优势。



## 2. 产品简介 Products Guide

KH 斜齿轮减速电机 H Helical Geared Motor



**KH KHX KHF KHXF**

KS 平行轴—斜齿轮减速电机 S Parallel Shaft-Helical Geared Motor



**KS KSA KSF KSAF**

KB 斜齿轮—伞齿轮减速电机 B Helical-Bevel Geared Motor



**KB KBA KBF KBAF**

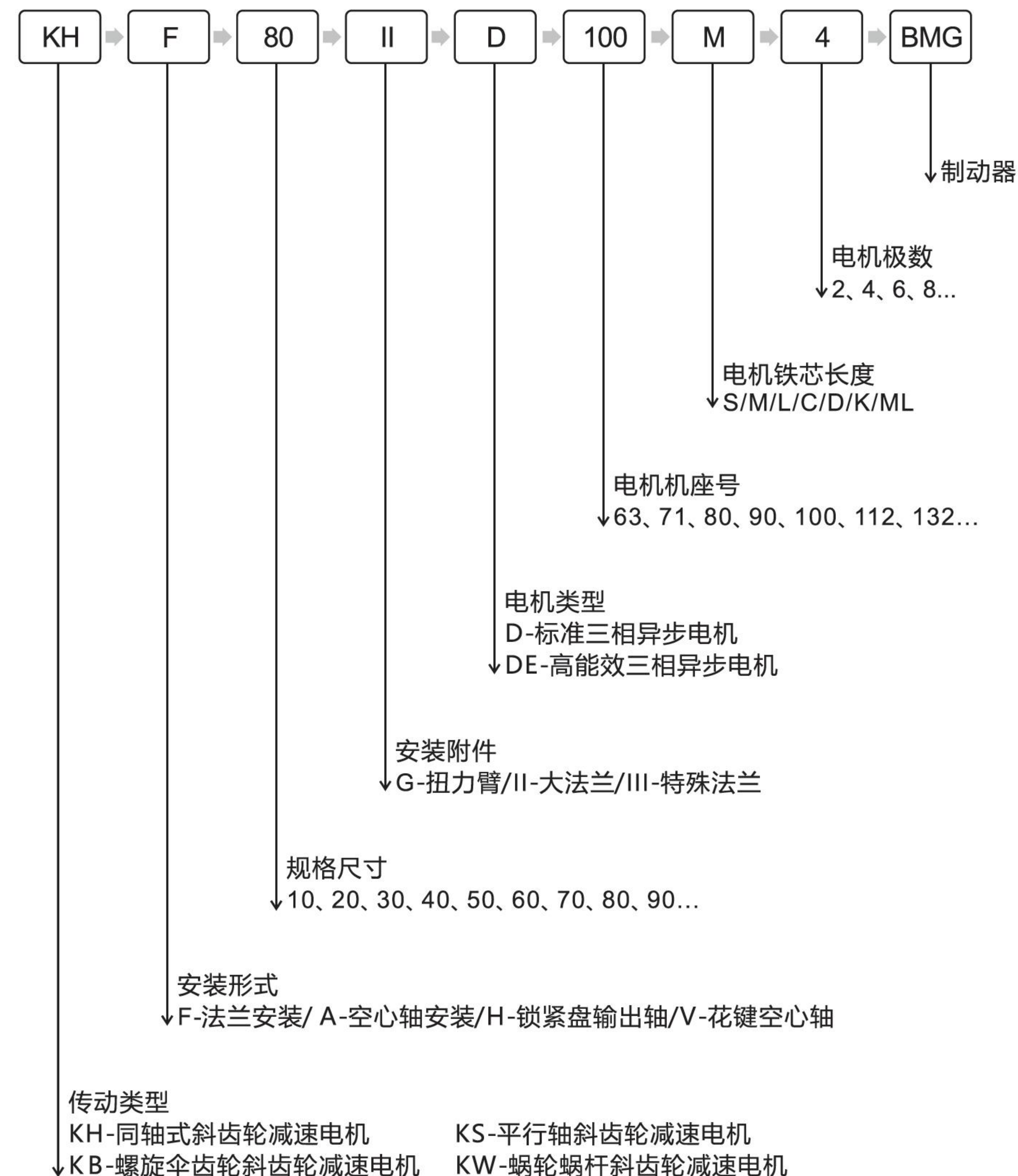
KW 斜齿轮—蜗轮蜗杆减速电机 W Helical-Worm Geared Motor



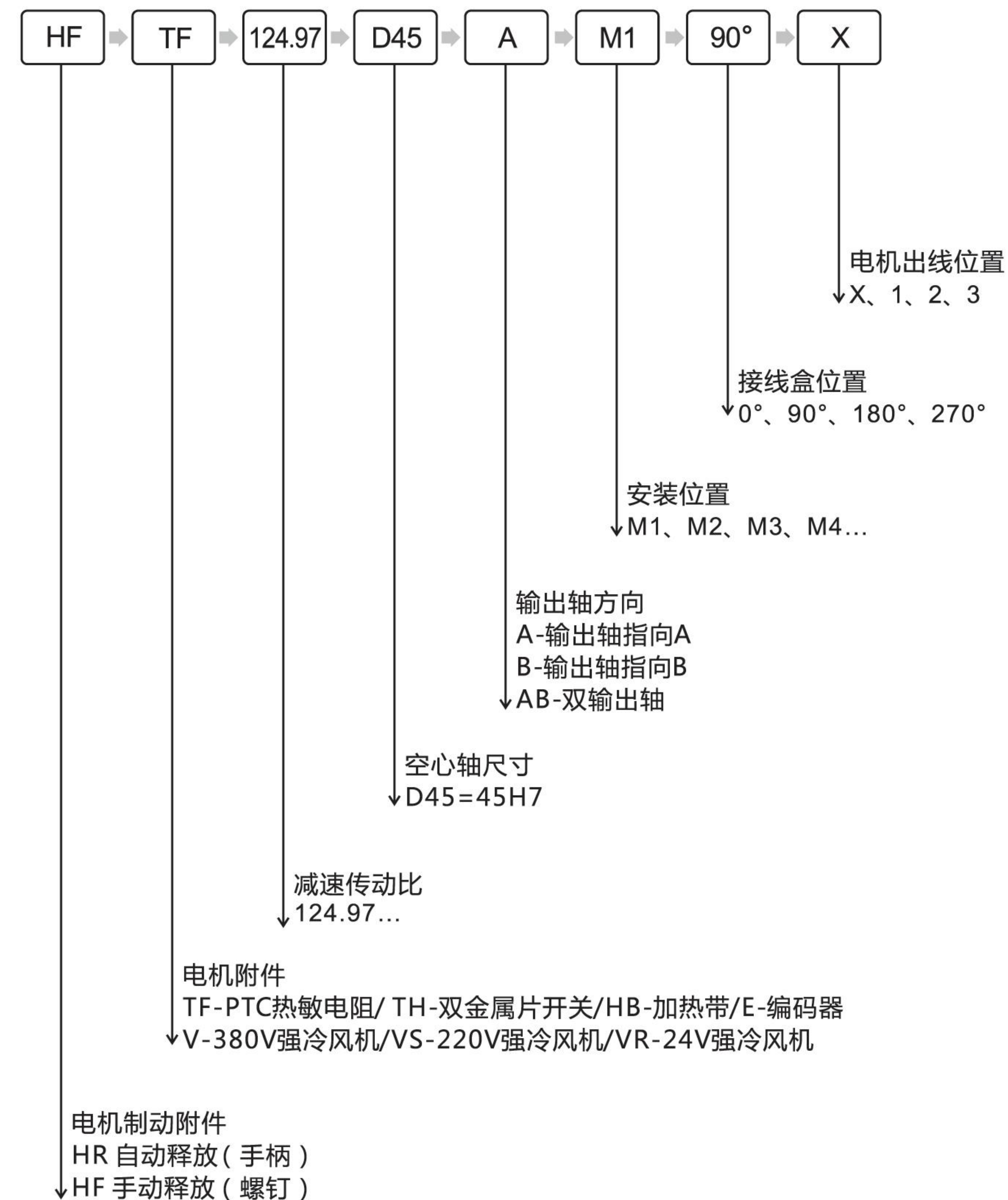
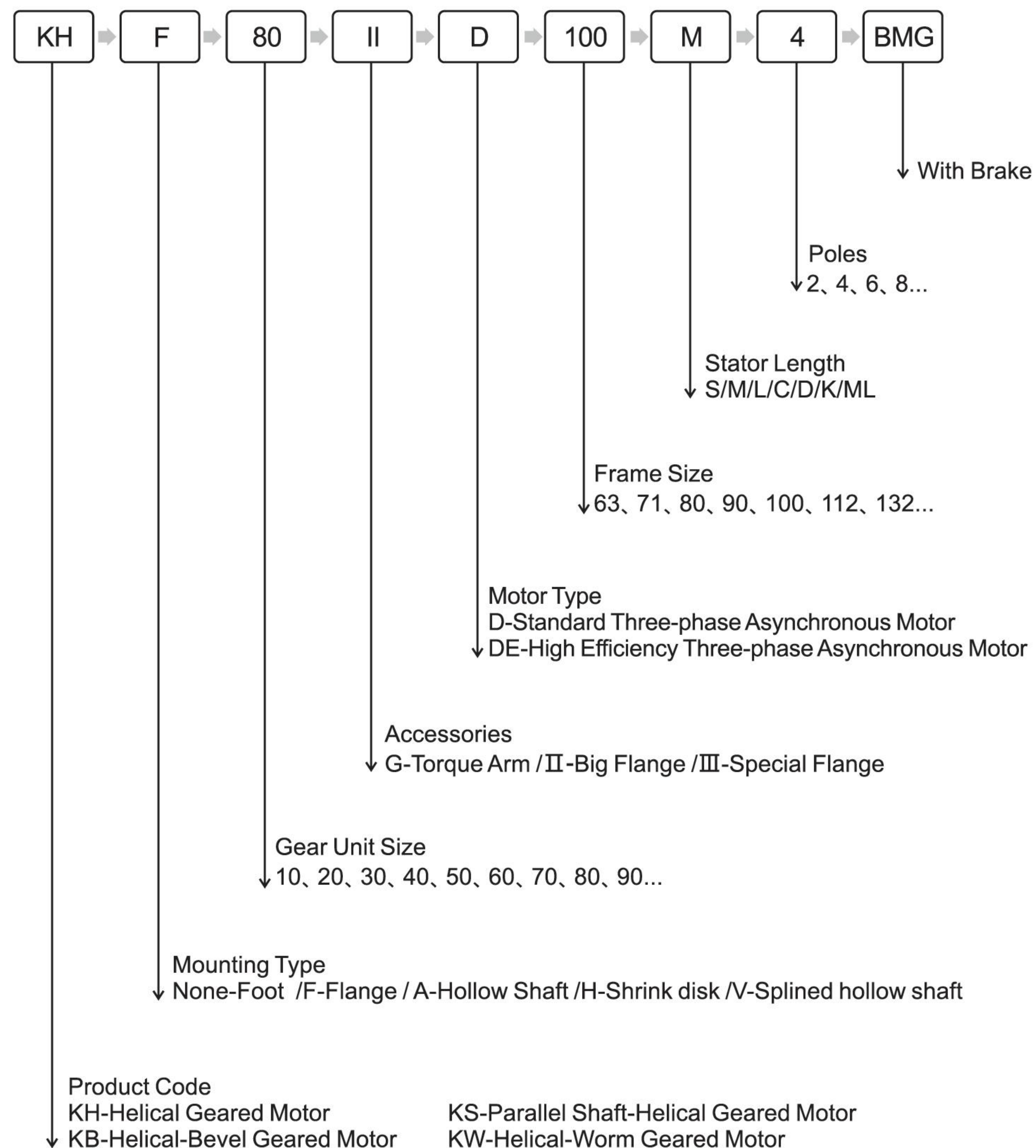
**KW KWA KWF KWAF**

## 3. 订货编号 Order Number

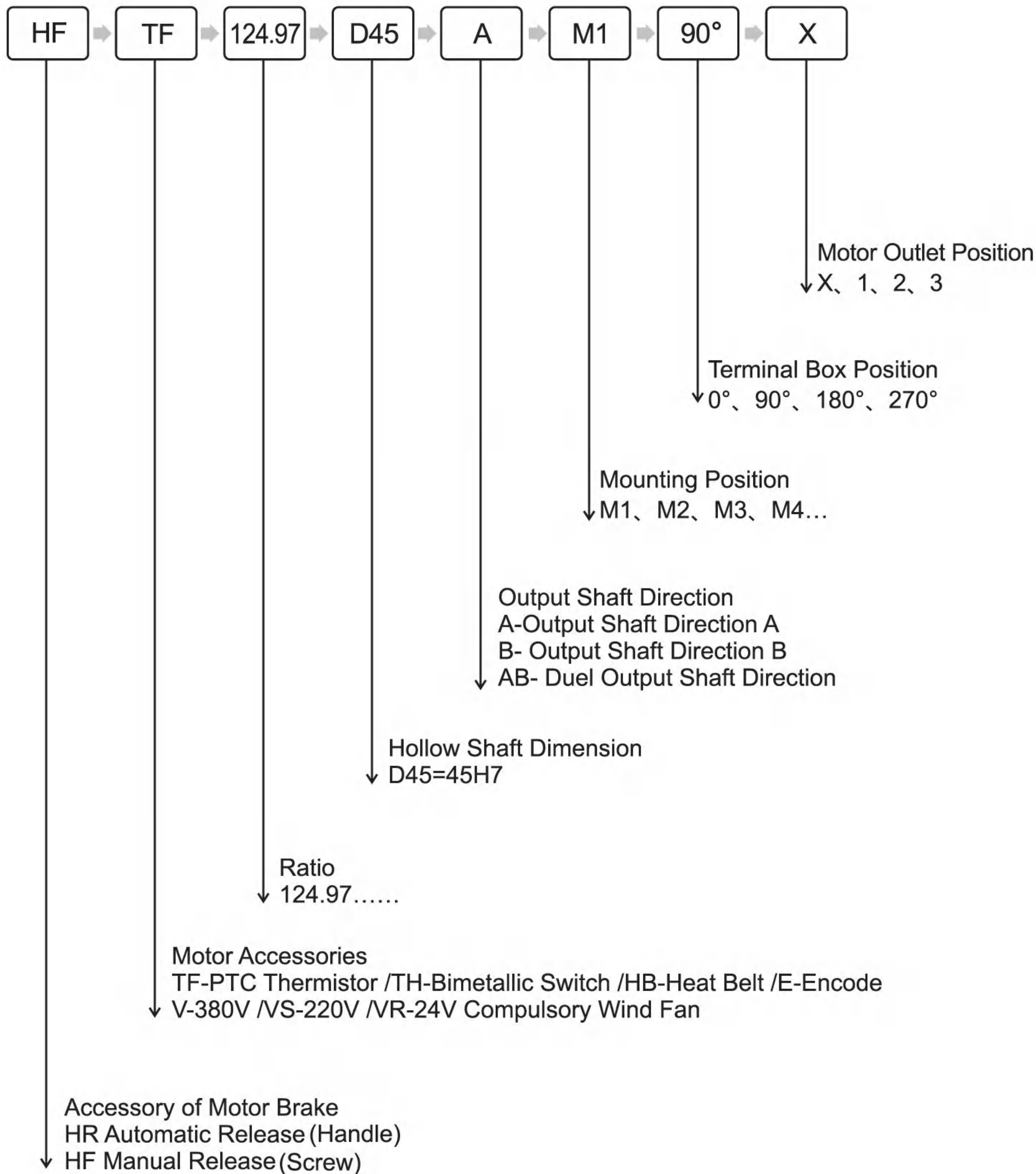
### 3.1 减速机符号说明 Reducer Model Introduction











3.2 减速机和减速制动电机供货型号  
3.2 Type of gear motor and gear motor with brake

KH, KS, KB, KW

减速机

Gear motor

下表列出了可提供的斜齿轮(KH)、平行轴(KS)、斜齿轮-伞齿轮(KB)和斜齿轮-蜗轮蜗杆(KW)减速机型号。

There are the types of helical(KH), parallel shaft helical(KS), helical-bevel(KB) and helical-worm(KW)geared motors. We supplied in the table.

| 型号 Model                                                           | 减速机                    |                               |                                  |                                  |
|--------------------------------------------------------------------|------------------------|-------------------------------|----------------------------------|----------------------------------|
|                                                                    | 斜齿轮<br>(KH)<br>Helical | 平行轴<br>(KS)<br>Parallel shaft | 斜齿轮-伞齿轮<br>(KB)<br>Helical bevel | 斜齿轮-蜗轮蜗杆<br>(KW)<br>Helical worm |
| 地脚安装 Foot mounted                                                  | •                      | •                             | •                                | •                                |
| B5法兰安装 B5 flange mounted                                           | •                      | •                             | •                                | •                                |
| 地脚/B5法兰安装 Foot/B5 flange mounted                                   | • 2)                   | •                             | • 3)                             | -                                |
| 带键空心轴安装 Hollow shaft mounted                                       | -                      | •                             | • 1)                             | • 1)                             |
| 带锁紧盘空心轴安装 Hollow shaft with shrink disk                            | -                      | •                             | • 1)                             | • 1)                             |
| 带花键空心轴安装 Splined hollow shaft mounted                              | -                      | •                             | • 1)                             | -                                |
| 带锁紧盘空心轴安装+地脚安装 Hollow shaft with shrink disk+foot mounted          | -                      | •                             | •                                | -                                |
| 带键空心轴安装+地脚安装 Hollow shaft with Key+foot mounted                    | -                      | •                             | •                                | -                                |
| 带花键空心轴安装+地脚安装 Splined hollow shaft mounted+foot mounted            | -                      | •                             | •                                | -                                |
| 带键空心轴安装+B5法兰安装 Hollow shaft with Key+B5 flange mounted             | -                      | •                             | •                                | •                                |
| 带锁紧盘空心轴安装+B5法兰安装 Hollow shaft with shrink disk+B5 flange mounted   | -                      | •                             | •                                | •                                |
| 带花键空心轴安装+B5法兰安装 Splined hollow shaft mounted+B5 flange mounted     | -                      | •                             | •                                | -                                |
| 带键空心轴安装+B14法兰安装 Hollow shaft with Key+B14 flange mounted           | -                      | •                             | •                                | •                                |
| 带锁紧盘空心轴安装+B14法兰安装 Hollow shaft with shrink disk+B14 flange mounted | -                      | •                             | •                                | •                                |
| 带花键空心轴安装+B14法兰安装 Splined hollow shaft mounted+B14 flange mounted   | -                      | •                             | •                                | -                                |

- 适用于标准型号

— 不可用

1) 也可带力矩臂

2) 仅用于 KH10-KH80

3) 仅用于 KB120-KB150
- The normal type

Can't use

You can use torque arm

Only used by KH10-KH80

Only used by KB120-KB150

多级减速机

Multi-stage gearedmotor

通过多级减速器或多减速电机，可获得特别低的输出转速。就是在输入端安装一个斜齿轮减速机或减速电机作为第二级齿轮箱。此时，要注意根据减速机最大许用的输出扭矩，限制电机功率。

You can achieve the particularly low output speed by using multi-stage geared motor. The method is mounting a helical gear unit as a second gear units on the input end. Notice that restrict the motor power according the maximum permitted output torque.



**制动电机**  
Brake motors

根据需要可以把机械制动与电机及减速机合成一体提供,制动器是由带直流线圈的电磁盘式制动器,通过电磁力打开,弹簧力制动.它的制动原理意味着断电制动,满足了基本安全需要, KPM 制动器如果安装手动释放,可实现机械式释放.手动释放有手柄或平头螺丝两种形式,手柄可自动弹回,平头螺丝可锁在释放位置.制动器通过装在电机接线盒或电气柜的制动控制系统来驱动。

On request, KPM motors and geared motors can be supplied with an integrated mechanical brake. The KPM brake is an electromagnetic disk brake with a DC coil which is released electrically and braked using spring force. The design principle means the brake is applied if the power fails. This means it complies with fundamental safety requirements. The KPM brake can also be released mechanically if fitted with manual brake release. For this purpose, either a hand lever or a setscrew is supplied with the brake. The hand lever springs back automatically and the setscrew can be locked. The brake is activated by a brake control system which is in the wiring switch cabinet.

3.3 减速器及附件的名称  
3.3 Unit designations gear units and options

|                                             |                                                                         |
|---------------------------------------------|-------------------------------------------------------------------------|
| 斜齿轮减速机<br>Helical gear units                |                                                                         |
| KH..                                        | 地脚安装<br>Foot - mounted                                                  |
| KF..                                        | 法兰安装<br>Flange - mounted                                                |
| KH..F                                       | 地脚-法兰安装<br>Foot and flange - mounted                                    |
| KH..M                                       | 带加长轴承箱,法兰安装<br>Flange - mounted with the extended bearing housing       |
| KH..X                                       | 单级地脚安装<br>Single - stage foot - mounted                                 |
| KHXF..                                      | 单级法兰安装<br>Single - stage flange - mounted                               |
| 平行轴减速机<br>Parallel shaft helical gear units |                                                                         |
| KS..                                        | 地脚安装<br>Foot mounted                                                    |
| KSA..B                                      | 地脚安装, 空心轴<br>Flange mounted with hollow shaft                           |
| KSH..B                                      | 地脚安装, 带锁紧盘空心轴<br>Foot mounted with hollow shaft and shrink disk         |
| KSV..B                                      | 地脚安装, 带花键空心轴<br>Foot mounted with hollow shaft and splined hollow shaft |
| KSF..                                       | B5法兰安装<br>B5 flange mounted                                             |
| KSAF..                                      | B5法兰安装, 空心轴<br>B5 flange mounted with hollow shaft                      |
| KSHF..                                      | B5法兰安装, 带锁紧盘空心轴<br>B5 flange mounted with hollow shaft and shrink disk  |
| KSVF..                                      | B5法兰安装, 带花键空心轴<br>B5 flange mounted with splined hollow shaft disk      |
| KSA..                                       | 空心轴安装<br>Hollow shaft mounted                                           |
| KSH..                                       | 带锁紧盘空心轴安装<br>Hollow shaft with shrink disk                              |

|        |                                                                 |
|--------|-----------------------------------------------------------------|
| KSV..  | 带花键空心轴安装<br>Splined hollow shaft mounted                        |
| KSAZ.. | B14法兰安装, 空心轴<br>B14 flange mounted with hollow shaft            |
| KSHZ.. | B14法兰安装, 带锁紧盘空心轴<br>B14 flange mounted with hollow shaft disk   |
| KSVZ.. | B14法兰安装, 带花键空心轴<br>B14 flange mounted with splined hollow shaft |

斜齿轮-伞齿轮减速机  
Helical – bevel gear units

|        |                                                                         |
|--------|-------------------------------------------------------------------------|
| KB..   | 地脚安装<br>Foot mounted                                                    |
| KBA..B | 地脚安装, 空心轴<br>Foot mounted with hollow shaft                             |
| KBH..B | 地脚安装, 带锁紧盘空心轴<br>Foot mounted with hollow shaft and shrink disk         |
| KBV..B | 地脚安装, 带花键空心轴<br>Foot mounted with hollow shaft and splined hollow shaft |
| KBF    | B5法兰安装<br>B5 flange mounted                                             |
| KBAF.. | B5法兰安装, 空心轴<br>B5 flange mounted with hollow shaft                      |
| KBHF.. | B5法兰安装, 带锁紧盘空心轴<br>B5 flange mounted with hollow shaft and shrink disk  |
| KBVF.. | B5法兰安装, 带花键空心轴<br>B5 flange mounted with splined hollow shaft disk      |
| KBA..  | 空心轴安装<br>Hollow shaft mounted                                           |
| KBH..  | 带锁紧盘空心轴安装<br>Hollow shaft with shrink disk                              |
| KBV..  | 带花键空心轴安装<br>Splined hollow shaft mounted                                |
| KBAZ.. | B14法兰安装, 空心轴<br>B14 flange mounted with hollow shaft                    |
| KBHZ.. | B14法兰安装, 带锁紧盘空心轴<br>B14 flange mounted with hollow shaft disk           |
| KBVZ.. | B14法兰安装, 带花键空心轴<br>B14 flange mounted with splined hollow shaft         |

斜齿轮-蜗轮蜗杆减速机  
Helical – worm gear units

|        |                                                                        |
|--------|------------------------------------------------------------------------|
| KW..   | 地脚安装<br>Foot mounted                                                   |
| KWF..  | B5法兰安装<br>B5 flange mounted                                            |
| KWAF.. | B5法兰安装, 空心轴<br>B5 flange mounted with hollow shaft                     |
| KWHF.. | B5法兰安装, 带锁紧盘空心轴<br>B5 flange mounted with hollow shaft and shrink disk |
| KWA..  | 空心轴安装<br>Hollow shaft mounted                                          |
| KWH..  | 带锁紧盘空心轴安装<br>Hollow shaft with shrink disk                             |
| KWAZ.. | B14法兰安装, 空心轴<br>B14 flange mounted with hollow shaft                   |
| KWHZ.. | B14法兰安装, 带锁紧盘空心轴<br>B14 flange mounted with hollow shaft disk          |



3.4 交流电机及附件名称  
3.4 The name of AC motors and its accessories

|                                                       |                                                                                         |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 双速交流电机型号<br>Pole – Changing AC motors with soft start |                                                                                         |
| SD...                                                 | 双速电机法兰安装<br>Pole – Changing flange mounted                                              |
| 电机选型<br>Motor options                                 |                                                                                         |
| BMG                                                   | 制动器<br>Brake                                                                            |
| ../HF                                                 | 手动释放（锁在制动释放位置）<br>..with lock manual brake release                                      |
| ../HR                                                 | 手动释放（自动返回制动位置）<br>..with automatic manual brake disengagir                              |
| /RE                                                   | 逆止器<br>Backstop                                                                         |
| /TF                                                   | 热敏电阻保护装置（PTC热敏电阻）<br>Thermistor sensor(PTC resistance)                                  |
| /TH                                                   | 恒温器保护装置（双金属片开关）<br>Thermostat(bimetallic switch)                                        |
| /U                                                    | 机身冷却（无通风）<br>Non – vemtilated                                                           |
| /V                                                    | 强制冷风扇3×380–415V <sub>AC</sub> 50HZ<br>Forced cooling fan. 3*380–415V <sub>AC</sub> 50HZ |
| /VS                                                   | 强制冷风扇1×220–266V <sub>AC</sub> 50HZ<br>Forced cooling fan. 1*220–266V <sub>AC</sub> 50HZ |
| /VR                                                   | 强制冷风扇1×24V <sub>DC</sub><br>Forced cooling fan. 1*24V <sub>DC</sub>                     |
| /Z                                                    | 高惯量飞轮风扇<br>High Inertia Flywheel Fan                                                    |
| /C                                                    | 风扇防雨罩<br>Protection cover for the fan                                                   |
| /E                                                    | 编码器<br>Encode                                                                           |

4. 减速机选型

4.1 传动装置选型数据

准确地确定所需传动装置，下表所列的数据是必需的：

| 传动装置选型数据                                               |                                                                     |                                      |  |
|--------------------------------------------------------|---------------------------------------------------------------------|--------------------------------------|--|
| <b>n</b> <sub>amin</sub>                               | 最小输出转速                                                              | [rpm]                                |  |
| <b>n</b> <sub>amax</sub>                               | 最大输出转速                                                              | [rpm]                                |  |
| <b>P</b> <sub>aat</sub> <b>n</b> <sub>amax</sub>       | 最低输出转速下的输出功率                                                        | [kW]                                 |  |
| <b>P</b> <sub>aat</sub> <b>n</b> <sub>amax</sub>       | 最高输出转速下的输出功率                                                        | [kW]                                 |  |
| <b>M</b> <sub>aat</sub> <b>n</b> <sub>amax</sub>       | 最低输出转速下的输出扭矩                                                        | [Nm]                                 |  |
| <b>M</b> <sub>aat</sub> <b>n</b> <sub>amax</sub>       | 最高输出转速下的输出扭矩                                                        | [Nm]                                 |  |
| <b>F</b> <sub>R</sub>                                  | 输出轴径向力。假设载荷作用在轴伸的中点，<br>如果不一致，请确定径向力准确的作用点、作用<br>角度和轴的旋转方向以便进行校核计算。 | [N]                                  |  |
| <b>F</b> <sub>A</sub>                                  | 输出轴轴向负载（拉力和压力）                                                      | [N]                                  |  |
| <b>J</b> <sub>load</sub>                               | 被驱动件的转动惯量                                                           | [10 <sup>-4</sup> kgm <sup>2</sup> ] |  |
| <b>KH/KS/KB/KW<br/>M1-M6</b>                           | 所需减速机类型和安装位置                                                        | -                                    |  |
| <b>IP</b> ..                                           | 外壳防护等级                                                              | -                                    |  |
| θ <sub>env</sub>                                       | 环境温度                                                                | [°C]                                 |  |
| <b>H</b>                                               | 海拔高度                                                                | [m above<br>sea level]               |  |
| <b>S</b> .., ..% <b>cdf</b>                            | 工作制和负载持续率cdf；也可给出精确的负载周期图                                           | -                                    |  |
| <b>Z</b>                                               | 启停频率；也可给出精确的负载周期图                                                   | [no.per h]                           |  |
| <b>f</b> <sub>mains</sub>                              | 电源频率                                                                | [Hz]                                 |  |
| <b>V</b> <sub>mot</sub> ,<br><b>V</b> <sub>brake</sub> | 电机工作电压和制动器电压                                                        | [V]                                  |  |
| <b>M</b> <sub>B</sub>                                  | 所需制动力矩                                                              | [Nm]                                 |  |
| 对于变频器运行：控制模式和设置范围                                      |                                                                     |                                      |  |



## 4. Selection of gear reducer

### 4.1 Drive selection data

Certain data are essential to specify the components for your drive. These are.

| <b>n<sub>amin</sub></b>                                                | Minimum output speed                                                                                                                                                                                                                       | [rpm]                                |  |
|------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|--|
| <b>n<sub>amax</sub></b>                                                | Maximum output speed                                                                                                                                                                                                                       | [rpm]                                |  |
| <b>P<sub>aat n<sub>amax</sub></sub></b>                                | Output power at minimum output speed                                                                                                                                                                                                       | [kW]                                 |  |
| <b>P<sub>at n<sub>amax</sub></sub></b>                                 | Output power at maximum output speed                                                                                                                                                                                                       | [kW]                                 |  |
| <b>M<sub>aat n<sub>amax</sub></sub></b>                                | Output torque at minimum output speed                                                                                                                                                                                                      | [Nm]                                 |  |
| <b>M<sub>at n<sub>amax</sub></sub></b>                                 | Output torque at maximum output speed                                                                                                                                                                                                      | [Nm]                                 |  |
| <b>F<sub>R</sub></b>                                                   | Overhung load on output shaft. Assumes force application is in the center of shaft end. If not, please specify the exact application point indicating the application angle and direction of rotation of the shaft for a check calculation | [N]                                  |  |
| <b>F<sub>A</sub></b>                                                   | Axial load (tension and compression) on output shaft                                                                                                                                                                                       | [N]                                  |  |
| <b>J<sub>load</sub></b>                                                | Mass moment of inertia to be driven                                                                                                                                                                                                        | [10 <sup>-4</sup> kgm <sup>2</sup> ] |  |
| <b>KH/KS/KB/KW M1-M6</b>                                               | Required gear unit type and mounting position( → sec. Mounting positions, churning losses)                                                                                                                                                 | –                                    |  |
| <b>IP..</b>                                                            | Required protect rank                                                                                                                                                                                                                      | –                                    |  |
| <b>θ<sub>env</sub></b>                                                 | Ambient temperature                                                                                                                                                                                                                        | [°C]                                 |  |
| <b>H</b>                                                               | Altitude                                                                                                                                                                                                                                   | [m above sea level]                  |  |
| <b>S...,%cdf</b>                                                       | Operating mode and intermittency factor cdf; alternatively, exact load cycle can be specified.                                                                                                                                             | –                                    |  |
| <b>Z</b>                                                               | Starting frequency; alternatively, exact load cycle can be specified                                                                                                                                                                       | [no.per h]                           |  |
| <b>f<sub>mains</sub></b>                                               | Supply frequency                                                                                                                                                                                                                           | [Hz]                                 |  |
| <b>V<sub>mot</sub>, V<sub>brake</sub></b>                              | Operating voltage of motor and brake                                                                                                                                                                                                       | [V]                                  |  |
| <b>M<sub>B</sub></b>                                                   | Required braking torque                                                                                                                                                                                                                    | [Nm]                                 |  |
| <b>For inverter operation: Required control mode and setting range</b> |                                                                                                                                                                                                                                            |                                      |  |

### 4.2 选型流程图

### 4.2 Project planning sequence

例

带有位置要求驱动方案的流程示意图，所涉及的减速电机由变频器控制

The following flowchart displays a schematic view of the procedure for planning a project incorporating a positioning drive. The drive comprises a geared motor which is powered by an inverter



图:选型应用流程图 Figure: Project planning process



#### 4.3 减速机的效率

#### 4.3 Efficiency of gear units

减速机的效率主要由齿轮啮合和轴承摩擦损失所决定的。

减速机运行初期的效率总是比正常运行时要低，尤其是斜齿轮蜗轮蜗杆和螺旋平面减速机更为明显。

The efficiency of the gear units is mainly determined by the gearing, mesh and bearing friction. Please note that the starting efficiency of a gear unit is always less than its efficiency at operating speed. This fact is especially obvious in helical-worm right-angle geared motors.

##### KH.KS.KB系列减速机

##### KH.KS.KB gear units

斜齿轮、平行轴、斜齿轮-锥齿轮减速机的效率是根据减速级数确定，在94%(3级)~98%(1级)之间。

The efficiency of helical, parallel shaft and helical-bevel gear units varies according to the number of gear stages, between 94%(3-stage) and 98%(1-stage).

##### KW系列减速机

##### KW gear units

斜齿轮蜗轮蜗杆减速机由于产生高损失的滑动摩擦，所以它们比KH. KS. KB减速机损失大、效率低，主要是由以下因素决定：

- 斜齿轮蜗轮蜗杆减速机的传动比
- 输入转速
- 齿轮箱温度

KPM设计的斜齿轮蜗轮蜗杆减速机比单级的蜗轮杆减速机的效率有显示的提高，对于很大速比的斜齿轮蜗轮蜗杆才有可能其效率  $\eta < 0.5$ 。

The gearing in helical-worm and gear units produces a high proportion of sliding friction. As a result, these gear units may have higher gearing losses than KH,KS or KB gear units, and thus be less efficient. The cause of factors are:

- Gear ratio of the helical - worm
- Input speed
- Gear unit temperature

KPM gear units are designed as helical worm which makes them significantly more efficient than standard worm gear units. The efficiency may reach  $\eta < 0.5$  if the helical - worm stage has a very high ratio step.

##### 自锁条件

##### Self - locking condition

在斜齿轮--蜗轮蜗杆上加反向力矩会产生一个反向效率  $\eta' = 2 - 1/\eta$ ，其值明显小于正向效率 $\eta$ 。如果正向效率 $\eta \leq 0.5$ ，那么斜齿轮蜗杆减速机会自锁。仅有少量大速比的 KPM 斜齿轮蜗轮蜗杆减速机静态自锁。如果想利用自锁的制动效果特点请向 KPM 咨询。

Retrodriving torques on helical-worm gear units produce an efficiency of  $\eta' = 2 - 1/\eta$ ，which is significantly less favorable than the forwards efficiency  $\eta$ . The helical-worm or Spiroplan® gear unit is self-locking if the forwards efficiency  $\eta \leq 0.5$ . A few KPM helical-worm gear units with the largest gear ratio are statically self-locking. Please contact KPM if you wish to wish to make technical use of the braking effect of self-locking characteristics.

##### 运行初始阶段

##### Running - phase

由于新的斜齿轮蜗杆减速机齿面不够光滑、摩擦角较大，所以效率较正常运行时要小，这种影响在大传动比时变得更加明显。

The tooth flanks of new helical-worm and gear units are not yet completely smooth. For the friction angle is greater, the efficiency will be less than later operation. This effect becomes more apparent in the greater ratio.

在运初试阶段，所给定的效率值应减去表中数值：

In the first beginning, the given efficiency number should minus as follows

|        | Helical-worm | 速比 <i>i</i> 的范围 |
|--------|--------------|-----------------|
| 1start | approx.12%   | approx.50-280   |
| 2start | approx.6%    | approx.20-75    |
| 3start | approx.3%    | approx.20-90    |
| 4start | -            | -               |
| 5start | approx.3%    | approx.6-25     |
| 6start | approx.2%    | approx.7-25     |

经过连续24小时运行，斜齿轮蜗轮蜗杆满足以下条件可以达到给出的额定效率：

- 减速机经过充分的试运行
- 减速机达到正常运行温度值
- 加入推荐的润滑剂

减速机在额定的负载范围内工作

The running - in phase normally lasts 24 hours. Helical - worm gear units achieve their listed rated efficiency values when:

- The gear unit has been run is completely
  - The gear unit has reached normal operation temperature
  - The recommended lubricant has been filled in
- The gear unit is working within the rated load range

##### 搅动损失

##### Churning losses

在某些安装位置，第一级小齿轮完全浸在油中，对于大机座号减速机和有较高输入转速的减速机，搅动损失会急剧上升，不能忽视，因此，当遇到此类情况请向KPM咨询。

如果可能，对于KH,KB和SW系列减速机尽量使用M1安装位置以确保较小的搅动损失。

In certain gear unit mounting positions the first reduction stage is completely immersed in the lubricant. For large gear unit sizes and high circumferential velocities of the input stage, this gives rise to churning losses constituting a factor which cannot be ignored. Please contact KPM if you wish to use gear units of this type. If possible, use the mounting position M1 for R, K and S gear units in order to keep the churning losses in low.

#### 4.4 使用系数

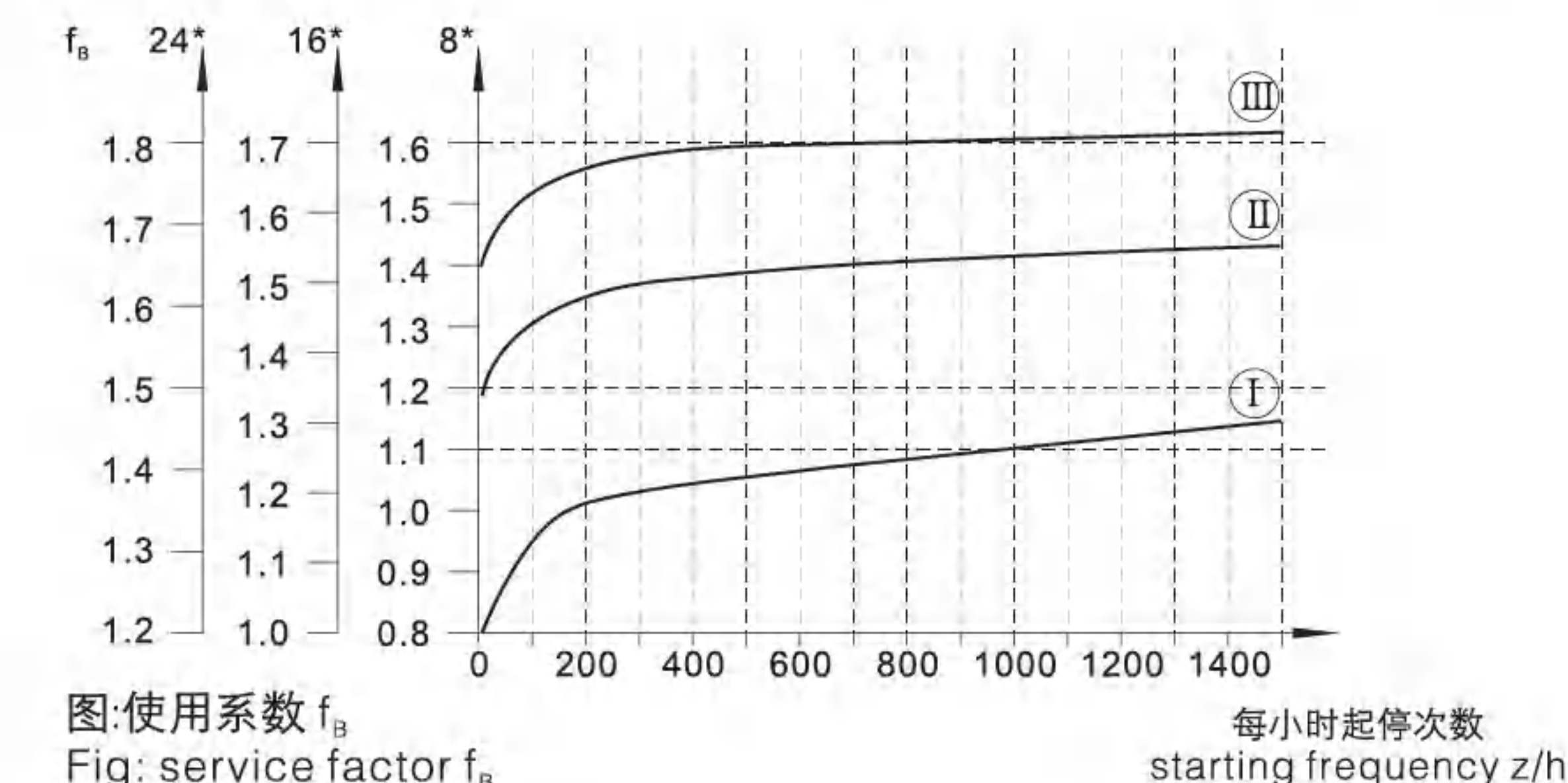
#### 4.4 Service factor

##### 决定使用系数的因素

##### Determining of the service factor

选用减速箱要考虑一定的使用系数用 $f_B$ 表示，使用系数 $f_B$ 由每天的运行时间和起停频率所决定，根据惯量加速系数确定的三种负载类型也要考虑，可以从图中读取驱动方案的使用系数，从图中确定的使用系数一定要小于或等于从选型表中给定的KPM使用系数。

Gear unit selection needs to consider a certain factor which we use  $f_B$  to express. The service factor is determined by the daily operating time and the starting frequency. Three load classifications are also considered to depend on the mass acceleration factor. You can read the different service factor from the figure as follows. The service factor determined using this diagram must be small than or equal to the KPM service factor as given in the selection tables.





\*运行小时/天

\*\*起停次数，包括所在的起停和制动过程，所括从低到高，从高到低变换过程。

Daily operating time in hours/day

Starting frequency Z: The cycles include all starting and braking procedures as well as changes from low to high and high to low speed.

## 负载类型

### Load classification

三种负载类型:

- 1 均匀载荷，允用的惯性加速系数 $\leq 0.2$
- 2 中等冲击载荷，允许的惯性加速系数 $\leq 3$
- 3 强冲击载荷，允许的惯性加速系数 $\leq 10$

Three load classifications are differentiated:

1. Uniform, approved mass acceleration factor  $\leq 0.2$
2. Moderate shock load, approved mass acceleration factor  $\leq 3$
3. Severe shock load, approved mass acceleration factor  $\leq 10$

## 惯性加速系数

### Mass acceleration factor

惯性加速系数的计算方式:

The mass acceleration factor is calculated as follows:

$$\text{惯性加速系数} = \frac{\text{所有的外部转动惯量}}{\text{电动机的转动}}$$

$$\text{Mass acceleration factor} = \frac{\text{All external mass moments of inertia}}{\text{Mass moment of inertia on the motor end}}$$

所有的外部转动惯量是指被驱动装置加上减速机相对于电机转速的转动惯量，

$$\text{折算公式如下: } J_x = j \cdot \left(\frac{n}{n_M}\right)^2$$

"All external mass moments of inertia" are the mass moments of inertia of the driven machine and the gear unit, scaled down to the motor speed. The calculation for scaling down to the motor speed performed using the following formula:  $J_x = j \cdot \left(\frac{n}{n_M}\right)^2$

$J_x$ =相对于电机轴的外部转动惯量

$J_x$ = Reduced mass moment of inertia on the motor shaft

$J$ =相对于减速机输出轴的外部转动惯量

$J$ = Mass moment of inertia referenced to the output speed of the gear unit

$N$ =减速机的输出转速

$N$ = Output speed of the gear unit

$N_M$ =电机转速

$N_M$ = Motor speed

电机的转动惯量是指电机转动惯量，若配有制动器和飞轮(Z风扇)则要相应增加所配部件的转动惯量。

惯性加速系数大于10，要求传动部件高平稳性及大的径向负载时使用系数 $f_B$ 就大于1.8，此类情况请向KPM咨询。

"Mass moment of inertia on the motor if it equips the brake and the flywheel fan(Z fan), the components' mass moment of inertia or large overhung loads. Please contact KPM in this case.

## KPM使用系数 $KPM-f_B$

确定最大持续运行扭矩  $M_{max}$  和由此推导出的使用系统  $f_B = M_{max}/M_a$  是不标准的，并且不同的制造商之间

有很大不同。KPM使用系数  $f_B=1$  是，KPM驱动设备在疲劳强度范围内能提供相当高的工作安全性和可靠

性(除斜齿轮蜗轮蜗杆减速机的蜗轮之外)。在一定条件下，KPM的使用系数不必和其它减速机制造商所给出

的进行比较。若有疑问，请和KPM联系索取针对特殊驱动设备详细资料。

KPM service factor:  $KPM f_B$

The method for determining the maximum approved continuous torque  $M_{max}$  and then deriving the service factor  $f_B = M_{max}/M_a$  is not defined in a standard and varies greatly from manufacturer to manufacturer. With their KPM service factor  $f_B=1$ , KPM drives afford an extremely high level of safety and reliability in the fatigue strength range(exception: wearing of the worm wheel in helical - worm gear units). Under a certain circumstances, the KPM service factor may not be comparable to the information given details for your specific drive. If there is any questions, please contact KPM to get the special drive equipments' document in detail.

## 举例

### Example

惯性加速系数2.5(II类载荷)，运行时间14小时/天(按16小时/天查图)和300次起停/小时，使用系数在图中为 $f_B=1.51$ ，根据选型表所选择的减速机  $KPM f_B$  值要  $\geq 1.51$ 。

Mass acceleration factor 2.5(load classification II), 14 hours/day operating time(check the figure at 16h/d) and 300 cycles/hour produce a service factor  $f_B=1.51$  as shown in Fig.2. According to the selection table, the selected motor must have a  $KPM f_B$  Value of 1.15 or greater.

## 斜齿轮蜗杆减速机

### Helical - worm gear units

在斜齿轮蜗杆减速机中，除了已有图3中的使用系数 $f_B$ 外还有两个使用系数 $f_{B1}$ 、 $f_{B2}$ 要考虑

•  $f_{B1}$ =环境温度使用系统

•  $f_{B2}$ =负载持续系数

Two further service factors have to be taken into account with helical-worm gear units in addition to the

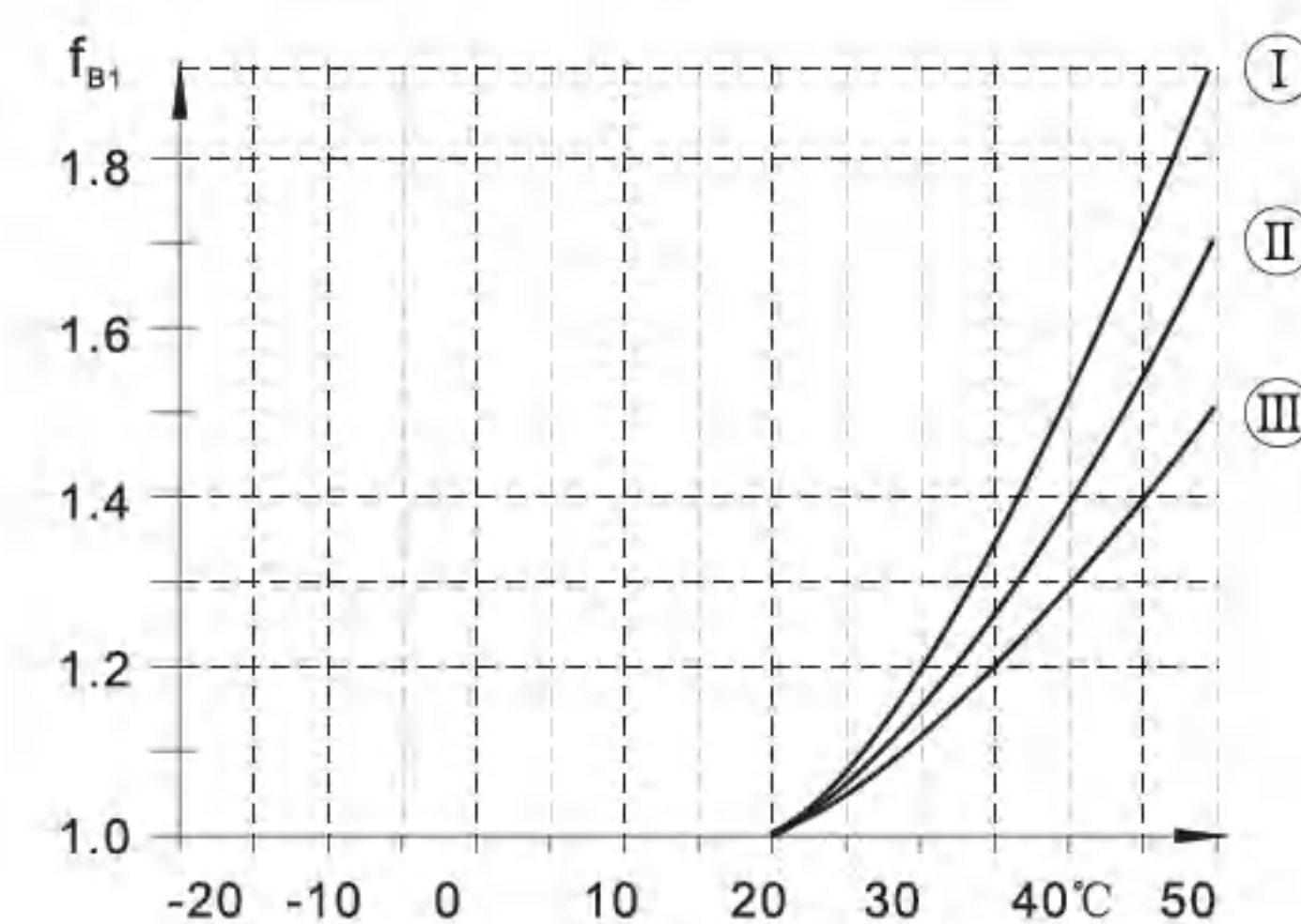
selection factor  $f_B$  shown in Fig 2. These are:

– $f_{B1}$ =Service factor from the ambient temperature

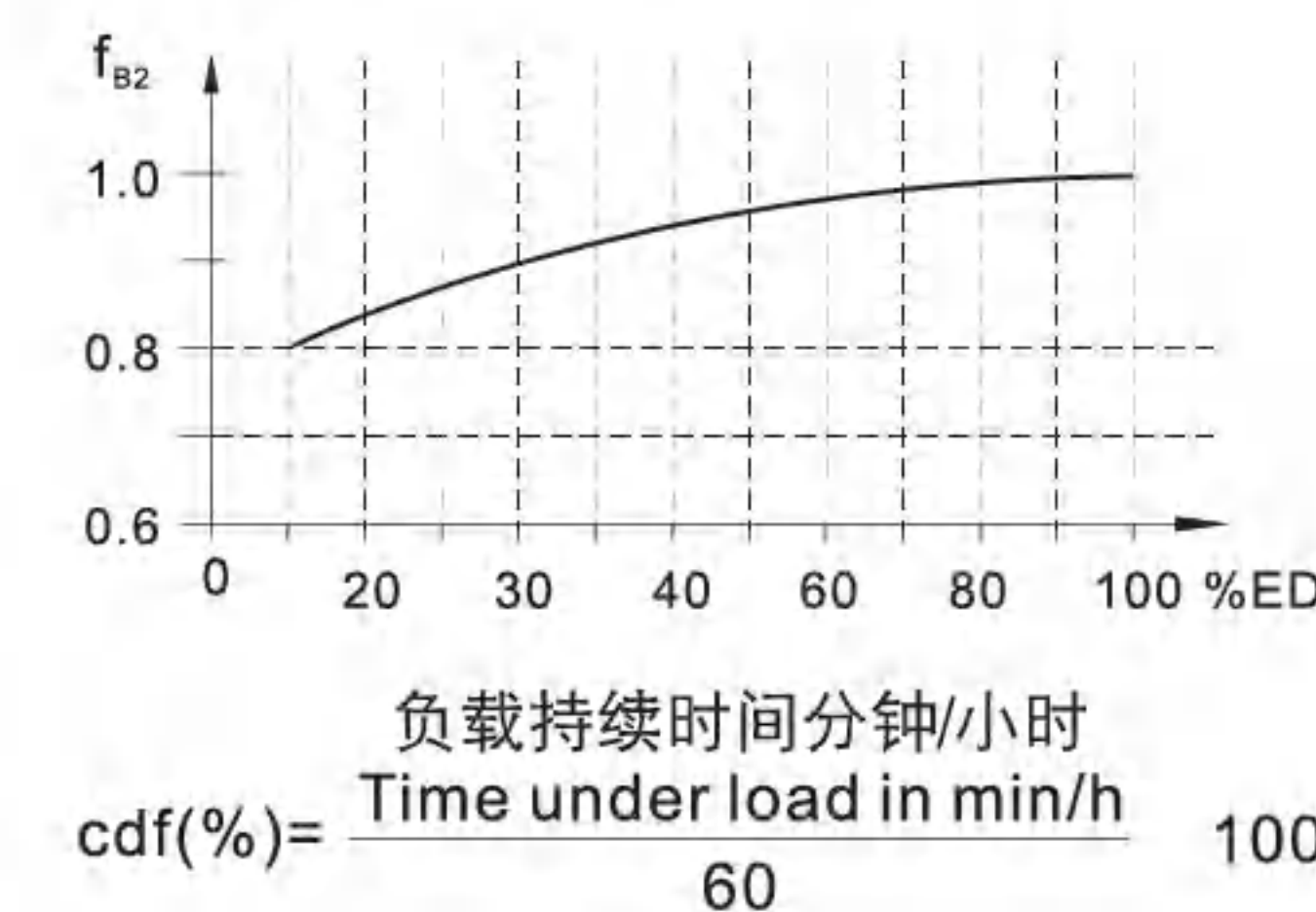
– $f_{B2}$ =Service factor from the cyclic duration factor

附加的使用系数 $f_{B1}$ 、 $f_{B2}$ 可通过图4确定，确定 $f_{B1}$ 时用和确定 $f_B$ 同样的方法考虑负载类型。

Additional service factors  $f_{B1}$  and  $f_{B2}$  can be determined by diagrams in Fig 4. For the  $f_{B1}$  factor, we can define it just in the same way as  $f_B$ .



图：附加使用系数  $f_{B1}$  和  $f_{B2}$   
Additional service factors  $f_{B1}$  and  $f_{B2}$



确定 $f_{B1}$ 时，环境温度低于-20℃请向KPM咨询

Please contact KPM in case of temperatures below -20°C( $\rightarrow f_{B1}$ )

斜齿轮蜗轮蜗杆减速机总的使用系数 $f_{Btot}$ 按下式计算:  $F_{Btot} = f_B \cdot f_{B1} \cdot f_{B2}$

The total service factor for helical - worm gear units is calculated as follows:  $F_{Btot} = f_B \cdot f_{B1} \cdot f_{B2}$

## 举例

### Example

若前一个例子使用系统 $f_B=1.51$ 的减速机是斜齿轮蜗轮蜗杆减速机，

If the geared motor with the service factor  $f_B=1.51$  in the previous example is a helical-worm geared motor.

环境温度=40℃ $\rightarrow f_{B1}=1.38$ (负载类型II)

Ambient temperature  $t = 40^\circ\text{C} \rightarrow f_{B1}=1.38$ (read off at load classification II)

负载工作时间40分钟/小时  $cdf=66.7\%$   $f_{B2}=0.95$

Time under load=40min/h $\rightarrow cdf=66.7\% \rightarrow f_{B2}=0.95$

The total service factor is  $F_{Btot} = 1.51 \cdot 1.38 \cdot 0.95 = 1.98$

根据选型表，所选的斜齿轮蜗轮蜗杆减速机的  $KPM f_B$  则应  $\geq 1.98$ 。

According to the selection tables, the selected helical-worm geared motor must have a  $KPM f_B$  value of 1.98 or greater.



#### 4.5 径向和轴向负载

#### 4.5 Overhung and axial loads

##### 径向负载

##### Determining overhung load

确定径向负载时,要考虑安装在轴端传动部件的影响, 传动部件系数 $f_z$ 列于下表:

When determining the overhung load, the type of transmission element mounted on the shaft end must be considered. The transmission element factors  $f_z$  are listed as follows:

| 传动部件<br>Transmission element | 传动部件系数 $f_z$<br>Transmission element factor $f_z$ | 备注<br>Comments                 |
|------------------------------|---------------------------------------------------|--------------------------------|
| 齿轮 Gears                     | 1.15                                              | >17齿 >17 teeth                 |
| 链轮 Chain sprockets           | 1.40                                              | >13齿 >13 teeth                 |
| 链轮 Chain sprockets           | 1.25                                              | >20齿 >20 teeth                 |
| 窄V型带 Narrow V-belt pulleys   | 1.75                                              | 预应力影响 Pre-tensioning influence |
| 宽平皮带 Flat belt pulleys       | 2.50                                              | 预应力影响 Pre-tensioning influence |
| 齿型皮带 Toothed belt pulleys    | 2.50                                              | 预应力影响 Pre-tensioning influence |

作用在电机或减速机轴伸上的径向力按下式计算:

The overhung load exerted on the motor or gear shaft is calculated as follows:

$$F_R = \frac{M_d \cdot 2000}{d_o} \cdot f_z$$

$F_R$  径向载荷(N)

$M_d$  力矩(Nm)

$d_o$  节圆直径(mm)

$f_z$  传动部件系数

$F_R$  Overhung load in N

$M_d$  Torque in Nm

$d_o$  Mean diameter of the mounted transmission element in mm

$f_z$  Transmission element factor

##### 许用的径向载荷

##### Permitted overhung load

根据耐磨轴承额定寿命 $L_{H10}$ 来确定许用径向载荷。

对于特殊的运行条件, 许用径向载荷根据所要求的修正寿命 $L_{na}$ 来确定。

对于地脚安装实心轴输出的减速机许用径向载荷列于减速电机的选型表中。对于其他安装形式可与KPM联系。

According the rate service life  $L_{H10}$  of the anti - friction bearings to definethe permitted overhung loads.

For the special operating conditions, the permitted overhung loads can be determined by the modified service life  $L_{na}$ .

The permitted overhung loads  $F_{Ra}$  for the output shafts of foot - mounted gear units with a sold shaft are listed in the selection tables for geared motors. Please contact KPM in case of other types.

选型表中的径向力数值按照力作用于轴伸的中点(斜齿轮-伞齿轮减速机按照A端输出轴考虑)。

径向力作用角度 $\alpha$ 和旋转方向已经按最不利的条件给予考虑。

The data refer to the radial force acting midway on the shaft end (with right-angle gear units on the A-side Output). Worst case conditions have been asumed for the force application angle  $\alpha$  and the direction of rotation.

- 对于KB/KW系列减速机,M1安装位置前面与安装固定面连接时,许用径向载荷只是选型表中 $F_{Ra}$ 数值的50%。
- 对于KB160/KB180减速电机在安装位置M1-M4时;若安装与其安装位置示例有所区别情况下,其许用径向载荷最大只为选型表中 $F_{Ra}$ 的50%。
- 地脚/法兰安装斜齿轮减速机(H..F):当通过法兰安装传递力矩时, 许用径向载荷最大为选型表中 $F_{Ra}$ 的50%。

-Only 50% of the  $F_{Ra}$  value specified in the selection tables is permitted in mounting position M1 with wall attachment on the front face for KB & KSW gear units.

-Helical-bevel gearmotors KB160 and KB 180 in mounting positions M1 to M4: If the mounting position is different the position we offered (M1-M4),the overhung load  $F_{Ra}$  listed in the selection tables.

-Foot and flange-mounted helical geared motors (H..F): A maximum of 50% of the overhung load  $F_{Ra}$  specified in the selection tables in the case of torque transmission via the flange mounting. When the torque transmission via the flange mounting the overhung load  $F_{Ra}$  will only be 50% compared with the  $F_{Ra}$  listed the selection tables.

##### 更高的许用径向载荷

##### Higher approved overhung loads

对于KH、KS和KB系列减速电机,安装重载轴承可提高许用径向载荷。另外,精确考虑旋转方向和力作用角 $\alpha$ ,也可提高许用径向载荷,在此情况下,请和我们联系。

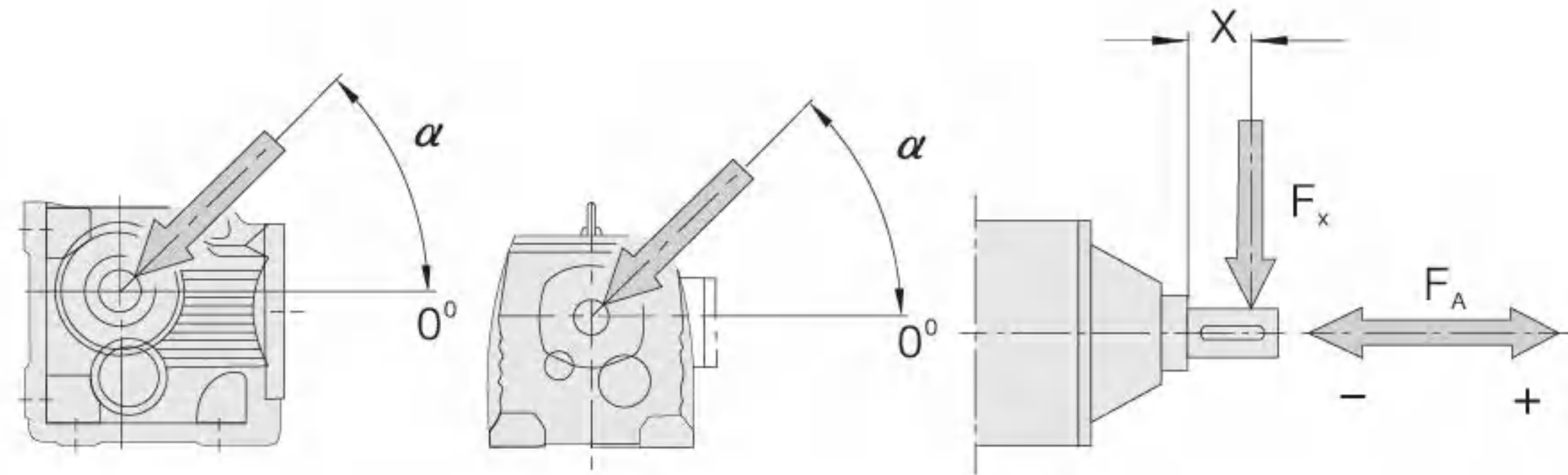
It is possible to achieve a higher overhung load by exactly considering the force application angle  $\alpha$  and the direction of rotation. In addition, higger output shaft loads are permitted if heavy duty bearings are installed, especially with KH, KS and KB gear units. Please contact KPM in this case.

##### 所受力的定义

##### Definition of force application

所受力根据下图来定义

Force application is defined according to the following diagram:



$F_x$  = 在X点的许用径向载荷(N)

$F_A$  = 许用轴向载荷(N)

$F_x$  = Approved overhung load at point X [N]

$F_A$  = Approved axial load [N]



## 许用轴向载荷

### Approved axial loads

如果没有径向载荷，那么轴向载荷  $F_A$  (+表示拉力, -表示压紧力) 依据表中径向负荷的50%给定是允许的，这适用于:

If there is no overhung load, then an axial load  $F_A$  (tension or compression) amount to 50% of the overhung load given in the selection tables is approved. This applies to the following geared motors:

- 斜齿轮减速机( KH..130到160除外)
- 平行轴斜齿轮减速机与斜齿轮-伞齿轮(实心轴)减速机( KS90... 除外)
- 实心轴斜齿轮蜗轮蜗杆减速机
- Helical geared motors except for KH..130 to KH..160
- Parallel shaft and helical - bevel geared motors with solid shaft except for KS90...
- Helical - worm geared motors with solid shaft

对于其它类型的减速机请与 KPM 咨询,以防 过大的轴向载荷或轴向及径向的合成 力。

Please contact KPM for all other types of gear units and in the event of significantly greater axial loads or combinations of overhung load and axial load.

## 偏离中心点的径向力

### Overhung load conversion for off – center force application

对于受力点不在轴端中点的允许径向载荷要根据下面的公式计算。  $F_{XL}$  和  $F_{xw}$  中的较小值是在X点允许数值,

所计算的数值应用于  $M_{amax}$

The approved overhung loads given in the selection tables must be calculated using the following formulae in the event of force application not in the center of the shaft end. The smaller of the two values  $F_{XL}$  (according to bearing service life) and  $F_{xw}$  (according to shaft strength) is the approved value for the overhung load at point x. Note that the calculation apply to  $M_{amax}$ .

## 根据轴承寿命 $F_{XL}$

$F_{XL}$  acc. to bearing service life

$$F_{XL} = F_{Ra} \cdot \frac{a}{b+x} [N]$$

## 根据输出轴强度 $F_{xw}$

$F_{xw}$  from the shaft strength

$$F_{xw} = \frac{c}{f+x} [N]$$

$F_{Ra}$  = 对于地脚安装齿轮箱的允许径向载荷(选型表中所列值)单位: N

Approved overhung load (x=1/2) for foot - mounted gear units according to the selection tables in [N]

X = 从轴肩到受力点的距离

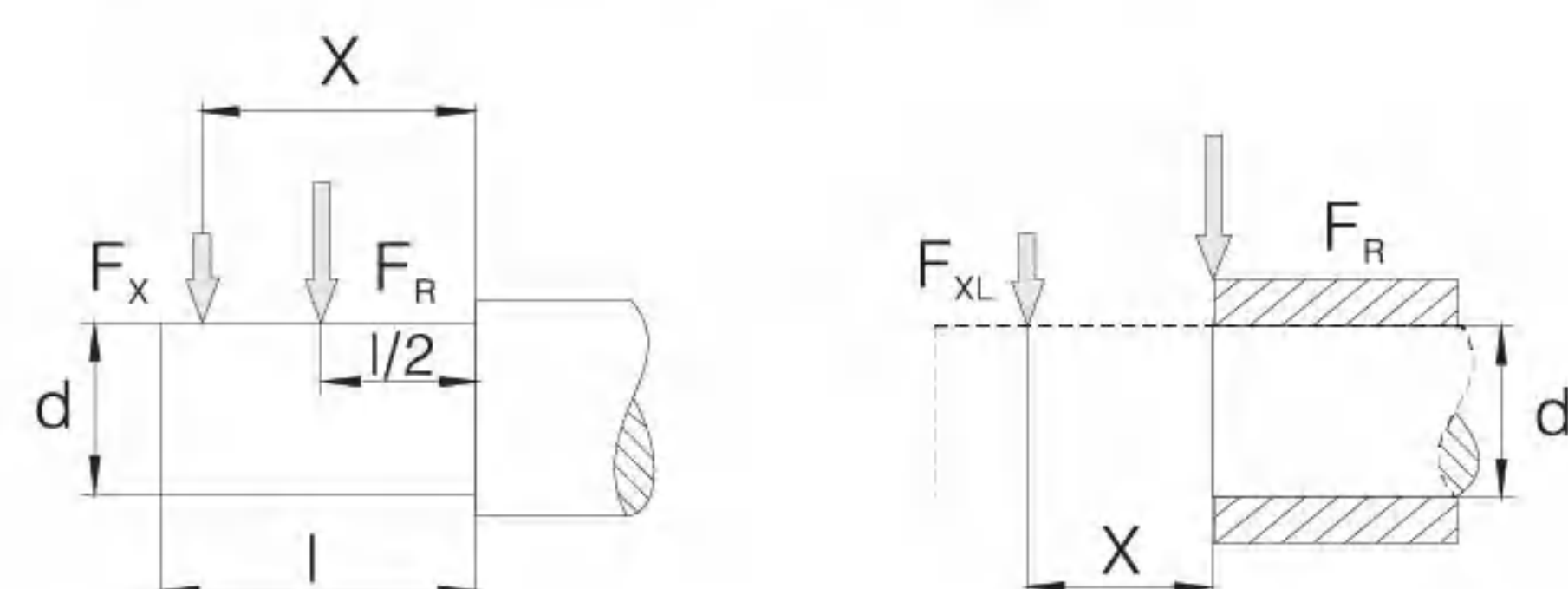
Distance from the shaft shoulder to the force application point in [mm]

a,b,f = 对于径向负载转化的齿轮箱常量

Gear unit constants for overhung load conversion [mm]

c = 对于径向负载转化的齿轮箱常量

Gear unit constant for overhung load conversion [Nmm]



图：偏离中心点的径向力  $F_x$

Fig: Overhung load  $F_x$  for off-center force application

## 据径向负载/转化所得的/齿轮箱常量

### Gear unit constants for overhung load conversion

| 齿轮箱常量<br>Gear unit type | a<br>[mm] | b<br>[mm] | c<br>[Nmm]         | f<br>[mm] | d<br>[mm] | l<br>[mm] |
|-------------------------|-----------|-----------|--------------------|-----------|-----------|-----------|
| KH10                    | 88.5      | 68.5      | $6.527 \cdot 10^4$ | 17        | 20        | 40        |
| KH20                    | 106.5     | 81.5      | $1.56 \cdot 10^5$  | 11.8      | 25        | 50        |
| KH30                    | 118       | 93        | $1.24 \cdot 10^5$  | 0         | 25        | 50        |
| KH40                    | 137       | 107       | $2.44 \cdot 10^5$  | 15        | 20        | 60        |
| KH50                    | 147.5     | 112.5     | $3.77 \cdot 10^5$  | 18        | 35        | 70        |
| KH60                    | 168.5     | 133.5     | $2.51 \cdot 10^5$  | 0         | 35        | 70        |
| KH70                    | 173.7     | 133.7     | $3.97 \cdot 10^5$  | 0         | 40        | 80        |
| KH80                    | 216.7     | 166.7     | $8.47 \cdot 10^5$  | 0         | 50        | 100       |
| KH90                    | 255.5     | 195.5     | $1.19 \cdot 10^6$  | 0         | 60        | 120       |
| KH100                   | 285.5     | 215.5     | $2.06 \cdot 10^6$  | 0         | 70        | 140       |
| KH130                   | 343.5     | 258.5     | $6.14 \cdot 10^6$  | 30        | 90        | 170       |
| KH140                   | 402       | 297       | $8.65 \cdot 10^6$  | 33        | 110       | 210       |
| KH160                   | 450       | 345       | $1.26 \cdot 10^7$  | 0         | 120       | 210       |
| KHX50                   | 43.5      | 23.5      | $1.51 \cdot 10^5$  | 34.2      | 20        | 40        |
| KHX60                   | 52.5      | 27.5      | $2.42 \cdot 10^5$  | 39.7      | 25        | 50        |
| KHX70                   | 60.5      | 30.5      | $1.95 \cdot 10^5$  | 0         | 30        | 60        |
| KHX80                   | 73.5      | 33.5      | $7.69 \cdot 10^5$  | 48.9      | 40        | 80        |
| KHX90                   | 86.5      | 36.5      | $1.43 \cdot 10^6$  | 53.9      | 50        | 100       |
| KHX100                  | 102.5     | 42.5      | $2.47 \cdot 10^6$  | 62.3      | 60        | 120       |
| KS30                    | 123.5     | 98.5      | $1.07 \cdot 10^5$  | 0         | 25        | 50        |
| KS40                    | 153.5     | 123.5     | $1.78 \cdot 10^5$  | 0         | 30        | 60        |
| KS50                    | 170.7     | 135.7     | $5.49 \cdot 10^5$  | 32        | 35        | 70        |
| KS60                    | 181.3     | 141.3     | $4.12 \cdot 10^5$  | 0         | 40        | 80        |
| KS70                    | 215.8     | 165.8     | $7.87 \cdot 10^5$  | 0         | 50        | 100       |
| KS80                    | 263       | 203       | $1.19 \cdot 10^6$  | 0         | 60        | 120       |
| KS90                    | 350       | 280       | $2.09 \cdot 10^6$  | 0         | 70        | 140       |
| KS100                   | 373.5     | 288.5     | $4.23 \cdot 10^6$  | 0         | 90        | 170       |
| KS120                   | 442.5     | 337.5     | $9.49 \cdot 10^6$  | 0         | 110       | 210       |
| KS150                   | 512       | 407       | $1.05 \cdot 10^7$  | 0         | 120       | 210       |
| KB30                    | 123.5     | 98.5      | $1.41 \cdot 10^5$  | 0         | 25        | 50        |
| KB40                    | 153.5     | 123.5     | $1.78 \cdot 10^5$  | 0         | 30        | 60        |
| KB50                    | 169.7     | 134.7     | $6.8 \cdot 10^5$   | 31        | 35        | 70        |
| KB60                    | 181.3     | 141.3     | $4.12 \cdot 10^5$  | 0         | 40        | 80        |
| KB70                    | 215.8     | 165.8     | $7.69 \cdot 10^5$  | 0         | 50        | 100       |
| KB80                    | 252       | 192       | $1.64 \cdot 10^6$  | 0         | 60        | 120       |
| KB90                    | 319       | 249       | $2.8 \cdot 10^6$   | 0         | 70        | 140       |
| KB100                   | 373.5     | 288.5     | $5.53 \cdot 10^6$  | 0         | 90        | 170       |
| KB120                   | 443.5     | 338.5     | $8.31 \cdot 10^6$  | 0         | 110       | 210       |
| KB150                   | 509       | 404       | $1.18 \cdot 10^7$  | 0         | 120       | 210       |
| KB160                   | 621.5     | 496.5     | $1.88 \cdot 10^7$  | 0         | 160       | 250       |
| KB180                   | 720.5     | 560.5     | $3.04 \cdot 10^7$  | 0         | 190       | 320       |
| KW30                    | 118.5     | 98.5      | $6.0 \cdot 10^4$   | 0         | 20        | 40        |
| KW40                    | 130       | 105       | $1.33 \cdot 10^5$  | 0         | 25        | 50        |
| KW50                    | 150       | 120       | $2.14 \cdot 10^5$  | 0         | 30        | 60        |
| KW60                    | 184       | 149       | $3.04 \cdot 10^5$  | 0         | 35        | 70        |
| KW70                    | 224       | 179       | $5.26 \cdot 10^5$  | 0         | 45        | 90        |
| KW80                    | 281.5     | 221.5     | $1.68 \cdot 10^6$  | 0         | 60        | 120       |
| KW90                    | 326.3     | 256.3     | $2.54 \cdot 10^6$  | 0         | 70        | 140       |

对于没有列出的类型的值据需要给定。

Values for types not listed are available on request.



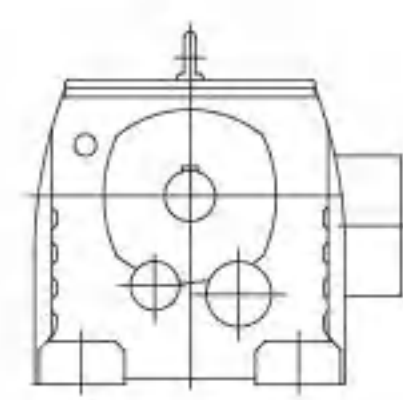
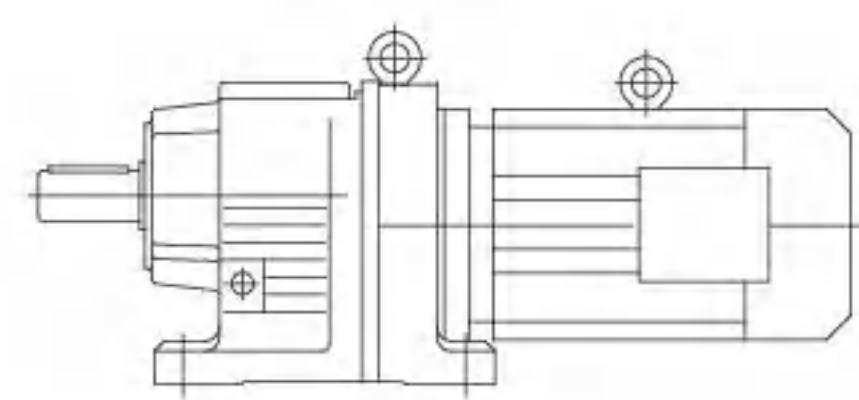
## 5. KH系列斜齿轮减速机KH Helical Geared Motors

### 5.1 设计方案

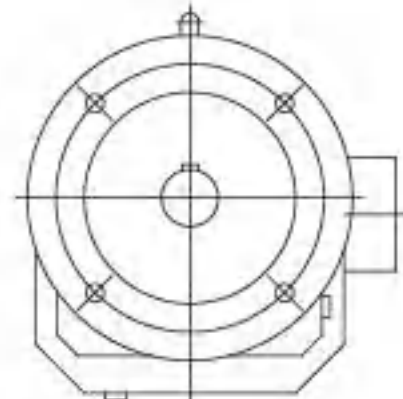
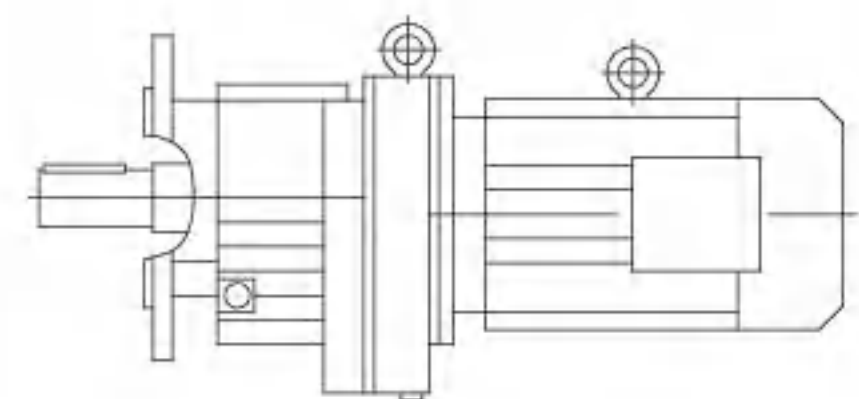
#### 5.1 Versions of KPM geared motors

斜齿轮减速电机有以下设计方案：

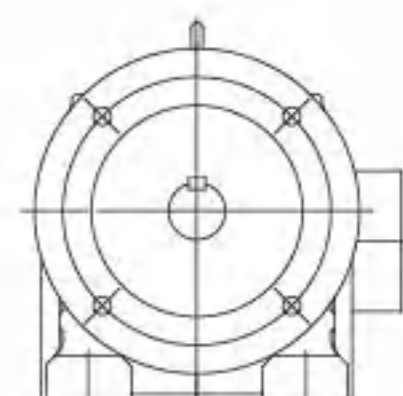
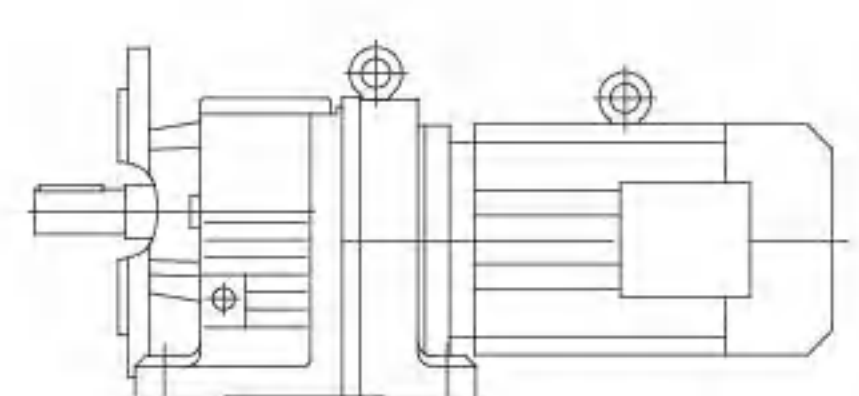
The following types of helical – bevel motor can be supplied:



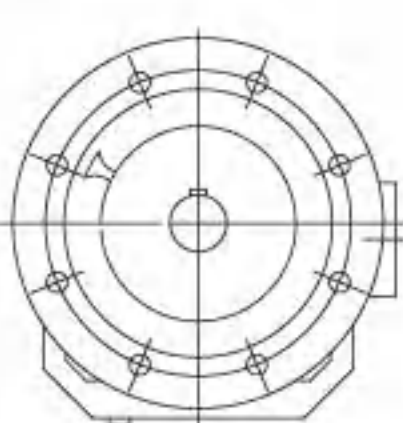
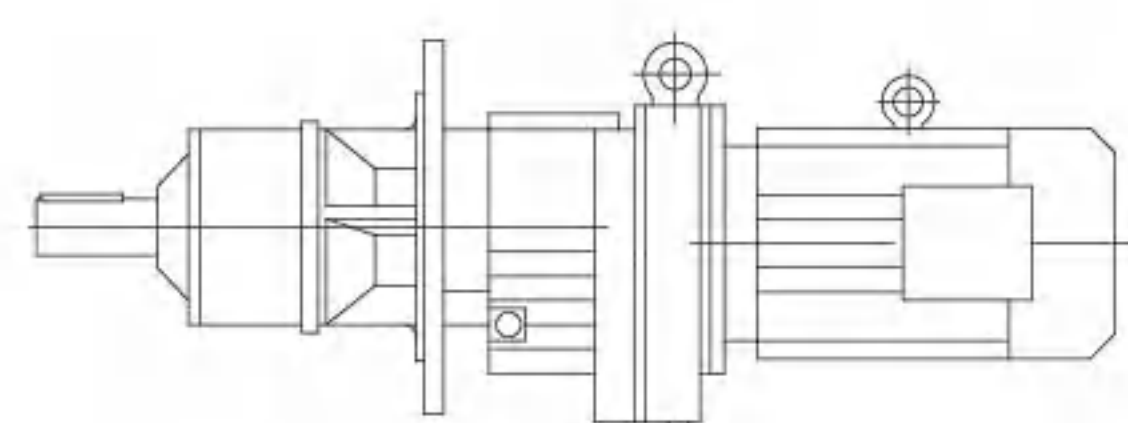
**KH..**  
地脚安装斜齿轮减速机  
Foot – mounted helical geared motor



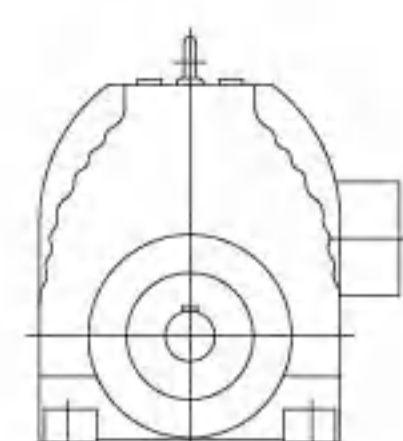
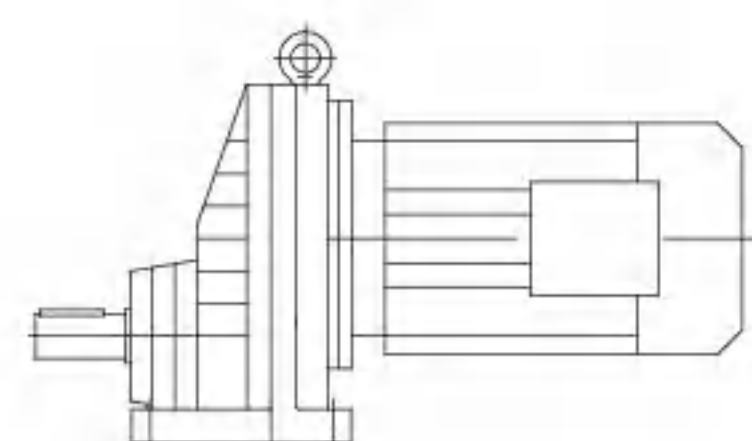
**KHF..**  
法兰安装斜齿轮减速机  
Flange – mounted helical geared motor



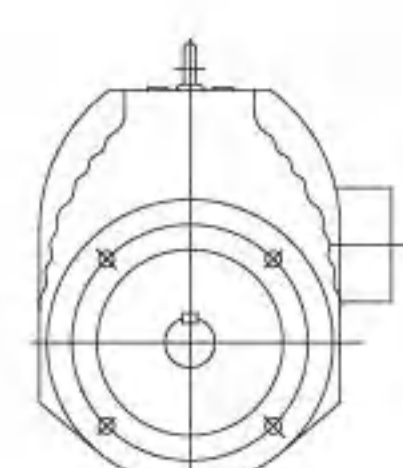
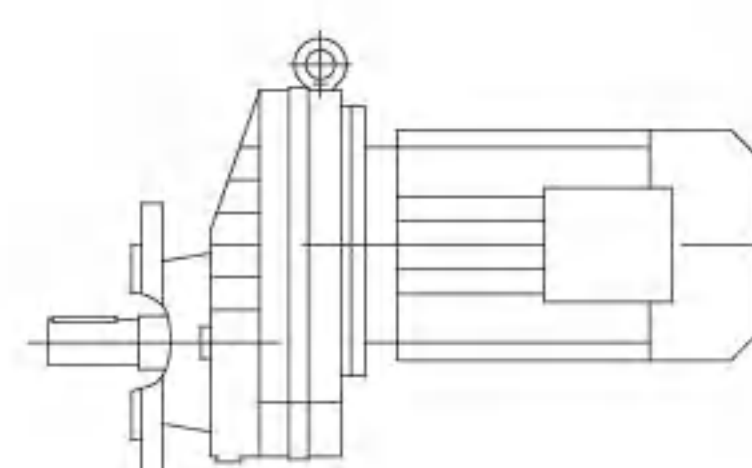
**KH..F**  
地脚法兰安装斜齿轮减速机(仅限于BR17–BR87)  
Foot and Flange – mounted helical geared motor



**KHM..**  
法兰安装带长轴承箱的斜齿轮减速机  
Flange – mounted helical geared motor with extended bearing housing



**KHX..**  
地脚安装单级斜齿轮减速机  
Single – stage Flange – mounted helical geared motor



**KH..F**  
法兰安装单级斜齿轮减速机  
Single – stage Flange – mounted helical geared motor

### 5.2 可行的组合方式

#### 5.2 Type of Combination

以下是斜齿轮减速机与交流（带制动）电机的组合列表。表中给出了每种组合的速比范围：

The following types of helical – bevel motor can be supplied:

| 减速机型号<br>Gear unit size | 级<br>Stages | D63/D71                  | D80                          | D90                        | D100                                          | D112                       | D132S                       | D132M                       |
|-------------------------|-------------|--------------------------|------------------------------|----------------------------|-----------------------------------------------|----------------------------|-----------------------------|-----------------------------|
| KHX/KHXF50              | 1           | 1.65-5.50                | 1.30-4.35                    | 1.30-3.79                  | 1.30-2.64<br>3.14                             | 1.30-2.64                  | 1.30-2.04                   | 1.30-2.04                   |
| KHX/KHXF60              | 1           | 2.04-6.07                | 1.61-5.18                    | 1.40-4.53                  | 1.40-3.77                                     | 1.40-3.20                  | 1.40-2.54                   | 1.40-2.54                   |
| KHX/KHXF70              | 1           | 2.70-8.00                | 2.13-6.41                    | 1.42-5.63                  | 1.42-4.73                                     | 1.42-4.04                  | 1.42-3.25                   | 1.42-3.25                   |
| KHX/KHXF80              | 1           |                          | 3.09-8.65                    | 2.15-7.63                  | 1.60-6.45                                     | 1.60-5.56                  | 1.39-4.50                   | 1.39-4.50                   |
| KHX/KHXF90              | 1           |                          | 4.04-8.23                    | 2.92-8.23                  | 2.24-8.23                                     | 2.24-7.16                  | 1.42-5.79                   | 1.42-5.79                   |
| KHX/KHXF100             | 1           |                          |                              |                            | 2.64-6.63                                     | 2.64-6.63                  | 1.71-6.63                   | 1.71-6.63                   |
| KH/KHF10                | 2           | 3.83-25.23               | 3.83-19.71                   |                            |                                               |                            |                             |                             |
| KH/KHF10                | 3           | 24.07-81.64              | 24.07-81.64                  | 3.37-8.16                  |                                               |                            |                             |                             |
| KH/KHF20                | 2           | 3.37-28.37               | 3.37-22.32                   | 10.13-19.35                | 3.37-6.59<br>10.13-15.63                      |                            |                             |                             |
| KH/KHF20                | 3           | 24.47-135.09             | 24.47-105.49                 | 24.47-48.17<br>61.30-90.96 | 24.47-32.47<br>39.25<br>61.30<br>74.11        |                            |                             |                             |
| KH/KHF30                | 2           | 3.41-28.32               | 3.41-22.27                   | 3.41-19.31                 | 3.41-15.60                                    |                            |                             |                             |
| KH/KHF30                | 3           | 24.42-134.82             | 24.42-105.28                 | 24.42-48.08<br>61.18-90.77 | 24.42-32.40<br>39.17<br>61.18<br>73.96        |                            |                             |                             |
| KH/KHF40                | 2           | 4.85-7.76<br>10.15-33.79 | 3.83-26.74                   | 3.83-23.26                 | 3.83-16.22<br>19.27                           | 3.83-16.22                 | 3.83-6.00<br>8.01-12.54     | 3.83-6.00<br>8.01-12.54     |
| KH/KHF40                | 3           | 29.88-176.88             | 23.59-139.99                 | 23.59-121.87               | 23.59-47.75<br>56-73<br>76.23-84.90<br>100.86 | 23.59-47.75                |                             | 23.59-36.93                 |
| KH/KHF50                | 2           | 6.41-9.06<br>11.88-26.31 | 5.05-26.31                   | 4.39-26.31                 | 4.39-21.93                                    | 4.39-18.60                 | 4.39-7.97<br>9.35-14.77     | 4.39-7.97<br>9.35-14.77     |
| KH/KHF50                | 3           | 30.18-186.89             | 26.97-147.92                 | 26.97-128.77               | 26.97-48.23<br>57.29<br>80.55-89.71<br>106.58 | 26.97-48.23<br>80.55-89.71 | 26.97-37.30                 | 26.97-37.30                 |
| KH/KHF60                | 2           | 6.27-7.79<br>12.70-28.13 | 4.93-7.79<br>10.00-28.13     | 4.93-28.13                 | 4.29-23.44                                    | 4.29-19.89                 | 4.29-15.79                  | 4.29-15.79                  |
| KH/KHF60                | 3           | 32.27-199.81             | 28.83-158.14                 | 28.83-137.67               | 28.83-51.56<br>61.26-95.91<br>113.94          | 28.83-51.56<br>69.75-95.91 | 28.83-39.88<br>69.75-74.17  | 28.83-39.88<br>69.75-74.17  |
| KH/KHF70                | 2           | 8.59<br>15.60-23.37      | 6.79-8.59<br>12.33-23.37     | 5.31-23.37                 | 5.31-23.37                                    | 5.31-23.37                 | 5.31-18.80                  | 5.31-18.80                  |
| KH/KHF70                | 3           | 36.83-195.24             | 29.00-166.59                 | 25.23-145.67               | 25.23-121.42                                  | 25.23-102.99               | 25.23-45.81<br>65.77-81.80  | 25.23-45.81<br>65.77-81.80  |
| KH/KHF80                | 2           |                          | 19.10-34.40                  | 7.13-9.14<br>13.33-34.40   | 5.30-34.40                                    | 5.30-34.40                 | 5.30-27.84                  | 5.30-27.84                  |
| KH/KHF80                | 3           |                          | 41.74-246.54                 | 27.88-216.54               | 27.88-181.77                                  | 27.88-155.34               | 27.88-63.68<br>81.92-124.97 | 27.88-63.68<br>81.92-124.97 |
| KH/KHF90                | 2           |                          | 22.37-32.05                  | 9.29<br>16.17-32.05        | 7.12-9.26<br>12.39-32.05                      | 7.12-9.29<br>12.39-32.05   | 4.50-32.05                  | 4.50-32.05                  |
| KH/KHF90                | 3           |                          | 53.21-65.21<br>103.44-289.74 | 37.13-255.71               | 27.58-216.28                                  | 27.58-150.78               | 27.58-150.78                | 27.58-150.78                |
| KH/KHF100               | 2           |                          |                              |                            | 15.65-30.77                                   | 5.82-7.86<br>10.13-30.77   | 5.82-7.86<br>10.13-30.77    | 5.82-7.86<br>10.13-30.77    |
| KH/KHF100               | 3           |                          |                              |                            |                                               | 40.37-251.15               | 29.49-203.16                | 29.49-203.16                |
| KH/KHF130               | 2           |                          |                              |                            | 40.137-251.15                                 |                            | 7.59<br>12.83-29.57         | 7.59<br>12.83-29.57         |
| KH/KHF130               | 3           |                          |                              |                            |                                               |                            | 32.91-222.60                | 32.91-222.60                |



续 表

| 减速机型号<br>Gear unit size | 级<br>Stages | D132ML                      | D160M                       | D160L                       | D180                        | D200                        | D225                        | D250M                       |
|-------------------------|-------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| KHX/KHXF70              | 1           | 1.42-2.43                   | 1.42-2.43                   |                             |                             |                             |                             |                             |
| KHX/KHXF80              | 1           | 1.39-3.48                   | 1.39-3.48                   | 1.39-3.48                   | 1.39-2.76                   |                             |                             |                             |
| KHX/KHXF90              | 1           | 1.42-4.52                   | 1.42-4.52                   | 1.42-4.52                   | 1.42-3.64                   | 1.42-29.2                   |                             |                             |
| KHX/KHXF100             | 1           | 1.44-5.19                   | 1.44-5.19                   | 1.44-5.19                   | 1.44-4.20                   | 1.44-3.38                   | 1.44-3.38                   |                             |
| KH/KHF70                | 2           | 5.31-7.74<br>9.64-14.05     | 5.31-7.74<br>9.64-14.05     |                             |                             |                             |                             |                             |
| KH/KHF70                | 3           | 25.31-7.74                  | 25.31-7.74                  |                             |                             |                             |                             |                             |
| KH/KHF80                | 2           | 5.30-21.51                  | 5.30-21.51                  | 5.30-21.51                  | 5.30-17.08                  |                             |                             |                             |
| KH/KHF80                | 3           | 27.88-47.58<br>81.92-93.38  | 27.88-47.58<br>81.92-93.38  | 27.88-47.58<br>81.92-93.38  | 27.88-36.84                 |                             |                             |                             |
| KH/KHF90                | 2           | 4.50-25.03                  | 4.50-25.03                  | 4.50-25.03                  | 4.50-20.14                  | 4.50-16.17                  |                             |                             |
| KH/KHF90                | 3           | 27.85-59.92<br>72.17-116.48 | 27.85-59.92<br>72.17-116.48 | 27.85-59.92<br>72.17-116.48 | 27.58-47.58<br>72.17-92.48  | 27.58-37.13<br>72.17        |                             |                             |
| KH/KHF100               | 2           | 4.92-30.77                  | 4.92-30.77                  | 4.92-30.77                  | 4.92-24.90                  | 4.92-20.70                  | 4.92-20.70                  |                             |
| KH/KHF100               | 3           | 29.49-158.68                | 29.49-158.68                | 29.49-158.68                | 29.49-65.60<br>78.57-127.68 | 29.49-52.68<br>78.57-102.53 | 29.49-52.68<br>78.57-102.53 |                             |
| KH/KHF130               | 2           | 6.38-7.59<br>10.79-29.57    | 6.38-7.59<br>10.79-29.57    | 6.38-7.59<br>10.79-29.57    | 5.15-29.57                  | 5.15-24.12                  | 5.15-24.12                  | 5.15-19.04                  |
| KH/KHF130               | 3           | 27.83-174.40                | 27.83-174.40                | 27.83-174.40                | 27.83-141.12                | 27.83-65.20<br>88.70-113.72 | 27.83-65.20<br>88.70-113.72 | 27.83-50.86<br>88.70        |
| KH/KHF140               | 2           | 7.25<br>11.99-20.44         | 7.25<br>11.99-20.44         | 7.25<br>11.99-20.44         | 5.89-7.25<br>9.74-20.44     | 5.00-20.44                  | 5.00-20.44                  | 5.00-20.44                  |
| KH/KHF140               | 3           | 29.95-163.31                | 29.95-163.31                | 29.95-163.31                | 24.19-146.91                | 24.19-119.86                | 24.19-119.86                | 24.19-52.87<br>72.09-84.60  |
| KH/KHF160               | 2           |                             | 14.48-46.00                 | 14.48-46.00                 | 11.99-37.74                 | 10.24-30.71                 | 10.24-30.71                 | 10.24-24.57                 |
| KH/KHF160               | 3           |                             | 34.41-229.71                | 34.41-229.71                | 27.96-186.93                | 23.71-153.07                | 23.71-153.07                | 23.71-58.65<br>82.91-121.81 |

| 减速机型号<br>Gear unit size | 级<br>Stages | D280                        | D315                       | D315-A/B    |  |  |  |  |
|-------------------------|-------------|-----------------------------|----------------------------|-------------|--|--|--|--|
| KH/KHF140               | 2           | 5.00-20.44                  |                            |             |  |  |  |  |
| KH/KHF140               | 3           | 24.19-52.87<br>72.09-94.60  |                            |             |  |  |  |  |
| KH/KHF160               | 2           | 10.24-24.57                 | 10.24-19.03                | 10.24-14.48 |  |  |  |  |
| KH/KHF160               | 3           | 23.71-58.65<br>82.91-121.81 | 23.71-44.87<br>82.91-93.19 | 23.71-34.41 |  |  |  |  |

5.3 速比与最大扭矩

5.3 Ratio and max torque

KHX50-100  $n_e=1400$  1/min

| KHX50 70Nm |                  |                    |                 |                 |
|------------|------------------|--------------------|-----------------|-----------------|
| i          | $n_a$<br>[1/min] | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] | AD              |
| 5.50       | 255              | 39                 | 3080            | AD <sub>2</sub> |
| 5.07       | 276              | 36                 | 3030            |                 |
| 4.35       | 322              | 68                 | 2640            |                 |
| 3.79       | 369              | 69                 | 2480            |                 |
| 3.55       | 394              | 65                 | 2420            |                 |
| 3.14       | 446              | 67                 | 2320            |                 |
| 2.91       | 481              | 69                 | 2170            |                 |
| 2.64       | 530              | 69                 | 1810            |                 |
| 2.37       | 591              | 69                 | 1500            | AD <sub>3</sub> |
| 2.04       | 686              | 69                 | 1070            |                 |
| 1.92       | 729              | 69                 | 890             |                 |
| 1.65       | 848              | 69                 | 430             |                 |
| 1.48       | 946              | 68                 | 112             |                 |
| 1.30       | 1075             | 63                 | 132             |                 |

| KHX60 135Nm |                  |                    |                 |                 |
|-------------|------------------|--------------------|-----------------|-----------------|
| i           | $n_a$<br>[1/min] | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] | AD              |
| 6.07        | 231              | 43                 | 4010            | AD <sub>2</sub> |
| 5.18        | 270              | 75                 | 3580            |                 |
| 4.53        | 309              | 82                 | 3350            |                 |
| 4.30        | 326              | 80                 | 3300            |                 |
| 3.77        | 371              | 87                 | 3090            |                 |
| 3.20        | 438              | 100                | 2800            |                 |
| 2.89        | 484              | 106                | 2640            | AD <sub>3</sub> |
| 2.54        | 551              | 118                | 2000            |                 |
| 2.40        | 583              | 123                | 1530            |                 |
| 2.04        | 686              | 134                | 230             |                 |
| 1.86        | 753              | 126                | 225             |                 |
| 1.61        | 870              | 114                | 245             |                 |
| 1.40        | 1000             | 104                | 205             |                 |

| KHX70 215Nm |                  |                    |                 |                 |
|-------------|------------------|--------------------|-----------------|-----------------|
| i           | $n_a$<br>[1/min] | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] | AD              |
| 8.00        | 175              | 57                 | 6330            | AD <sub>2</sub> |
| 7.47        | 187              | 53                 | 6200            |                 |
| 6.41        | 218              | 103                | 5600            |                 |
| 5.63        | 249              | 110                | 5300            |                 |
| 5.35        | 262              | 103                | 5240            |                 |
| 4.73        | 296              | 123                | 4900            |                 |
| 4.04        | 347              | 143                | 4500            | AD <sub>3</sub> |
| 3.70        | 378              | 153                | 4290            |                 |
| 3.25        | 431              | 182                | 3200            | AD <sub>4</sub> |
| 3.08        | 455              | 193                | 2560            |                 |
| 2.70        | 519              | 215                | 1110            |                 |
| 2.43        | 576              | 215                | 510             |                 |
| 2.13        | 657              | 200                | 435             |                 |
| 1.88        | 745              | 187                | 335             |                 |
| 1.67        | 838              | 173                | 315             |                 |
| 1.42        | 986              | 155                | 315             |                 |

| KHX80 400Nm |                  |                    |                 |                 |
|-------------|------------------|--------------------|-----------------|-----------------|
| i           | $n_a$<br>[1/min] | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] | AD              |
| 8.65        | 162              | 139                | 7890            | AD <sub>2</sub> |
| 7.63        | 183              | 149                | 7490            |                 |
| 7.20        | 194              | 140                | 7380            |                 |
| 6.45        | 217              | 192                | 6850            | AD <sub>3</sub> |
| 5.56        | 252              | 225                | 6320            |                 |
| 5.07        | 276              | 250                | 5980            |                 |
| 4.50        | 311              | 290                | 5500            | AD <sub>4</sub> |
| 3.78        | 370              | 305                | 5030            |                 |
| 3.48        | 402              | 405                | 2730            | AD <sub>5</sub> |
| 3.09        | 453              | 405                | 1950            |                 |
| 2.76        | 507              | 405                | 1200            |                 |
| 2.48        | 565              | 405                | 470             |                 |
| 2.14        | 651              | 385                | 42              |                 |
| 1.93        | 725              | 355                | 185             |                 |
| 1.60        | 875              | 315                | 74              |                 |
| 1.39        | 1005             | 290                | 74              |                 |

| KHX90 600Nm |                  |                    |                 |                 |
|-------------|------------------|--------------------|-----------------|-----------------|
| i           | $n_a$<br>[1/min] | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] | AD              |
| 8.23        | 170              | 225                | 9560            | AD <sub>3</sub> |
| 7.16        | 196              | 260                | 8950            |                 |
| 6.56        | 213              | 300                | 8500            |                 |
| 5.79        | 242              | 420                | 7630            | AD <sub>4</sub> |
| 4.91        | 285              | 395                | 7220            |                 |
| 4.52        | 310              | 595                | 6180            | AD <sub>5</sub> |
| 4.04        | 384              | 595                | 5380            |                 |
| 3.64        | 385              | 595                | 4530            |                 |
| 3.30        | 434              | 595                | 3730            |                 |
| 2.92        | 479              | 595                | 2810            |                 |
| 2.64        | 530              | 595                | 1980            |                 |
| 2.24        | 625              | 595                | 495             |                 |
| 1.96        | 714              | 570                | 19              |                 |
| 1.64        | 854              | 505                | 51              |                 |
| 1.42        | 986              | 455                | 132             | AD <sub>6</sub> |

| KHX100 830Nm |                  |                    |                 |                 |
|--------------|------------------|--------------------|-----------------|-----------------|
| i            | $n_a$<br>[1/min] | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] | AD              |
| 6.63         | 211              | 460                | 9700            | AD <sub>4</sub> |
| 5.61         | 250              | 455                | 9080            |                 |
| 5.19         | 270              | 695                | 7850            | AD <sub>5</sub> |
| 4.65         | 301              | 695                | 7450            |                 |
| 4.20         | 333              | 830                | 6420            |                 |
| 3.81         | 367              | 830                | 5550            |                 |
| 3.38         | 414              | 830                | 4490            |                 |
| 3.07         | 456              | 830                | 3600            | AD <sub>6</sub> |
| 2.64         | 580              | 830                | 2210            |                 |
| 2.30         | 609              | 830                | 950             |                 |
| 1.95         | 718              | 765                | 600             |                 |
| 1.71         | 819              | 705                | 525             |                 |
| 1.44         | 972              | 645                | 360             |                 |



KH 10-30 n<sub>e</sub>=1400 1/min

| KH10    |                           | 85Nm                      |                        |
|---------|---------------------------|---------------------------|------------------------|
| i       | n <sub>a</sub><br>[1/min] | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] |
| 3-stage |                           |                           |                        |
| 81.64   | 17                        | 85                        | 1890                   |
| 70.39   | 20                        | 85                        | 1890                   |
| 65.61   | 21                        | 85                        | 1890                   |
| 57.35   | 24                        | 85                        | 1890                   |
| 53.76   | 26                        | 85                        | 1890                   |
| 47.44   | 30                        | 85                        | 1890                   |
| 44.18   | 32                        | 85                        | 1890                   |
| 38.61   | 36                        | 85                        | 1890                   |
| 36.20   | 39                        | 85                        | 1890                   |
| 31.94   | 44                        | 85                        | 1870                   |
| 28.32   | 49                        | 85                        | 1780                   |
| 24.07   | 58                        | 85                        | 1650                   |
| 2-stage |                           |                           |                        |
| 25.23   | 55                        | 85                        | 1690                   |
| 23.15   | 60                        | 85                        | 1620                   |
| 19.71   | 71                        | 85                        | 1500                   |
| 16.99   | 82                        | 85                        | 1400                   |
| 15.84   | 88                        | 85                        | 1350                   |
| 13.84   | 101                       | 85                        | 1270                   |
| 12.98   | 108                       | 85                        | 1230                   |
| 11.45   | 122                       | 81                        | 1180                   |
| 10.15   | 138                       | 77                        | 1140                   |
| 8.63    | 162                       | 72                        | 1090                   |
| 7.55    | 185                       | 56                        | 1040                   |
| 7.04    | 199                       | 55                        | 1010                   |
| 6.15    | 228                       | 54                        | 950                    |
| 5.76    | 243                       | 53                        | 930                    |
| 5.09    | 275                       | 51                        | 890                    |
| 4.51    | 310                       | 48                        | 870                    |
| 3.83    | 366                       | 45                        | 830                    |

| KH20    |                           |                           |                        | 130Nm           |  |
|---------|---------------------------|---------------------------|------------------------|-----------------|--|
| i       | n <sub>a</sub><br>[1/min] | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] | AD              |  |
| 3-stage |                           |                           |                        |                 |  |
| 135.09  | 10                        | 130                       | 4230                   | AD <sub>1</sub> |  |
| 123.91  | 11                        | 130                       | 4230                   |                 |  |
| 105.49  | 13                        | 130                       | 4230                   |                 |  |
| 90.96   | 15                        | 130                       | 4230                   |                 |  |
| 84.78   | 17                        | 130                       | 4230                   |                 |  |
| 74.11   | 19                        | 130                       | 4230                   | AD <sub>1</sub> |  |
| 69.47   | 20                        | 130                       | 4180                   |                 |  |
| 61.30   | 23                        | 130                       | 3980                   |                 |  |
| 55.87   | 25                        | 130                       | 3840                   |                 |  |
| 48.17   | 29                        | 130                       | 3630                   |                 |  |
| 44.90   | 31                        | 130                       | 3530                   |                 |  |
| 39.25   | 36                        | 130                       | 3350                   |                 |  |
| 36.79   | 38                        | 130                       | 3260                   |                 |  |
| 32.47   | 43                        | 130                       | 3100                   |                 |  |
| 28.78   | 49                        | 130                       | 2950                   |                 |  |
| 14.47   | 57                        | 130                       | 2770                   | AD <sub>2</sub> |  |
| 2-stage |                           |                           |                        |                 |  |
| 28.37   | 49                        | 130                       | 2940                   |                 |  |
| 26.09   | 54                        | 130                       | 2840                   |                 |  |
| 22.32   | 63                        | 130                       | 2660                   |                 |  |
| 19.35   | 72                        | 130                       | 2510                   |                 |  |
| 18.08   | 77                        | 130                       | 2440                   |                 |  |
| 15.63   | 90                        | 130                       | 2290                   |                 |  |
| 13.28   | 105                       | 130                       | 240                    |                 |  |
| 11.86   | 118                       | 129                       | 1990                   |                 |  |
| 10.13   | 138                       | 122                       | 1890                   |                 |  |
| 9.41    | 149                       | 122                       | 900                    |                 |  |
| 8.16    | 172                       | 116                       | 870                    |                 |  |
| 7.63    | 183                       | 112                       | 900                    |                 |  |
| 6.59    | 212                       | 106                       | 880                    |                 |  |
| 5.60    | 250                       | 99                        | 880                    |                 |  |
| 5.00    | 280                       | 95                        | 860                    |                 |  |
| 4.27    | 328                       | 87                        | 920                    |                 |  |
| 4.00    | 350                       | 85                        | 910                    |                 |  |
| 3.37    | 415                       | 79                        | 900                    |                 |  |

| KH30    |                           |                           | 200Nm                  |                 |
|---------|---------------------------|---------------------------|------------------------|-----------------|
| i       | n <sub>a</sub><br>[1/min] | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] | AD              |
| 3-stage |                           |                           |                        |                 |
| 134.82  | 10                        | 200                       | 4950                   | AD <sub>1</sub> |
| 123.66  | 11                        | 200                       | 4950                   |                 |
| 105.28  | 13                        | 200                       | 4950                   |                 |
| 90.77   | 15                        | 200                       | 4950                   |                 |
| 84.61   | 17                        | 200                       | 4950                   |                 |
| 73.96   | 19                        | 200                       | 4950                   |                 |
| 69.33   | 20                        | 200                       | 4950                   |                 |
| 61.18   | 23                        | 200                       | 4950                   |                 |
| 55.76   | 25                        | 200                       | 4950                   |                 |
|         |                           |                           |                        |                 |
| 48.08   | 29                        | 200                       | 4950                   | AD <sub>2</sub> |
| 44.81   | 31                        | 200                       | 4950                   |                 |
| 39.17   | 36                        | 200                       | 4760                   |                 |
| 36.72   | 38                        | 200                       | 4540                   |                 |
| 32.40   | 43                        | 200                       | 4120                   |                 |
| 28.73   | 49                        | 200                       | 3740                   |                 |
| 24.42   | 57                        | 200                       | 3240                   |                 |
| 2-stage |                           |                           |                        |                 |
|         |                           |                           |                        |                 |
| 28.32   | 49                        | 200                       | 3690                   | AD <sub>2</sub> |
| 26.03   | 54                        | 185                       | 3860                   |                 |
| 22.27   | 63                        | 200                       | 2970                   |                 |
| 19.31   | 73                        | 200                       | 2570                   |                 |
| 18.05   | 78                        | 200                       | 2390                   |                 |
| 15.60   | 90                        | 200                       | 2010                   |                 |
| 13.25   | 106                       | 190                       | 1880                   |                 |
| 11.83   | 118                       | 183                       | 1810                   |                 |
| 10.11   | 138                       | 170                       | 1820                   |                 |
| 9.47    | 148                       | 167                       | 1760                   |                 |
| 7.97    | 176                       | 156                       | 1720                   |                 |
| 6.67    | 210                       | 144                       | 1000                   |                 |
| 5.67    | 247                       | 142                       | 760                    |                 |
| 5.06    | 277                       | 135                       | 790                    |                 |
| 4.32    | 324                       | 126                       | 820                    |                 |
| 4.05    | 346                       | 122                       | 850                    |                 |
| 3.41    | 411                       | 112                       | 900                    |                 |

KH 40-60 n<sub>e</sub>=1400 1/min

| KH40    |                           |                           |                        | 300Nm           |
|---------|---------------------------|---------------------------|------------------------|-----------------|
| i       | n <sub>a</sub><br>[1/min] | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] | AD              |
| 3-stage |                           |                           |                        |                 |
| 176.88  | 7.9                       | 300                       | 5420                   | AD <sub>2</sub> |
| 162.94  | 8.6                       | 300                       | 5420                   |                 |
| 139.99  | 10                        | 300                       | 5420                   |                 |
| 121.87  | 11                        | 300                       | 5420                   |                 |
| 114.17  | 12                        | 300                       | 5420                   |                 |
| 100.86  | 14                        | 300                       | 5420                   |                 |
| 93.68   | 15                        | 300                       | 5420                   |                 |
| 84.90   | 16                        | 300                       | 5420                   |                 |
| 76.23   | 18                        | 300                       | 5420                   |                 |
| 68.54   | 20                        | 300                       | 5420                   |                 |
| 64.21   | 22                        | 300                       | 5420                   |                 |
| 56.73   | 25                        | 300                       | 5420                   |                 |
| 52.69   | 27                        | 300                       | 5420                   |                 |
| 47.75   | 29                        | 300                       | 5150                   |                 |
| 42.87   | 33                        | 300                       | 4930                   |                 |
| 36.93   | 38                        | 300                       | 4630                   |                 |
| 34.73   | 40                        | 300                       | 4520                   |                 |
| 29.88   | 47                        | 300                       | 4240                   |                 |
| 26.70   | 52                        | 300                       | 4050                   |                 |
| 23.59   | 59                        | 300                       | 3840                   |                 |
| 2-stage |                           |                           |                        |                 |
| 33.79   | 41                        | 240                       | 4690                   | AD <sub>2</sub> |
| 31.13   | 45                        | 220                       | 4610                   |                 |
| 26.74   | 52                        | 300                       | 4050                   |                 |
| 23.28   | 60                        | 300                       | 3820                   |                 |
| 21.81   | 64                        | 300                       | 3710                   |                 |
| 19.27   | 73                        | 295                       | 3530                   |                 |
| 17.89   | 78                        | 290                       | 3390                   |                 |
| 16.22   | 86                        | 275                       | 3350                   |                 |
| 14.56   | 96                        | 265                       | 3230                   |                 |
| 12.54   | 112                       | 250                       | 3080                   |                 |
| 11.79   | 119                       | 245                       | 3020                   |                 |
| 10.15   | 138                       | 230                       | 2890                   |                 |
| 9.07    | 154                       | 220                       | 2780                   |                 |
| 8.01    | 175                       | 205                       | 2690                   |                 |
| 7.76    | 180                       | 163                       | 2720                   |                 |
| 6.96    | 201                       | 159                       | 2620                   |                 |
| 6.00    | 233                       | 156                       | 2740                   |                 |
| 5.64    | 248                       | 155                       | 2410                   |                 |
| 4.85    | 289                       | 150                       | 2280                   |                 |
| 4.34    | 323                       | 146                       | 2190                   |                 |
| 3.83    | 366                       | 144                       | 2090                   | AD <sub>3</sub> |

| KH50    |                           |                           | 450Nm                  |                 |
|---------|---------------------------|---------------------------|------------------------|-----------------|
| i       | n <sub>a</sub><br>[1/min] | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] | AD              |
| 3-stage |                           |                           |                        |                 |
| 186.89  | 7.5                       | 450                       | 7110                   | AD <sub>2</sub> |
| 172.17  | 8.1                       | 450                       | 7110                   |                 |
| 147.92  | 9.5                       | 450                       | 7110                   |                 |
| 128.77  | 11                        | 450                       | 7110                   |                 |
| 120.63  | 12                        | 450                       | 7110                   |                 |
| 106.58  | 13                        | 450                       | 7110                   |                 |
| 98.99   | 14                        | 450                       | 7110                   |                 |
| 89.71   | 16                        | 450                       | 7110                   |                 |
| 80.55   | 17                        | 450                       | 7110                   |                 |
| 69.23   | 20                        | 450                       | 7110                   |                 |
| 64.85   | 22                        | 450                       | 6980                   |                 |
| 57.29   | 24                        | 450                       | 6630                   |                 |
| 53.22   | 26                        | 450                       | 6430                   |                 |
| 48.23   | 29                        | 450                       | 6170                   |                 |
| 43.30   | 32                        | 450                       | 5900                   |                 |
| 37.30   | 38                        | 450                       | 5530                   |                 |
| 35.07   | 40                        | 450                       | 5390                   |                 |
| 30.18   | 46                        | 450                       | 5050                   |                 |
| 26.97   | 52                        | 450                       | 4800                   |                 |
| 2-stage |                           |                           |                        |                 |
| 26.31   | 53                        | 450                       | 4750                   | AD <sub>2</sub> |
| 24.99   | 56                        | 450                       | 4640                   |                 |
| 21.93   | 64                        | 450                       | 4370                   |                 |
| 18.60   | 75                        | 450                       | 4050                   |                 |
| 16.79   | 83                        | 450                       | 3860                   |                 |
| 14.77   | 95                        | 435                       | 3690                   |                 |
| 13.95   | 100                       | 430                       | 3610                   | AD <sub>3</sub> |
| 11.88   | 118                       | 405                       | 3430                   |                 |
| 10.79   | 130                       | 390                       | 3330                   |                 |
| 9.35    | 150                       | 370                       | 3180                   |                 |
| 9.06    | 155                       | 375                       | 2010                   |                 |
| 7.97    | 176                       | 355                       | 2020                   |                 |
| 7.53    | 186                       | 350                       | 1950                   |                 |
| 6.41    | 218                       | 335                       | 1770                   |                 |
| 5.82    | 241                       | 320                       | 1820                   |                 |
| 5.05    | 277                       | 305                       | 1730                   |                 |
| 4.39    | 319                       | 280                       | 1900                   |                 |

| KH60    |                           |                           |                        | 600Nm           |
|---------|---------------------------|---------------------------|------------------------|-----------------|
| i       | n <sub>a</sub><br>[1/min] | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] | AD              |
| 3-stage |                           |                           |                        |                 |
| 199.81  | 7.0                       | 600                       | 7170                   | AD <sub>2</sub> |
| 184.07  | 7.6                       | 600                       | 7170                   |                 |
| 158.14  | 8.9                       | 600                       | 7170                   |                 |
| 138.67  | 10                        | 600                       | 7170                   |                 |
| 128.97  | 11                        | 600                       | 7170                   |                 |
| 113.94  | 12                        | 600                       | 7170                   |                 |
| 105.83  | 13                        | 600                       | 7170                   |                 |
| 95.91   | 15                        | 600                       | 7170                   |                 |
| 86.11   | 16                        | 600                       | 7170                   |                 |
| 74.17   | 19                        | 600                       | 7170                   |                 |
| 69.75   | 20                        | 600                       | 7170                   |                 |
| 61.26   | 23                        | 600                       | 7170                   |                 |
| 56.89   | 25                        | 600                       | 7170                   |                 |
| 51.56   | 27                        | 600                       | 7170                   |                 |
| 46.29   | 30                        | 600                       | 7170                   |                 |
| 39.88   | 35                        | 580                       | 7410                   |                 |
| 37.50   | 37                        | 570                       | 7530                   |                 |
| 32.27   | 43                        | 540                       | 7850                   |                 |
| 28.83   | 49                        | 520                       | 8050                   |                 |
| 2-stage |                           |                           |                        |                 |
| 28.13   | 50                        | 540                       | 7850                   | AD <sub>2</sub> |
| 26.72   | 52                        | 540                       | 7850                   |                 |
| 23.44   | 60                        | 560                       | 7640                   |                 |
| 19.89   | 70                        | 600                       | 7170                   | AD <sub>3</sub> |
| 17.95   | 78                        | 590                       | 7290                   |                 |
| 15.79   | 89                        | 560                       | 7130                   |                 |
| 14.91   | 94                        | 550                       | 6980                   |                 |
| 12.70   | 110                       | 520                       | 6650                   |                 |
| 11.54   | 121                       | 500                       | 6500                   |                 |
| 10.00   | 140                       | 470                       | 6220                   |                 |
| 8.70    | 161                       | 440                       | 5960                   |                 |
| 7.79    | 180                       | 380                       | 5830                   |                 |
| 7.36    | 190                       | 370                       | 5790                   |                 |
| 6.27    | 223                       | 330                       | 5590                   |                 |
| 5.70    | 246                       | 310                       | 5450                   |                 |
| 4.93    | 284                       | 290                       | 5210                   |                 |
| 4.29    | 326                       | 270                       | 5000                   |                 |



KH70-90     $n_e=1400$     1/min

| KH70    |                           |                           |                        | 820Nm           |  |
|---------|---------------------------|---------------------------|------------------------|-----------------|--|
| i       | n <sub>a</sub><br>[1/min] | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] | AD              |  |
| 3-stage |                           |                           |                        |                 |  |
| 195.24  | 7.2                       | 820                       | 9920                   | AD <sub>2</sub> |  |
| 166.59  | 8.4                       | 820                       | 9920                   |                 |  |
| 145.67  | 9.6                       | 820                       | 9920                   |                 |  |
| 138.39  | 10                        | 820                       | 9920                   |                 |  |
| 121.42  | 12                        | 820                       | 9920                   |                 |  |
| 102.99  | 14                        | 820                       | 9920                   |                 |  |
| 92.97   | 15                        | 820                       | 9920                   |                 |  |
| 81.80   | 17                        | 820                       | 9920                   |                 |  |
| 77.24   | 18                        | 820                       | 9920                   |                 |  |
| 65.77   | 21                        | 820                       | 9920                   |                 |  |
| 57.68   | 24                        | 820                       | 9920                   |                 |  |
| 52.07   | 27                        | 820                       | 9920                   |                 |  |
| 45.81   | 31                        | 820                       | 9920                   |                 |  |
| 43.26   | 32                        | 820                       | 9920                   |                 |  |
| 36.83   | 38                        | 820                       | 9920                   |                 |  |
| 33.47   | 42                        | 820                       | 9920                   |                 |  |
| 29.00   | 48                        | 820                       | 9920                   |                 |  |
| 25.23   | 55                        | 780                       | 10100                  |                 |  |
| 2-stage |                           |                           |                        |                 |  |
| 23.37   | 60                        | 820                       | 8870                   | AD <sub>3</sub> |  |
| 21.43   | 65                        | 820                       | 8250                   |                 |  |
| 18.80   | 74                        | 780                       | 7980                   |                 |  |
| 17.82   | 79                        | 780                       | 7620                   |                 |  |
| 15.60   | 90                        | 740                       | 7390                   |                 |  |
| 14.05   | 100                       | 720                       | 7050                   |                 |  |
| 12.33   | 114                       | 690                       | 6740                   |                 |  |
| 10.88   | 129                       | 660                       | 6490                   |                 |  |
| 9.64    | 145                       | 630                       | 6300                   |                 |  |
| 8.59    | 163                       | 630                       | 4110                   | AD <sub>4</sub> |  |
| 7.74    | 181                       | 610                       | 3940                   |                 |  |
| 6.79    | 206                       | 580                       | 3850                   |                 |  |
| 5.99    | 234                       | 540                       | 3990                   |                 |  |
| 5.31    | 264                       | 510                       | 3990                   |                 |  |

| KH80    |                  |                    | 1550Nm          |                 |  |
|---------|------------------|--------------------|-----------------|-----------------|--|
| i       | $n_a$<br>[1/min] | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] | AD              |  |
| 3-stage |                  |                    |                 |                 |  |
| 246.54  | 5.7              | 1550               | 16900           | AD <sub>2</sub> |  |
| 216.54  | 6.5              | 1550               | 16900           |                 |  |
| 205.71  | 6.8              | 1550               | 16900           |                 |  |
| 181.77  | 7.7              | 1550               | 16900           |                 |  |
| 155.34  | 9.0              | 1550               | 16900           |                 |  |
| 142.41  | 9.8              | 1550               | 16900           |                 |  |
| 124.97  | 11               | 1550               | 16900           |                 |  |
| 118.43  | 12               | 1550               | 16900           |                 |  |
| 103.65  | 14               | 1550               | 16900           |                 |  |
| 93.38   | 15               | 1550               | 16900           |                 |  |
| 81.92   | 17               | 1550               | 16900           |                 |  |
| 72.57   | 19               | 1550               | 16900           |                 |  |
| 63.68   | 22               | 1550               | 15800           |                 |  |
| 60.35   | 23               | 1550               | 15200           |                 |  |
| 52.82   | 27               | 1550               | 13500           |                 |  |
| 47.58   | 29               | 1550               | 16900           |                 |  |
|         |                  |                    |                 |                 |  |
| 41.74   | 34               | 1550               | 16900           | AD <sub>3</sub> |  |
| 36.84   | 38               | 1550               | 16800           |                 |  |
| 32.66   | 43               | 1550               | 16000           |                 |  |
| 27.88   | 50               | 1550               | 15100           |                 |  |
| 2-stage |                  |                    |                 |                 |  |
| 34.40   | 41               | 1550               | 9480            | AD <sub>3</sub> |  |
| 31.40   | 45               | 1550               | 7820            |                 |  |
|         |                  |                    |                 |                 |  |
| 27.84   | 50               | 1550               | 15000           | AD <sub>4</sub> |  |
| 23.40   | 60               | 1550               | 13900           |                 |  |
| 21.51   | 65               | 1550               | 13600           |                 |  |
| 19.10   | 73               | 1440               | 13000           |                 |  |
| 17.08   | 82               | 1390               | 12600           |                 |  |
| 15.35   | 91               | 1340               | 12100           |                 |  |
| 13.33   | 105              | 1280               | 11600           |                 |  |
| 11.93   | 117              | 1230               | 11200           |                 |  |
| 9.90    | 141              | 1180               | 10400           | AD <sub>5</sub> |  |
| 9.14    | 153              | 1210               | 10500           |                 |  |
| 8.22    | 170              | 1160               | 10200           |                 |  |
| 7.13    | 196              | 1070               | 9780            |                 |  |
| 6.39    | 218              | 1020               | 9450            |                 |  |
| 5.30    | 254              | 910                | 8980            |                 |  |

| KH90    |                  |                     | 3000Nm          |                 |  |
|---------|------------------|---------------------|-----------------|-----------------|--|
| i       | $n_a$<br>[1/min] | $M_{a\max}$<br>[Nm] | $F_{Ra}$<br>[N] | AD              |  |
| 3-stage |                  |                     |                 |                 |  |
| 289.74  | 4.8              | 3000                | 19800           | AD <sub>3</sub> |  |
| 255.71  | 5.5              | 3000                | 19800           |                 |  |
| 241.25  | 5.8              | 3000                | 19800           |                 |  |
| 216.28  | 6.5              | 3000                | 19800           |                 |  |
| 186.30  | 7.5              | 3000                | 19800           |                 |  |
| 170.02  | 8.2              | 3000                | 19800           |                 |  |
| 150.78  | 9.3              | 3000                | 19800           |                 |  |
| 126.75  | 11               | 3000                | 19800           |                 |  |
| 116.48  | 12               | 3000                | 19800           |                 |  |
| 103.44  | 14               | 3000                | 19800           |                 |  |
| 92.48   | 15               | 3000                | 19800           |                 |  |
| 83.15   | 17               | 3000                | 19800           |                 |  |
| 72.17   | 19               | 3000                | 19800           |                 |  |
| 65.21   | 21               | 3000                | 19800           |                 |  |
| 59.92   | 23               | 3000                | 19800           |                 |  |
| 53.21   | 26               | 3000                | 19800           |                 |  |
| 47.58   | 29               | 3000                | 19800           | AD <sub>4</sub> |  |
| 42.78   | 33               | 3000                | 19800           |                 |  |
| 37.13   | 38               | 3000                | 18600           |                 |  |
| 33.25   | 42               | 2890                | 17900           |                 |  |
| 27.58   | 51               | 2670                | 16900           |                 |  |
| 2-stage |                  |                     |                 |                 |  |
| 32.05   | 44               | 2560                | 10600           | AD <sub>4</sub> |  |
| 27.19   | 51               | 2560                | 8380            |                 |  |
| 25.03   | 56               | 2830                | 15900           | AD <sub>5</sub> |  |
| 22.37   | 63               | 2720                | 15300           |                 |  |
| 20.14   | 70               | 2610                | 14800           |                 |  |
| 18.24   | 77               | 2500                | 14400           |                 |  |
| 16.17   | 87               | 2400                | 13800           |                 |  |
| 14.62   | 96               | 2300                | 13400           |                 |  |
| 12.39   | 113              | 2190                | 12700           |                 |  |
| 10.83   | 129              | 2090                | 12100           |                 |  |
| 9.29    | 151              | 2030                | 12200           |                 |  |
| 8.39    | 167              | 2030                | 11700           |                 |  |
| 7.12    | 197              | 2000                | 10900           |                 |  |
| 6.21    | 225              | 1890                | 10500           |                 |  |
| 5.20    | 269              | 1780                | 9850            | AD <sub>6</sub> |  |
| 4.50    | 311              | 1630                | 9500            |                 |  |

KH100-130     $n_e=1400$     1/min

| KH100   |                  |                     | 4300Nm          |                 |  |
|---------|------------------|---------------------|-----------------|-----------------|--|
| i       | $n_a$<br>[1/min] | $M_{a\max}$<br>[Nm] | $F_{Ra}$<br>[N] | AD              |  |
| 3-stage |                  |                     |                 |                 |  |
| 251.15  | 5.6              | 4300                | 29500           | AD <sub>3</sub> |  |
| 229.95  | 6.1              | 4300                | 29500           |                 |  |
| 203.16  | 6.9              | 4300                | 29500           |                 |  |
| 172.34  | 8.1              | 4300                | 29500           |                 |  |
| 158.68  | 8.8              | 4300                | 29500           |                 |  |
| 141.83  | 9.9              | 4300                | 29500           |                 |  |
| 127.68  | 10               | 4300                | 29500           |                 |  |
| 115.63  | 12               | 4300                | 29500           |                 |  |
| 102.53  | 14               | 4300                | 29500           |                 |  |
| 92.70   | 15               | 4300                | 29500           |                 |  |
| 78.57   | 18               | 4300                | 29500           |                 |  |
| 72.88   | 19               | 4300                | 29500           |                 |  |
| 65.60   | 21               | 4300                | 29200           | AD <sub>4</sub> |  |
| 59.41   | 24               | 4300                | 28000           |                 |  |
| 52.68   | 27               | 4300                | 26600           |                 |  |
| 47.63   | 29               | 4300                | 25500           |                 |  |
| 40.37   | 35               | 4300                | 23800           |                 |  |
| 35.26   | 40               | 4300                | 22400           |                 |  |
| 29.49   | 47               | 4300                | 20700           | 2-stage         |  |
| 30.77   | 45               | 4300                | 21100           |                 |  |
| 27.58   | 51               | 4300                | 20100           |                 |  |
| 24.90   | 56               | 4300                | 19200           |                 |  |
| 22.62   | 62               | 4300                | 18300           |                 |  |
| 20.07   | 70               | 4300                | 17300           |                 |  |
| 18.21   | 77               | 4300                | 16600           |                 |  |
| 15.65   | 89               | 4300                | 15400           |                 |  |
| 13.66   | 102              | 4300                | 14400           | AD <sub>5</sub> |  |
| 11.59   | 121              | 4300                | 13300           |                 |  |
| 10.13   | 138              | 4300                | 12400           |                 |  |
| 8.56    | 164              | 4300                | 11300           |                 |  |
| 7.86    | 178              | 2970                | 13800           |                 |  |
| 6.66    | 210              | 2970                | 12800           |                 |  |
| 5.82    | 241              | 2970                | 12100           |                 |  |
| 4.92    | 285              | 2900                | 11300           |                 |  |

| KH130   |                  |                    | 8000Nm          |                 |  |
|---------|------------------|--------------------|-----------------|-----------------|--|
| i       | $n_a$<br>[1/min] | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] | AD              |  |
| 3-stage |                  |                    |                 |                 |  |
| 222.60  | 6.3              | 8000               | 53400           | AD <sub>4</sub> |  |
| 188.45  | 7.4              | 8000               | 53400           |                 |  |
| 174.40  | 8.0              | 8000               | 53400           |                 |  |
| 156.31  | 9.0              | 8000               | 53400           |                 |  |
| 141.12  | 9.9              | 8000               | 53400           |                 |  |
| 128.18  | 11               | 8000               | 53400           |                 |  |
| 113.72  | 12               | 8000               | 53400           |                 |  |
| 103.20  | 14               | 8000               | 53400           |                 |  |
| 88.70   | 16               | 8000               | 53400           |                 |  |
| 80.91   | 17               | 8000               | 53400           |                 |  |
| 73.49   | 19               | 8000               | 53400           |                 |  |
| 65.20   | 21               | 8000               | 53400           |                 |  |
| 59.17   | 24               | 8000               | 53400           |                 |  |
|         |                  |                    |                 |                 |  |
| 50.86   | 28               | 8000               | 53400           | AD <sub>5</sub> |  |
| 44.39   | 32               | 8000               | 53400           |                 |  |
| 37.65   | 37               | 8000               | 53400           |                 |  |
| 32.91   | 43               | 8000               | 53400           |                 |  |
| 27.83   | 50               | 7680               | 54100           |                 |  |
| 2-stage |                  |                    |                 |                 |  |
| 29.57   | 47               | 7780               | 53900           | AD <sub>6</sub> |  |
| 24.12   | 58               | 8000               | 49400           |                 |  |
|         |                  |                    |                 |                 |  |
| 22.00   | 64               | 8000               | 47100           | AD <sub>7</sub> |  |
| 19.04   | 74               | 8000               | 43500           |                 |  |
| 16.80   | 83               | 8000               | 40600           |                 |  |
| 14.51   | 96               | 8000               | 37300           |                 |  |
| 12.83   | 109              | 8000               | 34700           |                 |  |
| 10.79   | 130              | 8000               | 31100           |                 |  |
| 8.71    | 161              | 7840               | 27600           |                 |  |
| 7.59    | 184              | 5110               | 39000           |                 |  |
| 6.38    | 219              | 5110               | 35900           |                 |  |
| 5.15    | 272              | 4600               | 34500           |                 |  |



KH140-160    n<sub>e</sub>=1400   1/min

| KH140   |                           |                           | 13000Nm                |                 |
|---------|---------------------------|---------------------------|------------------------|-----------------|
| i       | n <sub>a</sub><br>[1/min] | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] | AD              |
| 3-stage |                           |                           |                        |                 |
| 168.81  | 8.6                       | 13000                     | 62700                  | AD <sub>4</sub> |
| 146.91  | 9.5                       | 13000                     | 62700                  |                 |
| 119.86  | 12                        | 13000                     | 62700                  |                 |
| 109.31  | 13                        | 13000                     | 62700                  |                 |
| 94.60   | 15                        | 13000                     | 62700                  |                 |
| 83.47   | 17                        | 13000                     | 62700                  |                 |
| 72.09   | 19                        | 13000                     | 62700                  | AD <sub>5</sub> |
| 66.99   | 21                        | 13000                     | 62700                  |                 |
| 61.09   | 23                        | 13000                     | 62700                  |                 |
| 52.87   | 26                        | 13000                     | 62700                  |                 |
| 46.65   | 30                        | 13000                     | 62700                  |                 |
| 40.29   | 35                        | 13000                     | 62700                  | AD <sub>6</sub> |
| 35.64   | 39                        | 13000                     | 62700                  | AD <sub>7</sub> |
| 29.95   | 47                        | 13000                     | 62700                  |                 |
| 24.19   | 58                        | 11900                     | 64700                  |                 |
| 2-stage |                           |                           |                        |                 |
| 20.44   | 68                        | 12000                     | 64600                  | AD <sub>8</sub> |
| 18.04   | 78                        | 10500                     | 67000                  |                 |
| 15.65   | 90                        | 13000                     | 62700                  |                 |
| 13.91   | 101                       | 12600                     | 63400                  |                 |
| 11.99   | 117                       | 13000                     | 60400                  |                 |
| 9.74    | 144                       | 13000                     | 54400                  |                 |
| 8.26    | 169                       | 13000                     | 49900                  |                 |
| 7.25    | 193                       | 8670                      | 58400                  |                 |
| 5.89    | 238                       | 8670                      | 53200                  |                 |
| 5.00    | 280                       | 8670                      | 49300                  |                 |

| KH160   |                           |                           | 18000Nm                |                 |
|---------|---------------------------|---------------------------|------------------------|-----------------|
| i       | n <sub>a</sub><br>[1/min] | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] | AD              |
| 3-stage |                           |                           |                        |                 |
| 229.71  | 6.1                       | 18000                     | 120000                 | AD <sub>5</sub> |
| 186.93  | 7.5                       | 18000                     | 120000                 |                 |
| 153.07  | 9.1                       | 18000                     | 120000                 |                 |
| 139.98  | 10                        | 18000                     | 120000                 |                 |
| 121.81  | 11                        | 18000                     | 120000                 |                 |
| 107.49  | 13                        | 18000                     | 120000                 |                 |
| 93.19   | 15                        | 18000                     | 120000                 |                 |
| 82.91   | 17                        | 18000                     | 120000                 |                 |
| 73.70   | 19                        | 18000                     | 120000                 |                 |
| 67.40   | 21                        | 18000                     | 120000                 | AD <sub>6</sub> |
| 58.65   | 24                        | 18000                     | 120000                 |                 |
| 51.76   | 27                        | 18000                     | 120000                 |                 |
| 44.87   | 31                        | 18000                     | 120000                 | AD <sub>7</sub> |
| 39.92   | 35                        | 18000                     | 120000                 |                 |
| 34.41   | 41                        | 18000                     | 120000                 |                 |
| 27.96   | 50                        | 18000                     | 120000                 | AD <sub>8</sub> |
| 23.71   | 59                        | 18000                     | 116500                 |                 |
| 2-stage |                           |                           |                        |                 |
| 46.00   | 30                        | 7000                      | 120000                 | AD <sub>5</sub> |
| 37.74   | 37                        | 9000                      | 120000                 | AD <sub>6</sub> |
| 30.71   | 46                        | 10000                     | 120000                 |                 |
| 24.57   | 57                        | 14000                     | 120000                 | AD <sub>8</sub> |
| 21.85   | 64                        | 13000                     | 120000                 |                 |
| 19.03   | 74                        | 16000                     | 111400                 |                 |
| 16.98   | 82                        | 15000                     | 108900                 |                 |
| 14.48   | 97                        | 18000                     | 93800                  |                 |
| 11.99   | 117                       | 17000                     | 88700                  |                 |
| 10.24   | 137                       | 17000                     | 82500                  |                 |

KH20/30H10,KH40H30    n<sub>e</sub>=1400   1/min

| KH20KH10                      130Nm |                           |       |      |                           |                        |
|-------------------------------------|---------------------------|-------|------|---------------------------|------------------------|
| i                                   | n <sub>a</sub><br>[1/min] | Stage |      | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] |
|                                     |                           | KH20  | KH10 |                           |                        |
| 8612                                | 0.16                      | 3     | 3    | 130                       | 4230                   |
| 7425                                | 0.19                      | 3     | 3    | 130                       | 4230                   |
| 6921                                | 0.20                      | 3     | 3    | 130                       | 4230                   |
| 6050                                | 0.23                      | 3     | 3    | 130                       | 4230                   |
| 5217                                | 0.27                      | 3     | 3    | 130                       | 4230                   |
| 4661                                | 0.30                      | 3     | 3    | 130                       | 4230                   |
| 473                                 | 0.34                      | 3     | 3    | 130                       | 4230                   |
| 3516                                | 0.40                      | 3     | 3    | 130                       | 4230                   |
| 3160                                | 0.44                      | 3     | 3    | 130                       | 4230                   |
| 2763                                | 0.51                      | 3     | 3    | 130                       | 4230                   |
| 2414                                | 0.58                      | 3     | 3    | 130                       | 4230                   |
| 2110                                | 0.66                      | 3     | 3    | 130                       | 4230                   |
| 1862                                | 0.75                      | 3     | 3    | 130                       | 4230                   |
| 1822                                | 0.77                      | 2     | 3    | 130                       | 4230                   |
| 1625                                | 0.86                      | 3     | 3    | 130                       | 4230                   |
| 1580                                | 0.89                      | 2     | 3    | 130                       | 4230                   |
| 1464                                | 0.96                      | 2     | 3    | 130                       | 4230                   |
| 1434                                | 0.98                      | 3     | 3    | 130                       | 4230                   |
| 1270                                | 1.1                       | 2     | 3    | 130                       | 4230                   |
| 1254                                | 1.1                       | 3     | 3    | 130                       | 4230                   |
| 1101                                | 1.3                       | 3     | 2    | 130                       | 4230                   |
| 1100                                | 1.3                       | 2     | 3    | 130                       | 4230                   |
| 972                                 | 1.4                       | 2     | 3    | 130                       | 4230                   |
| 962                                 | 1.5                       | 3     | 2    | 130                       | 4230                   |
| 848                                 | 1.7                       | 3     | 2    | 130                       | 4230                   |
| 840                                 | 1.7                       | 2     | 3    | 130                       | 4230                   |
| 743                                 | 1.9                       | 3     | 2    | 130                       | 4230                   |
| 741                                 | 1.9                       | 2     | 3    | 130                       | 4230                   |
| 654                                 | 2.1                       | 2     | 3    | 130                       | 4230                   |
| 649                                 | 2.2                       | 3     | 2    | 130                       | 4230                   |
| 567                                 | 2.5                       | 3     | 2    | 130                       | 4230                   |
| 566                                 | 2.5                       | 2     | 3    | 130                       | 4230                   |
| 509                                 | 2.8                       | 3     | 2    | 130                       | 4230                   |
| 499                                 | 2.8                       | 2     | 3    | 130                       | 4230                   |
| 440                                 | 3.2                       | 2     | 2    | 130                       | 4230                   |
| 432                                 | 3.2                       | 3     | 2    | 130                       | 4230                   |
| 387                                 | 3.6                       | 3     | 2    | 130                       | 4230                   |
| 381                                 | 3.7                       | 2     | 2    | 130                       | 4230                   |
| 339                                 | 4.1                       | 3     | 2    | 130                       | 4230                   |
| 329                                 | 4.3                       | 2     | 2    | 130                       | 4230                   |
| 296                                 | 4.7                       | 3     | 2    | 130                       | 4230                   |
| 290                                 | 4.8                       | 2     | 2    | 130                       | 4230                   |
| 259                                 | 5.4                       | 3     | 2    | 130                       | 4230                   |
| 256                                 | 5.5                       | 2     | 2    | 130                       | 4230                   |
| 229                                 | 6.1                       | 3     | 2    | 130                       | 4230                   |
| 227                                 | 6.2                       | 2     | 2    | 130                       | 4230                   |
| 203                                 | 6.9                       | 2     | 2    | 130                       | 4230                   |
| 200                                 | 7.0                       | 3     | 2    | 130                       | 4230                   |
| 179                                 | 7.8                       | 2     | 2    | 130                       | 4230                   |
| 177                                 | 7.9                       | 3     | 2    | 130                       | 4230                   |
| 166                                 | 8.4                       | 3     | 2    | 130                       | 4230                   |
| 156                                 | 9.0                       | 2     | 2    | 130                       | 4230                   |
| 150                                 | 9.3                       | 3     | 2    | 130                       | 4230                   |
| 141                                 | 9.9                       | 3     | 2    | 130                       | 4230                   |
| 135                                 | 10                        | 2     | 2    | 130                       | 4230                   |
| 124                                 | 11                        | 3     | 2    | 130                       | 4230                   |
| 118                                 | 12                        | 2     | 2    | 130                       | 4230                   |
| 110                                 | 13                        | 3     | 2    | 130                       | 4230                   |
| 104                                 | 13                        | 2     | 2    | 130                       | 4230                   |
| 94                                  | 15                        | 3     | 2    | 130                       | 4230                   |
| 90                                  | 16                        | 2     | 2    | 130                       | 4230                   |

| KH30KH10                      200Nm |                           |       |      |                           |                        |
|-------------------------------------|---------------------------|-------|------|---------------------------|------------------------|
| i                                   | n <sub>a</sub><br>[1/min] | Stage |      | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] |
|                                     |                           | KH30  | KH10 |                           |                        |
| 8595                                | 0.16                      | 3     | 3    | 200                       | 4950                   |
| 7411                                | 0.19                      | 3     | 3    | 200                       | 4950                   |
| 6907                                | 1.20                      | 3     | 3    | 200                       | 4950                   |
| 6038                                | 0.23                      | 3     | 3    | 200                       | 4950                   |
| 5206                                | 0.27                      | 3     | 3    | 200                       | 4950                   |
| 4654                                | 0.30                      | 3     | 3    | 200                       | 4950                   |
| 4065                                | 0.34                      | 3     | 3    | 200                       | 4950                   |
| 3658                                | 0.38                      | 3     | 3    | 200                       | 4950                   |
| 3154                                | 0.44                      | 3     | 3    | 200                       | 4950                   |
| 2757                                | 0.51                      | 3     | 3    | 200                       | 4950                   |
| 2409                                | 0.58                      | 3     | 3    | 200                       | 4950                   |
| 2106                                | 0.66                      | 3     | 3    | 200                       | 4950                   |
| 1856                                | 0.75                      | 3     | 3    | 200                       | 4950                   |
| 1818                                | 0.77                      | 2     | 3    | 200                       | 4950                   |
| 1622                                | 0.86                      | 3     | 3    | 200                       | 4950                   |
| 1576                                | 0.89                      | 2     | 3    | 200                       | 4950                   |
| 1431                                | 0.98                      | 3     | 3    | 200                       | 4950                   |
| 1359                                | 1.0                       | 2     | 3    | 200                       | 4950                   |
| 1267                                | 1.1                       | 2     | 3    | 200                       | 4950                   |
| 1251                                | 1.1                       | 3     | 3    | 200                       | 4950                   |
| 1099                                | 1.3                       | 3     | 2    | 200                       | 4950                   |
| 1098                                | 1.3                       | 2     | 3    | 200                       | 4950                   |
| 970                                 | 1.4                       | 2     | 3    | 200                       | 4950                   |
| 960                                 | 1.5                       | 3     | 2    | 200                       | 4950                   |
| 847                                 | 1.7                       | 3     | 2    | 200                       | 4950                   |
| 839                                 | 1.7                       | 2     | 3    | 200                       | 4950                   |
| 741                                 | 1.9                       | 3     | 2    | 200                       | 4950                   |
| 740                                 | 1.9                       | 2     | 3    | 200                       | 4950                   |
| 653                                 | 2.1                       | 2     | 3    | 200                       | 4950                   |
| 647                                 | 2.2                       | 3     | 2    | 200                       | 4950                   |
| 577                                 | 2.4                       | 2     | 3    | 200                       | 4950                   |
| 566                                 | 2.5                       | 3     | 2    | 200                       | 4950                   |
| 508                                 | 2.8                       | 3     | 2    | 200                       | 4950                   |
| 498                                 | 2.8                       | 2     | 3    | 200                       | 4950                   |
| 439                                 | 3.2                       | 2     | 2    | 200                       | 4950                   |
| 431                                 | 3.2                       | 3     | 2    | 200                       | 4950                   |
| 387                                 | 3.6                       | 3     | 2    | 200                       | 4950                   |
| 378                                 | 3.7                       | 2     | 2    | 200                       | 4950                   |
| 338                                 | 4.1                       | 3     | 2    | 200                       | 4950                   |
| 328                                 | 4.3                       | 2     | 2    | 200                       | 4950                   |
| 296                                 | 4.7                       | 3     | 2    | 200                       | 4950                   |
| 289                                 | 4.8                       | 2     | 2    | 200                       | 4950                   |
| 265                                 | 5.3                       | 2     | 2    | 200                       | 4950                   |
| 259                                 | 5.4                       | 3     | 2    | 200                       | 4950                   |
| 228                                 | 6.1                       | 3     | 2    | 200                       | 4950                   |
| 226                                 | 6.2                       | 2     | 2    | 200                       | 4950                   |
| 202                                 | 6.9                       | 2     | 2    | 200                       | 4950                   |
| 199                                 | 7.0                       | 3     | 2    | 200                       | 4950                   |
| 179                                 | 7.8                       | 2     | 2    | 200                       | 4950                   |
| 172                                 | 8.1                       | 3     | 3    | 200                       | 4950                   |
| 156                                 | 9.0                       | 2     | 2    | 200                       | 4950                   |
| 150                                 | 9.3                       | 3     | 3    | 200                       | 4950                   |
| 135                                 | 10                        | 2     | 3    | 200                       | 4950                   |
| 130                                 | 11                        | 3     | 2    | 200                       | 4950                   |
| 127                                 | 11                        | 2     | 3    | 200                       | 4950                   |
| 124                                 | 11                        | 3     | 2    | 200                       | 4950                   |
| 110                                 | 13                        | 3     | 2    | 200                       | 4950                   |
| 104                                 | 13                        | 2     | 3    | 200                       | 4950                   |
| 94                                  | 15                        | 3     | 2    | 200                       | 4950                   |
| 90                                  | 16                        | 2     | 2    | 200                       | 4950                   |

| KH40KH30                      300Nm |                           |       |      |                           |                        |
|-------------------------------------|---------------------------|-------|------|---------------------------|------------------------|
| i                                   | n <sub>a</sub><br>[1/min] | Stage |      | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] |
|                                     |                           | KH40  | KH30 |                           |                        |
| 13598                               | 0.10                      | 3     | 3    | 300                       | 5420                   |
| 12472                               | 0.11                      | 3     | 3    | 300                       | 5420                   |
| 10619                               | 0.13                      | 3     | 3    | 300                       | 5420                   |
| 9155                                | 0.15                      | 3     | 3    | 300                       | 5420                   |
| 8534                                | 0.16                      | 3     | 3    | 300                       | 5420                   |
| 7460                                | 0.19                      | 3     | 3    | 300                       | 5420                   |
| 6993                                | 0.20                      | 3     | 3    | 300                       | 5420                   |
| 6171                                | 0.23                      | 3     | 3    | 300                       | 5420                   |
| 5624                                | 0.25                      | 3     | 3    | 300                       | 5420                   |
| 4849                                | 0.29                      | 3     | 3    | 300                       | 5420                   |
| 4520                                | 0.31                      | 3     | 3    | 300                       | 5420                   |
| 3951                                | 0.35                      | 3     | 3    | 300                       | 5420                   |
| 3704                                | 0.38                      | 3     | 3    | 300                       | 5420                   |
| 3268                                | 0.43                      | 3     | 3    | 300                       | 5420                   |
| 2898                                | 0.48                      | 3     | 3    | 300                       | 5420                   |
| 2856                                | 0.49                      | 3     | 2    | 300                       | 5420                   |
| 2625                                | 0.53                      | 3     | 2    | 300                       | 5420                   |
| 2598                                | 0.54                      | 2     | 3    | 300                       | 5420                   |
| 2463                                | 0.57                      | 3     | 3    | 300                       | 5420                   |
| 2383                                | 0.59                      | 2     | 3    | 300                       | 5420                   |
| 2246                                | 0.62                      | 3     | 2    | 300                       | 5420                   |
| 2029                                | 0.69                      | 2     | 3    | 300                       | 5420                   |
| 1948                                | 0.72                      | 3     | 2    | 300                       | 5420                   |
| 1821                                | 0.77                      | 3     | 2    | 300                       | 5420                   |
| 1749                                | 0.80                      | 2     | 3    | 300                       | 5420                   |
| 1630                                | 0.86                      | 2     | 3    | 300                       | 5420                   |
| 1573                                | 0.89                      | 2     | 2    | 300                       | 5420                   |
| 1425                                | 0.98                      | 3     | 3    | 300                       | 5420                   |
| 1336                                | 1.0                       | 2     | 3    | 300                       | 5420                   |
| 1193                                | 1.2                       | 3     | 2    | 300                       | 5420                   |
| 1179                                | 1.2                       | 2     | 3    | 300                       | 5420                   |
| 1074                                | 1.3                       | 2     | 3    | 300                       | 5420                   |
| 1020                                | 1.4                       | 3     | 2    | 300                       | 5420                   |
| 955                                 | 1.5                       | 3     | 2    | 300                       | 5420                   |
| 927                                 | 1.5                       | 2     | 3    | 300                       | 5420                   |
| 863                                 | 1.6                       | 2     | 3    | 300                       | 5420                   |
| 804                                 | 1.7                       | 3     | 2    | 300                       | 5420                   |
| 755                                 | 1.9                       | 2     | 3    | 300                       | 5420                   |
| 708                                 | 2.0                       | 2     | 3    | 300                       | 5420                   |
| 673                                 | 2.1                       | 3     | 2    | 300                       | 5420                   |
| 624                                 | 2.2                       | 2     | 3    | 300                       | 5420                   |
| 572                                 | 2.4                       | 3     | 2    | 300                       | 5420                   |
| 554                                 | 2.5                       | 2     | 3    | 300                       | 5420                   |
| 546                                 | 2.6                       | 2     | 2    | 300                       | 5420                   |



KH50/60/70H30  $n_e=1400$  1/min

| KH50H30 450Nm |                  |                    |                    |                 |  |
|---------------|------------------|--------------------|--------------------|-----------------|--|
| i             | $n_a$<br>[1/min] | Stage<br>KH50 KH30 | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] |  |
| 14369         | 0.10             | 3 3                | 450                | 7110            |  |
| 12095         | 0.12             | 3 3                | 450                | 7110            |  |
| 10860         | 0.13             | 3 3                | 450                | 7110            |  |
| 9445          | 0.15             | 3 3                | 450                | 7110            |  |
| 8480          | 0.17             | 3 3                | 450                | 7110            |  |
| 7312          | 0.19             | 3 3                | 450                | 7110            |  |
| 6521          | 0.21             | 3 3                | 450                | 7110            |  |
| 5585          | 0.25             | 3 3                | 450                | 7110            |  |
| 4928          | 0.28             | 3 3                | 450                | 7110            |  |
| 4378          | 0.32             | 3 3                | 450                | 7110            |  |
| 3873          | 0.36             | 3 3                | 450                | 7110            |  |
| 3344          | 0.42             | 3 3                | 450                | 7110            |  |
| 2957          | 0.47             | 2 3                | 450                | 7110            |  |
| 2907          | 0.48             | 3 3                | 450                | 7110            |  |
| 2567          | 0.55             | 3 3                | 450                | 7110            |  |
| 2508          | 0.56             | 2 3                | 450                | 7110            |  |
| 2309          | 0.61             | 2 3                | 450                | 7110            |  |
| 2244          | 0.62             | 3 3                | 450                | 7110            |  |
| 1991          | 0.70             | 2 3                | 450                | 7110            |  |
| 1967          | 0.71             | 3 3                | 450                | 7110            |  |
| 1768          | 0.79             | 2 3                | 450                | 7110            |  |
| 1732          | 0.81             | 3 2                | 450                | 7110            |  |
| 1555          | 0.90             | 3 2                | 450                | 7110            |  |
| 1520          | 0.92             | 2 3                | 450                | 7110            |  |
| 1399          | 1.0              | 3 2                | 450                | 7110            |  |
| 1342          | 1.0              | 2 3                | 450                | 7110            |  |
| 1189          | 1.2              | 3 2                | 450                | 7110            |  |
| 1164          | 1.2              | 2 3                | 450                | 7110            |  |
| 1034          | 1.4              | 3 2                | 450                | 7110            |  |
| 1027          | 1.4              | 2 3                | 450                | 7110            |  |
| 894           | 1.6              | 2 3                | 450                | 7110            |  |
| 805           | 1.7              | 2 3                | 450                | 7110            |  |
| 782           | 1.8              | 3 2                | 450                | 7110            |  |
| 683           | 2.0              | 2 3                | 450                | 7110            |  |
| 678           | 2.1              | 3 2                | 450                | 7110            |  |
| 604           | 2.3              | 3 2                | 450                | 7110            |  |
| 603           | 2.3              | 2 3                | 450                | 7110            |  |
| 537           | 2.6              | 3 2                | 450                | 7110            |  |
| 534           | 2.6              | 2 3                | 450                | 7110            |  |
| 471           | 3.0              | 3 2                | 450                | 7110            |  |
| 454           | 3.1              | 2 3                | 450                | 7110            |  |
| 410           | 3.4              | 2 3                | 450                | 7110            |  |
| 359           | 3.9              | 2 2                | 450                | 7110            |  |
| 357           | 3.9              | 3 2                | 450                | 7110            |  |
| 324           | 4.3              | 2 2                | 450                | 7110            |  |
| 319           | 4.4              | 3 2                | 450                | 7110            |  |
| 290           | 4.8              | 2 2                | 450                | 7110            |  |
| 273           | 5.1              | 3 2                | 450                | 7110            |  |
| 262           | 5.3              | 2 2                | 450                | 7110            |  |
| 246           | 5.7              | 2 2                | 450                | 7110            |  |
| 241           | 5.8              | 3 2                | 450                | 7110            |  |
| 220           | 6.4              | 2 2                | 450                | 7110            |  |
| 215           | 6.5              | 3 2                | 450                | 7110            |  |
| 188           | 7.4              | 2 2                | 450                | 7110            |  |
| 187           | 7.5              | 3 2                | 450                | 7110            |  |
| 164           | 8.5              | 3 2                | 450                | 7110            |  |
| 159           | 8.8              | 2 2                | 450                | 7110            |  |
| 146           | 9.6              | 2 2                | 450                | 7110            |  |
| 142           | 9.9              | 3 2                | 450                | 7110            |  |
| 134           | 10               | 2 2                | 450                | 7110            |  |

| KH60H30 600Nm |                  |                    |                    |                 |  |
|---------------|------------------|--------------------|--------------------|-----------------|--|
| i             | $n_a$<br>[1/min] | Stage<br>KH60 KH30 | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] |  |
| 15361         | 0.09             | 3 3                | 600                | 7170            |  |
| 12931         | 0.11             | 3 3                | 600                | 7170            |  |
| 11996         | 0.12             | 3 3                | 600                | 7170            |  |
| 10097         | 0.14             | 3 3                | 600                | 7170            |  |
| 9066          | 0.15             | 3 3                | 600                | 7170            |  |
| 7816          | 0.18             | 3 3                | 600                | 7170            |  |
| 6732          | 0.21             | 3 3                | 600                | 7170            |  |
| 5970          | 0.23             | 3 3                | 600                | 7170            |  |
| 5268          | 0.27             | 3 3                | 600                | 7170            |  |
| 4680          | 0.30             | 3 3                | 600                | 7170            |  |
| 4136          | 0.34             | 3 3                | 600                | 7170            |  |
| 3566          | 0.39             | 3 3                | 600                | 7170            |  |
| 3125          | 0.45             | 3 3                | 600                | 7170            |  |
| 2745          | 0.51             | 3 3                | 600                | 7170            |  |
| 2682          | 0.52             | 2 3                | 600                | 7170            |  |
| 2460          | 0.57             | 2 3                | 600                | 7170            |  |
| 2403          | 0.58             | 3 3                | 600                | 7170            |  |
| 2136          | 0.66             | 3 2                | 600                | 7170            |  |
| 2094          | 0.67             | 2 3                | 600                | 7170            |  |
| 1852          | 0.76             | 3 2                | 600                | 7170            |  |
| 1805          | 0.78             | 2 3                | 600                | 7170            |  |
| 1652          | 0.85             | 3 2                | 600                | 7170            |  |
| 1629          | 0.86             | 2 3                | 600                | 7170            |  |
| 1471          | 0.95             | 2 3                | 600                | 7170            |  |
| 1432          | 0.98             | 3 2                | 600                | 7170            |  |
| 1379          | 1.0              | 2 3                | 600                | 7170            |  |
| 1259          | 1.1              | 3 2                | 600                | 7170            |  |
| 1109          | 1.3              | 2 3                | 600                | 7170            |  |
| 1106          | 1.3              | 3 2                | 600                | 7170            |  |
| 956           | 1.5              | 2 3                | 600                | 7170            |  |
| 891           | 1.6              | 2 3                | 600                | 7170            |  |
| 836           | 1.7              | 3 2                | 600                | 7170            |  |
| 750           | 1.9              | 3 2                | 600                | 7170            |  |
| 730           | 1.9              | 2 3                | 600                | 7170            |  |
| 646           | 2.2              | 3 2                | 600                | 7170            |  |
| 644           | 2.2              | 2 3                | 600                | 7170            |  |
| 574           | 2.4              | 3 2                | 600                | 7170            |  |
| 571           | 2.5              | 2 3                | 600                | 7170            |  |
| 495           | 2.8              | 3 2                | 600                | 7170            |  |
| 486           | 2.9              | 2 3                | 600                | 7170            |  |
| 443           | 3.2              | 2 2                | 600                | 7170            |  |
| 438           | 3.2              | 3 2                | 600                | 7170            |  |
| 388           | 3.6              | 3 2                | 600                | 7170            |  |
| 384           | 3.6              | 2 2                | 600                | 7170            |  |
| 359           | 3.9              | 2 2                | 600                | 7170            |  |
| 344           | 4.1              | 3 2                | 600                | 7170            |  |
| 310           | 4.5              | 2 2                | 600                | 7170            |  |
| 294           | 4.8              | 3 2                | 600                | 7170            |  |
| 264           | 5.3              | 2 2                | 600                | 7170            |  |
| 261           | 5.4              | 3 2                | 600                | 7170            |  |
| 235           | 6.0              | 2 2                | 600                | 7170            |  |
| 234           | 6.0              | 3 2                | 600                | 7170            |  |
| 201           | 7.0              | 2 2                | 600                | 7170            |  |
| 200           | 7.0              | 3 2                | 600                | 7170            |  |
| 181           | 7.7              | 2 2                | 600                | 7170            |  |
| 181           | 7.7              | 2 2                | 600                | 7170            |  |
| 176           | 8.0              | 3 2                | 600                | 7170            |  |
| 189           | 8.8              | 2 2                | 600                | 7170            |  |
| 158           | 8.9              | 3 2                | 600                | 7170            |  |

| KH70H30 820Nm |                  |                    |                    |                 |  |
|---------------|------------------|--------------------|--------------------|-----------------|--|
| i             | $n_a$<br>[1/min] | Stage<br>KH70 KH30 | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] |  |
| 16370         | 0.09             | 3 3                | 820                | 9920            |  |
| 15015         | 0.09             | 3 3                | 820                | 9920            |  |
| 13885         | 0.10             | 3 3                | 820                | 9920            |  |
| 12783         | 0.11             | 3 3                | 820                | 9920            |  |
| 11021         | 0.13             | 3 3                | 820                | 9920            |  |
| 9788          | 0.14             | 3 3                | 820                | 9920            |  |
| 8714          | 0.16             | 3 3                | 820                | 9920            |  |
| 7617          | 0.18             | 3 3                | 820                | 9920            |  |
| 6770          | 0.21             | 3 3                | 820                | 9920            |  |
| 5838          | 0.24             | 3 3                | 820                | 9920            |  |
| 5184          | 0.27             | 3 3                | 820                | 9920            |  |
| 4470          | 0.31             | 3 3                | 820                | 9920            |  |
| 3999          | 0.35             | 3 3                | 820                | 9920            |  |
| 3488          | 0.40             | 3 3                | 820                | 9920            |  |
| 3151          | 0.44             | 2 3                | 820                | 9920            |  |
| 3053          | 0.46             | 3 3                | 820                | 9920            |  |
| 2890          | 0.48             | 2 3                | 820                | 9920            |  |
| 2671          | 0.52             | 3 3                | 820                | 9920            |  |
| 2460          | 0.57             | 2 3                | 820                | 9920            |  |
| 2345          | 0.60             | 3 2                | 820                | 9920            |  |
| 2121          | 0.66             | 2 3                | 820                | 9920            |  |
| 2070          | 0.68             | 3 2                | 820                | 9920            |  |
| 1977          | 0.71             | 2 3                | 820                | 9920            |  |
| 1822          | 0.77             | 3 2                | 820                | 9920            |  |
| 1728          | 0.81             | 2 3                | 820                | 9920            |  |
| 1620          | 0.86             | 2 3                | 820                | 9920            |  |
| 1580          | 0.89             | 3 2                | 820                | 9920            |  |
| 1430          | 0.98             | 2 3                | 820                | 9920            |  |
| 1394          | 1.0              | 3 2                | 820                | 9920            |  |
| 1303          | 1.1              | 2 3                | 820                | 9920            |  |
| 1218          | 1.1              | 3 2                | 820                | 9920            |  |
| 1124          | 1.2              | 2 3                | 820                | 9920            |  |
| 1084          | 1.3              | 3 2                | 820                | 9920            |  |
| 1047          | 1.3              | 2 3                | 820                | 9920            |  |
| 940           | 1.5              | 3 2                | 820                | 9920            |  |
| 915           | 1.5              | 2 3                | 820                | 9920            |  |
| 858           | 1.6              | 2 3                | 820                | 9920            |  |
| 821           | 1.7              | 3 2                | 820                | 9920            |  |
| 757           | 1.8              | 2 3                | 820                | 9920            |  |
| 731           | 1.9              | 3 2                | 820                | 9920            |  |
| 671           | 2.1              | 2 3                | 820                | 9920            |  |
| 646           | 2.2              | 3 2                | 820                | 9920            |  |
| 571           | 2.5              | 2 3                | 820                | 9920            |  |
| 560           | 2.5              | 3 2                | 820                | 9920            |  |
| 520           | 2.7              | 2 2                | 820                | 9920            |  |
| 488           | 2.9              | 3 2                | 820                | 9920            |  |
| 451           | 3.1              | 2 2                | 820                | 9920            |  |
| 436           | 3.2              | 3 2                | 820                | 9920            |  |
| 522           | 3.3              | 2 2                | 820                | 9920            |  |
| 373           | 3.8              | 3 2                | 820                | 9920            |  |
| 365           | 3.8              | 2 2                | 820                | 9920            |  |
| 327           | 4.3              | 3 2                | 820                | 9920            |  |
| 310           | 4.5              | 2 2                | 820                | 9920            |  |
| 289           | 4.8              | 3 2                | 820                | 9920            |  |
| 276           | 5.1              | 2 2                | 820                | 9920            |  |
| 260           | 5.4              | 3 2                | 820                | 9920            |  |
| 236           | 5.9              | 2 2                | 820                | 9920            |  |
| 224           | 6.2              | 3 2                | 820                | 9920            |  |
| 221           | 6.3              | 2 2                | 820                | 9920            |  |
| 197           | 7.1              | 3 2                | 820                | 9920            |  |
| 186           | 7.5              | 2 2                | 820                | 9920            |  |
| 169           | 8.3              | 3 2                | 820                | 9920            |  |
| 149           | 9.4              | 3 2                | 820                | 9920            |  |

KH80/90H50,KH100H70  $n_e=1400$  1/min

| KH80H50 |                           |       | 1550Nm |                           |                        |
|---------|---------------------------|-------|--------|---------------------------|------------------------|
| i       | n <sub>a</sub><br>[1/min] | Stage |        | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] |
|         |                           | KH80  | KH50   |                           |                        |
| 17452   | 0.08                      | 3     | 3      | 1550                      | 16900                  |
| 15310   | 0.09                      | 3     | 3      | 1550                      | 16900                  |
| 13813   | 0.10                      | 3     | 3      | 1550                      | 16900                  |
| 12025   | 0.12                      | 3     | 3      | 1550                      | 16900                  |
| 10549   | 0.13                      | 3     | 3      | 1550                      | 16900                  |
| 9244    | 0.15                      | 3     | 3      | 1550                      | 16900                  |
| 8109    | 0.17                      | 3     | 3      | 1550                      | 16900                  |
| 7038    | 0.20                      | 3     | 3      | 1550                      | 16900                  |
| 6174    | 0.23                      | 3     | 3      | 1550                      | 16900                  |
| 5449    | 0.26                      | 3     | 3      | 1550                      | 16900                  |
| 4831    | 0.29                      | 3     | 3      | 1550                      | 16900                  |
| 4206    | 0.33                      | 3     | 3      | 1550                      | 16900                  |
| 4020    | 0.35                      | 2     | 3      | 1550                      | 16900                  |
| 3744    | 0.37                      | 3     | 3      | 1550                      | 16900                  |
| 3703    | 0.38                      | 2     | 3      | 1550                      | 16900                  |
| 3233    | 0.43                      | 3     | 3      | 1550                      | 16900                  |
| 3182    | 0.44                      | 2     | 3      | 1550                      | 16900                  |
| 2873    | 0.49                      | 3     | 3      | 1550                      | 16900                  |
| 2770    | 0.51                      | 2     | 3      | 1550                      | 16900                  |
| 2595    | 0.54                      | 2     | 3      | 1550                      | 16900                  |
| 2518    | 0.56                      | 3     | 3      | 1550                      | 16900                  |
| 2209    | 0.63                      | 3     | 3      | 1550                      | 16900                  |
| 2129    | 0.66                      | 2     | 3      | 1550                      | 16900                  |
| 1961    | 0.71                      | 3     | 3      | 1550                      | 16900                  |
| 1930    | 0.73                      | 2     | 3      | 1550                      | 16900                  |
| 1737    | 0.81                      | 3     | 2      | 1550                      | 16900                  |
| 1733    | 0.81                      | 2     | 3      | 1550                      | 16900                  |
| 1524    | 0.92                      | 3     | 2      | 1550                      | 16900                  |
| 1489    | 0.94                      | 2     | 3      | 1550                      | 16900                  |
| 1395    | 1.0                       | 2     | 3      | 1550                      | 16900                  |
| 1303    | 1.1                       | 3     | 2      | 1550                      | 16900                  |
| 1232    | 1.1                       | 2     | 3      | 1550                      | 16900                  |
| 1145    | 1.2                       | 2     | 3      | 1550                      | 16900                  |
| 1143    | 1.2                       | 3     | 2      | 1550                      | 16900                  |
| 1037    | 1.4                       | 2     | 3      | 1550                      | 16900                  |
| 1008    | 1.4                       | 3     | 2      | 1550                      | 16900                  |
| 994     | 1.4                       | 3     | 3      | 1550                      | 16900                  |
| 931     | 1.5                       | 2     | 2      | 1550                      | 16900                  |
| 885     | 1.6                       | 3     | 2      | 1550                      | 16900                  |
| 881     | 1.6                       | 3     | 3      | 1550                      | 16900                  |
| 802     | 1.7                       | 2     | 3      | 1550                      | 16900                  |
| 776     | 1.8                       | 3     | 2      | 1550                      | 16900                  |
| 754     | 1.9                       | 2     | 3      | 1550                      | 16900                  |
| 685     | 2.0                       | 3     | 2      | 1550                      | 16900                  |
| 649     | 2.2                       | 2     | 3      | 1550                      | 16900                  |
| 599     | 2.3                       | 3     | 2      | 1550                      | 16900                  |
| 580     | 2.4                       | 2     | 3      | 1550                      | 16900                  |
| 538     | 2.6                       | 2     | 2      | 1550                      | 16900                  |
| 525     | 2.7                       | 3     | 2      | 1550                      | 16900                  |
| 472     | 3.0                       | 2     | 2      | 1550                      | 16900                  |
| 456     | 3.1                       | 3     | 2      | 1550                      | 16900                  |
| 400     | 3.5                       | 2     | 2      | 1550                      | 16900                  |
| 398     | 3.5                       | 3     | 2      | 1550                      | 16900                  |
| 361     | 3.9                       | 2     | 2      | 1550                      | 16900                  |
| 352     | 4.0                       | 3     | 2      | 1550                      | 16900                  |
| 305     | 4.6                       | 3     | 2      | 1550                      | 16900                  |
| 300     | 4.7                       | 2     | 2      | 1550                      | 16900                  |
| 268     | 5.2                       | 3     | 2      | 1550                      | 16900                  |
| 256     | 5.5                       | 2     | 2      | 1550                      | 16900                  |
| 236     | 5.9                       | 3     | 2      | 1550                      | 16900                  |
| 232     | 6.0                       | 2     | 2      | 1550                      | 16900                  |
| 232     | 6.0                       | 2     | 2      | 1550                      | 16900                  |
| 209     | 6.7                       | 3     | 2      | 1550                      | 16900                  |
| 195     | 7.2                       | 2     | 2      | 1150                      | 16900                  |



KH100/140H70,KH140H80    n<sub>e</sub>=1400   1/min

| KH80H70 |                           |                     | 8000Nm |                           |                        |
|---------|---------------------------|---------------------|--------|---------------------------|------------------------|
| i       | n <sub>a</sub><br>[1/min] | Stage<br>KH130 KH70 |        | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] |
| 22203   | 0.06                      | 3                   | 3      | 8000                      | 53400                  |
| 18945   | 0.07                      | 3                   | 3      | 8000                      | 53400                  |
| 16566   | 0.08                      | 3                   | 3      | 8000                      | 53400                  |
| 14777   | 0.09                      | 3                   | 3      | 8000                      | 53400                  |
| 12921   | 0.11                      | 3                   | 3      | 8000                      | 53400                  |
| 11712   | 0.12                      | 3                   | 3      | 8000                      | 53400                  |
| 10573   | 0.13                      | 3                   | 3      | 8000                      | 53400                  |
| 8784    | 0.16                      | 3                   | 3      | 8000                      | 53400                  |
| 7479    | 0.19                      | 3                   | 3      | 8000                      | 53400                  |
| 6559    | 0.21                      | 3                   | 3      | 8000                      | 53400                  |
| 5834    | 0.24                      | 3                   | 3      | 8000                      | 53400                  |
| 5116    | 0.27                      | 3                   | 3      | 8000                      | 53400                  |
| 4709    | 0.30                      | 2                   | 3      | 8000                      | 53400                  |
| 4464    | 0.31                      | 3                   | 3      | 8000                      | 53400                  |
| 4017    | 0.35                      | 2                   | 3      | 8000                      | 53400                  |
| 3928    | 0.36                      | 3                   | 3      | 8000                      | 53400                  |
| 3514    | 0.40                      | 2                   | 3      | 8000                      | 53400                  |
| 3454    | 0.41                      | 3                   | 3      | 8000                      | 53400                  |
| 3338    | 0.42                      | 2                   | 3      | 8000                      | 53400                  |
| 2993    | 0.47                      | 3                   | 3      | 8000                      | 53400                  |
| 2929    | 0.48                      | 2                   | 3      | 8000                      | 53400                  |
| 2658    | 0.53                      | 3                   | 2      | 8000                      | 53400                  |
| 2484    | 0.56                      | 2                   | 3      | 8000                      | 53400                  |
| 2412    | 0.58                      | 3                   | 2      | 8000                      | 53400                  |
| 2242    | 0.62                      | 2                   | 3      | 8000                      | 53400                  |
| 2073    | 0.68                      | 3                   | 2      | 8000                      | 53400                  |
| 1863    | 0.75                      | 2                   | 3      | 8000                      | 53400                  |
| 1839    | 0.76                      | 3                   | 2      | 8000                      | 53400                  |
| 1598    | 0.88                      | 3                   | 2      | 8000                      | 53400                  |
| 1586    | 0.88                      | 2                   | 3      | 8000                      | 53400                  |
| 1397    | 1.0                       | 3                   | 2      | 8000                      | 53400                  |
| 1391    | 1.0                       | 2                   | 3      | 8000                      | 53400                  |
| 1256    | 1.1                       | 2                   | 3      | 8000                      | 53400                  |
| 1226    | 1.1                       | 3                   | 2      | 8000                      | 53400                  |
| 1105    | 1.3                       | 2                   | 3      | 8000                      | 53400                  |
| 1090    | 1.3                       | 3                   | 2      | 8000                      | 53400                  |
| 1043    | 1.3                       | 2                   | 3      | 8000                      | 53400                  |
| 951     | 1.5                       | 3                   | 2      | 8000                      | 53400                  |
| 888     | 1.6                       | 2                   | 3      | 8000                      | 53400                  |
| 831     | 1.7                       | 3                   | 2      | 8000                      | 53400                  |
| 730     | 1.9                       | 3                   | 2      | 8000                      | 53400                  |
| 699     | 2.0                       | 2                   | 3      | 8000                      | 53400                  |
| 629     | 2.2                       | 3                   | 2      | 8000                      | 53400                  |
| 609     | 2.3                       | 2                   | 3      | 8000                      | 53400                  |
| 564     | 2.5                       | 2                   | 2      | 8000                      | 53400                  |
| 560     | 2.5                       | 3                   | 2      | 8000                      | 53400                  |
| 517     | 2.7                       | 2                   | 2      | 8000                      | 53400                  |
| 490     | 2.9                       | 3                   | 2      | 8000                      | 53400                  |
| 453     | 3.1                       | 2                   | 2      | 8000                      | 53400                  |
| 428     | 3.3                       | 3                   | 2      | 8000                      | 53400                  |
| 381     | 3.7                       | 3                   | 2      | 8000                      | 53400                  |
| 376     | 3.7                       | 2                   | 2      | 8000                      | 53400                  |
| 339     | 4.1                       | 2                   | 2      | 8000                      | 53400                  |
| 323     | 4.3                       | 3                   | 2      | 8000                      | 53400                  |
| 297     | 4.7                       | 2                   | 2      | 8000                      | 53400                  |
| 291     | 4.8                       | 3                   | 2      | 8000                      | 53400                  |
| 255     | 5.5                       | 3                   | 2      | 8000                      | 53400                  |
| 223     | 6.3                       | 3                   | 2      | 8000                      | 53400                  |
| 197     | 7.1                       | 3                   | 2      | 8000                      | 53400                  |
| 175     | 8.0                       | 3                   | 2      | 8000                      | 53400                  |

| KH140H70 |                           |       |      | 13000Nm                   |                        |
|----------|---------------------------|-------|------|---------------------------|------------------------|
| i        | n <sub>a</sub><br>[1/min] | Stage |      | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] |
|          |                           | KH140 | KH70 |                           |                        |
| 23401    | 0.06                      | 3     | 3    | 13000                     | 62700                  |
| 21342    | 0.07                      | 3     | 3    | 13000                     | 62700                  |
| 18210    | 0.08                      | 3     | 3    | 13000                     | 62700                  |
| 15923    | 0.09                      | 3     | 3    | 13000                     | 62700                  |
| 14075    | 0.10                      | 3     | 3    | 13000                     | 62700                  |
| 12344    | 0.11                      | 3     | 3    | 13000                     | 62700                  |
| 11143    | 0.13                      | 3     | 3    | 13000                     | 62700                  |
| 9743     | 0.14                      | 3     | 3    | 13000                     | 62700                  |
| 8443     | 0.17                      | 3     | 3    | 13000                     | 62700                  |
| 7307     | 0.19                      | 3     | 3    | 13000                     | 62700                  |
| 6447     | 0.22                      | 3     | 3    | 13000                     | 62700                  |
| 5568     | 0.25                      | 3     | 3    | 13000                     | 62700                  |
| 4926     | 0.28                      | 3     | 3    | 13000                     | 62700                  |
| 4325     | 0.32                      | 3     | 3    | 13000                     | 62700                  |
| 3754     | 0.37                      | 3     | 3    | 13000                     | 62700                  |
| 3302     | 0.42                      | 3     | 3    | 13000                     | 62700                  |
| 2898     | 0.48                      | 3     | 3    | 13000                     | 62700                  |
| 2555     | 0.55                      | 3     | 2    | 13000                     | 62700                  |
| 2211     | 0.63                      | 3     | 2    | 13000                     | 62700                  |
| 1951     | 0.72                      | 3     | 2    | 13000                     | 62700                  |
| 1705     | 0.82                      | 3     | 2    | 13000                     | 62700                  |
| 1536     | 0.91                      | 3     | 2    | 13000                     | 62700                  |
| 1329     | 1.1                       | 3     | 2    | 13000                     | 62700                  |
| 1166     | 1.2                       | 3     | 2    | 13000                     | 62700                  |
| 1029     | 1.4                       | 3     | 2    | 13000                     | 62700                  |
| 889      | 1.6                       | 3     | 2    | 13000                     | 62700                  |
| 784      | 1.8                       | 3     | 2    | 13000                     | 62700                  |
| 695      | 2.0                       | 3     | 2    | 13000                     | 62700                  |
| 619      | 2.3                       | 3     | 2    | 13000                     | 62700                  |
| 558      | 2.5                       | 3     | 2    | 13000                     | 62700                  |
| 489      | 2.9                       | 3     | 2    | 13000                     | 62700                  |
| 415      | 3.4                       | 3     | 2    | 13000                     | 62700                  |

| KH140H80 |                           |       |      |                           | 13000Nm                |  |
|----------|---------------------------|-------|------|---------------------------|------------------------|--|
| i        | n <sub>a</sub><br>[1/min] | Stage |      | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] |  |
|          |                           | KH140 | KH80 |                           |                        |  |
| 533      | 2.6                       | 3     | 2    | 13000                     | 62700                  |  |
| 462      | 3.0                       | 3     | 2    | 13000                     | 62700                  |  |
| 426      | 3.3                       | 3     | 2    | 13000                     | 62700                  |  |
| 368      | 3.8                       | 3     | 2    | 13000                     | 62700                  |  |
| 326      | 4.3                       | 3     | 2    | 13000                     | 62700                  |  |
| 280      | 5.0                       | 3     | 2    | 13000                     | 62700                  |  |
| 247      | 5.7                       | 3     | 2    | 13000                     | 62700                  |  |
| 214      | 6.5                       | 3     | 2    | 13000                     | 62700                  |  |
| 189      | 7.4                       | 3     | 2    | 13000                     | 62700                  |  |
| 159      | 8.8                       | 3     | 2    | 13000                     | 62700                  |  |

KH160H90,KH160H100    n<sub>e</sub>=1400   1/min

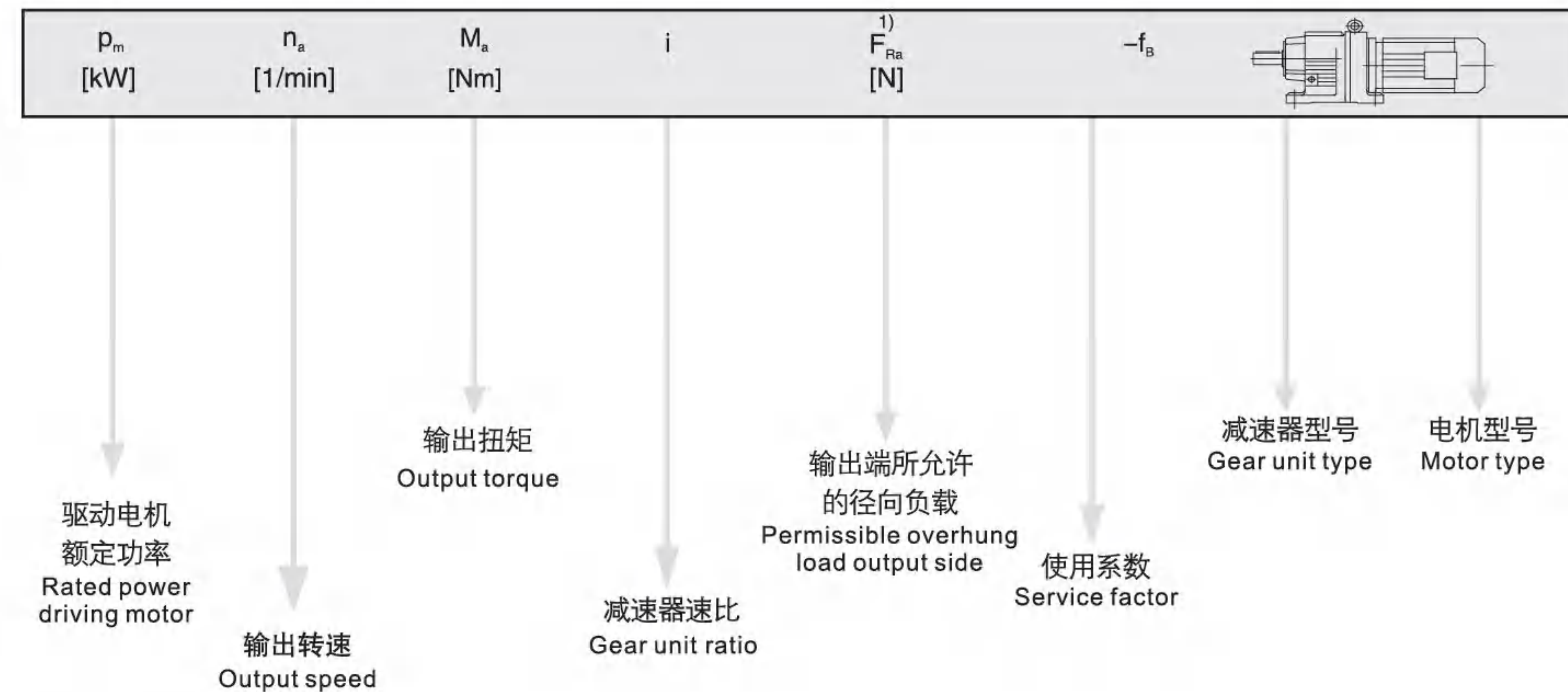
| KH160H90 |                           |       |      | 18000Nm                    |                        |
|----------|---------------------------|-------|------|----------------------------|------------------------|
| i        | n <sub>a</sub><br>[1/min] | Stage |      | M <sub>a</sub> max<br>[Nm] | F <sub>Ra</sub><br>[N] |
|          |                           | KH160 | KH90 |                            |                        |
| 27001    | 0.05                      | 3     | 3    | 18000                      | 120000                 |
| 22482    | 0.06                      | 3     | 3    | 18000                      | 120000                 |
| 20002    | 0.07                      | 3     | 3    | 18000                      | 120000                 |
| 17361    | 0.08                      | 3     | 3    | 18000                      | 120000                 |
| 15446    | 0.09                      | 3     | 3    | 18000                      | 120000                 |
| 14051    | 0.10                      | 3     | 3    | 18000                      | 120000                 |
| 11812    | 0.12                      | 3     | 3    | 18000                      | 120000                 |
| 10509    | 0.13                      | 3     | 3    | 18000                      | 120000                 |
| 9631     | 0.15                      | 3     | 3    | 18000                      | 120000                 |
| 7749     | 0.18                      | 3     | 3    | 18000                      | 120000                 |
| 6894     | 0.20                      | 3     | 3    | 18000                      | 120000                 |
| 6077     | 0.23                      | 3     | 3    | 18000                      | 120000                 |
| 5407     | 0.26                      | 3     | 3    | 18000                      | 120000                 |
| 4650     | 0.30                      | 3     | 3    | 18000                      | 120000                 |
| 4129     | 0.34                      | 3     | 3    | 18000                      | 120000                 |
| 3692     | 0.38                      | 3     | 3    | 18000                      | 120000                 |
| 3099     | 0.45                      | 3     | 3    | 18000                      | 120000                 |
| 2657     | 0.53                      | 3     | 2    | 18000                      | 120000                 |
| 2333     | 0.60                      | 3     | 2    | 18000                      | 120000                 |
| 2085     | 0.67                      | 3     | 2    | 18000                      | 120000                 |
| 1877     | 0.75                      | 3     | 2    | 18000                      | 120000                 |
| 1670     | 0.84                      | 3     | 2    | 18000                      | 120000                 |
| 1438     | 0.97                      | 3     | 2    | 18000                      | 120000                 |
| 1279     | 1.1                       | 3     | 2    | 18000                      | 120000                 |
| 1123     | 1.2                       | 3     | 2    | 18000                      | 120000                 |
| 999      | 1.4                       | 3     | 2    | 18000                      | 120000                 |
| 861      | 1.6                       | 3     | 2    | 18000                      | 120000                 |
| 760      | 1.8                       | 3     | 2    | 18000                      | 120000                 |
| 656      | 2.1                       | 3     | 2    | 18000                      | 120000                 |
| 579      | 2.4                       | 3     | 2    | 18000                      | 120000                 |
| 503      | 2.8                       | 3     | 2    | 18000                      | 120000                 |
| 432      | 3.2                       | 3     | 2    | 18000                      | 120000                 |
| 376      | 3.7                       | 3     | 2    | 18000                      | 120000                 |
| 335      | 4.2                       | 3     | 2    | 18000                      | 120000                 |
| 303      | 4.6                       | 3     | 2    | 18000                      | 120000                 |
| 279      | 5.0                       | 3     | 2    | 18000                      | 120000                 |

| KH160H100 |                           |       |       | 18000Nm                    |                        |
|-----------|---------------------------|-------|-------|----------------------------|------------------------|
| i         | n <sub>a</sub><br>[1/min] | Stage |       | M <sub>a</sub> max<br>[Nm] | F <sub>Ra</sub><br>[N] |
|           |                           | KH160 | KH100 |                            |                        |
| 3637      | 0.38                      | 2     | 3     | 18000                      | 120000                 |
| 3330      | 0.42                      | 2     | 3     | 18000                      | 120000                 |
| 2757      | 0.51                      | 2     | 3     | 18000                      | 120000                 |
| 2436      | 0.57                      | 2     | 3     | 18000                      | 120000                 |
| 2298      | 0.61                      | 2     | 3     | 18000                      | 120000                 |
| 2066      | 0.68                      | 2     | 3     | 18000                      | 120000                 |
| 1849      | 0.76                      | 2     | 3     | 18000                      | 120000                 |
| 1674      | 0.84                      | 2     | 3     | 18000                      | 120000                 |
| 1485      | 0.94                      | 2     | 3     | 18000                      | 120000                 |
| 1342      | 1.0                       | 2     | 3     | 18000                      | 120000                 |
| 1229      | 1.1                       | 2     | 3     | 18000                      | 120000                 |
| 1111      | 1.3                       | 2     | 3     | 18000                      | 120000                 |
| 950       | 1.5                       | 2     | 3     | 18000                      | 120000                 |
| 860       | 1.6                       | 2     | 3     | 18000                      | 120000                 |
| 763       | 1.8                       | 2     | 3     | 18000                      | 120000                 |
| 690       | 2.0                       | 2     | 3     | 18000                      | 120000                 |
| 585       | 2.4                       | 2     | 3     | 18000                      | 120000                 |
| 511       | 2.7                       | 2     | 3     | 18000                      | 120000                 |
| 446       | 3.1                       | 2     | 2     | 18000                      | 120000                 |
| 399       | 3.5                       | 2     | 2     | 18000                      | 120000                 |
| 361       | 3.9                       | 2     | 2     | 18000                      | 120000                 |
| 349       | 4.0                       | 3     | 2     | 18000                      | 120000                 |
| 328       | 4.3                       | 2     | 2     | 18000                      | 120000                 |
| 295       | 4.7                       | 3     | 2     | 18000                      | 120000                 |
| 291       | 4.8                       | 2     | 2     | 18000                      | 120000                 |
| 270       | 5.2                       | 3     | 2     | 18000                      | 120000                 |
| 264       | 5.3                       | 2     | 2     | 18000                      | 120000                 |
| 229       | 6.1                       | 3     | 2     | 18000                      | 120000                 |
| 227       | 6.2                       | 2     | 2     | 18000                      | 120000                 |
| 200       | 7.0                       | 3     | 2     | 18000                      | 120000                 |
| 198       | 7.1                       | 2     | 2     | 18000                      | 120000                 |
| 169       | 8.3                       | 3     | 2     | 18000                      | 120000                 |
| 168       | 8.3                       | 2     | 2     | 18000                      | 120000                 |

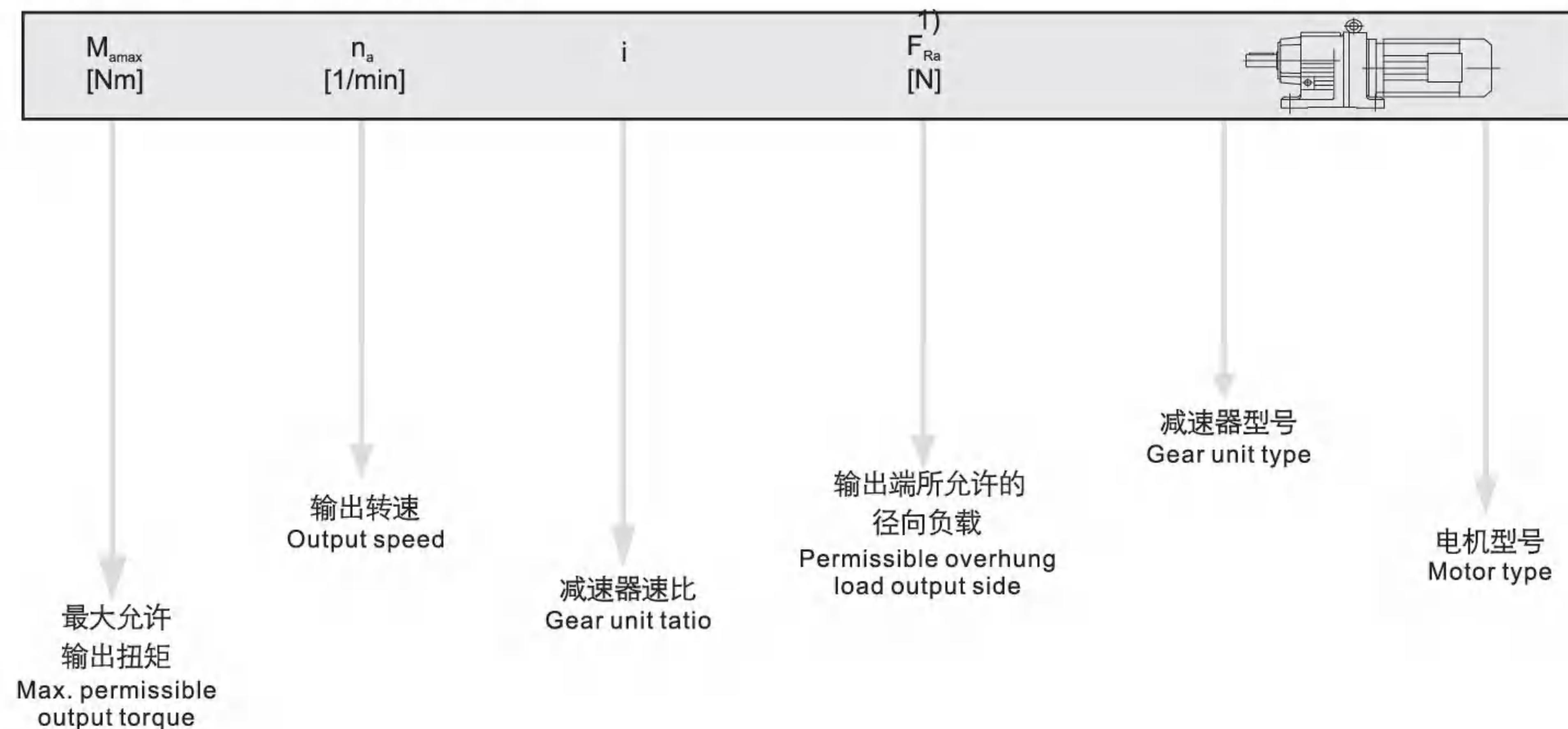


## 5.4 选型表注释 5.4 Selection table

选型表的结构  
Selection table for geared motors



对于特殊低输出转速  
For particularly low output speeds



图例 Outline  
※ 也可用于EEXE电机。 ※ EEXE motor is optional.

1) 实心轴地脚安装减速机的径向负荷  
1) Overhung load specified for foot – mounted gear unit with solid shaft

注意: Notice:  
对于特殊低输出转速驱动 (多级减速电机), 电机功率必须与减速机的最大允许输出扭矩相对应。  
In drives for particularly low output speed (multi – stage geared motors), the motor power must be limited according to maximum permitted output torque of the gear unit.

| 输出<br>转速<br>Output<br>speed<br>$n_2$<br>[r/min] | 输出<br>扭矩<br>Output<br>torque<br>$T_a$<br>[N·m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_B$ | 机型号<br>Model                          |
|-------------------------------------------------|------------------------------------------------|-------------------------|---------------------------------------------------------|----------------------------------------|---------------------------------------|
| <b>0.12kW</b>                                   |                                                |                         |                                                         |                                        |                                       |
| 0.06                                            | 14300                                          | 21342                   | 58600                                                   | 0.90                                   | KH 140 H70 D63S4<br>KHF 140 H70 D63S4 |
| 0.08                                            | 12000                                          | 18210                   | 64500                                                   | 1.10                                   |                                       |
| 0.09                                            | 10300                                          | 15923                   | 67300                                                   | 1.25                                   |                                       |
| 0.10                                            | 9440                                           | 14075                   | 68600                                                   | 1.40                                   |                                       |
| 0.11                                            | 7630                                           | 12344                   | 70700                                                   | 1.70                                   | KH 140 H70 D63S4<br>KHF 140 H70 D63S4 |
| 0.12                                            | 6780                                           | 11143                   | 71500                                                   | 1.90                                   |                                       |
| 0.14                                            | 6020                                           | 9743                    | 72200                                                   | 2.2                                    |                                       |
| 0.16                                            | 4960                                           | 8443                    | 73000                                                   | 2.6                                    |                                       |
| 0.19                                            | 4290                                           | 7307                    | 73400                                                   | 3.0                                    |                                       |
| 0.21                                            | 3780                                           | 6447                    | 73700                                                   | 3.4                                    |                                       |
| 0.25                                            | 3270                                           | 5568                    | 73900                                                   | 4.0                                    |                                       |
| 0.11                                            | 8390                                           | 12921                   | 52300                                                   | 0.95                                   | KH 130 H70 D63S4<br>KHF 130 H70 D63S4 |
| 0.12                                            | 7240                                           | 11712                   | 54900                                                   | 1.10                                   |                                       |
| 0.13                                            | 6430                                           | 10573                   | 56400                                                   | 1.25                                   |                                       |
| 0.16                                            | 5160                                           | 8784                    | 58200                                                   | 1.55                                   |                                       |
| 0.18                                            | 4270                                           | 7479                    | 59200                                                   | 1.85                                   |                                       |
| 0.21                                            | 4060                                           | 6559                    | 59500                                                   | 1.95                                   |                                       |
| 0.24                                            | 3330                                           | 5834                    | 60100                                                   | 2.4                                    |                                       |
| 0.27                                            | 3160                                           | 5116                    | 60200                                                   | 2.5                                    |                                       |
| 0.18                                            | 4500                                           | 7583                    | 28300                                                   | 0.95                                   | KH 100 H70 D63S4<br>KHF 100 H70 D63S4 |
| 0.20                                            | 3850                                           | 6743                    | 31700                                                   | 1.10                                   |                                       |
| 0.23                                            | 3660                                           | 5914                    | 32500                                                   | 1.20                                   |                                       |
| 0.27                                            | 2950                                           | 5168                    | 35100                                                   | 1.45                                   |                                       |
| 0.31                                            | 2600                                           | 4435                    | 36000                                                   | 1.65                                   |                                       |
| 0.35                                            | 2310                                           | 3896                    | 36400                                                   | 1.85                                   |                                       |
| 0.45                                            | 1880                                           | 3039                    | 36900                                                   | 2.3                                    |                                       |
| 0.35                                            | 2670                                           | 3918                    | 35900                                                   | 1.60                                   | KH 100 H70 D63S4<br>KHF 100 H70 D63S4 |
| 0.41                                            | 2240                                           | 3343                    | 36500                                                   | 1.90                                   |                                       |
| 0.45                                            | 2030                                           | 3034                    | 36700                                                   | 2.1                                    |                                       |
| 0.52                                            | 1750                                           | 2653                    | 37000                                                   | 2.5                                    |                                       |
| 0.61                                            | 1500                                           | 2280                    | 37200                                                   | 2.9                                    |                                       |
| 0.67                                            | 1300                                           | 2067                    | 37400                                                   | 3.3                                    |                                       |
| 0.30                                            | 2950                                           | 4559                    | 21300                                                   | 1.00                                   | KH 140 H50 D63S4<br>KHF 140 H50 D63S4 |
| 0.34                                            | 2500                                           | 4004                    | 24100                                                   | 1.20                                   |                                       |
| 0.40                                            | 2200                                           | 3481                    | 25500                                                   | 1.35                                   |                                       |
| 0.29                                            | 3240                                           | 4678                    | 3970                                                    | 0.90                                   | KH 90 H50 D63S4<br>KHF 90 H50 D63S4   |
| 0.32                                            | 2970                                           | 4309                    | 21000                                                   | 1.00                                   |                                       |
| 0.37                                            | 2510                                           | 3702                    | 24000                                                   | 1.20                                   |                                       |
| 0.46                                            | 2010                                           | 3019                    | 26400                                                   | 1.50                                   |                                       |
| 0.52                                            | 1750                                           | 2668                    | 27300                                                   | 1.70                                   |                                       |
| 0.61                                            | 1440                                           | 2245                    | 27700                                                   | 2.1                                    |                                       |
| 0.68                                            | 1280                                           | 2016                    | 27900                                                   | 2.3                                    |                                       |
| 0.80                                            | 1160                                           | 1733                    | 28100                                                   | 2.6                                    |                                       |
| 0.45                                            | 2020                                           | 3065                    | 26300                                                   | 1.50                                   | KH 90 H50 D63S4<br>KHF 90 H50 D63S4   |
| 0.51                                            | 1790                                           | 2722                    | 27100                                                   | 1.65                                   |                                       |
| 0.60                                            | 1510                                           | 2311                    | 27600                                                   | 2.0                                    |                                       |
| 0.66                                            | 1360                                           | 2078                    | 27800                                                   | 2.2                                    |                                       |
| 0.76                                            | 1170                                           | 1823                    | 28100                                                   | 2.6                                    |                                       |
| 0.87                                            | 1020                                           | 1583                    | 28200                                                   | 3.0                                    |                                       |
| 0.99                                            | 860                                            | 1396                    | 28300                                                   | 3.5                                    |                                       |
| 1.1                                             | 740                                            | 1228                    | 28400                                                   | 4.1                                    |                                       |
| 0.48                                            | 1740                                           | 2873                    | 15500                                                   | 0.90                                   | KH 80 H50 D63S4<br>KHF 80 H50 D63S4   |
| 0.70                                            | 1260                                           | 1961                    | 18700                                                   | 1.25                                   |                                       |
| 0.50                                            | 1850                                           | 2770                    | 10700                                                   | 0.85                                   | KH 80 H50 D63S4<br>KHF 80 H50 D63S4   |
| 0.53                                            | 1730                                           | 2595                    | 15600                                                   | 0.90                                   |                                       |
| 0.65                                            | 1390                                           | 2129                    | 18000                                                   | 1.10                                   |                                       |
| 0.72                                            | 1240                                           | 1930                    | 18800                                                   | 1.25                                   |                                       |
| 0.80                                            | 1100                                           | 1733                    | 19400                                                   | 1.40                                   |                                       |
| 0.79                                            | 1090                                           | 1737                    | 19500                                                   | 1.40                                   | KH 80 H50 D63S4<br>KHF 80 H50 D63S4   |
| 0.91                                            | 960                                            | 1524                    | 20000                                                   | 1.60                                   |                                       |
| 1.1                                             | 775                                            | 1303                    | 20000                                                   | 2.0                                    |                                       |
| 1.2                                             | 680                                            | 1143                    | 20000                                                   | 2.3                                    |                                       |
| 1.6                                             | 555                                            | 885                     | 20000                                                   | 2.8                                    |                                       |
| 1.8                                             | 485                                            | 776                     | 20000                                                   | 3.2                                    |                                       |
| 2.0                                             | 430                                            | 685                     | 20000                                                   | 3.6                                    |                                       |
| 2.3                                             | 345                                            | 599                     | 20000                                                   | 4.5                                    |                                       |

| 输出<br>转速<br>Output<br>speed<br>$n_2$<br>[r/min] | 输出<br>扭矩<br>Output<br>torque<br>$T_a$<br>[N·m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_B$ | 机型号<br>Model                        |
|-------------------------------------------------|------------------------------------------------|-------------------------|---------------------------------------------------------|----------------------------------------|-------------------------------------|
| <b>0.12kW</b>                                   |                                                |                         |                                                         |                                        |                                     |
| 0.97                                            | 950                                            | 1430                    | 8220                                                    | 0.85                                   | KH 70 H30 D63S4<br>KHF 70 H30 D63S4 |
| 1.1                                             | 900                                            | 1303                    | 9080                                                    | 0.90                                   |                                     |
| 1.2                                             | 770                                            | 1124                    | 10400                                                   | 1.05                                   |                                     |
| 1.3                                             | 715                                            | 1047                    | 10800                                                   | 1.15                                   |                                     |
| 1.5                                             | 615                                            | 915                     | 11500                                                   | 1.35                                   |                                     |
| 0.99                                            | 940                                            | 1394                    | 8660                                                    | 0.85                                   | KH 70 H30 D63S4<br>KHF 70 H30 D63S4 |
| 1.1                                             | 785                                            | 1218                    | 10200                                                   | 1.05                                   |                                     |
| 1.3                                             | 710                                            | 1084                    | 10800                                                   | 1.15                                   |                                     |
| 1.5                                             | 635                                            | 940                     | 11400                                                   | 1.30                                   |                                     |
| 1.7                                             | 505                                            | 821                     | 12000                                                   | 1.60                                   |                                     |
| 1.9                                             | 460                                            | 731                     | 12300                                                   | 1.80                                   |                                     |
| 2.1                                             | 440                                            | 646                     | 12300                                                   | 1.85                                   |                                     |
| 2.7                                             | 365                                            | 520                     | 12600                                                   | 2.3                                    | KH 90 H50 D63S4<br>KHF 90 H50 D63S4 |
| 3.1                                             | 310                                            | 451                     | 12800                                                   | 2.6                                    |                                     |
| 3.3                                             | 290                                            | 422                     | 12800                                                   | 2.8                                    |                                     |
| 3.8                                             | 245                                            | 365                     | 12900                                                   | 3.3                                    |                                     |
| 1.4                                             | 655                                            | 956                     | 5950                                                    | 0.90                                   | KH 60 H30 D63S4<br>KHF 60 H30 D63S4 |
| 1.5                                             | 605                                            | 891                     | 7480                                                    | 1.00                                   |                                     |
| 1.9                                             | 490                                            | 730                     | 8670                                                    | 1.25                                   |                                     |
| 2.1                                             | 425                                            | 644                     | 9150                                                    | 1.40                                   |                                     |
| 2.4                                             | 375                                            | 571                     | 9490                                                    | 1.60                                   |                                     |
| 2.8                                             | 315                                            | 486                     | 9820                                                    | 1.90                                   | KH 60 H30 D63S4<br>KHF 60 H30 D63S4 |
| 1.6                                             | 565                                            | 836                     | 7980                                                    | 1.05                                   |                                     |
| 1.8                                             | 475                                            | 750                     | 8790                                                    | 1.25                                   |                                     |
| 2.1                                             | 420                                            | 646                     | 9190                                                    | 1.40                                   |                                     |
| 2.4                                             | 380                                            | 574                     | 9450                                                    | 1.55                                   |                                     |
| 2.8                                             | 330                                            | 495                     | 9740                                                    | 1.80                                   |                                     |
| 3.2                                             | 275                                            | 438                     | 9990                                                    | 2.2                                    | KH 90 H50 D63S4<br>KHF 90 H50 D63S4 |
| 1.8                                             | 525                                            | 782                     | 5710                                                    | 0.85                                   |                                     |
| 2.0                                             | 440                                            | 678                     | 7160                                                    | 1.05                                   |                                     |
| 2.3                                             | 395                                            | 604                     | 7330                                                    | 1.15                                   |                                     |
| 2.6                                             | 360                                            | 537                     | 7460                                                    | 1.25                                   |                                     |
| 2.9                                             | 315                                            | 471                     | 7590                                                    | 1.45                                   |                                     |
| 3.9                                             | 235                                            | 357                     | 7790                                                    | 1.95                                   |                                     |
| 4.3                                             | 205                                            | 319                     | 7840                                                    | 2.2                                    | KH 50 H30 D63S4<br>KHF 50 H30 D63S4 |
| 3.8                                             | 245                                            | 359                     | 7760                                                    | 1.80                                   |                                     |
| 4.3                                             | 225                                            | 324                     | 7810                                                    | 2.0                                    |                                     |
| 4.8                                             | 196                                            | 290                     | 7860                                                    | 2.3                                    |                                     |
| 5.3                                             | 177                                            | 262                     | 7890                                                    | 2.5                                    |                                     |
| 5.6                                             | 164                                            | 246                     | 7910                                                    | 2.8                                    |                                     |
| 6.3                                             | 144                                            | 220                     | 7940                                                    | 3.1                                    |                                     |
| 2.4                                             | 375                                            | 572                     | 2500                                                    | 0.80                                   | KH 40 H30 D63S4<br>KHF 40 H30 D63S4 |
| 2.7                                             | 330                                            | 510                     | 5140                                                    | 0.90                                   |                                     |
| 3.2                                             | 275                                            | 436                     | 5540                                                    | 1.10                                   |                                     |
| 3.4                                             | 255                                            | 408                     | 5630                                                    | 1.15                                   |                                     |
| 4.0                                             | 210                                            | 344                     | 5810                                                    | 1.40                                   |                                     |
| 2.8                                             | 355                                            | 502                     | 3780                                                    | 0.85                                   | KH 40 H30 D63S4<br>KHF 40 H30 D63S4 |
| 3.2                                             | 300                                            | 429                     | 5430                                                    | 1.00                                   |                                     |
| 3.7                                             | 255                                            | 372                     | 5640                                                    | 1.15                                   |                                     |
| 4.0                                             | 240                                            | 348                     | 5710                                                    | 1.25                                   |                                     |
| 4.6                                             | 205                                            | 301                     | 5840                                                    | 1.50                                   |                                     |
| 5.4                                             | 169                                            | 255                     | 5950                                                    | 1.75                                   |                                     |
| 6.1                                             | 150                                            | 228                     | 6000                                                    | 2.0                                    |                                     |
| 7.1                                             | 125                                            | 195                     | 6050                                                    | 2.4                                    |                                     |
| 4.1                                             | 220                                            | 338                     | 4700                                                    | 0.90                                   | KH 30 H10 D63S4<br>KHF 30 H10 D63S4 |
| 4.7                                             | 205                                            | 296                     | 4910                                                    | 1.00                                   |                                     |
| 5.3                                             | 176                                            | 259                     | 5220                                                    | 1.15                                   |                                     |
| 6.1                                             | 155                                            | 228                     | 5420                                                    | 1.30                                   |                                     |
| 6.9                                             | 134                                            | 199                     | 5600                                                    | 1.50                                   |                                     |
| 8.0                                             | 117                                            | 172                     | 5720                                                    | 1.70                                   |                                     |
| 4.2                                             | 230                                            | 328                     | 4550                                                    | 0.90                                   | KH 30 H10 D63S4<br>KHF 30 H10 D63S4 |
| 4.8                                             | 197                                            | 289                     | 4990                                                    | 1.00                                   |                                     |
| 5.2                                             | 184                                            | 265                     | 5130                                                    | 1.10                                   |                                     |
| 6.1                                             | 151                                            | 226                     | 5470                                                    | 1.35                                   |                                     |
| 6.8                                             | 138                                            | 202                     | 5570                                                    | 1.45                                   |                                     |
| 7.7                                             | 120                                            | 179                     | 5700                                                    | 1.65                                   |                                     |



| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model                        |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|-------------------------------------|
| 0.12kW                                                   |                                                         |                       |                                                         |                                                 |                                     |
| 6.0                                                      | 152                                                     | 229                   | 4130                                                    | 0.85                                            | KH 20 H10 D63S4<br>KHF 20 H10 D63S4 |
| 6.9                                                      | 132                                                     | 200                   | 4220                                                    | 1.00                                            |                                     |
| 7.8                                                      | 116                                                     | 177                   | 4290                                                    | 1.10                                            |                                     |
| 8.3                                                      | 111                                                     | 166                   | 4310                                                    | 1.15                                            |                                     |
| 8.8                                                      | 102                                                     | 156                   | 4350                                                    | 1.25                                            |                                     |
| 6.1                                                      | 151                                                     | 227                   | 4130                                                    | 0.85                                            | KH 20 H10 D63S4<br>KHF 20 H10 D63S4 |
| 6.8                                                      | 138                                                     | 203                   | 4200                                                    | 0.95                                            |                                     |
| 7.7                                                      | 121                                                     | 179                   | 4280                                                    | 1.10                                            |                                     |
| 8.8                                                      | 102                                                     | 156                   | 4350                                                    | 1.25                                            |                                     |
| 4.6                                                      | 250                                                     | 195.24                | 12900                                                   | 3.3                                             | KH 70 D63M6<br>KHF 70 D63M6         |
| 5.4                                                      | 210                                                     | 166.59                | 13000                                                   | 3.9                                             |                                     |
| 6.2                                                      | 186                                                     | 145.67                | 13000                                                   | 4.4                                             |                                     |
| 4.5                                                      | 255                                                     | 199.81                | 10100                                                   | 2.4                                             | KH 60 D63M6<br>KHF 60 D63M6         |
| 4.9                                                      | 235                                                     | 184.07                | 10100                                                   | 2.6                                             |                                     |
| 5.7                                                      | 200                                                     | 158.14                | 10300                                                   | 3.0                                             |                                     |
| 6.5                                                      | 175                                                     | 137.67                | 10300                                                   | 3.4                                             |                                     |
| 7.0                                                      | 164                                                     | 128.97                | 10400                                                   | 3.7                                             |                                     |
| 7.9                                                      | 145                                                     | 113.94                | 10400                                                   | 4.1                                             |                                     |
| 6.9                                                      | 166                                                     | 199.81                | 10300                                                   | 3.6                                             |                                     |
| 7.5                                                      | 153                                                     | 184.07                | 10400                                                   | 3.9                                             | KH 60 D63S4<br>KHF 60 D63S4         |
| 8.8                                                      | 102                                                     | 156                   | 4350                                                    | 1.25                                            |                                     |
| 4.8                                                      | 240                                                     | 186.89                | 7780                                                    | 1.90                                            | KH 80 D63M6<br>KHF 80 D63M6         |
| 5.2                                                      | 220                                                     | 172.17                | 7820                                                    | 2.0                                             |                                     |
| 6.1                                                      | 188                                                     | 147.92                | 7870                                                    | 2.4                                             |                                     |
| 7.0                                                      | 164                                                     | 128.77                | 7910                                                    | 2.7                                             |                                     |
| 7.5                                                      | 154                                                     | 120.63                | 7920                                                    | 2.9                                             |                                     |
| 8.4                                                      | 136                                                     | 106.58                | 7950                                                    | 3.3                                             |                                     |
| 9.1                                                      | 126                                                     | 98.99                 | 7960                                                    | 3.6                                             |                                     |
| 7.4                                                      | 155                                                     | 186.89                | 7920                                                    | 2.9                                             |                                     |
| 8.0                                                      | 143                                                     | 172.17                | 7940                                                    | 3.2                                             | KH 50 D63S4<br>KHF 50 D63S4         |
| 9.3                                                      | 123                                                     | 147.92                | 7960                                                    | 3.7                                             |                                     |
| 11                                                       | 107                                                     | 128.77                | 7980                                                    | 4.2                                             |                                     |
| 5.1                                                      | 225                                                     | 176.88                | 5760                                                    | 1.35                                            | KH 40 D63M6<br>KHF 40 D63M6         |
| 5.5                                                      | 210                                                     | 162.94                | 5830                                                    | 1.45                                            |                                     |
| 6.4                                                      | 178                                                     | 139.99                | 5920                                                    | 1.70                                            |                                     |
| 7.4                                                      | 155                                                     | 121.87                | 5980                                                    | 1.95                                            |                                     |
| 7.8                                                      | 147                                                     | 176.88                | 6000                                                    | 2.0                                             | KH 40 D63S4<br>KHF 40 D63S4         |
| 8.5                                                      | 135                                                     | 162.94                | 6030                                                    | 2.2                                             |                                     |
| 9.9                                                      | 116                                                     | 139.99                | 6070                                                    | 2.6                                             |                                     |
| 11                                                       | 101                                                     | 121.87                | 6100                                                    | 3.0                                             |                                     |
| 12                                                       | 95                                                      | 114.17                | 6110                                                    | 3.2                                             |                                     |
| 14                                                       | 84                                                      | 100.86                | 6120                                                    | 3.6                                             |                                     |
| 15                                                       | 78                                                      | 93.68                 | 6130                                                    | 3.9                                             |                                     |
| 6.7                                                      | 172                                                     | 134.82                | 5270                                                    | 1.15                                            | KH 30 D63M6<br>KHF 30 D63M6         |
| 7.3                                                      | 157                                                     | 123.66                | 5410                                                    | 1.25                                            |                                     |
| 8.6                                                      | 134                                                     | 105.28                | 5600                                                    | 1.50                                            |                                     |
| 9.9                                                      | 116                                                     | 90.77                 | 5730                                                    | 1.75                                            |                                     |
| 11                                                       | 108                                                     | 84.61                 | 5770                                                    | 1.85                                            |                                     |
| 12                                                       | 94                                                      | 73.96                 | 5850                                                    | 2.1                                             |                                     |
| 10                                                       | 112                                                     | 134.82                | 5750                                                    | 1.80                                            | KH 30 D63S4<br>KHF 30 D63S4         |
| 11                                                       | 103                                                     | 123.66                | 5800                                                    | 1.95                                            |                                     |
| 13                                                       | 87                                                      | 105.28                | 5880                                                    | 2.3                                             |                                     |
| 15                                                       | 75                                                      | 90.77                 | 5930                                                    | 2.7                                             |                                     |
| 16                                                       | 70                                                      | 84.61                 | 5950                                                    | 2.8                                             |                                     |
| 19                                                       | 61                                                      | 73.96                 | 5980                                                    | 3.3                                             |                                     |
| 7.3                                                      | 158                                                     | 123.91                | 4090                                                    | 0.80                                            | KH 20 D63M6<br>KHF 20 D63M6         |
| 8.5                                                      | 134                                                     | 105.49                | 4210                                                    | 0.95                                            |                                     |
| 9.9                                                      | 116                                                     | 90.96                 | 4300                                                    | 1.10                                            |                                     |
| 11                                                       | 108                                                     | 84.78                 | 4330                                                    | 1.20                                            |                                     |
| 12                                                       | 94                                                      | 74.11                 | 4370                                                    | 1.40                                            |                                     |
| 12                                                       | 94                                                      | 74.11                 | 4370                                                    | 1.40                                            |                                     |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model |                  |                |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------|------------------|----------------|
| 0.12kW                                                   |                                                         |                       |                                                         |                                                 |              |                  |                |
| 10                                                       | 112                                                     | 135.09                | 4310                                                    | 1.15                                            | KH<br>KHF    | 20<br>20         | D63S4<br>D63S4 |
| 11                                                       | 103                                                     | 123.91                | 4340                                                    | 1.25                                            |              |                  |                |
| 13                                                       | 88                                                      | 105.49                | 4390                                                    | 1.50                                            |              |                  |                |
| 15                                                       | 76                                                      | 90.96                 | 4430                                                    | 1.70                                            |              |                  |                |
| 16                                                       | 70                                                      | 84.78                 | 4440                                                    | 1.85                                            |              |                  |                |
| 19                                                       | 62                                                      | 74.11                 | 4460                                                    | 2.1                                             |              |                  |                |
| 20                                                       | 58                                                      | 69.47                 | 4470                                                    | 2.2                                             |              |                  |                |
| 23                                                       | 51                                                      | 61.30                 | 4400                                                    | 2.5                                             |              |                  |                |
| 25                                                       | 46                                                      | 55.87                 | 4280                                                    | 2.8                                             |              |                  |                |
| 29                                                       | 40                                                      | 48.17                 | 4090                                                    | 3.2                                             |              |                  |                |
| 31                                                       | 37                                                      | 44.90                 | 4000                                                    | 3.5                                             |              |                  |                |
| 11                                                       | 104                                                     | 81.64                 | 300                                                     | 0.80                                            | KH<br>KHF    | 10<br>10         | D63M6<br>D63M6 |
| 13                                                       | 90                                                      | 70.39                 | 1470                                                    | 0.95                                            |              |                  |                |
| 14                                                       | 84                                                      | 65.61                 | 1860                                                    | 1.00                                            |              |                  |                |
| 16                                                       | 73                                                      | 57.35                 | 2430                                                    | 1.15                                            |              |                  |                |
| 17                                                       | 68                                                      | 53.76                 | 2500                                                    | 1.25                                            |              |                  |                |
| 19                                                       | 60                                                      | 47.44                 | 2500                                                    | 1.40                                            |              |                  |                |
| 17                                                       | 68                                                      | 81.64                 | 2500                                                    | 1.25                                            | KH<br>KHF    | 10<br>10         | D63S4<br>D63S4 |
| 20                                                       | 58                                                      | 70.39                 | 2500                                                    | 1.45                                            |              |                  |                |
| 21                                                       | 55                                                      | 65.61                 | 2500                                                    | 1.55                                            |              |                  |                |
| 24                                                       | 48                                                      | 57.35                 | 2500                                                    | 1.80                                            |              |                  |                |
| 26                                                       | 45                                                      | 53.76                 | 2500                                                    | 1.90                                            |              |                  |                |
| 29                                                       | 39                                                      | 47.44                 | 2500                                                    | 2.2                                             |              |                  |                |
| 31                                                       | 37                                                      | 44.18                 | 2500                                                    | 2.3                                             |              |                  |                |
| 36                                                       | 32                                                      | 38.61                 | 2430                                                    | 2.7                                             |              |                  |                |
| 38                                                       | 30                                                      | 36.20                 | 2390                                                    | 2.8                                             |              |                  |                |
| 43                                                       | 27                                                      | 31.94                 | 2310                                                    | 3.2                                             |              |                  |                |
| 49                                                       | 24                                                      | 28.32                 | 2230                                                    | 3.6                                             |              |                  |                |
| 57                                                       | 20                                                      | 24.07                 | 2130                                                    | 4.2                                             |              |                  |                |
| 55                                                       | 21                                                      | 25.23                 | 2160                                                    | 4.1                                             | KH<br>KHF    | 10<br>10         | D63S4<br>D63S4 |
| 60                                                       | 19                                                      | 23.15                 | 2110                                                    | 4.4                                             |              |                  |                |
| 70                                                       | 16                                                      | 19.71                 | 2010                                                    | 5.2                                             |              |                  |                |
| 81                                                       | 14                                                      | 16.99                 | 1920                                                    | 6.0                                             |              |                  |                |
| 87                                                       | 13                                                      | 15.84                 | 1880                                                    | 6.4                                             |              |                  |                |
| 100                                                      | 12                                                      | 13.84                 | 1810                                                    | 7.4                                             |              |                  |                |
| 106                                                      | 11                                                      | 12.98                 | 1770                                                    | 7.9                                             |              |                  |                |
| 121                                                      | 9.5                                                     | 11.45                 | 1710                                                    | 8.5                                             |              |                  |                |
| 136                                                      | 8.4                                                     | 10.15                 | 1640                                                    | 9.2                                             |              |                  |                |
| 160                                                      | 7.2                                                     | 8.63                  | 1560                                                    | 10                                              |              |                  |                |
| 183                                                      | 6.3                                                     | 7.55                  | 1490                                                    | 8.9                                             |              |                  |                |
| 196                                                      | 5.8                                                     | 7.04                  | 1460                                                    | 9.5                                             |              |                  |                |
| 224                                                      | 5.1                                                     | 6.15                  | 1400                                                    | 11                                              |              |                  |                |
| 239                                                      | 4.8                                                     | 5.76                  | 1370                                                    | 11                                              |              |                  |                |
| 271                                                      | 4.2                                                     | 5.09                  | 1320                                                    | 12                                              |              |                  |                |
| 306                                                      | 3.7                                                     | 4.51                  | 1270                                                    | 13                                              |              |                  |                |
| 360                                                      | 3.2                                                     | 3.83                  | 1200                                                    | 14                                              |              |                  |                |
| 227                                                      | 5.0                                                     | 6.07                  | 4270                                                    | 8.6                                             | KH<br>KHF    | 60<br>60         | D63S4<br>D63S4 |
| 267                                                      | 4.3                                                     | 5.18                  | 4050                                                    | 17                                              |              |                  |                |
| 305                                                      | 3.8                                                     | 4.53                  | 3870                                                    | 22                                              |              |                  |                |
| 321                                                      | 3.6                                                     | 4.30                  | 3810                                                    | 22                                              |              |                  |                |
| 251                                                      | 4.6                                                     | 5.50                  | 3360                                                    | 8.5                                             | KH<br>KHF    | 50<br>50         | D63S4<br>D63S4 |
| 272                                                      | 4.2                                                     | 5.07                  | 3270                                                    | 8.6                                             |              |                  |                |
| 317                                                      | 3.6                                                     | 4.35                  | 3120                                                    | 19                                              |              |                  |                |
| 364                                                      | 3.1                                                     | 3.79                  | 2980                                                    | 22                                              |              |                  |                |
| 389                                                      | 2.9                                                     | 3.55                  | 2910                                                    | 24                                              |              |                  |                |
| 440                                                      | 2.6                                                     | 3.14                  | 2800                                                    | 25                                              |              |                  |                |
| 474                                                      | 2.4                                                     | 2.91                  | 2730                                                    | 28                                              |              |                  |                |
| 523                                                      | 2.2                                                     | 2.64                  | 2640                                                    | 31                                              |              |                  |                |
| 582                                                      | 2.0                                                     | 2.37                  | 2550                                                    | 35                                              |              |                  |                |
| 676                                                      | 1.7                                                     | 2.04                  | 2430                                                    | 41                                              |              |                  |                |
| 719                                                      | 1.6                                                     | 1.92                  | 2380                                                    | 43                                              |              |                  |                |
| 835                                                      | 1.4                                                     | 1.65                  | 2260                                                    | 49                                              |              |                  |                |
| 0.18kW                                                   |                                                         |                       |                                                         |                                                 |              |                  |                |
| 0.09                                                     | 15500                                                   | 14075                 | 43800                                                   | 0.85                                            | KH<br>KHF    | 140H70<br>140H70 | D63M4<br>D63M4 |
| 0.11                                                     | 12900                                                   | 12344                 | 62800                                                   | 1.00                                            |              |                  |                |
| 0.12                                                     | 11600                                                   | 11143                 | 65300                                                   | 1.10                                            |              |                  |                |
| 0.14                                                     | 10200                                                   | 9743                  | 67500                                                   | 1.25                                            |              |                  |                |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model |                                |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------|--------------------------------|
| 0.18kW                                                   |                                                         |                       |                                                         |                                                 |              |                                |
| 0.16                                                     | 8590                                                    | 8443                  | 69600                                                   | 1.50                                            | KH<br>KHF    | 140 H70 D63M4<br>140 H70 D63M4 |
| 0.18                                                     | 7430                                                    | 7307                  | 70900                                                   | 1.75                                            |              |                                |
| 0.20                                                     | 6560                                                    | 6447                  | 71700                                                   | 2.0                                             |              |                                |
| 0.24                                                     | 5660                                                    | 5568                  | 72500                                                   | 2.3                                             |              |                                |
| 0.27                                                     | 5120                                                    | 4926                  | 72900                                                   | 2.5                                             |              |                                |
| 0.31                                                     | 4430                                                    | 4325                  | 73300                                                   | 2.9                                             |              |                                |
| 0.35                                                     | 3900                                                    | 3754                  | 73600                                                   | 3.3                                             |              |                                |
| 0.40                                                     | 3380                                                    | 3302                  | 73800                                                   | 3.8                                             |              |                                |
| 0.15                                                     | 8930                                                    | 8784                  | 49900                                                   | 0.90                                            | KH<br>KHF    | 130 H70 D63M4<br>130 H70 D63M4 |
| 0.18                                                     | 7490                                                    | 7479                  | 54400                                                   | 1.05                                            |              |                                |
| 0.20                                                     | 6880                                                    | 6559                  | 55600                                                   | 1.15                                            |              |                                |
| 0.23                                                     | 5840                                                    | 5834                  | 57300                                                   | 1.35                                            | KH<br>KHF    | 130 H70 D63M4<br>130 H70 D63M4 |
| 0.26                                                     | 5370                                                    | 5116                  | 57900                                                   | 1.50                                            |              |                                |
| 0.30                                                     | 4540                                                    | 4464                  | 58900                                                   | 1.75                                            |              |                                |
| 0.34                                                     | 4000                                                    | 3928                  | 59500                                                   | 2.0                                             |              |                                |
| 0.28                                                     | 5260                                                    | 4709                  | 58100                                                   | 1.50                                            | KH<br>KHF    | 130 H70 D63M4<br>130 H70 D63M4 |
| 0.33                                                     | 4450                                                    | 4018                  | 59000                                                   | 1.80                                            |              |                                |
| 0.38                                                     | 3850                                                    | 3514                  | 59600                                                   | 2.1                                             |              |                                |
| 0.40                                                     | 3640                                                    | 3338                  | 59800                                                   | 2.2                                             |              |                                |
| 0.45                                                     | 3160                                                    | 2929                  | 60200                                                   | 2.5                                             |              |                                |
| 0.30                                                     | 4510                                                    | 4435                  | 28300                                                   | 0.95                                            | KH<br>KHF    | 100 H30 D63M4<br>100 H30 D63M4 |
| 0.34                                                     | 3990                                                    | 3896                  | 31100                                                   | 1.10                                            |              |                                |
| 0.43                                                     | 3190                                                    | 3039                  | 34300                                                   | 1.35                                            |              |                                |
| 0.34                                                     | 4380                                                    | 3918                  | 29000                                                   | 1.00                                            | KH<br>KHF    | 100 H70 D63M4<br>100 H70 D63M4 |
| 0.39                                                     | 3700                                                    | 3343                  | 32400                                                   | 1.15                                            |              |                                |
| 0.44                                                     | 3360                                                    | 3034                  | 33700                                                   | 1.30                                            |              |                                |
| 0.50                                                     | 2910                                                    | 2653                  | 35200                                                   | 1.50                                            |              |                                |
| 0.58                                                     | 2500                                                    | 2280                  | 36200                                                   | 1.70                                            |              |                                |
| 0.64                                                     | 2200                                                    | 2067                  | 36500                                                   | 1.95                                            |              |                                |
| 0.66                                                     | 2050                                                    | 1987                  | 36700                                                   | 2.1                                             | KH<br>KHF    | 100 H70 D63M4<br>100 H70 D63M4 |
| 0.72                                                     | 1840                                                    | 1827                  | 36900                                                   | 2.3                                             |              |                                |
| 0.83                                                     | 1580                                                    | 1599                  | 37200                                                   | 2.7                                             |              |                                |
| 0.94                                                     | 1410                                                    | 1400                  | 37300                                                   | 3.1                                             |              |                                |
| 1.1                                                      | 1210                                                    | 1226                  | 37400                                                   | 3.6                                             |              |                                |
| 0.49                                                     | 2920                                                    | 2668                  | 21500                                                   | 1.05                                            | KH<br>KHF    | 90 H50 D63M4<br>90 H50 D63M4   |
| 0.59                                                     | 2420                                                    | 2245                  | 24500                                                   | 1.25                                            |              |                                |
| 0.65                                                     | 2160                                                    | 2016                  | 25700                                                   | 1.40                                            |              |                                |
| 0.76                                                     | 1920                                                    | 1733                  | 26700                                                   | 1.55                                            |              |                                |
| 0.81                                                     | 1790                                                    | 1623                  | 27200                                                   | 1.70                                            |              |                                |
| 0.92                                                     | 1570                                                    | 1434                  | 27600                                                   | 1.90                                            |              |                                |
| 1.1                                                      | 1300                                                    | 1207                  | 27900                                                   | 2.3                                             |              |                                |
| 1.2                                                      | 1160                                                    | 1084                  | 28100                                                   | 2.6                                             |              |                                |
| 1.4                                                      | 990                                                     | 934                   | 28200                                                   | 3.0                                             |              |                                |
| 1.5                                                      | 920                                                     | 878                   | 28300                                                   | 3.2                                             |              |                                |
| 1.8                                                      | 785                                                     | 755                   | 28400                                                   | 3.8                                             |              |                                |
| 0.49                                                     | 2980                                                    | 2722                  | 20400                                                   | 1.00                                            | KH<br>KHF    | 70 H30 D63M4<br>70 H30 D63M4   |
| 0.57                                                     | 2520                                                    | 2311                  | 24000                                                   | 1.20                                            |              |                                |
| 0.64                                                     | 2270                                                    | 2078                  | 25200                                                   | 1.30                                            |              |                                |
| 0.76                                                     | 1850                                                    | 1733                  | 10800                                                   | 0.85                                            | KH<br>KHF    | 80 H50 D63M4<br>80 H50 D63M4   |
| 0.89                                                     | 1650                                                    | 1489                  | 16200                                                   | 0.95                                            |              |                                |
| 0.95                                                     | 1540                                                    | 1395                  | 17000                                                   | 1.00                                            |              |                                |
| 1.1                                                      | 1350                                                    | 1232                  | 18200                                                   | 1.15                                            |              |                                |
| 1.1                                                      | 1250                                                    | 1145                  | 18700                                                   | 1.25                                            |              |                                |
| 1.3                                                      | 1120                                                    | 1037                  | 19300                                                   | 1.40                                            |              |                                |
| 1.4                                                      | 1000                                                    | 931                   | 19800                                                   | 1.55                                            |              |                                |
| 1.6                                                      | 850                                                     | 802                   | 20000                                                   | 1.85                                            |              |                                |
| 0.76                                                     | 1850                                                    | 1737                  | 11200                                                   | 0.85                                            | KH<br>KHF    | 80 H50 D63M4<br>80 H50 D63M4   |
| 0.87                                                     | 1620                                                    | 1524                  | 16400                                                   | 0.95                                            |              |                                |
| 1.0                                                      | 1350                                                    | 1303                  | 18200                                                   | 1.15                                            |              |                                |
| 1.2                                                      | 1180                                                    | 1143                  | 19100                                                   | 1.30                                            |              |                                |
| 1.5                                                      | 940                                                     | 885                   | 20000                                                   | 1.65                                            |              |                                |
| 1.7                                                      | 830                                                     | 776                   | 20000                                                   | 1.90                                            |              |                                |
| 1.5                                                      | 950                                                     | 858                   | 8100                                                    | 0.85                                            | KH<br>KHF    | 70 H30 D63M4<br>70 H30 D63M4   |
| 1.7                                                      | 830                                                     | 757                   | 9800                                                    | 1.00                                            |              |                                |
| 2.0                                                      | 735                                                     | 671                   | 10700                                                   | 1.10                                            |              |                                |
| 2.3                                                      | 620                                                     | 571                   | 11400                                                   | 1.35                                            |              |                                |



KH..

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model                |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|-----------------------------|
| 0.18kW                                                   |                                                         |                       |                                                         |                                                 |                             |
| 4.3                                                      | 395                                                     | 199.81                | 9370                                                    | 1.50                                            | KH 60 D63L6<br>KHF 60 D63L6 |
| 4.7                                                      | 365                                                     | 184.07                | 9560                                                    | 1.65                                            |                             |
| 5.5                                                      | 310                                                     | 158.14                | 9830                                                    | 1.90                                            |                             |
| 6.3                                                      | 270                                                     | 137.67                | 10000                                                   | 2.2                                             |                             |
| 6.8                                                      | 255                                                     | 128.97                | 10100                                                   | 2.3                                             |                             |
| 7.6                                                      | 225                                                     | 113.94                | 10200                                                   | 2.7                                             |                             |
| 8.2                                                      | 210                                                     | 105.83                | 10200                                                   | 2.9                                             |                             |
| 9.1                                                      | 190                                                     | 95.91                 | 10300                                                   | 3.2                                             |                             |
| 10                                                       | 170                                                     | 86.11                 | 10300                                                   | 3.5                                             |                             |
| 12                                                       | 147                                                     | 74.17                 | 10400                                                   | 4.1                                             |                             |
| 12                                                       | 138                                                     | 69.75                 | 10400                                                   | 4.3                                             |                             |
| 6.6                                                      | 260                                                     | 119.81                | 10100                                                   | 2.3                                             | KH 60 D63M4<br>KHF 60 D63M4 |
| 7.2                                                      | 240                                                     | 184.07                | 10100                                                   | 2.5                                             |                             |
| 8.4                                                      | 205                                                     | 158.14                | 10200                                                   | 2.9                                             |                             |
| 9.6                                                      | 179                                                     | 137.67                | 10300                                                   | 3.3                                             |                             |
| 10                                                       | 168                                                     | 128.97                | 10300                                                   | 3.6                                             |                             |
| 12                                                       | 148                                                     | 113.94                | 10400                                                   | 4.0                                             |                             |
| 12                                                       | 138                                                     | 105.83                | 10400                                                   | 4.3                                             |                             |
| 4.7                                                      | 370                                                     | 186.89                | 7420                                                    | 1.20                                            | KH 50 D63L6<br>KHF 50 D63L6 |
| 5.1                                                      | 340                                                     | 172.17                | 7510                                                    | 1.30                                            |                             |
| 5.9                                                      | 290                                                     | 147.92                | 7650                                                    | 1.55                                            |                             |
| 6.8                                                      | 255                                                     | 128.77                | 7740                                                    | 1.75                                            |                             |
| 7.2                                                      | 240                                                     | 120.63                | 7780                                                    | 1.90                                            |                             |
| 7.1                                                      | 245                                                     | 186.89                | 7770                                                    | 1.85                                            | KH 50 D63M4<br>KHF 50 D63M4 |
| 7.7                                                      | 225                                                     | 172.17                | 7810                                                    | 2.0                                             |                             |
| 8.9                                                      | 193                                                     | 147.92                | 7870                                                    | 2.3                                             |                             |
| 10                                                       | 168                                                     | 128.77                | 7900                                                    | 2.7                                             |                             |
| 11                                                       | 157                                                     | 120.63                | 7920                                                    | 2.9                                             |                             |
| 12                                                       | 139                                                     | 106.58                | 7940                                                    | 3.2                                             |                             |
| 13                                                       | 129                                                     | 98.99                 | 7950                                                    | 3.5                                             |                             |
| 15                                                       | 117                                                     | 89.71                 | 7970                                                    | 3.8                                             |                             |
| 7.5                                                      | 230                                                     | 176.88                | 5740                                                    | 1.30                                            | KH 40 D63M4<br>KHF 40 D63M4 |
| 8.1                                                      | 210                                                     | 162.94                | 5810                                                    | 1.40                                            |                             |
| 9.4                                                      | 182                                                     | 139.99                | 5910                                                    | 1.65                                            |                             |
| 11                                                       | 159                                                     | 121.87                | 5980                                                    | 1.90                                            |                             |
| 12                                                       | 149                                                     | 114.17                | 6000                                                    | 2.0                                             |                             |
| 13                                                       | 131                                                     | 100.86                | 6040                                                    | 2.3                                             |                             |
| 14                                                       | 122                                                     | 93.68                 | 6060                                                    | 2.5                                             |                             |
| 16                                                       | 111                                                     | 84.90                 | 6080                                                    | 2.7                                             |                             |
| 17                                                       | 99                                                      | 76.23                 | 6100                                                    | 3.0                                             |                             |
| 7.0                                                      | 245                                                     | 123.66                | 3060                                                    | 0.80                                            | KH 30 D63L6<br>KHF 30 D63L6 |
| 8.3                                                      | 210                                                     | 105.28                | 4840                                                    | 0.95                                            |                             |
| 9.6                                                      | 179                                                     | 90.77                 | 5190                                                    | 1.10                                            |                             |
| 10                                                       | 167                                                     | 84.61                 | 5310                                                    | 1.20                                            |                             |
| 9.8                                                      | 176                                                     | 134.82                | 5230                                                    | 1.15                                            | KH 30 D63M4<br>KHF 30 D63M4 |
| 11                                                       | 161                                                     | 123.66                | 5370                                                    | 1.25                                            |                             |
| 13                                                       | 137                                                     | 105.28                | 5580                                                    | 1.45                                            |                             |
| 15                                                       | 118                                                     | 90.77                 | 5710                                                    | 1.70                                            |                             |
| 16                                                       | 110                                                     | 84.61                 | 5760                                                    | 1.80                                            |                             |
| 18                                                       | 96                                                      | 73.96                 | 5840                                                    | 2.1                                             |                             |
| 19                                                       | 90                                                      | 69.33                 | 5870                                                    | 2.2                                             |                             |
| 22                                                       | 80                                                      | 61.18                 | 5920                                                    | 2.5                                             |                             |
| 24                                                       | 73                                                      | 55.76                 | 5940                                                    | 2.8                                             |                             |
| 27                                                       | 63                                                      | 48.08                 | 5960                                                    | 3.2                                             |                             |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model                 |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|------------------------------|
| 0.18kW                                                   |                                                         |                       |                                                         |                                                 |                              |
| 11                                                       | 161                                                     | 123.91                | 4070                                                    | 0.80                                            | KH 20 D63M4<br>KHF 20 D63M4  |
| 13                                                       | 137                                                     | 105.49                | 4200                                                    | 0.95                                            |                              |
| 15                                                       | 118                                                     | 90.96                 | 4280                                                    | 1.10                                            |                              |
| 16                                                       | 110                                                     | 84.78                 | 4320                                                    | 1.20                                            |                              |
| 18                                                       | 97                                                      | 74.11                 | 4370                                                    | 1.35                                            |                              |
| 19                                                       | 91                                                      | 69.47                 | 4380                                                    | 1.45                                            |                              |
| 22                                                       | 80                                                      | 61.30                 | 4320                                                    | 1.65                                            |                              |
| 24                                                       | 73                                                      | 55.87                 | 4210                                                    | 1.80                                            |                              |
| 27                                                       | 63                                                      | 48.17                 | 4040                                                    | 2.1                                             |                              |
| 29                                                       | 59                                                      | 44.90                 | 3960                                                    | 2.2                                             |                              |
| 34                                                       | 51                                                      | 39.25                 | 3810                                                    | 2.5                                             |                              |
| 36                                                       | 48                                                      | 36.79                 | 3740                                                    | 2.7                                             |                              |
| 41                                                       | 42                                                      | 32.47                 | 3610                                                    | 3.1                                             |                              |
| 46                                                       | 38                                                      | 28.78                 | 3480                                                    | 3.5                                             |                              |
| 54                                                       | 32                                                      | 24.47                 | 3310                                                    | 4.1                                             |                              |
| 47                                                       | 37                                                      | 28.37                 | 3470                                                    | 3.5                                             | KH 20 D63M4<br>KHF 20 D63M4  |
| 51                                                       | 34                                                      | 26.09                 | 3380                                                    | 3.8                                             |                              |
| 59                                                       | 29                                                      | 22.32                 | 3220                                                    | 4.5                                             |                              |
| 68                                                       | 25                                                      | 19.35                 | 3090                                                    | 5.2                                             |                              |
| 73                                                       | 24                                                      | 18.08                 | 3020                                                    | 5.5                                             |                              |
| 84                                                       | 20                                                      | 15.63                 | 2890                                                    | 6.4                                             |                              |
| 99                                                       | 17                                                      | 13.28                 | 2750                                                    | 7.5                                             |                              |
| 16                                                       | 106                                                     | 81.64                 | 46                                                      | 0.80                                            | KH 10 D63M4<br>KHF 10 D63M4  |
| 19                                                       | 92                                                      | 70.39                 | 1330                                                    | 0.95                                            |                              |
| 20                                                       | 85                                                      | 65.61                 | 1740                                                    | 1.00                                            |                              |
| 23                                                       | 75                                                      | 57.35                 | 2350                                                    | 1.15                                            |                              |
| 25                                                       | 70                                                      | 53.76                 | 2500                                                    | 1.20                                            |                              |
| 28                                                       | 62                                                      | 47.44                 | 2450                                                    | 1.40                                            |                              |
| 30                                                       | 58                                                      | 44.18                 | 2410                                                    | 1.50                                            |                              |
| 34                                                       | 50                                                      | 38.61                 | 2340                                                    | 1.70                                            |                              |
| 36                                                       | 47                                                      | 36.20                 | 2300                                                    | 1.80                                            |                              |
| 41                                                       | 42                                                      | 31.94                 | 2240                                                    | 2.0                                             |                              |
| 47                                                       | 37                                                      | 28.32                 | 2170                                                    | 2.3                                             |                              |
| 55                                                       | 31                                                      | 24.07                 | 2080                                                    | 2.7                                             |                              |
| 34                                                       | 50                                                      | 25.23                 | 2330                                                    | 1.70                                            | KH 10 D63L6<br>KHF 10 D63L6  |
| 38                                                       | 46                                                      | 23.15                 | 2290                                                    | 1.85                                            |                              |
| 44                                                       | 39                                                      | 19.71                 | 2200                                                    | 2.2                                             |                              |
| 52                                                       | 33                                                      | 25.23                 | 2110                                                    | 2.6                                             | KH 10 D63M4<br>KHF 10 D63M4  |
| 57                                                       | 30                                                      | 23.15                 | 2060                                                    | 2.8                                             |                              |
| 67                                                       | 26                                                      | 19.71                 | 1970                                                    | 3.3                                             |                              |
| 78                                                       | 22                                                      | 16.99                 | 1890                                                    | 3.8                                             |                              |
| 83                                                       | 21                                                      | 15.84                 | 1860                                                    | 4.1                                             |                              |
| 95                                                       | 18                                                      | 13.84                 | 1790                                                    | 4.7                                             |                              |
| 102                                                      | 17                                                      | 12.98                 | 1760                                                    | 5.0                                             |                              |
| 115                                                      | 15                                                      | 11.45                 | 1690                                                    | 5.4                                             |                              |
| 130                                                      | 13                                                      | 10.15                 | 1640                                                    | 5.8                                             |                              |
| 153                                                      | 11                                                      | 8.63                  | 1560                                                    | 6.4                                             |                              |
| 175                                                      | 9.8                                                     | 7.55                  | 1480                                                    | 5.7                                             |                              |
| 188                                                      | 9.2                                                     | 7.04                  | 1450                                                    | 6.0                                             |                              |
| 215                                                      | 8.0                                                     | 6.15                  | 1390                                                    | 6.8                                             |                              |
| 229                                                      | 7.5                                                     | 5.76                  | 1370                                                    | 7.1                                             |                              |
| 259                                                      | 6.6                                                     | 5.09                  | 1320                                                    | 7.7                                             |                              |
| 293                                                      | 5.9                                                     | 4.51                  | 1270                                                    | 8.1                                             |                              |
| 344                                                      | 5.0                                                     | 3.83                  | 1210                                                    | 9.0                                             |                              |
| 268                                                      | 6.4                                                     | 10.15                 | 1310                                                    | 12                                              | KH 10 D63S2<br>KHF 10 D63S2  |
| 315                                                      | 5.5                                                     | 8.63                  | 1250                                                    | 13                                              |                              |
| 360                                                      | 4.8                                                     | 7.55                  | 1190                                                    | 12                                              |                              |
| 387                                                      | 4.4                                                     | 7.04                  | 1160                                                    | 13                                              |                              |
| 442                                                      | 3.9                                                     | 6.15                  | 1120                                                    | 14                                              |                              |
| 472                                                      | 3.6                                                     | 5.76                  | 1090                                                    | 15                                              |                              |
| 535                                                      | 3.2                                                     | 5.09                  | 1050                                                    | 16                                              |                              |
| 603                                                      | 2.8                                                     | 4.51                  | 1010                                                    | 17                                              |                              |
| 710                                                      | 2.4                                                     | 3.83                  | 960                                                     | 19                                              |                              |
| 143                                                      | 12                                                      | 6.07                  | 4940                                                    | 3.6                                             | KH 60 D63L6<br>KHXF 60 D63L6 |
| 168                                                      | 10                                                      | 5.18                  | 4690                                                    | 7.3                                             |                              |
| 192                                                      | 8.9                                                     | 4.53                  | 4490                                                    | 9.2                                             |                              |
| 202                                                      | 8.5                                                     | 4.30                  | 4410                                                    | 9.4                                             |                              |

KH..

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model |            |                        |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------|------------|------------------------|
| 0.18kW                                                   |                                                         |                       |                                                         |                                                 |              |            |                        |
| 218                                                      | 7.9                                                     | 6.07                  | 4310                                                    | 5.4                                             | KH<br>KHXF   | 60<br>60   | D63M4<br>D63M4         |
| 255                                                      | 6.7                                                     | 5.18                  | 4090                                                    | 11                                              |              |            |                        |
| 292                                                      | 5.9                                                     | 4.53                  | 3920                                                    | 14                                              |              |            |                        |
| 307                                                      | 5.6                                                     | 4.30                  | 3850                                                    | 14                                              |              |            |                        |
| 350                                                      | 4.9                                                     | 3.77                  | 3690                                                    | 18                                              |              |            |                        |
| 413                                                      | 4.2                                                     | 3.20                  | 3500                                                    | 24                                              |              |            |                        |
| 457                                                      | 3.8                                                     | 2.89                  | 3380                                                    | 28                                              |              |            |                        |
| 519                                                      | 3.3                                                     | 2.54                  | 3240                                                    | 36                                              |              |            |                        |
| 550                                                      | 3.1                                                     | 2.40                  | 3180                                                    | 40                                              |              |            |                        |
| 646                                                      | 2.7                                                     | 2.04                  | 3020                                                    | 50                                              |              |            |                        |
| 158                                                      | 11                                                      | 5.50                  | 3880                                                    | 3.6                                             | KH<br>KHXF   | 50<br>50   | D63L6<br>D63L6         |
| 172                                                      | 10                                                      | 5.07                  | 3780                                                    | 3.6                                             |              |            |                        |
| 200                                                      | 8.6                                                     | 4.35                  | 3600                                                    | 7.9                                             |              |            |                        |
| 230                                                      | 7.5                                                     | 3.79                  | 3440                                                    | 9.2                                             |              |            |                        |
| 240                                                      | 7.2                                                     | 5.50                  | 3400                                                    | 5.4                                             | KH<br>KHXF   | 50<br>50   | D63M4<br>D63M4         |
| 261                                                      | 6.6                                                     | 5.07                  | 3310                                                    | 5.4                                             |              |            |                        |
| 303                                                      | 5.7                                                     | 4.35                  | 3150                                                    | 12                                              |              |            |                        |
| 348                                                      | 4.9                                                     | 3.79                  | 3010                                                    | 14                                              |              |            |                        |
| 372                                                      | 4.6                                                     | 3.55                  | 2950                                                    | 15                                              |              |            |                        |
| 421                                                      | 4.1                                                     | 3.14                  | 2830                                                    | 16                                              |              |            |                        |
| 453                                                      | 3.8                                                     | 2.91                  | 2760                                                    | 18                                              |              |            |                        |
| 500                                                      | 3.4                                                     | 2.64                  | 2670                                                    | 20                                              |              |            |                        |
| 557                                                      | 3.1                                                     | 2.37                  | 2580                                                    | 22                                              |              |            |                        |
| 647                                                      | 2.7                                                     | 2.04                  | 2460                                                    | 26                                              |              |            |                        |
| 688                                                      | 2.5                                                     | 1.92                  | 2410                                                    | 28                                              |              |            |                        |
| 799                                                      | 2.2                                                     | 1.65                  | 2290                                                    | 31                                              |              |            |                        |
| 0.25kW                                                   |                                                         |                       |                                                         |                                                 |              |            |                        |
| 0.13                                                     | 15000                                                   | 9743                  | 50700                                                   | 0.85                                            | KH<br>KHF    | 140<br>140 | H70 D71C4<br>H70 D71C4 |
| 0.15                                                     | 12700                                                   | 8443                  | 63200                                                   | 1.00                                            |              |            |                        |
| 0.18                                                     | 11000                                                   | 7307                  | 66300                                                   | 1.20                                            |              |            |                        |
| 0.20                                                     | 9700                                                    | 6447                  | 68200                                                   | 1.35                                            |              |            |                        |
| 0.23                                                     | 8380                                                    | 5568                  | 69900                                                   | 1.55                                            |              |            |                        |
| 0.26                                                     | 7520                                                    | 4926                  | 70800                                                   | 1.75                                            |              |            |                        |
| 0.30                                                     | 6540                                                    | 4325                  | 71800                                                   | 2.0                                             |              |            |                        |
| 0.35                                                     | 5730                                                    | 3754                  | 72400                                                   | 2.3                                             |              |            |                        |
| 0.39                                                     | 4990                                                    | 3302                  | 73000                                                   | 2.6                                             |              |            |                        |
| 0.45                                                     | 4360                                                    | 2898                  | 73300                                                   | 3.0                                             |              |            |                        |
| 0.22                                                     | 8680                                                    | 5834                  | 51000                                                   | 0.90                                            | KH<br>KHF    | 130<br>130 | H70 D71C4<br>H70 D71C4 |
| 0.25                                                     | 7860                                                    | 5116                  | 53700                                                   | 1.00                                            |              |            |                        |
| 0.29                                                     | 6720                                                    | 4464                  | 55900                                                   | 1.20                                            |              |            |                        |
| 0.33                                                     | 5910                                                    | 3928                  | 57200                                                   | 1.35                                            |              |            |                        |
| 0.28                                                     | 7600                                                    | 4709                  | 54200                                                   | 1.05                                            | KH<br>KHF    | 130<br>130 | H70 D71C4<br>H70 D71C4 |
| 0.32                                                     | 6440                                                    | 4018                  | 56300                                                   | 1.25                                            |              |            |                        |
| 0.37                                                     | 5590                                                    | 3514                  | 57600                                                   | 1.45                                            |              |            |                        |
| 0.39                                                     | 5290                                                    | 3338                  | 58000                                                   | 1.50                                            |              |            |                        |
| 0.44                                                     | 4610                                                    | 2929                  | 58900                                                   | 1.75                                            |              |            |                        |
| 0.49                                                     | 4090                                                    | 2658                  | 59400                                                   | 1.95                                            | KH<br>KHF    | 130<br>130 | H70 D71C4<br>H70 D71C4 |
| 0.54                                                     | 3710                                                    | 2412                  | 59800                                                   | 2.2                                             |              |            |                        |
| 0.63                                                     | 3190                                                    | 2073                  | 60200                                                   | 2.5                                             |              |            |                        |
| 0.71                                                     | 2760                                                    | 1839                  | 60500                                                   | 2.9                                             |              |            |                        |
| 0.93                                                     | 2130                                                    | 1397                  | 60900                                                   | 3.8                                             |              |            |                        |
| 1.1                                                      | 1850                                                    | 1226                  | 61000                                                   | 4.3                                             |              |            |                        |
| 0.43                                                     | 4670                                                    | 3039                  | 27300                                                   | 0.90                                            | KH<br>KHF    | 100<br>100 | H70 D71C4<br>H70 D71C4 |
| 0.43                                                     | 4860                                                    | 3034                  | 20600                                                   | 0.90                                            |              |            |                        |
| 0.65                                                     | 3030                                                    | 1987                  | 34800                                                   | 1.40                                            | KH<br>KHF    | 100<br>100 | H50 D71C4<br>H50 D71C4 |
| 0.71                                                     | 2740                                                    | 1827                  | 35700                                                   | 1.55                                            |              |            |                        |
| 0.81                                                     | 2370                                                    | 1599                  | 36300                                                   | 1.80                                            |              |            |                        |
| 0.93                                                     | 2100                                                    | 1400                  | 36700                                                   | 2.0                                             |              |            |                        |
| 1.1                                                      | 1810                                                    | 1226                  | 37000                                                   | 2.4                                             |              |            |                        |
| 1.4                                                      | 1410                                                    | 939                   | 37300                                                   | 3.0                                             |              |            |                        |
| 1.6                                                      | 1220                                                    | 822                   | 37400                                                   | 3.5                                             |              |            |                        |
| 0.64                                                     | 3160                                                    | 2016                  | 12400                                                   | 0.95                                            | KH<br>KHF    | 90<br>90   | H50 D71C4<br>H50 D71C4 |
| 0.75                                                     | 2780                                                    | 1733                  | 22500                                                   | 1.10                                            |              |            |                        |
| 0.80                                                     | 2590                                                    | 1623                  | 23600                                                   | 1.15                                            |              |            |                        |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model                        |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|-------------------------------------|
| 0.25kW                                                   |                                                         |                       |                                                         |                                                 |                                     |
| 0.71                                                     | 2870                                                    | 1823                  | 21800                                                   | 1.05                                            | KH 90 H50 D71C4<br>KHF 90 H50 D71C4 |
| 0.82                                                     | 2490                                                    | 1583                  | 24100                                                   | 1.20                                            |                                     |
| 0.93                                                     | 2160                                                    | 1396                  | 25700                                                   | 1.40                                            |                                     |
| 1.1                                                      | 1880                                                    | 1228                  | 26800                                                   | 1.60                                            |                                     |



| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br><br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br><br>Model |     |     |       |  |
|----------------------------------------------------------|---------------------------------------------------------|---------------------------|---------------------------------------------------------|-------------------------------------------------|------------------|-----|-----|-------|--|
| 0.37kW                                                   |                                                         |                           |                                                         |                                                 |                  |     |     |       |  |
| 0.52                                                     | 5880                                                    | 2658                      | 57200                                                   | 1.35                                            | KH               | 130 | H70 | D71D4 |  |
| 0.57                                                     | 5330                                                    | 2412                      | 58000                                                   | 1.50                                            |                  |     |     |       |  |
| 0.67                                                     | 4580                                                    | 2073                      | 58900                                                   | 1.75                                            | KHF              | 130 | H70 | D71D4 |  |
| 0.75                                                     | 3990                                                    | 1839                      | 59500                                                   | 2.0                                             |                  |     |     |       |  |
| 0.99                                                     | 3070                                                    | 1397                      | 60300                                                   | 2.6                                             |                  |     |     |       |  |
| 1.1                                                      | 2670                                                    | 1226                      | 60600                                                   | 3.0                                             |                  |     |     |       |  |
| 1.3                                                      | 2400                                                    | 1090                      | 60700                                                   | 3.3                                             |                  |     |     |       |  |
| 1.5                                                      | 2090                                                    | 951                       | 60900                                                   | 3.8                                             |                  |     |     |       |  |
|                                                          |                                                         |                           |                                                         |                                                 |                  |     |     |       |  |
| 0.67                                                     | 4610                                                    | 2067                      | 27700                                                   | 0.95                                            | KH               | 100 | H70 | D71D4 |  |
| 0.82                                                     | 3760                                                    | 1693                      | 32100                                                   | 1.15                                            |                  |     |     |       |  |
| 0.89                                                     | 3410                                                    | 1550                      | 33500                                                   | 1.25                                            | KHF              | 100 | H70 | D71D4 |  |
| 0.98                                                     | 3090                                                    | 1407                      | 34600                                                   | 1.40                                            |                  |     |     |       |  |
| 1.1                                                      | 2660                                                    | 1209                      | 35900                                                   | 1.60                                            |                  |     |     |       |  |
| 1.3                                                      | 2320                                                    | 1055                      | 36400                                                   | 1.85                                            |                  |     |     |       |  |
|                                                          |                                                         |                           |                                                         |                                                 |                  |     |     |       |  |
| 0.69                                                     | 4370                                                    | 1987                      | 29100                                                   | 1.00                                            | KH               | 100 | H70 | D71D4 |  |
| 0.76                                                     | 3970                                                    | 1827                      | 31100                                                   | 1.10                                            |                  |     |     |       |  |
| 0.86                                                     | 3440                                                    | 1599                      | 33400                                                   | 1.25                                            | KHF              | 100 | H70 | D71D4 |  |
| 0.99                                                     | 3040                                                    | 1400                      | 34800                                                   | 1.40                                            |                  |     |     |       |  |
| 1.1                                                      | 2640                                                    | 1226                      | 36000                                                   | 1.65                                            |                  |     |     |       |  |
| 1.5                                                      | 2040                                                    | 939                       | 36700                                                   | 2.1                                             |                  |     |     |       |  |
| 1.7                                                      | 1770                                                    | 822                       | 37000                                                   | 2.4                                             |                  |     |     |       |  |
|                                                          |                                                         |                           |                                                         |                                                 |                  |     |     |       |  |
| 0.96                                                     | 3240                                                    | 1434                      | 4430                                                    | 0.95                                            | KH               | 90  | H50 | D71D4 |  |
| 1.1                                                      | 2710                                                    | 1207                      | 22900                                                   | 1.10                                            |                  |     |     |       |  |
| 1.3                                                      | 2430                                                    | 1084                      | 24500                                                   | 1.25                                            | KHF              | 90  | H50 | D71D4 |  |
|                                                          |                                                         |                           |                                                         |                                                 |                  |     |     |       |  |
| 0.99                                                     | 3100                                                    | 1396                      | 15400                                                   | 0.95                                            | KH               | 90  | H50 | D71D4 |  |
| 1.1                                                      | 2710                                                    | 1228                      | 22900                                                   | 1.10                                            |                  |     |     |       |  |
| 1.3                                                      | 2410                                                    | 1069                      | 24500                                                   | 1.25                                            | KHF              | 90  | H50 | D71D4 |  |
| 1.5                                                      | 2110                                                    | 938                       | 25900                                                   | 1.40                                            |                  |     |     |       |  |
| 1.7                                                      | 1820                                                    | 824                       | 27100                                                   | 1.65                                            |                  |     |     |       |  |
| 1.9                                                      | 1630                                                    | 737                       | 27500                                                   | 1.85                                            |                  |     |     |       |  |
| 2.2                                                      | 1390                                                    | 632                       | 27800                                                   | 2.2                                             |                  |     |     |       |  |
| 3.2                                                      | 960                                                     | 431                       | 28300                                                   | 3.1                                             |                  |     |     |       |  |
| 3.6                                                      | 840                                                     | 379                       | 28400                                                   | 3.6                                             |                  |     |     |       |  |
| 4.1                                                      | 745                                                     | 336                       | 28400                                                   | 4.0                                             |                  |     |     |       |  |
|                                                          |                                                         |                           |                                                         |                                                 |                  |     |     |       |  |
| 1.7                                                      | 1780                                                    | 802                       | 15100                                                   | 0.85                                            | KH               | 80  | H50 | D71D4 |  |
| 1.8                                                      | 1670                                                    | 754                       | 16000                                                   | 0.95                                            |                  |     |     |       |  |
| 2.1                                                      | 1430                                                    | 649                       | 17700                                                   | 1.10                                            | KHF              | 80  | H50 | D71D4 |  |
|                                                          |                                                         |                           |                                                         |                                                 |                  |     |     |       |  |
| 1.8                                                      | 1730                                                    | 776                       | 15500                                                   | 0.90                                            | KH               | 80  | H50 | D71D4 |  |
| 2.0                                                      | 1530                                                    | 685                       | 17100                                                   | 1.00                                            |                  |     |     |       |  |
| 2.3                                                      | 1310                                                    | 599                       | 18400                                                   | 1.20                                            | KHF              | 80  | H50 | D71D4 |  |
| 2.6                                                      | 1150                                                    | 525                       | 19200                                                   | 1.35                                            |                  |     |     |       |  |
| 3.0                                                      | 1000                                                    | 456                       | 19800                                                   | 1.55                                            |                  |     |     |       |  |
| 5.2                                                      | 585                                                     | 268                       | 20000                                                   | 2.00                                            |                  |     |     |       |  |
| 5.8                                                      | 515                                                     | 236                       | 20000                                                   | 3.0                                             |                  |     |     |       |  |
|                                                          |                                                         |                           |                                                         |                                                 |                  |     |     |       |  |
| 2.6                                                      | 1230                                                    | 538                       | 18800                                                   | 1.25                                            | KH               | 80  | H50 | D71D4 |  |
| 2.9                                                      | 1080                                                    | 472                       | 19500                                                   | 1.45                                            |                  |     |     |       |  |
| 3.5                                                      | 910                                                     | 400                       | 20000                                                   | 1.70                                            | KHF              | 80  | H50 | D71D4 |  |
| 3.8                                                      | 810                                                     | 361                       | 20000                                                   | 1.90                                            |                  |     |     |       |  |
|                                                          |                                                         |                           |                                                         |                                                 |                  |     |     |       |  |
| 3.2                                                      | 980                                                     | 436                       | 5390                                                    | 0.85                                            | KH               | 70  | H30 | D71D4 |  |
| 3.7                                                      | 840                                                     | 373                       | 9720                                                    | 0.95                                            |                  |     |     |       |  |
| 4.2                                                      | 740                                                     | 327                       | 10600                                                   | 1.10                                            | KHF              | 70  | H30 | D71D4 |  |
| 4.8                                                      | 655                                                     | 289                       | 11200                                                   | 1.25                                            |                  |     |     |       |  |
| 5.3                                                      | 585                                                     | 260                       | 11600                                                   | 1.40                                            |                  |     |     |       |  |
| 6.2                                                      | 500                                                     | 224                       | 12100                                                   | 1.65                                            |                  |     |     |       |  |
| 7.0                                                      | 435                                                     | 197                       | 12400                                                   | 1.90                                            |                  |     |     |       |  |
| 8.1                                                      | 380                                                     | 169                       | 12600                                                   | 2.2                                             |                  |     |     |       |  |
| 9.3                                                      | 335                                                     | 149                       | 12700                                                   | 2.5                                             |                  |     |     |       |  |
|                                                          |                                                         |                           |                                                         |                                                 |                  |     |     |       |  |
| 4.7                                                      | 650                                                     | 294                       | 6230                                                    | 0.90                                            | KH               | 60  | H30 | D71D4 |  |
| 5.3                                                      | 585                                                     | 261                       | 7710                                                    | 1.00                                            |                  |     |     |       |  |
| 5.9                                                      | 525                                                     | 234                       | 8340                                                    | 1.15                                            | KHF              | 60  | H30 | D71D4 |  |
| 6.9                                                      | 450                                                     | 200                       | 9010                                                    | 1.35                                            |                  |     |     |       |  |
|                                                          |                                                         |                           |                                                         |                                                 |                  |     |     |       |  |
| 2.7                                                      | 1330                                                    | 255.71                    | 27900                                                   | 2.3                                             | KH               | 90  |     | D90S8 |  |
| 2.8                                                      | 1250                                                    | 241.25                    | 28000                                                   | 2.4                                             |                  |     |     |       |  |
| 3.1                                                      | 1120                                                    | 216.28                    | 28100                                                   | 2.7                                             | KHF              | 90  |     | D90S8 |  |
| 3.7                                                      | 970                                                     | 186.30                    | 28300                                                   | 3.1                                             |                  |     |     |       |  |



| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model |    |       |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------|----|-------|
| 0.37kW                                                   |                                                         |                       |                                                         |                                                 |              |    |       |
| 3.1                                                      | 1140                                                    | 289.74                | 28100                                                   | 2.6                                             | KH<br>KHF    | 90 | D80K6 |
| 3.5                                                      | 1000                                                    | 255.71                | 28200                                                   | 3.0                                             |              |    |       |
| 3.7                                                      | 950                                                     | 241.25                | 28300                                                   | 3.2                                             |              |    |       |
| 4.2                                                      | 850                                                     | 216.28                | 28400                                                   | 3.5                                             |              |    |       |
| 3.1                                                      | 1130                                                    | 216.54                | 19300                                                   | 1.40                                            | KH<br>KHF    | 80 | D90S8 |
| 3.3                                                      | 1070                                                    | 205.71                | 19600                                                   | 1.45                                            |              |    |       |
| 3.7                                                      | 940                                                     | 181.77                | 20000                                                   | 1.65                                            |              |    |       |
| 3.7                                                      | 970                                                     | 246.54                | 20000                                                   | 1.60                                            | KH<br>KHF    | 80 | D80K6 |
| 4.2                                                      | 850                                                     | 216.54                | 20000                                                   | 1.80                                            |              |    |       |
| 4.4                                                      | 810                                                     | 205.71                | 20000                                                   | 1.90                                            |              |    |       |
| 4.9                                                      | 715                                                     | 181.77                | 20000                                                   | 2.2                                             |              |    |       |
| 5.8                                                      | 610                                                     | 155.34                | 20000                                                   | 2.5                                             |              |    |       |
| 6.3                                                      | 560                                                     | 142.41                | 20000                                                   | 2.8                                             |              |    |       |
| 4.7                                                      | 755                                                     | 145.67                | 10500                                                   | 1.10                                            | KH<br>KHF    | 70 | D90S8 |
| 4.9                                                      | 720                                                     | 138.39                | 10800                                                   | 1.15                                            |              |    |       |
| 5.6                                                      | 630                                                     | 121.42                | 11400                                                   | 1.30                                            |              |    |       |
| 5.4                                                      | 655                                                     | 166.59                | 11200                                                   | 1.25                                            | KH<br>KHF    | 70 | D80K6 |
| 6.2                                                      | 570                                                     | 145.67                | 11700                                                   | 1.45                                            |              |    |       |
| 6.5                                                      | 545                                                     | 138.39                | 11900                                                   | 1.50                                            |              |    |       |
| 7.1                                                      | 500                                                     | 195.24                | 12100                                                   | 1.65                                            | KH<br>KHF    | 70 | D71D4 |
| 8.3                                                      | 425                                                     | 166.59                | 12400                                                   | 1.90                                            |              |    |       |
| 9.5                                                      | 375                                                     | 145.67                | 12600                                                   | 2.2                                             |              |    |       |
| 10                                                       | 355                                                     | 138.39                | 12600                                                   | 2.3                                             |              |    |       |
| 11                                                       | 310                                                     | 121.42                | 12800                                                   | 2.6                                             |              |    |       |
| 13                                                       | 265                                                     | 102.99                | 12900                                                   | 3.1                                             |              |    |       |
| 15                                                       | 240                                                     | 92.97                 | 12900                                                   | 3.5                                             |              |    |       |
| 5.7                                                      | 620                                                     | 158.14                | 7300                                                    | 0.95                                            | KH<br>KHF    | 60 | D80K6 |
| 6.5                                                      | 540                                                     | 137.67                | 8210                                                    | 1.10                                            |              |    |       |
| 7.0                                                      | 505                                                     | 128.97                | 8530                                                    | 1.20                                            |              |    |       |
| 7.9                                                      | 445                                                     | 113.94                | 9010                                                    | 1.35                                            |              |    |       |
| 6.9                                                      | 510                                                     | 199.81                | 8480                                                    | 1.15                                            | KH<br>KHF    | 60 | D71D4 |
| 7.5                                                      | 470                                                     | 184.07                | 8820                                                    | 1.25                                            |              |    |       |
| 8.7                                                      | 405                                                     | 158.14                | 9310                                                    | 1.50                                            |              |    |       |
| 10                                                       | 355                                                     | 137.67                | 9620                                                    | 1.70                                            |              |    |       |
| 11                                                       | 330                                                     | 128.97                | 9740                                                    | 1.80                                            |              |    |       |
| 12                                                       | 290                                                     | 113.94                | 9920                                                    | 2.1                                             |              |    |       |
| 13                                                       | 270                                                     | 105.83                | 10000                                                   | 2.2                                             |              |    |       |
| 14                                                       | 245                                                     | 95.91                 | 10100                                                   | 2.4                                             |              |    |       |
| 16                                                       | 220                                                     | 86.11                 | 10200                                                   | 2.7                                             |              |    |       |
| 19                                                       | 190                                                     | 74.17                 | 10300                                                   | 3.2                                             |              |    |       |
| 20                                                       | 179                                                     | 69.75                 | 10300                                                   | 3.4                                             |              |    |       |
| 23                                                       | 157                                                     | 61.26                 | 10400                                                   | 3.8                                             |              |    |       |
| 24                                                       | 146                                                     | 56.89                 | 10400                                                   | 4.1                                             |              |    |       |
| 7.0                                                      | 505                                                     | 128.77                | 6510                                                    | 0.90                                            | KH<br>KHF    | 50 | D80K6 |
| 7.5                                                      | 475                                                     | 120.63                | 7000                                                    | 0.95                                            |              |    |       |
| 8.4                                                      | 420                                                     | 106.58                | 7240                                                    | 1.10                                            |              |    |       |
| 9.1                                                      | 390                                                     | 98.99                 | 7350                                                    | 1.15                                            |              |    |       |
| 7.4                                                      | 480                                                     | 186.89                | 6980                                                    | 0.95                                            | KH<br>KHF    | 50 | D71D4 |
| 8.0                                                      | 440                                                     | 172.17                | 7140                                                    | 1.00                                            |              |    |       |
| 9.3                                                      | 380                                                     | 147.92                | 7390                                                    | 1.20                                            |              |    |       |
| 11                                                       | 330                                                     | 128.77                | 7550                                                    | 1.35                                            |              |    |       |
| 11                                                       | 310                                                     | 120.63                | 7610                                                    | 1.45                                            |              |    |       |
| 13                                                       | 275                                                     | 106.58                | 7700                                                    | 1.65                                            |              |    |       |
| 14                                                       | 255                                                     | 98.99                 | 7750                                                    | 1.80                                            |              |    |       |
| 15                                                       | 230                                                     | 89.71                 | 7800                                                    | 1.95                                            |              |    |       |
| 17                                                       | 205                                                     | 80.55                 | 7840                                                    | 2.2                                             |              |    |       |
| 20                                                       | 177                                                     | 69.23                 | 7890                                                    | 2.5                                             |              |    |       |
| 21                                                       | 166                                                     | 64.85                 | 7910                                                    | 2.7                                             |              |    |       |
| 24                                                       | 147                                                     | 57.29                 | 7760                                                    | 3.1                                             |              |    |       |
| 26                                                       | 136                                                     | 53.22                 | 7600                                                    | 3.3                                             |              |    |       |
| 29                                                       | 124                                                     | 48.23                 | 7380                                                    | 3.6                                             |              |    |       |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model |    |       |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------|----|-------|
| 0.37kW                                                   |                                                         |                       |                                                         |                                                 |              |    |       |
| 9.9                                                      | 360                                                     | 139.99                | 3490                                                    | 0.85                                            | KH<br>KHF    | 40 | D71D4 |
| 11                                                       | 310                                                     | 121.87                | 5350                                                    | 0.95                                            |              |    |       |
| 12                                                       | 290                                                     | 114.17                | 5460                                                    | 1.05                                            |              |    |       |
| 14                                                       | 260                                                     | 100.86                | 5630                                                    | 1.15                                            |              |    |       |
| 15                                                       | 240                                                     | 93.68                 | 5700                                                    | 1.25                                            |              |    |       |
| 16                                                       | 215                                                     | 84.90                 | 5790                                                    | 1.40                                            |              |    |       |
| 18                                                       | 195                                                     | 76.23                 | 5870                                                    | 1.55                                            |              |    |       |
| 20                                                       | 176                                                     | 68.54                 | 5930                                                    | 1.70                                            |              |    |       |
| 21                                                       | 164                                                     | 64.21                 | 5960                                                    | 1.80                                            |              |    |       |
| 24                                                       | 145                                                     | 56.73                 | 6010                                                    | 2.1                                             |              |    |       |
| 26                                                       | 135                                                     | 52.69                 | 5990                                                    | 2.2                                             |              |    |       |
| 29                                                       | 122                                                     | 47.75                 | 5820                                                    | 2.5                                             |              |    |       |
| 32                                                       | 110                                                     | 42.87                 | 5650                                                    | 2.7                                             |              |    |       |
| 37                                                       | 95                                                      | 36.93                 | 5410                                                    | 3.2                                             |              |    |       |
| 40                                                       | 89                                                      | 34.73                 | 5310                                                    | 3.4                                             |              |    |       |
|                                                          |                                                         |                       |                                                         |                                                 |              |    |       |
| 41                                                       | 87                                                      | 33.79                 | 5270                                                    | 2.8                                             | KH<br>KHF    | 40 | D71D4 |
| 44                                                       | 80                                                      | 31.12                 | 5150                                                    | 2.8                                             |              |    |       |
| 52                                                       | 69                                                      | 26.74                 | 4920                                                    | 4.4                                             |              |    |       |
| 59                                                       | 60                                                      | 23.28                 | 4720                                                    | 5.0                                             |              |    |       |
| 63                                                       | 56                                                      | 21.81                 | 4620                                                    | 5.4                                             |              |    |       |
|                                                          |                                                         |                       |                                                         |                                                 |              |    |       |
| 15                                                       | 230                                                     | 90.77                 | 4250                                                    | 0.85                                            | KH<br>KHF    | 30 | D71D4 |
| 16                                                       | 215                                                     | 84.61                 | 4720                                                    | 0.90                                            |              |    |       |
| 19                                                       | 189                                                     | 73.96                 | 5070                                                    | 1.05                                            |              |    |       |
|                                                          |                                                         |                       |                                                         |                                                 |              |    |       |
| 20                                                       | 178                                                     | 69.33                 | 5210                                                    | 1.15                                            | KH<br>KHF    | 30 | D71D4 |
| 23                                                       | 157                                                     | 61.18                 | 5410                                                    | 1.30                                            |              |    |       |
| 25                                                       | 143                                                     | 55.76                 | 5530                                                    | 1.40                                            |              |    |       |
| 29                                                       | 123                                                     | 48.08                 | 5590                                                    | 1.60                                            |              |    |       |
| 31                                                       | 115                                                     | 44.81                 | 5480                                                    | 1.75                                            |              |    |       |
| 35                                                       | 100                                                     | 39.17                 | 5290                                                    | 2.0                                             |              |    |       |
| 38                                                       | 94                                                      | 36.72                 | 5190                                                    | 2.1                                             |              |    |       |
| 43                                                       | 83                                                      | 32.40                 | 5010                                                    | 2.4                                             |              |    |       |
| 48                                                       | 74                                                      | 28.73                 | 4850                                                    | 2.7                                             |              |    |       |
| 57                                                       | 63                                                      | 24.42                 | 4620                                                    | 3.2                                             |              |    |       |
|                                                          |                                                         |                       |                                                         |                                                 |              |    |       |
| 49                                                       | 73                                                      | 28.32                 | 4830                                                    | 2.8                                             | KH<br>KHF    | 30 | D71D4 |
| 53                                                       | 67                                                      | 26.03                 | 4710                                                    | 2.8                                             |              |    |       |
| 62                                                       | 57                                                      | 22.27                 | 4500                                                    | 3.5                                             |              |    |       |
| 71                                                       | 49                                                      | 19.31                 | 4320                                                    | 4.1                                             |              |    |       |
| 76                                                       | 46                                                      | 18.05                 | 4230                                                    | 4.3                                             |              |    |       |
|                                                          |                                                         |                       |                                                         |                                                 |              |    |       |
| 88                                                       | 40                                                      | 15.60                 | 4050                                                    | 5.0                                             | KH<br>KHF    | 30 | D71D4 |
| 104                                                      | 34                                                      | 13.25                 | 3850                                                    | 5.6                                             |              |    |       |
| 117                                                      | 30                                                      | 11.83                 | 3720                                                    | 6.0                                             |              |    |       |
|                                                          |                                                         |                       |                                                         |                                                 |              |    |       |
| 23                                                       | 157                                                     | 61.30                 | 3870                                                    | 0.85                                            | KH<br>KHF    | 20 | D71D4 |
| 25                                                       | 143                                                     | 55.87                 | 3800                                                    | 0.90                                            |              |    |       |
| 29                                                       | 123                                                     | 48.17                 | 3680                                                    | 1.05                                            |              |    |       |
| 31                                                       | 115                                                     | 44.90                 | 3620                                                    | 1.15                                            |              |    |       |
| 35                                                       | 101                                                     | 39.25                 | 3510                                                    | 1.30                                            |              |    |       |
| 38                                                       | 94                                                      | 36.79                 | 3460                                                    | 1.40                                            |              |    |       |
| 43                                                       | 83                                                      | 32.47                 | 3350                                                    | 1.55                                            |              |    |       |
| 48                                                       | 74                                                      | 28.78                 | 3250                                                    | 1.75                                            |              |    |       |
| 56                                                       | 63                                                      | 24.47                 | 3110                                                    | 2.1                                             |              |    |       |
|                                                          |                                                         |                       |                                                         |                                                 |              |    |       |
| 49                                                       | 73                                                      | 28.37                 | 3240                                                    | 1.80                                            | KH<br>KHF    | 20 | D71D4 |
| 53                                                       | 67                                                      | 26.09                 | 3170                                                    | 1.95                                            |              |    |       |
| 62                                                       | 57                                                      | 22.32                 | 3040                                                    | 2.3                                             |              |    |       |
| 71                                                       | 50                                                      | 19.35                 | 2920                                                    | 2.6                                             |              |    |       |
| 76                                                       | 46                                                      | 18.08                 | 2860                                                    | 2.8                                             |              |    |       |
| 88                                                       | 40                                                      | 15.63                 | 2750                                                    | 3.2                                             |              |    |       |
| 104                                                      | 34                                                      | 13.28                 | 2620                                                    | 3.8                                             |              |    |       |
|                                                          |                                                         |                       |                                                         |                                                 |              |    |       |
| 36                                                       | 99                                                      | 38.61                 | 770                                                     | 0.85                                            | KH<br>KHF    | 10 | D71D4 |
| 38                                                       | 93                                                      | 36.20                 | 1260                                                    | 0.90                                            |              |    |       |
| 43                                                       | 82                                                      | 31.94                 | 1910                                                    | 1.05                                            |              |    |       |
| 49                                                       | 73                                                      | 28.32                 | 1880                                                    | 1.15                                            |              |    |       |
| 57                                                       | 62                                                      | 24.07                 | 1830                                                    | 1.40                                            |              |    |       |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model |            |                        |           |            |                        |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------|------------|------------------------|-----------|------------|------------------------|
| 0.37kW                                                   |                                                         |                       |                                                         |                                                 |              |            |                        |           |            |                        |
| 55                                                       | 65                                                      | 25.23                 | 1840                                                    | 1.30                                            | KH<br>KHF    | 10<br>10   | D71D4<br>D71D4         |           |            |                        |
| 60                                                       | 59                                                      | 23.15                 | 1820                                                    | 1.45                                            |              |            |                        |           |            |                        |
| 70                                                       | 51                                                      | 19.71                 | 1760                                                    | 1.70                                            |              |            |                        |           |            |                        |
| 81                                                       | 44                                                      | 16.99                 | 1710                                                    | 1.95                                            |              |            |                        |           |            |                        |
| 87                                                       | 41                                                      | 15.84                 | 1680                                                    | 2.1                                             |              |            |                        |           |            |                        |
| 100                                                      | 35                                                      | 13.84                 | 1630                                                    | 2.4                                             |              |            |                        |           |            |                        |
| 106                                                      | 33                                                      | 12.98                 | 1610                                                    | 2.6                                             |              |            |                        |           |            |                        |
| 121                                                      | 29                                                      | 11.45                 | 1560                                                    | 2.8                                             |              |            |                        |           |            |                        |
| 136                                                      | 26                                                      | 10.15                 | 1520                                                    | 3.0                                             |              |            |                        |           |            |                        |
| 160                                                      | 22                                                      | 8.63                  | 1460                                                    | 3.3                                             |              |            |                        |           |            |                        |
| 183                                                      | 19                                                      | 7.55                  | 1370                                                    | 2.9                                             |              |            |                        |           |            |                        |
| 196                                                      | 18                                                      | 7.04                  | 1350                                                    | 3.1                                             |              |            |                        |           |            |                        |
| 224                                                      | 16                                                      | 6.15                  | 1300                                                    | 3.4                                             |              |            |                        |           |            |                        |
| 239                                                      | 15                                                      | 5.76                  | 1280                                                    | 3.6                                             |              |            |                        |           |            |                        |
| 271                                                      | 13                                                      | 5.09                  | 1240                                                    | 3.9                                             |              |            |                        |           |            |                        |
| 306                                                      | 12                                                      | 4.51                  | 1200                                                    | 4.2                                             |              |            |                        |           |            |                        |
| 360                                                      | 9.8                                                     | 3.83                  | 1150                                                    | 4.6                                             |              |            |                        |           |            |                        |
| 191                                                      | 19                                                      | 13.84                 | 1390                                                    | 4.6                                             | KH<br>KHF    | 10<br>10   | D63L2<br>D63L2         |           |            |                        |
| 204                                                      | 17                                                      | 12.98                 | 1360                                                    | 4.9                                             |              |            |                        |           |            |                        |
| 231                                                      | 15                                                      | 11.45                 | 1320                                                    | 5.3                                             |              |            |                        |           |            |                        |
| 261                                                      | 14                                                      | 10.15                 | 1270                                                    | 5.7                                             |              |            |                        |           |            |                        |
| 307                                                      | 12                                                      | 8.63                  | 1220                                                    | 6.3                                             |              |            |                        |           |            |                        |
| 351                                                      | 10                                                      | 7.55                  | 1150                                                    | 5.5                                             |              |            |                        |           |            |                        |
| 377                                                      | 9.4                                                     | 7.04                  | 1130                                                    | 5.8                                             |              |            |                        |           |            |                        |
| 431                                                      | 8.2                                                     | 6.15                  | 1090                                                    | 6.6                                             |              |            |                        |           |            |                        |
| 460                                                      | 7.7                                                     | 5.76                  | 1070                                                    | 6.9                                             |              |            |                        |           |            |                        |
| 521                                                      | 6.8                                                     | 5.09                  | 1030                                                    | 7.5                                             |              |            |                        |           |            |                        |
| 588                                                      | 6.0                                                     | 4.51                  | 990                                                     | 8.0                                             |              |            |                        |           |            |                        |
| 691                                                      | 5.1                                                     | 3.83                  | 950                                                     | 8.8                                             |              |            |                        |           |            |                        |
| 174                                                      | 20                                                      | 5.18                  | 4570                                                    | 3.7                                             |              |            |                        | KH<br>KHF | 60<br>60   | D80K6<br>D80K6         |
| 199                                                      | 18                                                      | 4.53                  | 4380                                                    | 4.6                                             |              |            |                        |           |            |                        |
| 209                                                      | 17                                                      | 4.30*                 | 4310                                                    | 4.7                                             |              |            |                        |           |            |                        |
| 239                                                      | 15                                                      | 3.77                  | 4130                                                    | 5.9                                             |              |            |                        |           |            |                        |
| 227                                                      | 16                                                      | 6.07                  | 4200                                                    | 2.8                                             |              |            |                        | KH<br>KHF | 60<br>60   | D71D4<br>D71D4         |
| 267                                                      | 13                                                      | 5.18                  | 3990                                                    | 5.6                                             |              |            |                        |           |            |                        |
| 305                                                      | 12                                                      | 4.53                  | 3820                                                    | 7.1                                             |              |            |                        |           |            |                        |
| 321                                                      | 11                                                      | 4.30                  | 3760                                                    | 7.3                                             |              |            |                        |           |            |                        |
| 366                                                      | 9.7                                                     | 3.77                  | 3610                                                    | 9.0                                             |              |            |                        |           |            |                        |
| 431                                                      | 8.2                                                     | 3.20                  | 3420                                                    | 12                                              |              |            |                        |           |            |                        |
| 478                                                      | 7.4                                                     | 2.89                  | 3310                                                    | 14                                              |              |            |                        |           |            |                        |
| 543                                                      | 6.5                                                     | 2.54                  | 3170                                                    | 18                                              |              |            |                        |           |            |                        |
| 575                                                      | 6.1                                                     | 2.40                  | 3110                                                    | 20                                              |              |            |                        |           |            |                        |
| 675                                                      | 5.2                                                     | 2.04                  | 2950                                                    | 26                                              |              |            |                        |           |            |                        |
| 207                                                      | 17                                                      | 4.35                  | 3500                                                    | 4.0                                             | KH<br>KHF    | 50<br>50   | D80K6<br>D80K6         |           |            |                        |
| 238                                                      | 15                                                      | 3.79                  | 3350                                                    | 4.6                                             |              |            |                        |           |            |                        |
| 254                                                      | 14                                                      | 3.55                  | 3280                                                    | 5.0                                             |              |            |                        |           |            |                        |
| 251                                                      | 14                                                      | 5.50                  | 3300                                                    | 2.8                                             | KH<br>KHF    | 50<br>50   | D71D4<br>D71D4         |           |            |                        |
| 272                                                      | 13                                                      | 5.07                  | 3210                                                    | 2.8                                             |              |            |                        |           |            |                        |
| 317                                                      | 11                                                      | 4.35                  | 3060                                                    | 6.1                                             |              |            |                        |           |            |                        |
| 364                                                      | 9.7                                                     | 3.79                  | 2930                                                    | 7.1                                             |              |            |                        |           |            |                        |
| 389                                                      | 9.1                                                     | 3.55                  | 2870                                                    | 7.6                                             |              |            |                        |           |            |                        |
| 440                                                      | 8.0                                                     | 3.14                  | 2760                                                    | 8.1                                             |              |            |                        |           |            |                        |
| 474                                                      | 7.5                                                     | 2.91                  | 2690                                                    | 8.9                                             |              |            |                        |           |            |                        |
| 523                                                      | 6.8                                                     | 2.64                  | 2610                                                    | 10                                              |              |            |                        |           |            |                        |
| 582                                                      | 6.1                                                     | 2.37                  | 2520                                                    | 11                                              |              |            |                        |           |            |                        |
| 676                                                      | 5.2                                                     | 2.04                  | 2400                                                    | 13                                              |              |            |                        |           |            |                        |
| 719                                                      | 4.9                                                     | 1.92                  | 2350                                                    | 14                                              |              |            |                        |           |            |                        |
| 835                                                      | 4.2                                                     | 1.65                  | 2240                                                    | 16                                              |              |            |                        |           |            |                        |
| 0.55kW                                                   |                                                         |                       |                                                         |                                                 |              |            |                        |           |            |                        |
| 0.22                                                     | 19800                                                   | 6077                  | 120000                                                  | 0.90                                            |              |            |                        | KH<br>KHF | 160<br>160 | H90 D80K4<br>H90 D80K4 |
| 0.25                                                     | 17600                                                   | 5407                  | 120000                                                  | 1.00                                            |              |            |                        |           |            |                        |
| 0.29                                                     | 15100                                                   | 4650                  | 120000                                                  | 1.20                                            |              |            |                        |           |            |                        |
| 0.33                                                     | 13300                                                   | 4129                  | 120000                                                  | 1.35                                            |              |            |                        |           |            |                        |
| 0.28                                                     | 16600                                                   | 4926                  | 26300                                                   | 0.80                                            | KH<br>KHF    | 140<br>140 | H70 D80K4<br>H70 D80K4 |           |            |                        |
| 0.31                                                     | 14500                                                   | 4325                  | 55900                                                   | 0.90                                            |              |            |                        |           |            |                        |
| 0.36                                                     | 12700                                                   | 3754                  | 63300                                                   | 1.05                                            |              |            |                        |           |            |                        |
| 0.41                                                     | 11100                                                   | 3302                  | 66100                                                   | 1.15                                            |              |            |                        |           |            |                        |
| 0.47                                                     | 9720                                                    | 2898                  | 68200                                                   | 1.35                                            |              |            |                        |           |            |                        |



KH..

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model |          |                |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------|----------|----------------|
| 0.55kW                                                   |                                                         |                       |                                                         |                                                 |              |          |                |
| 3.7                                                      | 1440                                                    | 246.54                | 17700                                                   | 1.10                                            | KH<br>KHF    | 80<br>80 | D80N6<br>D80N6 |
| 4.2                                                      | 1260                                                    | 216.54                | 18700                                                   | 1.25                                            |              |          |                |
| 4.4                                                      | 1200                                                    | 205.71                | 19000                                                   | 1.30                                            |              |          |                |
| 4.9                                                      | 1060                                                    | 181.77                | 19600                                                   | 1.45                                            |              |          |                |
| 5.8                                                      | 910                                                     | 155.34                | 20000                                                   | 1.70                                            |              |          |                |
| 5.5                                                      | 950                                                     | 246.54                | 20000                                                   | 1.65                                            | KH<br>KHF    | 80<br>80 | D80K4<br>D80K4 |
| 6.3                                                      | 840                                                     | 216.54                | 20000                                                   | 1.85                                            |              |          |                |
| 6.6                                                      | 795                                                     | 205.71                | 20000                                                   | 1.95                                            |              |          |                |
| 7.5                                                      | 700                                                     | 181.77                | 20000                                                   | 2.2                                             |              |          |                |
| 8.8                                                      | 600                                                     | 155.34                | 20000                                                   | 2.6                                             |              |          |                |
| 9.6                                                      | 550                                                     | 142.41                | 20000                                                   | 2.8                                             |              |          |                |
| 11                                                       | 485                                                     | 124.97                | 20000                                                   | 3.2                                             |              |          |                |
| 11                                                       | 455                                                     | 118.43                | 20000                                                   | 3.4                                             |              |          |                |
| 13                                                       | 400                                                     | 103.65                | 20000                                                   | 3.9                                             |              |          |                |
| 8.2                                                      | 645                                                     | 166.59                | 11300                                                   | 1.25                                            | KH<br>KHF    | 70<br>70 | D80K4<br>D80K4 |
| 9.3                                                      | 565                                                     | 145.67                | 11800                                                   | 1.45                                            |              |          |                |
| 9.8                                                      | 535                                                     | 138.39                | 11900                                                   | 1.55                                            |              |          |                |
| 11                                                       | 470                                                     | 121.42                | 12200                                                   | 1.75                                            |              |          |                |
| 13                                                       | 400                                                     | 102.99                | 12500                                                   | 2.1                                             |              |          |                |
| 15                                                       | 360                                                     | 92.97                 | 12600                                                   | 2.3                                             |              |          |                |
| 17                                                       | 315                                                     | 81.80                 | 12800                                                   | 2.6                                             |              |          |                |
| 18                                                       | 300                                                     | 77.24                 | 12800                                                   | 2.8                                             |              |          |                |
| 21                                                       | 255                                                     | 65.77                 | 12900                                                   | 3.2                                             |              |          |                |
| 8.6                                                      | 610                                                     | 158.14                | 7430                                                    | 1.00                                            | KH<br>KHF    | 60<br>60 | D80K4<br>D80K4 |
| 9.9                                                      | 530                                                     | 137.67                | 8290                                                    | 1.15                                            |              |          |                |
| 11                                                       | 500                                                     | 128.97                | 8600                                                    | 1.20                                            |              |          |                |
| 12                                                       | 440                                                     | 113.94                | 9060                                                    | 1.35                                            |              |          |                |
| 13                                                       | 410                                                     | 105.83                | 9280                                                    | 1.45                                            |              |          |                |
| 14                                                       | 370                                                     | 95.91                 | 9520                                                    | 1.60                                            |              |          |                |
| 16                                                       | 335                                                     | 86.11                 | 9730                                                    | 1.80                                            |              |          |                |
| 18                                                       | 285                                                     | 74.17                 | 9940                                                    | 2.1                                             |              |          |                |
| 20                                                       | 270                                                     | 69.75                 | 10000                                                   | 2.2                                             |              |          |                |
| 22                                                       | 235                                                     | 61.26                 | 10100                                                   | 2.5                                             |              |          |                |
| 24                                                       | 220                                                     | 56.89                 | 10200                                                   | 2.7                                             |              |          |                |
| 11                                                       | 465                                                     | 120.63                | 7030                                                    | 0.95                                            | KH<br>KHF    | 50<br>50 | D80K4<br>D80K4 |
| 13                                                       | 410                                                     | 106.58                | 7260                                                    | 1.10                                            |              |          |                |
| 14                                                       | 380                                                     | 98.99                 | 7370                                                    | 1.20                                            |              |          |                |
| 15                                                       | 345                                                     | 89.71                 | 7490                                                    | 1.30                                            |              |          |                |
| 17                                                       | 310                                                     | 80.55                 | 7600                                                    | 1.45                                            |              |          |                |
| 20                                                       | 265                                                     | 69.23                 | 7710                                                    | 1.70                                            |              |          |                |
| 21                                                       | 250                                                     | 64.85                 | 7750                                                    | 1.80                                            |              |          |                |
| 24                                                       | 220                                                     | 57.29                 | 7530                                                    | 2.0                                             |              |          |                |
| 26                                                       | 205                                                     | 53.22                 | 7390                                                    | 2.2                                             |              |          |                |
| 28                                                       | 186                                                     | 48.23                 | 7190                                                    | 2.4                                             |              |          |                |
| 31                                                       | 167                                                     | 43.30                 | 6980                                                    | 2.7                                             |              |          |                |
| 36                                                       | 144                                                     | 37.30                 | 6700                                                    | 3.1                                             |              |          |                |
| 39                                                       | 136                                                     | 35.07                 | 6580                                                    | 3.3                                             |              |          |                |
| 52                                                       | 102                                                     | 26.31                 | 6060                                                    | 4.4                                             | KH<br>KHF    | 50<br>50 | D80K4<br>D80K4 |
| 54                                                       | 97                                                      | 24.99                 | 5970                                                    | 4.7                                             |              |          |                |
| 62                                                       | 85                                                      | 21.93                 | 5740                                                    | 5.3                                             |              |          |                |
| 73                                                       | 72                                                      | 18.60                 | 5460                                                    | 6.3                                             |              |          |                |
| 15                                                       | 360                                                     | 93.68                 | 3280                                                    | 0.85                                            | KH<br>KHF    | 40<br>40 | D80K4<br>D80K4 |
| 16                                                       | 330                                                     | 84.90                 | 5230                                                    | 0.90                                            |              |          |                |
| 18                                                       | 295                                                     | 76.23                 | 5450                                                    | 1.00                                            |              |          |                |
| 20                                                       | 265                                                     | 68.54                 | 5600                                                    | 1.15                                            |              |          |                |
| 21                                                       | 250                                                     | 64.21                 | 5670                                                    | 1.20                                            |              |          |                |
| 24                                                       | 220                                                     | 56.73                 | 5790                                                    | 1.35                                            |              |          |                |
| 26                                                       | 205                                                     | 52.69                 | 5770                                                    | 1.45                                            |              |          |                |
| 28                                                       | 184                                                     | 47.75                 | 5630                                                    | 1.65                                            |              |          |                |
| 32                                                       | 166                                                     | 42.87                 | 5470                                                    | 1.80                                            |              |          |                |
| 37                                                       | 143                                                     | 36.93                 | 5260                                                    | 2.1                                             |              |          |                |
| 39                                                       | 134                                                     | 34.73                 | 5180                                                    | 2.2                                             |              |          |                |
| 46                                                       | 115                                                     | 29.88                 | 4970                                                    | 2.6                                             |              |          |                |
| 51                                                       | 103                                                     | 26.74                 | 4820                                                    | 2.9                                             | KH<br>KHF    | 40<br>40 | D80K4<br>D80K4 |
| 58                                                       | 90                                                      | 23.28                 | 4630                                                    | 3.3                                             |              |          |                |
| 62                                                       | 84                                                      | 21.81                 | 4550                                                    | 3.6                                             |              |          |                |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model |          |                |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------|----------|----------------|
| 0.55kW                                                   |                                                         |                       |                                                         |                                                 |              |          |                |
| 22                                                       | 235                                                     | 61.18                 | 3910                                                    | 0.85                                            | KH<br>KHF    | 30<br>30 | D80K4<br>D80K4 |
| 24                                                       | 215                                                     | 55.76                 | 4740                                                    | 0.95                                            |              |          |                |
| 28                                                       | 186                                                     | 48.08                 | 5120                                                    | 1.10                                            |              |          |                |
| 30                                                       | 173                                                     | 44.81                 | 5230                                                    | 1.15                                            |              |          |                |
| 35                                                       | 151                                                     | 39.17                 | 5070                                                    | 1.30                                            |              |          |                |
| 37                                                       | 142                                                     | 36.72                 | 4990                                                    | 1.40                                            |              |          |                |
| 42                                                       | 125                                                     | 32.40                 | 4840                                                    | 1.60                                            |              |          |                |
| 47                                                       | 111                                                     | 28.73                 | 4700                                                    | 1.80                                            |              |          |                |
| 56                                                       | 94                                                      | 24.42                 | 4500                                                    | 2.1                                             |              |          |                |
| 61                                                       | 86                                                      | 22.27                 | 4390                                                    | 2.3                                             | KH<br>KHF    | 30<br>30 | D80K4<br>D80K4 |
| 70                                                       | 75                                                      | 19.31                 | 4220                                                    | 2.7                                             |              |          |                |
| 75                                                       | 70                                                      | 18.05                 | 4140                                                    | 2.9                                             |              |          |                |
| 87                                                       | 60                                                      | 15.60                 | 3970                                                    | 3.3                                             |              |          |                |
| 103                                                      | 51                                                      | 13.25                 | 3790                                                    | 3.7                                             |              |          |                |
| 115                                                      | 46                                                      | 11.83                 | 3670                                                    | 4.0                                             |              |          |                |
| 35                                                       | 152                                                     | 39.25                 | 3280                                                    | 0.85                                            | KH<br>KHF    | 20<br>20 | D80K4<br>D80K4 |
| 37                                                       | 142                                                     | 36.79                 | 3240                                                    | 0.90                                            |              |          |                |
| 42                                                       | 125                                                     | 32.47                 | 3160                                                    | 1.05                                            |              |          |                |
| 47                                                       | 111                                                     | 28.78                 | 3080                                                    | 1.15                                            |              |          |                |
| 56                                                       | 95                                                      | 24.47                 | 2970                                                    | 1.40                                            |              |          |                |
| 61                                                       | 86                                                      | 22.32                 | 2910                                                    | 1.50                                            | KH<br>KHF    | 20<br>20 | D80K4<br>D80K4 |
| 70                                                       | 75                                                      | 19.35                 | 2810                                                    | 1.75                                            |              |          |                |
| 75                                                       | 70                                                      | 18.08                 | 2760                                                    | 1.85                                            |              |          |                |
| 87                                                       | 60                                                      | 15.63                 | 2660                                                    | 2.2                                             |              |          |                |
| 102                                                      | 51                                                      | 13.28                 | 2550                                                    | 2.5                                             |              |          |                |
| 115                                                      | 46                                                      | 11.86                 | 2470                                                    | 2.8                                             |              |          |                |
| 134                                                      | 39                                                      | 10.13                 | 2370                                                    | 3.1                                             |              |          |                |
| 145                                                      | 36                                                      | 9.41                  | 2290                                                    | 3.4                                             |              |          |                |
| 167                                                      | 32                                                      | 8.16                  | 2200                                                    | 3.7                                             |              |          |                |
| 178                                                      | 29                                                      | 7.63                  | 2160                                                    | 3.8                                             |              |          |                |
| 206                                                      | 26                                                      | 6.59                  | 2070                                                    | 4.2                                             |              |          |                |
| 243                                                      | 22                                                      | 5.60                  | 1980                                                    | 4.6                                             |              |          |                |
| 272                                                      | 19                                                      | 5.00                  | 1910                                                    | 4.9                                             |              |          |                |
| 318                                                      | 17                                                      | 4.27                  | 1830                                                    | 5.3                                             |              |          |                |
| 340                                                      | 15                                                      | 4.00                  | 1790                                                    | 5.5                                             |              |          |                |
| 404                                                      | 13                                                      | 3.37                  | 1700                                                    | 6.1                                             |              |          |                |
| 50                                                       | 105                                                     | 53.76                 | 235                                                     | 0.80                                            | KH<br>KHF    | 10<br>10 | D71D2<br>D71D2 |
| 57                                                       | 92                                                      | 47.44                 | 1280                                                    | 0.90                                            |              |          |                |
| 61                                                       | 86                                                      | 44.18                 | 1610                                                    | 1.00                                            |              |          |                |
| 70                                                       | 75                                                      | 38.61                 | 1590                                                    | 1.15                                            |              |          |                |
| 69                                                       | 76                                                      | 19.71                 | 1590                                                    | 1.10                                            | KH<br>KHF    | 10<br>10 | D80K4<br>D80K4 |
| 80                                                       | 66                                                      | 16.99                 | 1560                                                    | 1.30                                            |              |          |                |
| 86                                                       | 61                                                      | 15.84                 | 1550                                                    | 1.40                                            |              |          |                |
| 98                                                       | 54                                                      | 13.84                 | 1510                                                    | 1.60                                            |              |          |                |
| 105                                                      | 50                                                      | 12.98                 | 1500                                                    | 1.70                                            |              |          |                |
| 119                                                      | 44                                                      | 11.45                 | 1460                                                    | 1.85                                            |              |          |                |
| 134                                                      | 39                                                      | 10.15                 | 1430                                                    | 1.95                                            |              |          |                |
| 158                                                      | 33                                                      | 8.63                  | 1380                                                    | 2.2                                             |              |          |                |
| 180                                                      | 29                                                      | 7.55                  | 1290                                                    | 1.90                                            |              |          |                |
| 193                                                      | 27                                                      | 7.04                  | 1270                                                    | 2.0                                             |              |          |                |
| 221                                                      | 24                                                      | 6.15                  | 1240                                                    | 2.3                                             |              |          |                |
| 236                                                      | 22                                                      | 5.76                  | 1220                                                    | 2.4                                             |              |          |                |
| 267                                                      | 20                                                      | 5.09                  | 1190                                                    | 2.6                                             |              |          |                |
| 302                                                      | 17                                                      | 4.51                  | 1150                                                    | 2.8                                             |              |          |                |
| 355                                                      | 15                                                      | 3.83                  | 1110                                                    | 3.0                                             |              |          |                |
| 313                                                      | 17                                                      | 8.63                  | 1170                                                    | 4.3                                             | KH<br>KHF    | 10<br>10 | D71D2<br>D71D2 |
| 358                                                      | 15                                                      | 7.55                  | 1100                                                    | 3.8                                             |              |          |                |
| 384                                                      | 14                                                      | 7.04                  | 1080                                                    | 4.0                                             |              |          |                |
| 439                                                      | 12                                                      | 6.15                  | 1050                                                    | 4.5                                             |              |          |                |
| 468                                                      | 11                                                      | 5.76                  | 1030                                                    | 4.7                                             |              |          |                |
| 531                                                      | 9.9                                                     | 5.09                  | 990                                                     | 5.2                                             |              |          |                |
| 599                                                      | 8.8                                                     | 4.51                  | 960                                                     | 5.4                                             |              |          |                |
| 704                                                      | 7.5                                                     | 3.83                  | 920                                                     | 6.0                                             |              |          |                |
| 174                                                      | 30                                                      | 5.18                  | 4510                                                    | 2.5                                             | KH<br>KHF    | 60<br>60 | D80N6<br>D80N6 |
| 199                                                      | 26                                                      | 4.53                  | 4320                                                    | 3.1                                             |              |          |                |
| 209                                                      | 25                                                      | 4.30                  | 4260                                                    | 3.2                                             |              |          |                |
| 239                                                      | 22                                                      | 3.77                  | 4090                                                    | 4.0                                             |              |          |                |

KH..

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model |          |                |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------|----------|----------------|
| 0.55kW                                                   |                                                         |                       |                                                         |                                                 |              |          |                |
| 263                                                      | 20                                                      | 5.18                  | 3970                                                    | 3.8                                             | KH<br>KHF    | 60<br>60 | D80K4<br>D80K4 |
| 300                                                      | 18                                                      | 4.53                  | 3800                                                    | 4.7                                             |              |          |                |
| 316                                                      | 17                                                      | 4.30                  | 3740                                                    | 4.8                                             |              |          |                |
| 360                                                      | 15                                                      | 3.77                  | 3590                                                    | 6.0                                             |              |          |                |
| 425                                                      | 12                                                      | 3.20                  | 3410                                                    | 8.1                                             |              |          |                |
| 471                                                      | 11                                                      | 2.89                  | 3300                                                    | 9.5                                             |              |          |                |
| 535                                                      | 9.8                                                     | 2.54                  | 3170                                                    | 12                                              |              |          |                |
| 567                                                      | 9.3                                                     | 2.40                  | 3110                                                    | 13                                              |              |          |                |
| 666                                                      | 7.9                                                     | 2.04                  | 2950                                                    | 17                                              |              |          |                |
| 732                                                      | 7.2                                                     | 1.86                  | 2860                                                    | 18                                              |              |          |                |
| 845                                                      | 6.2                                                     | 1.61                  | 2730                                                    | 18                                              |              |          |                |
|                                                          |                                                         |                       |                                                         |                                                 |              |          |                |
| 207                                                      | 25                                                      | 4.35                  | 3440                                                    | 2.7                                             | KH<br>KHF    | 50<br>50 | D80N6<br>D80N6 |
| 238                                                      | 22                                                      | 3.79                  | 3300                                                    | 3.1                                             |              |          |                |
| 254                                                      | 21                                                      | 3.55                  | 3230                                                    | 3.3                                             |              |          |                |
| 287                                                      | 18                                                      | 3.14                  | 3110                                                    | 3.5                                             |              |          |                |
| 309                                                      | 17                                                      | 2.91                  | 3040                                                    | 3.9                                             |              |          |                |
|                                                          |                                                         |                       |                                                         |                                                 |              |          |                |
| 312                                                      | 17                                                      | 4.35                  | 3040                                                    | 4.1                                             | KH<br>KHF    | 50<br>50 | D80K4<br>D80K4 |
| 359                                                      | 15                                                      | 3.79                  | 3910                                                    | 4.7                                             |              |          |                |
| 383                                                      | 14                                                      | 3.55                  | 2850                                                    | 5.0                                             |              |          |                |
| 434                                                      | 12                                                      | 3.14                  | 2740                                                    | 5.4                                             |              |          |                |
| 467                                                      | 11                                                      | 2.91                  | 2680                                                    | 6.0                                             |              |          |                |
| 515                                                      | 10                                                      | 2.64                  | 2600                                                    | 6.8                                             |              |          |                |
| 574                                                      | 9.2                                                     | 2.37                  | 2510                                                    | 7.5                                             |              |          |                |
| 666                                                      | 7.9                                                     | 2.04                  | 2390                                                    | 8.7                                             |              |          |                |
| 708                                                      | 7.4                                                     | 1.92                  | 2350                                                    | 9.3                                             |              |          |                |
| 823                                                      | 6.4                                                     | 1.65                  | 2230                                                    | 11                                              |              |          |                |
| 921                                                      | 5.7                                                     | 1.48                  | 2150                                                    | 12                                              |              |          |                |
| 1045                                                     | 5.0                                                     | 1.30                  | 2070                                                    | 13                                              |              |          |                |
| 0.75kW                                                   |                                                         |                       |                                                         |                                                 |              |          |                |
| 0.30                                                     | 20700                                                   | 4650                  | 120000                                                  | 0.85                                            | KH           | 160 H90  | D80N4          |
| 0.33                                                     | 18300                                                   | 4129                  | 120000                                                  | 1.00                                            | KHF          | 160 H90  | D80N4          |
|                                                          |                                                         |                       |                                                         |                                                 |              |          |                |
| 0.52                                                     | 12000                                                   | 2657                  | 120000                                                  | 1.50                                            | KH<br>KHF    | 160 H90  | D80N4<br>D80N4 |
| 0.59                                                     | 10400                                                   | 2333                  | 120000                                                  | 1.75                                            |              |          |                |
| 0.66                                                     | 9230                                                    | 2085                  | 120000                                                  | 1.95                                            |              |          |                |
| 0.96                                                     | 6510                                                    | 1438                  | 120000                                                  | 2.8                                             |              |          |                |
|                                                          |                                                         |                       |                                                         |                                                 |              |          |                |
| 0.42                                                     | 15100                                                   | 3302                  | 49000                                                   | 0.85                                            | KH           | 140 H70  | D80N4          |
| 0.48                                                     | 13200                                                   | 2898                  | 62200                                                   | 1.00                                            | KHF          | 140 H70  | D80N4          |
|                                                          |                                                         |                       |                                                         |                                                 |              |          |                |
| 0.54                                                     | 11900                                                   | 2555                  | 64800                                                   | 1.10                                            | KH<br>KHF    | 140 H70  | D80N4<br>D80N4 |
| 0.62                                                     | 10300                                                   | 2211                  | 67400                                                   | 1.25                                            |              |          |                |
| 0.71                                                     | 9070                                                    | 1951                  | 69000                                                   | 1.45                                            |              |          |                |
| 0.81                                                     | 7830                                                    | 1705                  | 70500                                                   | 1.65                                            |              |          |                |
| 0.90                                                     | 7030                                                    | 1536                  | 71300                                                   | 1.85                                            |              |          |                |
| 1.0                                                      | 6080                                                    | 1329                  | 72100                                                   | 2.1                                             |              |          |                |
| 1.2                                                      | 5310                                                    | 1166                  | 72700                                                   | 2.5                                             |              |          |                |
|                                                          |                                                         |                       |                                                         |                                                 |              |          |                |
| 0.74                                                     | 8640                                                    | 1863                  | 51200                                                   | 0.95                                            | KH<br>KHF    | 130 H70  | D80N4<br>D80N4 |
| 0.87                                                     | 7330                                                    | 1586                  | 54700                                                   | 1.10                                            |              |          |                |
| 0.99                                                     | 6500                                                    | 1391                  | 56200                                                   | 1.25                                            |              |          |                |
| 1.1                                                      | 5850                                                    | 1256                  | 57300                                                   | 1.35                                            |              |          |                |
|                                                          |                                                         |                       |                                                         |                                                 |              |          |                |
| 0.67                                                     | 9640                                                    | 2073                  | 41400                                                   | 0.85                                            | KH<br>KHF    | 130 H70  | D80N4<br>D80N4 |
| 0.75                                                     | 8480                                                    | 1839                  | 51900                                                   | 0.95                                            |              |          |                |
| 0.86                                                     | 7310                                                    | 1598                  | 54800                                                   | 1.10                                            |              |          |                |
| 0.99                                                     | 6480                                                    | 1397                  | 56300                                                   | 1.25                                            |              |          |                |
| 1.1                                                      | 5660                                                    | 1226                  | 57500                                                   | 1.40                                            |              |          |                |
| 1.3                                                      | 5050                                                    | 1090                  | 58300                                                   | 1.60                                            |              |          |                |
| 1.5                                                      | 4410                                                    | 951                   | 59100                                                   | 1.80                                            |              |          |                |
| 1.7                                                      | 3810                                                    | 831                   | 59700                                                   | 2.1                                             |              |          |                |
| 1.9                                                      | 3320                                                    | 730                   | 60100                                                   | 2.4                                             |              |          |                |
|                                                          |                                                         |                       |                                                         |                                                 |              |          |                |
| 1.3                                                      | 4890                                                    | 1055                  | 19000                                                   | 0.90                                            | KH           | 100 H70  | D80N4          |
| 1.5                                                      | 4270                                                    | 919                   | 29600                                                   | 1.00                                            | KHF          | 100 H70  | D80N4          |
| 1.7                                                      | 3800                                                    | 815                   | 31900                                                   | 1.15                                            |              |          |                |
|                                                          |                                                         |                       |                                                         |                                                 |              |          |                |
| 1.2                                                      | 5050                                                    | 1104                  | 7700                                                    | 0.85                                            | KH<br>KHF    | 100 H30  | D80N4<br>D80N4 |
| 1.5                                                      | 4330                                                    | 939                   | 29300                                                   | 1.00                                            |              |          |                |
| 1.7                                                      | 3770                                                    | 822                   | 32000                                                   | 1.15                                            |              |          |                |
| 3.7                                                      | 1690                                                    | 369                   | 37100                                                   | 2.5                                             |              |          |                |
| 4.3                                                      | 1470                                                    | 323                   | 37300                                                   | 2.9                                             |              |          |                |







KH..

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号       |    |                |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|-----------|----|----------------|
| Model                                                    |                                                         |                       |                                                         |                                                 |           |    |                |
| 1.1kW                                                    |                                                         |                       |                                                         |                                                 |           |    |                |
| 53                                                       | 197                                                     | 26.31                 | 5650                                                    | 2.3                                             | KH<br>KHF | 50 | D90S4<br>D90S4 |
| 56                                                       | 188                                                     | 24.99                 | 5580                                                    | 2.4                                             |           |    |                |
| 64                                                       | 165                                                     | 21.93                 | 5400                                                    | 2.7                                             |           |    |                |
| 75                                                       | 140                                                     | 18.60                 | 5170                                                    | 3.2                                             |           |    |                |
| 83                                                       | 126                                                     | 16.79                 | 5030                                                    | 3.6                                             |           |    |                |
| 29                                                       | 360                                                     | 47.75                 | 3500                                                    | 0.85                                            | KH<br>KHF | 40 | D90S4<br>D90S4 |
| 33                                                       | 320                                                     | 42.87                 | 4850                                                    | 0.95                                            |           |    |                |
| 38                                                       | 275                                                     | 36.93                 | 4720                                                    | 1.10                                            |           |    |                |
| 40                                                       | 260                                                     | 34.73                 | 4660                                                    | 1.15                                            |           |    |                |
| 47                                                       | 225                                                     | 29.88                 | 4520                                                    | 1.35                                            |           |    |                |
| 52                                                       | 200                                                     | 26.70                 | 4410                                                    | 1.50                                            |           |    |                |
| 59                                                       | 177                                                     | 23.59                 | 4290                                                    | 1.70                                            |           |    |                |
| 60                                                       | 175                                                     | 23.28                 | 4270                                                    | 1.70                                            | KH<br>KHF | 40 | D90S4<br>D90S4 |
| 64                                                       | 164                                                     | 21.81                 | 4210                                                    | 1.85                                            |           |    |                |
| 73                                                       | 145                                                     | 19.27                 | 4080                                                    | 2.0                                             |           |    |                |
| 78                                                       | 134                                                     | 17.89                 | 4010                                                    | 2.2                                             |           |    |                |
| 86                                                       | 122                                                     | 16.22                 | 3910                                                    | 2.3                                             |           |    |                |
| 96                                                       | 109                                                     | 14.56                 | 3800                                                    | 2.4                                             |           |    |                |
| 112                                                      | 94                                                      | 12.54                 | 3650                                                    | 2.7                                             |           |    |                |
| 119                                                      | 89                                                      | 11.79                 | 3590                                                    | 2.8                                             |           |    |                |
| 138                                                      | 76                                                      | 10.15                 | 3450                                                    | 3.0                                             |           |    |                |
| 154                                                      | 68                                                      | 9.07                  | 3340                                                    | 3.2                                             |           |    |                |
| 43                                                       | 245                                                     | 32.40                 | 2900                                                    | 0.80                                            | KH<br>KHF | 30 | D90S4<br>D90S4 |
| 49                                                       | 215                                                     | 28.73                 | 3300                                                    | 0.95                                            |           |    |                |
| 57                                                       | 183                                                     | 24.42                 | 3720                                                    | 1.10                                            |           |    |                |
| 73                                                       | 145                                                     | 19.31                 | 3840                                                    | 1.40                                            | KH<br>KHF | 30 | D90S4<br>D90S4 |
| 78                                                       | 135                                                     | 18.05                 | 3790                                                    | 1.50                                            |           |    |                |
| 90                                                       | 117                                                     | 15.60                 | 3660                                                    | 1.70                                            |           |    |                |
| 106                                                      | 99                                                      | 13.25                 | 3520                                                    | 1.90                                            | KH<br>KHF | 30 | D90S4<br>D90S4 |
| 118                                                      | 89                                                      | 11.83                 | 3430                                                    | 2.1                                             |           |    |                |
| 139                                                      | 76                                                      | 10.11                 | 3290                                                    | 2.2                                             |           |    |                |
| 148                                                      | 71                                                      | 9.47                  | 3230                                                    | 2.3                                             |           |    |                |
| 176                                                      | 60                                                      | 7.97                  | 3090                                                    | 2.6                                             |           |    |                |
| 210                                                      | 50                                                      | 6.67                  | 2920                                                    | 2.9                                             |           |    |                |
| 247                                                      | 43                                                      | 5.67                  | 2790                                                    | 3.3                                             |           |    |                |
| 277                                                      | 38                                                      | 5.06                  | 2700                                                    | 3.5                                             |           |    |                |
| 72                                                       | 145                                                     | 19.35                 | 2430                                                    | 0.90                                            | KH<br>KHF | 20 | D90S4<br>D90S4 |
| 77                                                       | 136                                                     | 18.08                 | 2410                                                    | 0.95                                            |           |    |                |
| 90                                                       | 117                                                     | 15.63                 | 2360                                                    | 1.10                                            |           |    |                |
| 105                                                      | 100                                                     | 13.28                 | 2290                                                    | 1.30                                            |           |    |                |
| 118                                                      | 89                                                      | 11.86                 | 2240                                                    | 1.45                                            |           |    |                |
| 138                                                      | 76                                                      | 10.13                 | 2160                                                    | 1.60                                            |           |    |                |
| 172                                                      | 61                                                      | 8.16                  | 2010                                                    | 1.90                                            |           |    |                |
| 184                                                      | 57                                                      | 7.63                  | 1980                                                    | 1.95                                            |           |    |                |
| 212                                                      | 50                                                      | 6.59                  | 1920                                                    | 2.1                                             |           |    |                |
| 250                                                      | 42                                                      | 5.60                  | 1840                                                    | 2.4                                             |           |    |                |
| 280                                                      | 38                                                      | 5.00                  | 1790                                                    | 2.5                                             |           |    |                |
| 328                                                      | 32                                                      | 4.27                  | 1720                                                    | 2.7                                             |           |    |                |
| 350                                                      | 30                                                      | 4.00                  | 1690                                                    | 2.8                                             |           |    |                |
| 415                                                      | 25                                                      | 3.37                  | 1610                                                    | 3.1                                             |           |    |                |
| 203                                                      | 52                                                      | 13.28                 | 1980                                                    | 2.5                                             | KH<br>KHF | 20 | D80N2<br>D80N2 |
| 228                                                      | 46                                                      | 11.86                 | 1920                                                    | 2.8                                             |           |    |                |
| 267                                                      | 39                                                      | 10.13                 | 1840                                                    | 3.1                                             |           |    |                |
| 287                                                      | 37                                                      | 9.41                  | 1780                                                    | 3.3                                             |           |    |                |
| 331                                                      | 32                                                      | 8.16                  | 1720                                                    | 3.7                                             |           |    |                |
| 354                                                      | 30                                                      | 7.63                  | 1690                                                    | 3.8                                             |           |    |                |
| 410                                                      | 26                                                      | 6.59                  | 1620                                                    | 4.1                                             |           |    |                |
| 482                                                      | 22                                                      | 5.60                  | 1550                                                    | 4.5                                             |           |    |                |
| 540                                                      | 20                                                      | 5.00                  | 1500                                                    | 4.9                                             |           |    |                |
| 632                                                      | 17                                                      | 4.27                  | 1430                                                    | 5.2                                             |           |    |                |
| 675                                                      | 16                                                      | 4.00                  | 1410                                                    | 5.4                                             |           |    |                |
| 801                                                      | 13                                                      | 3.37                  | 1340                                                    | 6.0                                             |           |    |                |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model |     |                        |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------|-----|------------------------|
| 1.1kW                                                    |                                                         |                       |                                                         |                                                 |              |     |                        |
| 137                                                      | 77                                                      | 19.71                 | 1150                                                    | 1.10                                            | KH<br>KHF    | 10  | D80N2<br>D80N2         |
| 159                                                      | 66                                                      | 16.99                 | 1140                                                    | 1.30                                            |              |     |                        |
| 170                                                      | 62                                                      | 15.84                 | 1140                                                    | 1.40                                            |              |     |                        |
| 195                                                      | 54                                                      | 13.84                 | 1120                                                    | 1.60                                            |              |     |                        |
| 208                                                      | 51                                                      | 12.98                 | 1120                                                    | 1.70                                            |              |     |                        |
| 236                                                      | 45                                                      | 11.45                 | 1100                                                    | 1.80                                            |              |     |                        |
| 266                                                      | 40                                                      | 10.15                 | 1080                                                    | 1.95                                            |              |     |                        |
| 313                                                      | 34                                                      | 8.63                  | 1050                                                    | 2.1                                             |              |     |                        |
| 358                                                      | 29                                                      | 7.55                  | 970                                                     | 1.90                                            |              |     |                        |
| 384                                                      | 27                                                      | 7.04                  | 960                                                     | 2.0                                             |              |     |                        |
| 439                                                      | 24                                                      | 6.15                  | 940                                                     | 2.3                                             |              |     |                        |
| 468                                                      | 22                                                      | 5.76                  | 930                                                     | 2.4                                             |              |     |                        |
| 531                                                      | 20                                                      | 5.09                  | 910                                                     | 2.6                                             |              |     |                        |
| 599                                                      | 18                                                      | 4.51                  | 880                                                     | 2.7                                             |              |     |                        |
| 704                                                      | 15                                                      | 3.83                  | 850                                                     | 3.0                                             |              |     |                        |
| 249                                                      | 42                                                      | 5.63                  | 5680                                                    | 2.6                                             | KH<br>KHF    | 70  | D90S4<br>D90S4         |
| 262                                                      | 40                                                      | 5.35                  | 5590                                                    | 2.6                                             |              |     |                        |
| 296                                                      | 36                                                      | 4.73                  | 5380                                                    | 3.5                                             |              |     |                        |
| 203                                                      | 52                                                      | 4.53                  | 4130                                                    | 1.60                                            | KH<br>KHF    | 60  | D90L6<br>D90L6         |
| 214                                                      | 49                                                      | 4.30                  | 4070                                                    | 1.65                                            |              |     |                        |
| 244                                                      | 43                                                      | 3.77                  | 3920                                                    | 2.0                                             |              |     |                        |
| 309                                                      | 34                                                      | 4.53                  | 3660                                                    | 2.4                                             | KH<br>KHF    | 60  | D90S4<br>D90S4         |
| 326                                                      | 32                                                      | 4.30                  | 3610                                                    | 2.5                                             |              |     |                        |
| 371                                                      | 28                                                      | 3.77                  | 3470                                                    | 3.1                                             |              |     |                        |
| 438                                                      | 24                                                      | 3.20                  | 3300                                                    | 4.2                                             |              |     |                        |
| 485                                                      | 22                                                      | 2.89                  | 3200                                                    | 4.9                                             |              |     |                        |
| 551                                                      | 19                                                      | 2.54                  | 3070                                                    | 6.2                                             |              |     |                        |
| 583                                                      | 18                                                      | 2.40                  | 3020                                                    | 6.8                                             |              |     |                        |
| 685                                                      | 15                                                      | 2.04                  | 2870                                                    | 8.8                                             |              |     |                        |
| 754                                                      | 14                                                      | 1.86                  | 2780                                                    | 9.1                                             |              |     |                        |
| 870                                                      | 12                                                      | 1.61                  | 2660                                                    | 9.4                                             |              |     |                        |
| 1000                                                     | 11                                                      | 1.40                  | 2550                                                    | 9.9                                             |              |     |                        |
| 243                                                      | 43                                                      | 3.79                  | 3120                                                    | 1.60                                            | KH<br>KHF    | 50  | D90L6<br>D90L6         |
| 259                                                      | 41                                                      | 3.55                  | 3060                                                    | 1.70                                            |              |     |                        |
| 293                                                      | 36                                                      | 3.14                  | 2960                                                    | 1.80                                            |              |     |                        |
| 316                                                      | 33                                                      | 2.91                  | 2900                                                    | 2.0                                             |              |     |                        |
| 348                                                      | 30                                                      | 2.64                  | 2820                                                    | 2.3                                             |              |     |                        |
| 369                                                      | 28                                                      | 3.79                  | 2780                                                    | 2.4                                             | KH<br>KHF    | 50  | D90S4<br>D90S4         |
| 394                                                      | 27                                                      | 3.55                  | 2730                                                    | 2.6                                             |              |     |                        |
| 446                                                      | 24                                                      | 3.14                  | 2630                                                    | 2.8                                             |              |     |                        |
| 481                                                      | 22                                                      | 2.91                  | 2570                                                    | 3.1                                             |              |     |                        |
| 530                                                      | 20                                                      | 2.64                  | 2500                                                    | 3.5                                             |              |     |                        |
| 591                                                      | 18                                                      | 2.37                  | 2420                                                    | 3.9                                             |              |     |                        |
| 686                                                      | 15                                                      | 2.04                  | 2310                                                    | 4.5                                             |              |     |                        |
| 729                                                      | 14                                                      | 1.92                  | 2270                                                    | 4.8                                             |              |     |                        |
| 847                                                      | 12                                                      | 1.65                  | 2160                                                    | 5.6                                             |              |     |                        |
| 948                                                      | 11                                                      | 1.48                  | 2090                                                    | 6.1                                             |              |     |                        |
| 1075                                                     | 9.8                                                     | 1.30                  | 2010                                                    | 6.4                                             |              |     |                        |
| 1.5kW                                                    |                                                         |                       |                                                         |                                                 |              |     |                        |
| 0.60                                                     | 21200                                                   | 2333                  | 120000                                                  | 0.85                                            | KH<br>KHF    | 160 | H90 D90L4<br>H90 D90L4 |
| 0.68                                                     | 18800                                                   | 2085                  | 120000                                                  | 0.95                                            |              |     |                        |
| 0.75                                                     | 16900                                                   | 1877                  | 120000                                                  | 1.05                                            |              |     |                        |
| 0.84                                                     | 15000                                                   | 1670                  | 120000                                                  | 1.20                                            |              |     |                        |
| 0.98                                                     | 13100                                                   | 1438                  | 120000                                                  | 1.35                                            |              |     |                        |
| 1.1                                                      | 11700                                                   | 1279                  | 120000                                                  | 1.55                                            |              |     |                        |
| 1.3                                                      | 10200                                                   | 1123                  | 120000                                                  | 1.75                                            |              |     |                        |
| 1.4                                                      | 9060                                                    | 999                   | 120000                                                  | 2.0                                             |              |     |                        |
| 3.3                                                      | 3870                                                    | 426                   | 73600                                                   | 3.4                                             | KH<br>KHF    | 140 | H80 D90L4<br>H80 D90L4 |
| 3.8                                                      | 3340                                                    | 368                   | 73900                                                   | 3.9                                             |              |     |                        |
| 0.83                                                     | 15700                                                   | 1705                  | 41200                                                   | 0.85                                            | KH<br>KHF    | 140 | H70 D90L4<br>H70 D90L4 |
| 0.92                                                     | 14100                                                   | 1536                  | 60300                                                   | 0.90                                            |              |     |                        |
| 1.1                                                      | 12200                                                   | 1329                  | 64200                                                   | 1.05                                            |              |     |                        |
| 1.2                                                      | 10700                                                   | 1166                  | 66800                                                   | 1.20                                            |              |     |                        |
| 1.4                                                      | 9410                                                    | 1029                  | 68600                                                   | 1.40                                            |              |     |                        |
| 1.6                                                      | 8140                                                    | 889                   | 70100                                                   | 1.60                                            |              |     |                        |
| 1.8                                                      | 7170                                                    | 784                   | 71200                                                   | 1.80                                            |              |     |                        |
| 2.0                                                      | 6340                                                    | 695                   | 71900                                                   | 2.0                                             |              |     |                        |
| 2.3                                                      | 5700                                                    | 619                   | 72400                                                   | 2.3                                             |              |     |                        |
| 2.5                                                      | 5130                                                    | 558                   | 72900                                                   | 2.5                                             |              |     |                        |

KH..

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model |     |                        |           |    |                |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------|-----|------------------------|-----------|----|----------------|
| 1.5kW                                                    |                                                         |                       |                                                         |                                                 |              |     |                        |           |    |                |
| 1.4                                                      | 9650                                                    | 1043                  | 41200                                                   | 0.85                                            | KH<br>KHF    | 130 | H70 D90L4              |           |    |                |
| 1.6                                                      | 8200                                                    | 888                   | 52900                                                   | 1.00                                            |              |     |                        |           |    |                |
| 2.0                                                      | 6440                                                    | 699                   | 56300                                                   | 1.25                                            |              |     |                        |           |    |                |
| 2.3                                                      | 5590                                                    | 609                   | 57600                                                   | 1.45                                            |              |     |                        |           |    |                |
| 1.3                                                      | 10100                                                   | 1090                  | 32300                                                   | 0.80                                            | KH<br>KHF    | 130 | H70 D90L4              |           |    |                |
| 1.5                                                      | 8790                                                    | 951                   | 50600                                                   | 0.90                                            |              |     |                        |           |    |                |
| 1.7                                                      | 7640                                                    | 831                   | 54100                                                   | 1.05                                            |              |     |                        |           |    |                |
| 1.9                                                      | 6680                                                    | 730                   | 55900                                                   | 1.20                                            |              |     |                        |           |    |                |
| 2.2                                                      | 5740                                                    | 629                   | 57400                                                   | 1.40                                            |              |     |                        |           |    |                |
| 2.5                                                      | 5150                                                    | 560                   | 58200                                                   | 1.55                                            |              |     |                        |           |    |                |
| 2.9                                                      | 4470                                                    | 490                   | 59000                                                   | 1.80                                            |              |     |                        |           |    |                |
| 3.3                                                      | 3910                                                    | 428                   | 59600                                                   | 2.0                                             |              |     |                        |           |    |                |
| 3.7                                                      | 3510                                                    | 381                   | 59900                                                   | 2.3                                             |              |     |                        |           |    |                |
| 4.4                                                      | 2980                                                    | 323                   | 60400                                                   | 2.7                                             |              |     |                        |           |    |                |
| 2.7                                                      | 4860                                                    | 528                   | 20600                                                   | 0.90                                            | KH<br>KHF    | 100 | H70 D90L4<br>H70 D90L4 |           |    |                |
| 2.6                                                      | 4970                                                    | 544                   | 14800                                                   | 0.85                                            | KH<br>KHF    | 100 | H70 D90L4              |           |    |                |
| 2.9                                                      | 4490                                                    | 492                   | 28400                                                   | 0.95                                            |              |     |                        |           |    |                |
| 3.4                                                      | 3810                                                    | 417                   | 31900                                                   | 1.15                                            |              |     |                        |           |    |                |
| 3.8                                                      | 3390                                                    | 369                   | 33600                                                   | 1.25                                            |              |     |                        |           |    |                |
| 4.4                                                      | 2960                                                    | 323                   | 35100                                                   | 1.45                                            |              |     |                        |           |    |                |
| 3.0                                                      | 4410                                                    | 469                   | 28900                                                   | 1.00                                            | KH<br>KHF    | 100 | H70 D90L4<br>H70 D90L4 |           |    |                |
| 4.2                                                      | 3120                                                    | 336                   | 14600                                                   | 0.95                                            | KH<br>KHF    | 90  | H50 D90L4              |           |    |                |
| 4.8                                                      | 2740                                                    | 296                   | 22700                                                   | 1.10                                            |              |     |                        |           |    |                |
| 5.7                                                      | 2300                                                    | 249                   | 25100                                                   | 1.30                                            |              |     |                        |           |    |                |
| 6.0                                                      | 2150                                                    | 234                   | 25800                                                   | 1.40                                            |              |     |                        |           |    |                |
| 6.8                                                      | 1920                                                    | 209                   | 26700                                                   | 1.55                                            |              |     |                        |           |    |                |
| 3.0                                                      | 4710                                                    | 229.95                | 26500                                                   | 0.90                                            | KH<br>KHF    | 100 | D112M8<br>D112M8       |           |    |                |
| 3.5                                                      | 4160                                                    | 203.16                | 30200                                                   | 1.05                                            |              |     |                        |           |    |                |
| 4.1                                                      | 3530                                                    | 172.34                | 33100                                                   | 1.20                                            |              |     |                        |           |    |                |
| 4.4                                                      | 3250                                                    | 158.68                | 34100                                                   | 1.30                                            |              |     |                        |           |    |                |
| 3.7                                                      | 3910                                                    | 251.15                | 31400                                                   | 1.10                                            | KH<br>KHF    | 100 | D100M6<br>D100M6       |           |    |                |
| 4.0                                                      | 3580                                                    | 229.95                | 32900                                                   | 1.20                                            |              |     |                        |           |    |                |
| 4.5                                                      | 3610                                                    | 203.16                | 34400                                                   | 1.35                                            |              |     |                        |           |    |                |
| 5.3                                                      | 2680                                                    | 172.34                | 35900                                                   | 1.60                                            |              |     |                        |           |    |                |
| 5.8                                                      | 2470                                                    | 158.68                | 36200                                                   | 1.75                                            |              |     |                        |           |    |                |
| 6.5                                                      | 2210                                                    | 141.83                | 36500                                                   | 1.95                                            |              |     |                        |           |    |                |
| 5.5                                                      | 2600                                                    | 255.71                | 23500                                                   | 1.15                                            |              |     |                        | KH<br>KHF | 90 | D90L4<br>D90L4 |
| 5.8                                                      | 2450                                                    | 241.25                | 24300                                                   | 1.20                                            |              |     |                        |           |    |                |
| 6.5                                                      | 2200                                                    | 216.28                | 25600                                                   | 1.35                                            |              |     |                        |           |    |                |
| 7.6                                                      | 1890                                                    | 186.30                | 26800                                                   | 1.60                                            |              |     |                        |           |    |                |
| 8.3                                                      | 1730                                                    | 170.02                | 27300                                                   | 1.75                                            |              |     |                        |           |    |                |
| 9.4                                                      | 1530                                                    | 150.78                | 27600                                                   | 1.95                                            |              |     |                        |           |    |                |
| 11                                                       | 1290                                                    | 126.75                | 27900                                                   | 2.3                                             |              |     |                        |           |    |                |
| 12                                                       | 1180                                                    | 116.48                | 28000                                                   | 2.5                                             |              |     |                        |           |    |                |
| 14                                                       | 1050                                                    | 103.44                | 28200                                                   | 2.8                                             |              |     |                        |           |    |                |
| 15                                                       | 940                                                     | 92.48                 | 28300                                                   | 3.2                                             |              |     |                        |           |    |                |
| 7.8                                                      | 1850                                                    | 181.77                | 11400                                                   | 0.85                                            | KH<br>KHF    | 80  | D90L4<br>D90L4         |           |    |                |
| 9.1                                                      | 1580                                                    | 155.34                | 16700                                                   | 1.00                                            |              |     |                        |           |    |                |
| 9.9                                                      | 1450                                                    | 142.41                | 17600                                                   | 1.05                                            |              |     |                        |           |    |                |
| 11                                                       | 1270                                                    | 124.97                | 18600                                                   | 1.20                                            |              |     |                        |           |    |                |
| 12                                                       | 1200                                                    | 118.43                | 19000                                                   | 1.30                                            |              |     |                        |           |    |                |
| 14                                                       | 1050                                                    | 103.65                | 19600                                                   | 1.45                                            |              |     |                        |           |    |                |
| 15                                                       | 950                                                     | 93.38                 | 20000                                                   | 1.65                                            |              |     |                        | KH<br>KHF | 80 | D90L4<br>D90L4 |
| 17                                                       | 830                                                     | 81.92                 | 20000                                                   | 1.85                                            |              |     |                        |           |    |                |
| 19                                                       | 735                                                     | 72.57                 | 20000                                                   | 2.1                                             |              |     |                        |           |    |                |
| 22                                                       | 645                                                     | 63.68                 | 20000                                                   | 2.4                                             |              |     |                        |           |    |                |
| 23                                                       | 615                                                     | 60.35                 | 20000                                                   | 2.5                                             |              |     |                        |           |    |                |
| 27                                                       | 535                                                     | 52.82                 | 20000                                                   | 2.9                                             |              |     |                        |           |    |                |
| 30                                                       | 485                                                     | 47.58                 | 20000                                                   | 3.2                                             |              |     |                        |           |    |                |
| 34                                                       | 425                                                     | 41.74                 | 20000                                                   | 3.7                                             |              |     |                        |           |    |                |
| 38                                                       | 375                                                     | 36.84                 | 19600                                                   | 4.1                                             |              |     |                        |           |    |                |



KH..

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号 |    |       |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|-----|----|-------|
| Model                                                    |                                                         |                       |                                                         |                                                 |     |    |       |
| 1.5kW                                                    |                                                         |                       |                                                         |                                                 |     |    |       |
| 73                                                       | 196                                                     | 19.31                 | 2660                                                    | 1.00                                            | KH  | 30 | D90L4 |
| 78                                                       | 183                                                     | 18.05                 | 2840                                                    | 1.10                                            |     |    |       |
| 90                                                       | 159                                                     | 15.60                 | 3160                                                    | 1.25                                            |     |    |       |
| 106                                                      | 135                                                     | 13.25                 | 3350                                                    | 1.40                                            | KH  | 30 | D90L4 |
| 119                                                      | 120                                                     | 11.83                 | 3270                                                    | 1.50                                            |     |    |       |
| 140                                                      | 103                                                     | 10.11                 | 3160                                                    | 1.65                                            |     |    |       |
| 149                                                      | 96                                                      | 9.47                  | 3110                                                    | 1.75                                            |     |    |       |
| 177                                                      | 81                                                      | 7.97                  | 2980                                                    | 1.95                                            |     |    |       |
| 211                                                      | 68                                                      | 6.67                  | 2820                                                    | 2.1                                             |     |    |       |
| 249                                                      | 58                                                      | 5.67                  | 2710                                                    | 2.5                                             |     |    |       |
| 279                                                      | 51                                                      | 5.06                  | 2630                                                    | 2.6                                             |     |    |       |
| 326                                                      | 44                                                      | 4.32                  | 2520                                                    | 2.9                                             |     |    |       |
| 348                                                      | 41                                                      | 4.05                  | 2470                                                    | 3.0                                             |     |    |       |
| 414                                                      | 35                                                      | 3.41                  | 2360                                                    | 3.2                                             |     |    |       |
| 204                                                      | 70                                                      | 13.25                 | 2880                                                    | 2.7                                             | KH  | 30 | D90S2 |
| 228                                                      | 63                                                      | 11.83                 | 2790                                                    | 2.9                                             |     |    |       |
| 267                                                      | 54                                                      | 10.11                 | 2680                                                    | 3.2                                             |     |    |       |
| 285                                                      | 50                                                      | 9.47                  | 2630                                                    | 3.3                                             |     |    |       |
| 339                                                      | 42                                                      | 7.97                  | 2510                                                    | 3.7                                             | KH  | 20 | D90L4 |
| 90                                                       | 159                                                     | 15.63                 | 1700                                                    | 0.80                                            |     |    |       |
| 106                                                      | 135                                                     | 13.28                 | 2020                                                    | 0.95                                            |     |    |       |
| 119                                                      | 121                                                     | 11.86                 | 2080                                                    | 1.05                                            |     |    |       |
| 139                                                      | 103                                                     | 10.13                 | 2030                                                    | 1.20                                            |     |    |       |
| 173                                                      | 83                                                      | 8.16                  | 1880                                                    | 1.40                                            |     |    |       |
| 185                                                      | 78                                                      | 7.63                  | 1860                                                    | 1.45                                            |     |    |       |
| 214                                                      | 67                                                      | 6.59                  | 1810                                                    | 1.60                                            |     |    |       |
| 252                                                      | 57                                                      | 5.60                  | 1750                                                    | 1.75                                            |     |    |       |
| 282                                                      | 51                                                      | 5.00                  | 1710                                                    | 1.85                                            |     |    |       |
| 330                                                      | 43                                                      | 4.27                  | 1650                                                    | 2.0                                             |     |    |       |
| 353                                                      | 41                                                      | 4.00                  | 1630                                                    | 2.1                                             |     |    |       |
| 418                                                      | 34                                                      | 3.37                  | 1560                                                    | 2.3                                             |     |    |       |
| 228                                                      | 63                                                      | 11.86                 | 1840                                                    | 2.10                                            | KH  | 20 | D90S2 |
| 267                                                      | 54                                                      | 10.13                 | 1770                                                    | 2.3                                             |     |    |       |
| 331                                                      | 43                                                      | 8.16                  | 1650                                                    | 2.7                                             |     |    |       |
| 354                                                      | 41                                                      | 7.63                  | 1620                                                    | 2.8                                             |     |    |       |
| 410                                                      | 35                                                      | 6.59                  | 1570                                                    | 3.0                                             |     |    |       |
| 482                                                      | 30                                                      | 5.60                  | 1500                                                    | 3.3                                             |     |    |       |
| 540                                                      | 27                                                      | 5.00                  | 1460                                                    | 3.6                                             |     |    |       |
| 632                                                      | 23                                                      | 4.27                  | 1400                                                    | 3.8                                             |     |    |       |
| 675                                                      | 21                                                      | 4.00                  | 1370                                                    | 4.0                                             |     |    |       |
| 801                                                      | 18                                                      | 3.37                  | 1310                                                    | 4.4                                             |     |    |       |
| 250                                                      | 57                                                      | 5.63                  | 5580                                                    | 1.90                                            | KH  | 70 | D90L4 |
| 264                                                      | 54                                                      | 5.35                  | 5490                                                    | 1.90                                            |     |    |       |
| 298                                                      | 48                                                      | 4.73                  | 5300                                                    | 2.6                                             |     |    |       |
| 349                                                      | 41                                                      | 4.04                  | 5050                                                    | 3.5                                             |     |    |       |
| 381                                                      | 38                                                      | 3.70                  | 4920                                                    | 4.1                                             |     |    |       |
| 434                                                      | 33                                                      | 3.25                  | 4720                                                    | 5.5                                             |     |    |       |
| 458                                                      | 31                                                      | 3.08                  | 4650                                                    | 6.2                                             |     |    |       |
| 523                                                      | 27                                                      | 2.70                  | 4460                                                    | 7.8                                             |     |    |       |
| 581                                                      | 25                                                      | 2.43                  | 4310                                                    | 8.7                                             |     |    |       |
| 312                                                      | 46                                                      | 4.53                  | 3570                                                    | 1.80                                            | KH  | 60 | D90L4 |
| 328                                                      | 44                                                      | 4.30                  | 3520                                                    | 1.85                                            |     |    |       |
| 374                                                      | 38                                                      | 3.77                  | 3390                                                    | 2.3                                             |     |    |       |
| 441                                                      | 33                                                      | 3.20                  | 3230                                                    | 3.1                                             |     |    |       |
| 488                                                      | 29                                                      | 2.89                  | 3140                                                    | 3.6                                             |     |    |       |
| 555                                                      | 26                                                      | 2.54                  | 3020                                                    | 4.6                                             |     |    |       |
| 588                                                      | 24                                                      | 2.40                  | 2970                                                    | 5.0                                             |     |    |       |
| 690                                                      | 21                                                      | 2.04                  | 2820                                                    | 6.4                                             |     |    |       |
| 759                                                      | 19                                                      | 1.86                  | 2740                                                    | 6.7                                             |     |    |       |
| 876                                                      | 16                                                      | 1.61                  | 2620                                                    | 7.0                                             |     |    |       |
| 1005                                                     | 14                                                      | 1.40                  | 2510                                                    | 7.3                                             |     |    |       |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model |         |        |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------|---------|--------|
| 1.5kW                                                    |                                                         |                       |                                                         |                                                 |              |         |        |
| 372                                                      | 39                                                      | 3.79                  | 2700                                                    | 1.80                                            | KH<br>KHXF   | 50      | D90L4  |
| 397                                                      | 36                                                      | 3.55                  | 2650                                                    | 1.90                                            |              |         |        |
| 450                                                      | 32                                                      | 3.14                  | 2560                                                    | 2.0                                             |              |         |        |
| 484                                                      | 30                                                      | 2.91                  | 2510                                                    | 2.3                                             |              |         |        |
| 534                                                      | 27                                                      | 2.64                  | 2440                                                    | 2.6                                             |              |         |        |
| 595                                                      | 24                                                      | 2.37                  | 2360                                                    | 2.9                                             |              |         |        |
| 691                                                      | 21                                                      | 2.04                  | 2260                                                    | 3.3                                             |              |         |        |
| 734                                                      | 20                                                      | 1.92                  | 2220                                                    | 3.5                                             |              |         |        |
| 853                                                      | 17                                                      | 1.65                  | 2120                                                    | 4.1                                             |              |         |        |
| 955                                                      | 15                                                      | 1.48                  | 2050                                                    | 4.5                                             |              |         |        |
| 1080                                                     | 13                                                      | 1.30                  | 1980                                                    | 4.7                                             |              |         |        |
| 2.2kW                                                    |                                                         |                       |                                                         |                                                 |              |         |        |
| 0.84                                                     | 22400                                                   | 1670                  | 120000                                                  | 0.80                                            | KH<br>KHF    | 160 H90 | D100M4 |
| 0.98                                                     | 19500                                                   | 1438                  | 120000                                                  | 0.95                                            |              |         |        |
| 1.1                                                      | 17300                                                   | 1279                  | 120000                                                  | 1.05                                            |              |         |        |
| 1.3                                                      | 15100                                                   | 1123                  | 120000                                                  | 1.20                                            |              |         |        |
| 1.4                                                      | 13500                                                   | 999                   | 120000                                                  | 1.35                                            |              |         |        |
| 1.6                                                      | 11600                                                   | 861                   | 120000                                                  | 1.55                                            |              |         |        |
| 1.9                                                      | 10300                                                   | 760                   | 120000                                                  | 1.75                                            |              |         |        |
| 2.2                                                      | 8710                                                    | 656                   | 120000                                                  | 2.1                                             |              |         |        |
| 2.6                                                      | 7130                                                    | 533                   | 71200                                                   | 1.80                                            | KH<br>KHF    | 140 H80 | D100M4 |
| 3.0                                                      | 6150                                                    | 462                   | 72100                                                   | 2.1                                             |              |         |        |
| 3.3                                                      | 5740                                                    | 426                   | 72400                                                   | 2.3                                             |              |         |        |
| 3.8                                                      | 4960                                                    | 368                   | 73000                                                   | 2.6                                             |              |         |        |
| 4.3                                                      | 4390                                                    | 326                   | 73300                                                   | 3.0                                             |              |         |        |
| 1.2                                                      | 15800                                                   | 1166                  | 39400                                                   | 0.80                                            | KH<br>KHF    | 140 H70 | D100M4 |
| 1.4                                                      | 13900                                                   | 1029                  | 60700                                                   | 0.95                                            |              |         |        |
| 1.6                                                      | 12000                                                   | 889                   | 64500                                                   | 1.10                                            |              |         |        |
| 1.8                                                      | 10600                                                   | 784                   | 66900                                                   | 1.20                                            |              |         |        |
| 2.0                                                      | 9400                                                    | 695                   | 68600                                                   | 1.40                                            |              |         |        |
| 2.3                                                      | 8420                                                    | 619                   | 69800                                                   | 1.55                                            |              |         |        |
| 2.5                                                      | 7580                                                    | 558                   | 70800                                                   | 1.70                                            |              |         |        |
| 2.9                                                      | 6640                                                    | 489                   | 71700                                                   | 1.95                                            |              |         |        |
| 2.0                                                      | 9510                                                    | 699                   | 43900                                                   | 0.85                                            | KH<br>KHF    | 130 H70 | D100M4 |
| 2.3                                                      | 8270                                                    | 609                   | 52800                                                   | 0.95                                            |              |         |        |
| 1.9                                                      | 9890                                                    | 730                   | 36300                                                   | 0.80                                            | KH<br>KHF    | 130 H70 | D100M4 |
| 2.2                                                      | 8500                                                    | 629                   | 51800                                                   | 0.95                                            |              |         |        |
| 2.5                                                      | 7620                                                    | 560                   | 54200                                                   | 1.05                                            |              |         |        |
| 2.9                                                      | 6630                                                    | 490                   | 56000                                                   | 1.20                                            |              |         |        |
| 3.3                                                      | 5790                                                    | 428                   | 57400                                                   | 1.40                                            |              |         |        |
| 3.7                                                      | 5190                                                    | 381                   | 58200                                                   | 1.55                                            |              |         |        |
| 4.4                                                      | 4400                                                    | 323                   | 59100                                                   | 1.80                                            |              |         |        |
| 4.8                                                      | 3960                                                    | 291                   | 59500                                                   | 2.0                                             |              |         |        |
| 5.5                                                      | 3460                                                    | 255                   | 60000                                                   | 2.3                                             |              |         |        |
| 6.3                                                      | 3030                                                    | 223                   | 60300                                                   | 2.6                                             |              |         |        |
| 3.8                                                      | 5010                                                    | 369                   | 12100                                                   | 0.85                                            | KH<br>KHF    | 100 H70 | D100M4 |
| 4.4                                                      | 4390                                                    | 323                   | 29000                                                   | 1.00                                            |              |         |        |
| 4.9                                                      | 3860                                                    | 285                   | 31600                                                   | 1.10                                            |              |         |        |
| 5.6                                                      | 3420                                                    | 253                   | 33500                                                   | 1.25                                            |              |         |        |
| 6.6                                                      | 2900                                                    | 214                   | 35300                                                   | 1.50                                            |              |         |        |
| 4.3                                                      | 4480                                                    | 325                   | 28400                                                   | 0.95                                            | KH<br>KHF    | 100 H70 | D100M4 |
| 6.0                                                      | 3170                                                    | 234                   | 11300                                                   | 0.95                                            |              |         |        |
| 6.8                                                      | 2840                                                    | 209                   | 22100                                                   | 1.05                                            | KH<br>KHF    | 90 H50  | D100M4 |
| 3.1                                                      | 6680                                                    | 222.60                | 55900                                                   | 1.20                                            |              |         |        |
| 3.7                                                      | 5660                                                    | 188.45                | 57500                                                   | 1.40                                            | KH<br>KHF    | 130     | D132S8 |
| 4.0                                                      | 5230                                                    | 174.40                | 58100                                                   | 1.55                                            |              |         |        |
| 4.5                                                      | 4690                                                    | 156.31                | 58800                                                   | 1.70                                            |              |         |        |
| 5.0                                                      | 4240                                                    | 141.12                | 59300                                                   | 1.90                                            |              |         |        |
| 5.5                                                      | 3850                                                    | 128.18                | 59600                                                   | 2.1                                             |              |         |        |
| 6.2                                                      | 3410                                                    | 113.72                | 60000                                                   | 2.3                                             | KH<br>KHF    | 130     | D132S8 |
| 6.8                                                      | 3100                                                    | 103.20                | 60300                                                   | 2.6                                             |              |         |        |
| 4.6                                                      | 4540                                                    | 203.16                | 28100                                                   | 0.95                                            | KH<br>KHF    | 100     | D112M6 |
| 5.4                                                      | 3850                                                    | 172.34                | 31700                                                   | 1.10                                            |              |         |        |
| 5.9                                                      | 3550                                                    | 158.68                | 33000                                                   | 1.20                                            |              |         |        |
| 6.6                                                      | 3170                                                    | 141.83                | 34400                                                   | 1.35                                            |              |         |        |

KH..

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model |            |                  |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------|------------|------------------|
| 2.2kW                                                    |                                                         |                       |                                                         |                                                 |              |            |                  |
| 5.6                                                      | 3740                                                    | 251.15                | 32200                                                   | 1.15                                            | KH<br>KHF    | 100<br>100 | D100M4<br>D100M4 |
| 6.1                                                      | 3430                                                    | 229.95                | 33500                                                   | 1.25                                            |              |            |                  |
| 6.9                                                      | 3030                                                    | 203.16                | 34900                                                   | 1.40                                            |              |            |                  |
| 8.2                                                      | 2570                                                    | 172.34                | 36100                                                   | 1.65                                            | KH<br>KHF    | 100<br>100 | D100M4<br>D100M4 |
| 8.9                                                      | 2360                                                    | 158.68                | 36300                                                   | 1.80                                            |              |            |                  |
| 9.9                                                      | 2110                                                    | 141.83                | 36600                                                   | 2.0                                             |              |            |                  |
| 11                                                       | 1900                                                    | 127.68                | 36900                                                   | 2.3                                             |              |            |                  |
| 12                                                       | 1720                                                    | 115.63                | 37000                                                   | 2.5                                             |              |            |                  |
| 14                                                       | 1530                                                    | 102.53                | 37200                                                   | 2.8                                             |              |            |                  |
| 15                                                       | 1380                                                    | 92.70                 | 37300                                                   | 3.1                                             |              |            |                  |
| 6.5                                                      | 3220                                                    | 216.28                | 17030                                                   | 0.95                                            | KH<br>KHF    | 90<br>90   | D100M4<br>D100M4 |
| 7.6                                                      | 2780                                                    | 186.30                | 22500                                                   | 1.10                                            |              |            |                  |
| 8.3                                                      | 2530                                                    | 170.02                | 23900                                                   | 1.20                                            |              |            |                  |
| 9.4                                                      | 2250                                                    | 150.78                | 25300                                                   | 1.35                                            | KH<br>KHF    | 90<br>90   | D100M4<br>D100M4 |
| 11                                                       | 1890                                                    | 126.75                | 26800                                                   | 1.60                                            |              |            |                  |
| 12                                                       | 1740                                                    | 116.48                | 27300                                                   | 1.75                                            |              |            |                  |
| 14                                                       | 1540                                                    | 103.44                | 27600                                                   | 1.95                                            |              |            |                  |
| 15                                                       | 1380                                                    | 92.48                 | 27800                                                   | 2.2                                             |              |            |                  |
| 17                                                       | 1240                                                    | 83.15                 | 28000                                                   | 2.4                                             |              |            |                  |
| 20                                                       | 1080                                                    | 72.17                 | 28200                                                   | 2.8                                             |              |            |                  |
| 22                                                       | 970                                                     | 65.21                 | 27700                                                   | 3.1                                             |              |            |                  |
| 24                                                       | 890                                                     | 59.92                 | 27000                                                   | 3.4                                             |              |            |                  |
| 27                                                       | 795                                                     | 53.21                 | 26100                                                   | 3.8                                             |              |            |                  |
| 30                                                       | 710                                                     | 47.58                 | 25300                                                   | 4.2                                             |              |            |                  |
| 11                                                       | 1860                                                    | 124.97                | 10100                                                   | 0.85                                            | KH<br>KHF    | 80<br>80   | D100M4<br>D100M4 |
| 12                                                       | 1760                                                    | 118.43                | 15200                                                   | 0.90                                            |              |            |                  |
| 14                                                       | 1540                                                    | 103.65                | 17000                                                   | 1.00                                            |              |            |                  |
| 15                                                       | 1390                                                    | 93.38                 | 17900                                                   | 1.10                                            |              |            |                  |
| 17                                                       | 1220                                                    | 81.92                 | 18900                                                   | 1.25                                            |              |            |                  |
| 19                                                       | 1080                                                    | 72.57                 | 19500                                                   | 1.45                                            | KH<br>KHF    | 80<br>80   | D100M4<br>D100M4 |
| 22                                                       | 950                                                     | 63.68                 | 20000                                                   | 1.65                                            |              |            |                  |
| 23                                                       | 900                                                     | 60.35                 | 20000                                                   | 1.70                                            |              |            |                  |
| 27                                                       | 785                                                     | 52.82                 | 20000                                                   | 1.95                                            |              |            |                  |
| 30                                                       | 710                                                     | 47.58                 | 20000                                                   | 2.2                                             |              |            |                  |
| 34                                                       | 620                                                     | 41.74                 | 19900                                                   | 2.5                                             |              |            |                  |
| 38                                                       | 550                                                     | 36.84                 | 19200                                                   | 2.8                                             |              |            |                  |
| 43                                                       | 485                                                     | 32.66                 | 18500                                                   | 3.2                                             |              |            |                  |
| 41                                                       | 515                                                     | 34.40                 | 18800                                                   | 2.9                                             | KH<br>KHF    | 80<br>80   | D100M4<br>D100M4 |
| 45                                                       | 470                                                     | 31.40                 | 18300                                                   | 3.3                                             |              |            |                  |
| 51                                                       | 415                                                     | 27.84                 | 17700                                                   | 3.7                                             |              |            |                  |
| 60                                                       | 350                                                     | 23.40                 | 16800                                                   | 4.4                                             |              |            |                  |
| 66                                                       | 320                                                     | 21.51                 | 16400                                                   | 4.7                                             |              |            |                  |
| 21                                                       | 980                                                     | 65.77                 | 5470                                                    | 0.85                                            | KH<br>KHF    | 70<br>70   | D100M4<br>D100M4 |
| 24                                                       | 860                                                     | 57.68                 | 9540                                                    | 0.95                                            |              |            |                  |
| 27                                                       | 775                                                     | 52.07                 | 10300                                                   | 1.05                                            |              |            |                  |
| 31                                                       | 685                                                     | 45.81                 | 11000                                                   | 1.20                                            |              |            |                  |
| 33                                                       | 645                                                     | 43.26                 | 11300                                                   | 1.25                                            | KH<br>KHF    | 70<br>70   | D100M4<br>D100M4 |
| 38                                                       | 550                                                     | 36.83                 | 11800                                                   | 1.50                                            |              |            |                  |
| 42                                                       | 500                                                     | 33.47                 | 12100                                                   | 1.65                                            |              |            |                  |
| 49                                                       | 430                                                     | 29.00                 | 12100                                                   | 1.90                                            |              |            |                  |
| 56                                                       | 375                                                     | 25.23                 | 11700                                                   | 2.1                                             |              |            |                  |
| 60                                                       | 350                                                     | 23.37                 | 11400                                                   | 2.3                                             | KH<br>KHF    | 70<br>70   | D100M4<br>D100M4 |
| 66                                                       | 320                                                     | 21.43                 | 11200                                                   | 2.6                                             |              |            |                  |
| 75                                                       | 280                                                     | 18.80                 | 10800                                                   | 2.8                                             |              |            |                  |
| 79                                                       | 265                                                     | 17.82                 | 10600                                                   | 2.9                                             |              |            |                  |
| 90                                                       | 230                                                     | 15.60                 | 10200                                                   | 3.2                                             |              |            |                  |
| 100                                                      | 210                                                     | 14.05                 | 9910                                                    | 3.4                                             |              |            |                  |
| 35                                                       | 595                                                     | 39.88                 | 7630                                                    | 1.00                                            | KH<br>KHF    | 60<br>60   | D100M4<br>D100M4 |
| 38                                                       | 560                                                     | 37.50                 | 8020                                                    | 1.00                                            |              |            |                  |
| 44                                                       | 480                                                     | 32.27                 | 8750                                                    | 1.10                                            |              |            |                  |
| 49                                                       | 430                                                     | 28.83                 | 9140                                                    | 1.20                                            |              |            |                  |



| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model                   |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------------------------|
| <b>2.2kW</b>                                             |                                                         |                       |                                                         |                                                 |                                |
| 140                                                      | 151                                                     | 10.11                 | 2360                                                    | 1.15                                            | KH 30 D100M4<br>KHF 30 D100M4  |
| 149                                                      | 141                                                     | 9.47                  | 2480                                                    | 1.20                                            |                                |
| 177                                                      | 119                                                     | 7.97                  | 2750                                                    | 1.30                                            |                                |
| 211                                                      | 99                                                      | 6.67                  | 2470                                                    | 1.45                                            |                                |
| 249                                                      | 84                                                      | 5.67                  | 2570                                                    | 1.70                                            |                                |
| 279                                                      | 75                                                      | 5.06                  | 2500                                                    | 1.80                                            |                                |
| 326                                                      | 64                                                      | 4.32                  | 2410                                                    | 1.95                                            |                                |
| 348                                                      | 60                                                      | 4.05                  | 2370                                                    | 2.0                                             |                                |
| 414                                                      | 51                                                      | 3.41                  | 2270                                                    | 2.2                                             |                                |
| 141                                                      | 149                                                     | 19.31                 | 2380                                                    | 1.35                                            | KH 30 D90L2<br>KHF 30 D90L2    |
| 151                                                      | 139                                                     | 18.05                 | 2510                                                    | 1.45                                            |                                |
| 175                                                      | 120                                                     | 15.60                 | 2740                                                    | 1.65                                            |                                |
| 206                                                      | 102                                                     | 13.25                 | 2720                                                    | 1.85                                            | KH 30 D90L2<br>KHF 30 D90L2    |
| 231                                                      | 91                                                      | 11.83                 | 2650                                                    | 2.0                                             |                                |
| 270                                                      | 78                                                      | 10.11                 | 2550                                                    | 2.2                                             |                                |
| 288                                                      | 73                                                      | 9.47                  | 2510                                                    | 2.3                                             |                                |
| 342                                                      | 61                                                      | 7.97                  | 2410                                                    | 2.5                                             |                                |
| 409                                                      | 51                                                      | 6.67                  | 2280                                                    | 2.8                                             |                                |
| 482                                                      | 44                                                      | 5.67                  | 2180                                                    | 3.3                                             |                                |
| 540                                                      | 39                                                      | 5.06                  | 2120                                                    | 3.5                                             |                                |
| 632                                                      | 33                                                      | 4.32                  | 2030                                                    | 3.8                                             |                                |
| 675                                                      | 31                                                      | 4.05                  | 1990                                                    | 3.9                                             |                                |
| 801                                                      | 26                                                      | 3.41                  | 1900                                                    | 4.3                                             |                                |
| 139                                                      | 151                                                     | 10.13                 | 1120                                                    | 0.80                                            | KH 20 D100M4<br>KHF 20 D100M4  |
| 214                                                      | 98                                                      | 6.59                  | 1130                                                    | 1.10                                            |                                |
| 252                                                      | 83                                                      | 5.60                  | 1390                                                    | 1.20                                            |                                |
| 282                                                      | 75                                                      | 5.00                  | 1540                                                    | 1.30                                            |                                |
| 330                                                      | 64                                                      | 4.27                  | 1540                                                    | 1.35                                            |                                |
| 353                                                      | 60                                                      | 4.00                  | 1520                                                    | 1.45                                            |                                |
| 418                                                      | 50                                                      | 3.37                  | 1470                                                    | 1.55                                            |                                |
| 206                                                      | 102                                                     | 13.28                 | 1720                                                    | 1.25                                            | KH 20 D90L2<br>KHF 20 D90L2    |
| 230                                                      | 91                                                      | 11.86                 | 1690                                                    | 1.40                                            |                                |
| 270                                                      | 78                                                      | 10.13                 | 1650                                                    | 1.55                                            |                                |
| 335                                                      | 63                                                      | 8.16                  | 1530                                                    | 1.85                                            |                                |
| 358                                                      | 59                                                      | 7.63                  | 1510                                                    | 1.90                                            |                                |
| 414                                                      | 51                                                      | 6.59                  | 1470                                                    | 2.1                                             |                                |
| 488                                                      | 43                                                      | 5.60                  | 1420                                                    | 2.3                                             |                                |
| 546                                                      | 39                                                      | 5.00                  | 1390                                                    | 2.5                                             |                                |
| 639                                                      | 33                                                      | 4.27                  | 1340                                                    | 2.6                                             |                                |
| 683                                                      | 31                                                      | 4.00                  | 1310                                                    | 2.8                                             |                                |
| 810                                                      | 26                                                      | 3.37                  | 1260                                                    | 3.0                                             |                                |
| 298                                                      | 70                                                      | 4.73                  | 5180                                                    | 1.75                                            | KH 70 D100M4<br>KHXF 70 D100M4 |
| 349                                                      | 60                                                      | 4.04                  | 4950                                                    | 2.4                                             |                                |
| 381                                                      | 55                                                      | 3.70                  | 4820                                                    | 2.8                                             |                                |
| 434                                                      | 48                                                      | 3.25                  | 4640                                                    | 3.8                                             |                                |
| 458                                                      | 46                                                      | 3.08                  | 4560                                                    | 4.2                                             |                                |
| 523                                                      | 40                                                      | 2.70                  | 4380                                                    | 5.3                                             |                                |
| 581                                                      | 36                                                      | 2.43                  | 4250                                                    | 5.9                                             |                                |
| 662                                                      | 32                                                      | 2.13                  | 4080                                                    | 6.3                                             |                                |
| 750                                                      | 28                                                      | 1.88                  | 3920                                                    | 6.7                                             |                                |
| 846                                                      | 25                                                      | 1.67                  | 3780                                                    | 7.0                                             |                                |
| 991                                                      | 21                                                      | 1.42                  | 3590                                                    | 7.3                                             |                                |
| 374                                                      | 56                                                      | 3.77                  | 3280                                                    | 1.55                                            | KH 60 D100M4<br>KHXF 60 D100M4 |
| 441                                                      | 48                                                      | 3.20                  | 3130                                                    | 2.1                                             |                                |
| 488                                                      | 43                                                      | 2.89                  | 3050                                                    | 2.5                                             |                                |
| 555                                                      | 38                                                      | 2.54                  | 2940                                                    | 3.1                                             |                                |
| 588                                                      | 36                                                      | 2.40                  | 2890                                                    | 3.4                                             |                                |
| 690                                                      | 30                                                      | 2.04                  | 2760                                                    | 4.4                                             |                                |
| 759                                                      | 28                                                      | 1.86                  | 2680                                                    | 4.6                                             |                                |
| 876                                                      | 24                                                      | 1.61                  | 2570                                                    | 4.8                                             |                                |
| 1005                                                     | 21                                                      | 1.40                  | 2460                                                    | 5.0                                             |                                |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model                            |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|-----------------------------------------|
| <b>2.2kW</b>                                             |                                                         |                       |                                                         |                                                 |                                         |
| 450                                                      | 47                                                      | 3.14                  | 2450                                                    | 1.40                                            | KH 50 D100M4<br>KHXF 50 D100M4          |
| 534                                                      | 39                                                      | 2.64                  | 2340                                                    | 1.75                                            |                                         |
| 595                                                      | 35                                                      | 2.37                  | 2280                                                    | 1.95                                            |                                         |
| 691                                                      | 30                                                      | 2.04                  | 2190                                                    | 2.3                                             |                                         |
| 734                                                      | 29                                                      | 1.92                  | 2150                                                    | 2.4                                             |                                         |
| 853                                                      | 25                                                      | 1.65                  | 2060                                                    | 2.8                                             |                                         |
| 955                                                      | 22                                                      | 1.48                  | 1990                                                    | 3.1                                             |                                         |
| 1080                                                     | 19                                                      | 1.30                  | 1930                                                    | 3.2                                             |                                         |
| 1.2                                                      | 20900                                                   | 1123                  | 120000                                                  | 0.85                                            | KH 160 H90 D100L4<br>KHF 160 H90 D100L4 |
| 1.4                                                      | 18600                                                   | 999                   | 120000                                                  | 0.95                                            |                                         |
| 1.6                                                      | 16000                                                   | 861                   | 120000                                                  | 1.10                                            |                                         |
| 1.8                                                      | 14200                                                   | 760                   | 120000                                                  | 1.25                                            |                                         |
| 2.1                                                      | 12100                                                   | 656                   | 120000                                                  | 1.50                                            |                                         |
| 2.8                                                      | 9280                                                    | 503                   | 120000                                                  | 1.95                                            | KH 140 H80 D100L4<br>KHF 140 H80 D100L4 |
| 2.6                                                      | 9880                                                    | 533                   | 68000                                                   | 1.30                                            |                                         |
| 3.0                                                      | 8540                                                    | 462                   | 69700                                                   | 1.50                                            |                                         |
| 3.3                                                      | 7940                                                    | 426                   | 70400                                                   | 1.65                                            |                                         |
| 3.8                                                      | 6860                                                    | 368                   | 71500                                                   | 1.90                                            |                                         |
| 4.3                                                      | 6070                                                    | 326                   | 72200                                                   | 2.1                                             |                                         |
| 5.0                                                      | 5180                                                    | 280                   | 72800                                                   | 2.5                                             |                                         |
| 1.6                                                      | 16600                                                   | 889                   | 26300                                                   | 0.80                                            | KH 140 H70 D100L4<br>KHF 140 H70 D100L4 |
| 1.8                                                      | 14700                                                   | 784                   | 54500                                                   | 0.90                                            |                                         |
| 2.0                                                      | 13000                                                   | 695                   | 62700                                                   | 1.00                                            |                                         |
| 2.3                                                      | 11600                                                   | 619                   | 65200                                                   | 1.10                                            |                                         |
| 2.5                                                      | 10500                                                   | 558                   | 67100                                                   | 1.25                                            |                                         |
| 2.8                                                      | 9160                                                    | 490                   | 48800                                                   | 0.85                                            | KH 130 H70 D100L4<br>KHF 130 H70 D100L4 |
| 3.3                                                      | 7990                                                    | 428                   | 53400                                                   | 1.00                                            |                                         |
| 3.7                                                      | 7150                                                    | 381                   | 55100                                                   | 1.10                                            |                                         |
| 4.3                                                      | 6070                                                    | 323                   | 56900                                                   | 1.30                                            |                                         |
| 4.8                                                      | 5460                                                    | 291                   | 57800                                                   | 1.45                                            |                                         |
| 5.5                                                      | 4770                                                    | 255                   | 58700                                                   | 1.70                                            |                                         |
| 6.3                                                      | 4180                                                    | 223                   | 59300                                                   | 1.90                                            |                                         |
| 2.7                                                      | 9870                                                    | 517                   | 36800                                                   | 0.80                                            | KH 130 H70 D100L4<br>KHF 130 H70 D100L4 |
| 3.1                                                      | 8650                                                    | 453                   | 51200                                                   | 0.95                                            |                                         |
| 5.5                                                      | 4730                                                    | 253                   | 25800                                                   | 0.90                                            | KH 100 H70 D100L4<br>KHF 100 H70 D100L4 |
| 6.5                                                      | 4010                                                    | 214                   | 31000                                                   | 1.05                                            |                                         |
| 7.5                                                      | 3500                                                    | 187                   | 33200                                                   | 1.25                                            |                                         |
| 5.5                                                      | 4930                                                    | 256                   | 17400                                                   | 0.85                                            | KH 100 H70 D100L4<br>KHF 100 H70 D100L4 |
| 3.2                                                      | 8860                                                    | 222.60                | 50300                                                   | 0.90                                            |                                         |
| 3.8                                                      | 7500                                                    | 188.45                | 54400                                                   | 1.05                                            | KH 130 D132M8<br>KHF 130 D132M8         |
| 4.1                                                      | 6940                                                    | 174.40                | 55500                                                   | 1.15                                            |                                         |
| 4.6                                                      | 6220                                                    | 156.31                | 56700                                                   | 1.30                                            |                                         |
| 5.1                                                      | 5620                                                    | 141.12                | 57600                                                   | 1.40                                            |                                         |
| 5.6                                                      | 5100                                                    | 128.18                | 58300                                                   | 1.55                                            | KH 130 D132M8<br>KHF 130 D132M8         |
| 6.3                                                      | 4520                                                    | 113.72                | 59000                                                   | 1.75                                            |                                         |
| 7.0                                                      | 4110                                                    | 103.20                | 59400                                                   | 1.95                                            |                                         |
| 8.1                                                      | 3530                                                    | 88.70                 | 59900                                                   | 2.3                                             |                                         |
| 4.2                                                      | 6780                                                    | 222.60                | 55800                                                   | 1.20                                            | KH 130 D132S6<br>KHF 130 D132S6         |
| 5.0                                                      | 5740                                                    | 188.45                | 57400                                                   | 1.40                                            |                                         |
| 5.4                                                      | 5320                                                    | 174.40                | 58000                                                   | 1.50                                            |                                         |
| 6.0                                                      | 4760                                                    | 156.31                | 58700                                                   | 1.70                                            |                                         |
| 6.7                                                      | 4300                                                    | 141.12                | 59200                                                   | 1.85                                            |                                         |
| 7.3                                                      | 3910                                                    | 128.18                | 59600                                                   | 2.0                                             | KH 130 D132S6<br>KHF 130 D132S6         |
| 8.3                                                      | 3470                                                    | 113.72                | 60000                                                   | 2.3                                             |                                         |
| 9.1                                                      | 3150                                                    | 103.20                | 60200                                                   | 2.5                                             |                                         |
| 5.9                                                      | 4840                                                    | 158.68                | 21600                                                   | 0.90                                            | KH 100 D132S6<br>KHF 100 D132S6         |
| 6.6                                                      | 4320                                                    | 141.83                | 29300                                                   | 1.00                                            |                                         |
| 7.4                                                      | 3890                                                    | 127.68                | 31500                                                   | 1.10                                            |                                         |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model                    |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|---------------------------------|
| <b>3.0kW</b>                                             |                                                         |                       |                                                         |                                                 |                                 |
| 6.1                                                      | 4710                                                    | 229.95                | 26500                                                   | 0.90                                            | KH 100 D100L4<br>KHF 100 D100L4 |
| 6.9                                                      | 4160                                                    | 203.16                | 30200                                                   | 1.05                                            |                                 |
| 8.1                                                      | 3530                                                    | 172.34                | 33100                                                   | 1.20                                            |                                 |
| 8.8                                                      | 3250                                                    | 158.68                | 34100                                                   | 1.30                                            |                                 |
| 9.9                                                      | 2900                                                    | 141.83                | 35300                                                   | 1.50                                            |                                 |
| 11                                                       | 2610                                                    | 127.68                | 36000                                                   | 1.65                                            |                                 |
| 12                                                       | 2370                                                    | 115.63                | 36300                                                   | 1.80                                            |                                 |
| 14                                                       | 2100                                                    | 102.53                | 36700                                                   | 2.0                                             |                                 |
| 15                                                       | 1900                                                    | 92.70                 | 36900                                                   | 2.3                                             |                                 |
| 18                                                       | 1610                                                    | 78.57                 | 35900                                                   | 2.7                                             |                                 |
| 19                                                       | 1490                                                    | 72.88                 | 35200                                                   | 2.9                                             |                                 |
| 9.3                                                      | 3090                                                    | 150.78                | 16200                                                   | 0.95                                            | KH 90 D100L4<br>KHF 90 D100L4   |
| 11                                                       | 2590                                                    | 126.75                | 23600                                                   | 1.15                                            |                                 |
| 12                                                       | 2380                                                    | 116.48                | 24700                                                   | 1.25                                            |                                 |
| 14                                                       | 2120                                                    | 103.44                | 25900                                                   | 1.40                                            |                                 |
| 15                                                       | 1890                                                    | 92.48                 | 26800                                                   | 1.60                                            |                                 |
| 17                                                       | 1700                                                    | 83.15                 | 27300                                                   | 1.75                                            |                                 |
| 19                                                       | 1480                                                    | 72.17                 | 27700                                                   | 2.0                                             |                                 |
| 21                                                       | 1330                                                    | 65.21                 | 27000                                                   | 2.2                                             |                                 |
| 23                                                       | 1230                                                    | 59.92                 | 26400                                                   | 2.5                                             |                                 |
| 26                                                       | 1090                                                    | 53.21                 | 25600                                                   | 2.8                                             |                                 |
| 29                                                       | 970                                                     | 47.58                 | 24800                                                   | 3.1                                             | KH 80 D100L4<br>KHF 80 D100L4   |
| 33                                                       | 880                                                     | 42.78                 | 24000                                                   | 3.4                                             |                                 |
| 38                                                       | 760                                                     | 37.13                 | 23100                                                   | 4.0                                             |                                 |
| 42                                                       | 680                                                     | 33.25                 | 22400                                                   | 4.2                                             |                                 |
| 15                                                       | 1910                                                    | 93.38                 | 13630                                                   | 0.80                                            | KH 80 D100L4<br>KHF 80 D100L4   |
| 17                                                       | 1680                                                    | 81.92                 | 16000                                                   | 0.90                                            |                                 |
| 19                                                       | 1490                                                    | 72.57                 | 17400                                                   | 1.05                                            |                                 |
| 22                                                       | 1300                                                    | 63.68                 | 18400                                                   | 1.20                                            |                                 |
| 23                                                       | 1230                                                    | 60.35                 | 18800                                                   | 1.25                                            | KH 80 D100L4<br>KHF 80 D100L4   |
| 27                                                       | 1080                                                    | 52.82                 | 19500                                                   | 1.45                                            |                                 |
| 29                                                       | 970                                                     | 47.58                 | 19900                                                   | 1.60                                            |                                 |
| 34                                                       | 850                                                     | 41.74                 | 19400                                                   | 1.80                                            |                                 |
| 38                                                       | 755                                                     | 36.84                 | 18700                                                   | 2.1                                             |                                 |
| 43                                                       | 670                                                     | 32.66                 | 18100                                                   | 2.3                                             |                                 |
| 50                                                       | 570                                                     | 27.88                 | 17400                                                   | 2.6                                             |                                 |
| 41                                                       | 705                                                     | 34.40                 | 18400                                                   | 2.1                                             | KH 80 D100L4<br>KHF 80 D100L4   |
| 45                                                       | 640                                                     | 31.40                 | 17900                                                   | 2.4                                             |                                 |
| 50                                                       | 570                                                     | 27.84                 | 17400                                                   | 2.7                                             |                                 |
| 60                                                       | 480                                                     | 23.40                 | 16500                                                   | 3.2                                             |                                 |
| 65                                                       | 440                                                     | 21.51                 | 16100                                                   | 3.4                                             |                                 |
| 73                                                       | 390                                                     | 19.10                 | 15600                                                   | 3.7                                             |                                 |
| 82                                                       | 350                                                     | 17.08                 | 15100                                                   | 4.0                                             |                                 |
| 91                                                       | 315                                                     | 15.35                 | 14600                                                   | 4.3                                             |                                 |
| 31                                                       | 940                                                     | 45.81                 | 8670                                                    | 0.85                                            | KH 70 D100L4<br>KHF 70 D100L4   |
| 32                                                       | 890                                                     | 43.26                 | 9270                                                    | 0.95                                            |                                 |
| 38                                                       | 755                                                     | 36.83                 | 10500                                                   | 1.10                                            |                                 |
| 42                                                       | 685                                                     | 33.47                 | 11000                                                   | 1.20                                            |                                 |
| 48                                                       | 595                                                     | 29.00                 | 11600                                                   | 1.40                                            | KH 70 D100L4<br>KHF 70 D100L4   |
| 55                                                       | 515                                                     | 25.23                 | 11300                                                   | 1.50                                            |                                 |
| 60                                                       | 480                                                     | 23.37                 | 11100                                                   | 1.70                                            | KH 70 D100L4<br>KHF 70 D100L4   |
| 65                                                       | 440                                                     | 21.43                 | 10800                                                   | 1.85                                            |                                 |
| 74                                                       | 385                                                     | 18.80                 | 10500                                                   | 2.0                                             |                                 |
| 79                                                       | 365                                                     | 17.82                 | 10300                                                   | 2.1                                             |                                 |
| 90                                                       | 320                                                     | 15.60                 | 9980                                                    | 2.3                                             |                                 |
| 100                                                      | 290                                                     | 14.05                 | 9700                                                    | 2.5                                             |                                 |
| 114                                                      | 250                                                     | 12.33                 | 9350                                                    | 2.7                                             |                                 |
| 129                                                      | 225                                                     | 10.88                 | 9030                                                    | 3.0                                             |                                 |
| 145                                                      | 197                                                     | 9.64                  | 8720                                                    | 3.2                                             |                                 |
| 163                                                      | 176                                                     | 8.59                  | 8500                                                    | 3.6                                             |                                 |
| 181                                                      | 158                                                     | 7.74                  | 8240                                                    | 3.8                                             | KH 70 D100L4<br>KHF 70 D100L4   |
| 206                                                      | 139                                                     | 6.79                  | 7920                                                    | 4.2                                             |                                 |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model      |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|-------------------|
| <b>3.0kW</b>                                             |                                                         |                       |                                                         |                                                 |                   |
| 60                                                       | 480                                                     | 23.44                 | 8730                                                    | 1.15                                            | KH 60 D100L4<br>K |



KH..

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model                                       |                                                                        |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------|
| 3.0kW                                                    |                                                         |                       |                                                         |                                                 |                                                    |                                                                        |
| 277                                                      | 103                                                     | 10.11                 | 2340                                                    | 1.65                                            | KH<br>KHF                                          | 30<br>30<br>D100M2<br>D100M2                                           |
| 296                                                      | 97                                                      | 9.47                  | 2380                                                    | 1.70                                            |                                                    |                                                                        |
| 351                                                      | 82                                                      | 7.97                  | 2290                                                    | 1.90                                            |                                                    |                                                                        |
| 420                                                      | 68                                                      | 6.67                  | 2170                                                    | 2.1                                             |                                                    |                                                                        |
| 494                                                      | 58                                                      | 5.67                  | 2090                                                    | 2.5                                             |                                                    |                                                                        |
| 553                                                      | 52                                                      | 5.06                  | 2030                                                    | 2.6                                             |                                                    |                                                                        |
| 648                                                      | 44                                                      | 4.32                  | 1950                                                    | 2.8                                             |                                                    |                                                                        |
| 692                                                      | 41                                                      | 4.05                  | 1920                                                    | 3.0                                             |                                                    |                                                                        |
| 821                                                      | 35                                                      | 3.41                  | 1840                                                    | 3.2                                             |                                                    |                                                                        |
| 250                                                      | 115                                                     | 5.60                  | 360                                                     | 0.85                                            | KH<br>KHF                                          | 20<br>20<br>D100L4<br>D100L4                                           |
| 280                                                      | 102                                                     | 5.00                  | 615                                                     | 0.95                                            |                                                    |                                                                        |
| 328                                                      | 87                                                      | 4.27                  | 910                                                     | 1.00                                            |                                                    |                                                                        |
| 350                                                      | 82                                                      | 4.00                  | 1010                                                    | 1.05                                            |                                                    |                                                                        |
| 415                                                      | 69                                                      | 3.37                  | 1230                                                    | 1.15                                            |                                                    |                                                                        |
| 425                                                      | 67                                                      | 6.59                  | 1260                                                    | 1.55                                            | KH<br>KHF                                          | 20<br>20<br>D100M2<br>D100M2                                           |
| 500                                                      | 57                                                      | 5.60                  | 1330                                                    | 1.75                                            |                                                    |                                                                        |
| 560                                                      | 51                                                      | 5.00                  | 1300                                                    | 1.85                                            |                                                    |                                                                        |
| 656                                                      | 44                                                      | 4.27                  | 1260                                                    | 2.0                                             |                                                    |                                                                        |
| 700                                                      | 41                                                      | 4.00                  | 1240                                                    | 2.1                                             |                                                    |                                                                        |
| 831                                                      | 35                                                      | 3.37                  | 1200                                                    | 2.3                                             |                                                    |                                                                        |
| 217                                                      | 132                                                     | 6.45                  | 7130                                                    | 1.45                                            | KH<br>KH<br>KH<br>KH<br>KH                         | 80<br>80<br>80<br>80<br>80<br>D100L4<br>D100L4                         |
| 252                                                      | 114                                                     | 5.56                  | 6830                                                    | 2.0                                             |                                                    |                                                                        |
| 276                                                      | 104                                                     | 5.07                  | 6650                                                    | 2.4                                             |                                                    |                                                                        |
| 311                                                      | 92                                                      | 4.50                  | 6430                                                    | 3.2                                             |                                                    |                                                                        |
| 370                                                      | 77                                                      | 3.78                  | 6100                                                    | 3.9                                             |                                                    |                                                                        |
| 296                                                      | 97                                                      | 4.73                  | 5050                                                    | 1.25                                            | KH<br>KH<br>KH<br>KH<br>KH                         | 70<br>70<br>70<br>70<br>70<br>D100L4<br>D100L4                         |
| 347                                                      | 83                                                      | 4.04                  | 4830                                                    | 1.75                                            |                                                    |                                                                        |
| 378                                                      | 76                                                      | 3.70                  | 4720                                                    | 2.0                                             |                                                    |                                                                        |
| 431                                                      | 67                                                      | 3.25                  | 4550                                                    | 2.7                                             |                                                    |                                                                        |
| 455                                                      | 63                                                      | 3.08                  | 4480                                                    | 3.1                                             |                                                    |                                                                        |
| 371                                                      | 77                                                      | 3.77                  | 3150                                                    | 1.15                                            | KH<br>KH<br>KH<br>KH<br>KH<br>KH<br>KH<br>KH<br>KH | 60<br>60<br>60<br>60<br>60<br>60<br>60<br>60<br>60<br>D100L4<br>D100L4 |
| 438                                                      | 66                                                      | 3.20                  | 3030                                                    | 1.55                                            |                                                    |                                                                        |
| 485                                                      | 59                                                      | 2.89                  | 2950                                                    | 1.80                                            |                                                    |                                                                        |
| 551                                                      | 52                                                      | 2.54                  | 2850                                                    | 2.3                                             |                                                    |                                                                        |
| 583                                                      | 49                                                      | 2.40                  | 2810                                                    | 2.5                                             |                                                    |                                                                        |
| 685                                                      | 42                                                      | 2.04                  | 2690                                                    | 3.2                                             |                                                    |                                                                        |
| 754                                                      | 38                                                      | 1.86                  | 2610                                                    | 3.3                                             |                                                    |                                                                        |
| 870                                                      | 33                                                      | 1.61                  | 2510                                                    | 3.5                                             |                                                    |                                                                        |
| 1000                                                     | 29                                                      | 1.40                  | 2410                                                    | 3.6                                             |                                                    |                                                                        |
| 446                                                      | 64                                                      | 3.14                  | 2330                                                    | 1.00                                            | KH<br>KH<br>KH<br>KH<br>KH<br>KH<br>KH<br>KH<br>KH | 50<br>50<br>50<br>50<br>50<br>50<br>50<br>50<br>50<br>D100L4<br>D100L4 |
| 530                                                      | 54                                                      | 2.64                  | 2240                                                    | 1.30                                            |                                                    |                                                                        |
| 591                                                      | 49                                                      | 2.37                  | 2180                                                    | 1.40                                            |                                                    |                                                                        |
| 686                                                      | 42                                                      | 2.04                  | 2100                                                    | 1.65                                            |                                                    |                                                                        |
| 729                                                      | 39                                                      | 1.92                  | 2070                                                    | 1.75                                            |                                                    |                                                                        |
| 847                                                      | 34                                                      | 1.65                  | 1990                                                    | 2.0                                             |                                                    |                                                                        |
| 948                                                      | 30                                                      | 1.48                  | 1930                                                    | 2.2                                             |                                                    |                                                                        |
| 1075                                                     | 27                                                      | 1.30                  | 1870                                                    | 2.4                                             |                                                    |                                                                        |
| 4.0kW                                                    |                                                         |                       |                                                         |                                                 |                                                    |                                                                        |
| 1.6                                                      | 21200                                                   | 861                   | 120000                                                  | 0.85                                            | KH<br>KHF                                          | 160 H90 D112M4<br>160 H90 D112M4                                       |
| 1.9                                                      | 18700                                                   | 760                   | 120000                                                  | 0.95                                            |                                                    |                                                                        |
| 2.2                                                      | 16000                                                   | 656                   | 120000                                                  | 1.10                                            |                                                    |                                                                        |
| 2.8                                                      | 12300                                                   | 503                   | 120000                                                  | 1.45                                            |                                                    |                                                                        |
| 3.8                                                      | 9190                                                    | 376                   | 120000                                                  | 1.95                                            |                                                    |                                                                        |
| 4.2                                                      | 8180                                                    | 335                   | 120000                                                  | 2.2                                             |                                                    |                                                                        |
| 2.7                                                      | 13100                                                   | 533                   | 62500                                                   | 1.00                                            | KH<br>KHF                                          | 140 H80 D112M4<br>140 H80 D112M4                                       |
| 3.1                                                      | 11300                                                   | 462                   | 65800                                                   | 1.15                                            |                                                    |                                                                        |
| 3.3                                                      | 10500                                                   | 426                   | 67100                                                   | 1.25                                            |                                                    |                                                                        |
| 3.8                                                      | 9060                                                    | 368                   | 69100                                                   | 1.45                                            |                                                    |                                                                        |
| 4.4                                                      | 8010                                                    | 326                   | 70300                                                   | 1.60                                            |                                                    |                                                                        |
| 5.1                                                      | 6850                                                    | 280                   | 71500                                                   | 1.90                                            |                                                    |                                                                        |
| 5.7                                                      | 6050                                                    | 247                   | 72200                                                   | 2.2                                             |                                                    |                                                                        |
| 6.7                                                      | 5220                                                    | 214                   | 72800                                                   | 2.5                                             |                                                    |                                                                        |
| 7.5                                                      | 4620                                                    | 189                   | 73200                                                   | 2.8                                             |                                                    |                                                                        |
| 8.9                                                      | 3880                                                    | 159                   | 73600                                                   | 3.3                                             |                                                    |                                                                        |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model                            |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|-----------------------------------------|
| 4.0kW                                                    |                                                         |                       |                                                         |                                                 |                                         |
| 2.3                                                      | 15300                                                   | 619                   | 46300                                                   | 0.85                                            | KH 140 H70 D112M4<br>KHF 140 H70 D112M4 |
| 2.5                                                      | 13800                                                   | 558                   | 61000                                                   | 0.95                                            |                                         |
| 2.9                                                      | 12100                                                   | 489                   | 64400                                                   | 1.10                                            |                                         |
| 3.4                                                      | 10200                                                   | 415                   | 67400                                                   | 1.25                                            |                                         |
| 3.7                                                      | 9430                                                    | 381                   | 45400                                                   | 0.85                                            |                                         |
| 4.4                                                      | 8000                                                    | 323                   | 53400                                                   | 1.00                                            | KH 130 H70 D112M4<br>KHF 130 H70 D112M4 |
| 4.9                                                      | 7200                                                    | 291                   | 55000                                                   | 1.10                                            |                                         |
| 5.6                                                      | 6290                                                    | 255                   | 56600                                                   | 1.25                                            |                                         |
| 6.3                                                      | 5520                                                    | 223                   | 57700                                                   | 1.45                                            |                                         |
| 3.8                                                      | 9440                                                    | 376                   | 45200                                                   | 0.85                                            | KH 130 H70 D112M4<br>KHF 130 H70 D112M4 |
| 4.2                                                      | 8500                                                    | 339                   | 51800                                                   | 0.95                                            |                                         |
| 4.8                                                      | 7450                                                    | 297                   | 54500                                                   | 1.05                                            |                                         |
| 7.6                                                      | 4620                                                    | 187                   | 27600                                                   | 0.95                                            | KH 100 H70 D112M4<br>KHF 100 H70 D112M4 |
| 7.3                                                      | 4840                                                    | 193                   | 21400                                                   | 0.90                                            |                                         |
| 8.2                                                      | 4330                                                    | 172                   | 29300                                                   | 1.00                                            | KH 100 H70 D112M4<br>KHF 100 H70 D112M4 |
| 4.4                                                      | 8660                                                    | 163.31                | 69500                                                   | 1.50                                            |                                         |
| 4.9                                                      | 7790                                                    | 146.91                | 70500                                                   | 1.65                                            | KH 140 D132ML8<br>KHF 140 D132ML8       |
| 6.0                                                      | 6360                                                    | 119.86                | 71900                                                   | 2.0                                             |                                         |
| 6.6                                                      | 5800                                                    | 109.31                | 72400                                                   | 2.2                                             |                                         |
| 4.1                                                      | 9250                                                    | 174.40                | 48400                                                   | 0.85                                            | KH 130 D132ML8<br>KHF 130 D132ML8       |
| 4.6                                                      | 8290                                                    | 156.31                | 52700                                                   | 0.95                                            |                                         |
| 5.1                                                      | 7490                                                    | 141.12                | 54400                                                   | 1.05                                            |                                         |
| 5.6                                                      | 6800                                                    | 128.18                | 55700                                                   | 1.20                                            |                                         |
| 6.3                                                      | 6030                                                    | 113.72                | 57000                                                   | 1.35                                            |                                         |
| 7.0                                                      | 5470                                                    | 103.20                | 57800                                                   | 1.45                                            |                                         |
| 4.3                                                      | 8860                                                    | 222.60                | 50300                                                   | 0.90                                            | KH 130 D132M6<br>KHF 130 D132M6         |
| 5.1                                                      | 7500                                                    | 188.45                | 54400                                                   | 1.05                                            |                                         |
| 5.5                                                      | 6940                                                    | 174.40                | 55500                                                   | 1.15                                            |                                         |
| 6.1                                                      | 6220                                                    | 156.31                | 56700                                                   | 1.30                                            |                                         |
| 6.8                                                      | 5620                                                    | 141.12                | 57600                                                   | 1.40                                            |                                         |
| 7.5                                                      | 5100                                                    | 128.18                | 58300                                                   | 1.55                                            |                                         |
| 8.4                                                      | 4520                                                    | 113.72                | 59000                                                   | 1.75                                            | KH 130 D132M6<br>KHF 130 D132M6         |
| 9.3                                                      | 4110                                                    | 103.20                | 59400                                                   | 1.95                                            |                                         |
| 11                                                       | 3530                                                    | 88.70                 | 59900                                                   | 2.3                                             |                                         |
| 8.2                                                      | 4640                                                    | 172.34                | 27500                                                   | 0.95                                            | KH 100 D112M4<br>KHF 100 D112M4         |
| 8.9                                                      | 4270                                                    | 158.68                | 29600                                                   | 1.05                                            |                                         |
| 10                                                       | 3820                                                    | 141.83                | 31900                                                   | 1.15                                            |                                         |
| 11                                                       | 3430                                                    | 127.68                | 33400                                                   | 1.25                                            |                                         |
| 12                                                       | 3110                                                    | 115.63                | 34600                                                   | 1.40                                            |                                         |
| 14                                                       | 2760                                                    | 102.53                | 35700                                                   | 1.55                                            |                                         |
| 15                                                       | 2490                                                    | 92.70                 | 36200                                                   | 1.70                                            |                                         |
| 18                                                       | 2110                                                    | 78.57                 | 34900                                                   | 2.0                                             |                                         |
| 19                                                       | 1960                                                    | 72.88                 | 34200                                                   | 2.2                                             |                                         |
| 22                                                       | 1760                                                    | 65.60                 | 33200                                                   | 2.4                                             |                                         |
| 24                                                       | 1600                                                    | 59.41                 | 32300                                                   | 2.7                                             |                                         |
| 27                                                       | 1420                                                    | 52.68                 | 31300                                                   | 3.0                                             |                                         |
| 12                                                       | 3130                                                    | 116.48                | 13800                                                   | 0.95                                            | KH 90 D112M4<br>KHF 90 D112M4           |
| 14                                                       | 2780                                                    | 103.44                | 22400                                                   | 1.10                                            |                                         |
| 15                                                       | 2490                                                    | 92.48                 | 24100                                                   | 1.20                                            |                                         |
| 17                                                       | 2240                                                    | 83.15                 | 25400                                                   | 1.35                                            |                                         |
| 20                                                       | 1940                                                    | 72.17                 | 26600                                                   | 1.55                                            |                                         |
| 22                                                       | 1750                                                    | 65.21                 | 26000                                                   | 1.70                                            |                                         |
| 24                                                       | 1610                                                    | 59.92                 | 25500                                                   | 1.85                                            |                                         |
| 27                                                       | 1430                                                    | 53.21                 | 24700                                                   | 2.1                                             |                                         |
| 30                                                       | 1280                                                    | 47.58                 | 24000                                                   | 2.3                                             |                                         |
| 33                                                       | 1150                                                    | 42.78                 | 23400                                                   | 2.6                                             |                                         |
| 38                                                       | 1000                                                    | 37.13                 | 22500                                                   | 3.0                                             |                                         |
| 43                                                       | 890                                                     | 33.25                 | 21800                                                   | 3.2                                             |                                         |
| 44                                                       | 860                                                     | 32.05                 | 21600                                                   | 3.0                                             | KH 90 D112M4<br>KHF 90 D112M4           |
| 52                                                       | 730                                                     | 27.19                 | 20600                                                   | 3.5                                             |                                         |
| 57                                                       | 675                                                     | 25.03                 | 20100                                                   | 4.2                                             |                                         |
| 63                                                       | 600                                                     | 22.37                 | 19500                                                   | 4.5                                             |                                         |
| 71                                                       | 540                                                     | 20.14                 | 18900                                                   | 4.8                                             |                                         |

KH..

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model |          |                  |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------|----------|------------------|
| 4.0kW                                                    |                                                         |                       |                                                         |                                                 |              |          |                  |
| 22                                                       | 1710                                                    | 63.68                 | 13300                                                   | 0.90                                            | KH<br>KHF    | 80<br>80 | D112M4<br>D112M4 |
| 24                                                       | 1620                                                    | 60.35                 | 13900                                                   | 0.95                                            |              |          |                  |
| 27                                                       | 1420                                                    | 52.82                 | 15200                                                   | 1.10                                            |              |          |                  |
| 30                                                       | 1280                                                    | 47.58                 | 16000                                                   | 1.20                                            | KH<br>KHF    | 80<br>80 | D112M4<br>D112M4 |
| 34                                                       | 1120                                                    | 41.74                 | 16800                                                   | 1.40                                            |              |          |                  |
| 39                                                       | 990                                                     | 36.84                 | 17400                                                   | 1.55                                            |              |          |                  |
| 43                                                       | 880                                                     | 32.66                 | 17500                                                   | 1.75                                            |              |          |                  |
| 51                                                       | 750                                                     | 27.88                 | 16800                                                   | 2.0                                             |              |          |                  |
| 41                                                       | 930                                                     | 34.40                 | 17600                                                   | 1.60                                            | KH<br>KHF    | 80<br>80 | D112M4<br>D112M4 |
| 45                                                       | 840                                                     | 31.40                 | 17400                                                   | 1.85                                            |              |          |                  |
| 51                                                       | 750                                                     | 27.84                 | 16800                                                   | 2.1                                             |              |          |                  |
| 61                                                       | 630                                                     | 23.40                 | 16100                                                   | 2.5                                             |              |          |                  |
| 66                                                       | 580                                                     | 21.51                 | 15700                                                   | 2.6                                             |              |          |                  |
| 74                                                       | 515                                                     | 19.10                 | 15200                                                   | 2.8                                             |              |          |                  |
| 83                                                       | 460                                                     | 17.08                 | 14700                                                   | 3.0                                             |              |          |                  |
| 92                                                       | 415                                                     | 15.35                 | 14300                                                   | 3.2                                             |              |          |                  |
| 107                                                      | 360                                                     | 13.33                 | 13700                                                   | 3.6                                             |              |          |                  |
| 119                                                      | 320                                                     | 11.93                 | 13300                                                   | 3.8                                             |              |          |                  |
| 39                                                       | 990                                                     | 36.83                 | 4070                                                    | 0.85                                            | KH<br>KHF    | 70<br>70 | D112M4<br>D112M4 |
| 42                                                       | 900                                                     | 33.47                 | 9100                                                    | 0.90                                            |              |          |                  |
| 49                                                       | 780                                                     | 29.00                 | 10300                                                   | 1.05                                            |              |          |                  |
| 56                                                       | 680                                                     | 25.23                 | 10800                                                   | 1.15                                            |              |          |                  |
| 61                                                       | 630                                                     | 23.37                 | 10600                                                   | 1.30                                            | KH<br>KHF    | 70<br>70 | D112M4<br>D112M4 |
| 66                                                       | 575                                                     | 21.43                 | 10400                                                   | 1.40                                            |              |          |                  |
| 76                                                       | 505                                                     | 18.80                 | 10100                                                   | 1.55                                            |              |          |                  |
| 80                                                       | 480                                                     | 17.82                 | 9950                                                    | 1.65                                            |              |          |                  |
| 91                                                       | 420                                                     | 15.60                 | 9630                                                    | 1.75                                            |              |          |                  |
| 101                                                      | 380                                                     | 14.05                 | 9380                                                    | 1.90                                            |              |          |                  |
| 115                                                      | 330                                                     | 12.33                 | 9070                                                    | 2.1                                             |              |          |                  |
| 131                                                      | 295                                                     | 10.88                 | 8780                                                    | 2.3                                             |              |          |                  |
| 147                                                      | 260                                                     | 9.64                  | 8500                                                    | 2.4                                             |              |          |                  |
| 165                                                      | 230                                                     | 8.59                  | 8320                                                    | 2.7                                             |              |          |                  |
| 183                                                      | 210                                                     | 7.74                  | 8070                                                    | 2.9                                             |              |          |                  |
| 209                                                      | 183                                                     | 6.79                  | 7770                                                    | 3.2                                             |              |          |                  |
| 237                                                      | 161                                                     | 5.99                  | 7490                                                    | 3.3                                             |              |          |                  |
| 267                                                      | 143                                                     | 5.31                  | 7230                                                    | 3.6                                             |              |          |                  |
| 71                                                       | 535                                                     | 19.89                 | 7960                                                    | 1.10                                            | KH<br>KHF    | 60<br>60 | D112M4<br>D112M4 |
| 79                                                       | 485                                                     | 17.95                 | 7800                                                    | 1.20                                            |              |          |                  |
| 90                                                       | 425                                                     | 15.79                 | 7600                                                    | 1.30                                            |              |          |                  |
| 95                                                       | 400                                                     | 14.91                 | 7510                                                    | 1.35                                            |              |          |                  |
| 112                                                      | 340                                                     | 12.70                 | 7240                                                    | 1.50                                            |              |          |                  |
| 123                                                      | 310                                                     | 11.54                 | 7080                                                    | 1.60                                            |              |          |                  |
| 142                                                      | 270                                                     | 10.00                 | 6840                                                    | 1.75                                            |              |          |                  |
| 163                                                      | 235                                                     | 8.70                  | 6600                                                    | 1.90                                            |              |          |                  |
| 182                                                      | 210                                                     | 7.79                  | 6440                                                    | 1.80                                            |              |          |                  |
| 193                                                      | 198                                                     | 7.36                  | 6340                                                    | 1.85                                            |              |          |                  |
| 227                                                      | 169                                                     | 6.27                  | 6070                                                    | 1.95                                            |              |          |                  |
| 249                                                      | 153                                                     | 5.70                  | 5920                                                    | 2.0                                             |              |          |                  |
| 288                                                      | 133                                                     | 4.93                  | 5680                                                    | 2.2                                             |              |          |                  |
| 331                                                      | 116                                                     | 4.29                  | 5460                                                    | 2.3                                             |              |          |                  |
| 76                                                       | 500                                                     | 18.60                 | 3520                                                    | 0.90                                            | KH<br>KHF    | 50<br>50 | D112M4<br>D112M4 |
| 85                                                       | 450                                                     | 16.79                 | 3830                                                    | 1.00                                            |              |          |                  |
| 96                                                       | 395                                                     | 14.77                 | 3800                                                    | 1.10                                            |              |          |                  |
| 102                                                      | 375                                                     | 13.95                 | 3780                                                    | 1.15                                            | KH<br>KHF    | 50<br>50 | D112M4<br>D112M4 |
| 120                                                      | 320                                                     | 11.88                 | 3710                                                    | 1.25                                            |              |          |                  |
| 132                                                      | 290                                                     | 10.79                 | 3660                                                    | 1.35                                            |              |          |                  |
| 152                                                      | 250                                                     | 9.35                  | 3580                                                    | 1.45                                            |              |          |                  |
| 157                                                      | 245                                                     | 9.06                  | 3590                                                    | 1.55                                            |              |          |                  |
| 178                                                      | 215                                                     | 7.97                  | 3500                                                    | 1.65                                            |              |          |                  |
| 189                                                      | 205                                                     | 7.53                  | 3470                                                    | 1.75                                            |              |          |                  |
| 222                                                      | 172                                                     | 6.41                  | 3350                                                    | 1.95                                            |              |          |                  |
| 244                                                      | 157                                                     | 5.82                  | 3280                                                    | 2.0                                             |              |          |                  |
| 284                                                      | 136                                                     | 5.05                  | 3180                                                    | 2.2                                             |              |          |                  |
| 323                                                      | 118                                                     | 4.39                  | 3070                                                    | 2.4                                             |              |          |                  |



KH..

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model                      |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|-----------------------------------|
| 5.5kW                                                    |                                                         |                       |                                                         |                                                 |                                   |
| 3.1                                                      | 17000                                                   | 229.71                | 120000                                                  | 1.05                                            | KH 160 D160M8<br>KHF 160 D160M8   |
| 3.8                                                      | 13800                                                   | 186.93                | 120000                                                  | 1.30                                            |                                   |
| 4.6                                                      | 11300                                                   | 153.07                | 120000                                                  | 1.60                                            |                                   |
| 5.1                                                      | 10400                                                   | 139.98                | 120000                                                  | 1.75                                            |                                   |
| 5.8                                                      | 9010                                                    | 121.81                | 120000                                                  | 2.0                                             |                                   |
| 4.3                                                      | 12100                                                   | 163.31                | 64400                                                   | 1.10                                            | KH 140 D160M8<br>KHF 140 D160M8   |
| 4.8                                                      | 10900                                                   | 146.91                | 66500                                                   | 1.20                                            |                                   |
| 5.9                                                      | 8870                                                    | 119.86                | 69300                                                   | 1.45                                            |                                   |
| 6.5                                                      | 8090                                                    | 109.31                | 70200                                                   | 1.60                                            |                                   |
| 5.9                                                      | 8930                                                    | 163.31                | 69200                                                   | 1.45                                            | KH 140 D132ML6<br>KHF 140 D132ML6 |
| 6.5                                                      | 8040                                                    | 146.91                | 70300                                                   | 1.60                                            |                                   |
| 8.0                                                      | 6560                                                    | 119.86                | 71700                                                   | 2.0                                             |                                   |
| 8.8                                                      | 5980                                                    | 109.31                | 72200                                                   | 2.2                                             | KH 140 D132ML6<br>KHF 140 D132ML6 |
| 10                                                       | 5180                                                    | 94.60                 | 72800                                                   | 2.5                                             |                                   |
| 12                                                       | 4570                                                    | 83.47                 | 73200                                                   | 2.8                                             |                                   |
| 5.5                                                      | 9480                                                    | 128.18                | 44400                                                   | 0.85                                            | KH 130 D160M8<br>KHF 130 D160M8   |
| 6.2                                                      | 8410                                                    | 113.72                | 52200                                                   | 0.95                                            |                                   |
| 6.9                                                      | 7630                                                    | 103.20                | 54200                                                   | 1.05                                            |                                   |
| 8.0                                                      | 6560                                                    | 88.70                 | 56100                                                   | 1.20                                            |                                   |
| 5.5                                                      | 9540                                                    | 174.40                | 43300                                                   | 0.85                                            | KH 130 D132ML6<br>KHF 130 D132ML6 |
| 6.1                                                      | 8550                                                    | 156.31                | 51600                                                   | 0.95                                            |                                   |
| 6.8                                                      | 7720                                                    | 141.12                | 54000                                                   | 1.05                                            |                                   |
| 7.5                                                      | 7010                                                    | 128.18                | 55300                                                   | 1.15                                            |                                   |
| 8.4                                                      | 6220                                                    | 113.72                | 56700                                                   | 1.30                                            |                                   |
| 9.3                                                      | 5650                                                    | 103.20                | 57600                                                   | 1.40                                            |                                   |
| 6.4                                                      | 8180                                                    | 222.60                | 53000                                                   | 1.00                                            | KH 130 D132S4<br>KHF 130 D132S4   |
| 7.6                                                      | 6920                                                    | 188.45                | 55500                                                   | 1.15                                            |                                   |
| 8.2                                                      | 6410                                                    | 174.40                | 56400                                                   | 1.25                                            |                                   |
| 9.1                                                      | 5740                                                    | 156.31                | 57400                                                   | 1.40                                            |                                   |
| 10                                                       | 5180                                                    | 141.12                | 58200                                                   | 1.55                                            |                                   |
| 11                                                       | 4710                                                    | 128.18                | 58800                                                   | 1.70                                            | KH 130 D132S4<br>KHF 130 D132S4   |
| 13                                                       | 4180                                                    | 113.72                | 59300                                                   | 1.90                                            |                                   |
| 14                                                       | 3790                                                    | 103.20                | 59700                                                   | 2.1                                             |                                   |
| 16                                                       | 3260                                                    | 88.70                 | 60200                                                   | 2.5                                             |                                   |
| 18                                                       | 2970                                                    | 80.91                 | 60400                                                   | 2.7                                             |                                   |
| 19                                                       | 2700                                                    | 73.49                 | 60500                                                   | 3.0                                             |                                   |
| 22                                                       | 2390                                                    | 65.20                 | 60700                                                   | 3.3                                             |                                   |
| 24                                                       | 2170                                                    | 59.17                 | 60900                                                   | 3.7                                             |                                   |
| 28                                                       | 1870                                                    | 50.86                 | 61000                                                   | 4.3                                             |                                   |
| 11                                                       | 4690                                                    | 127.68                | 27100                                                   | 0.90                                            | KH 100 D132S4<br>KHF 100 D132S4   |
| 12                                                       | 4250                                                    | 115.63                | 29800                                                   | 1.00                                            |                                   |
| 14                                                       | 3770                                                    | 102.53                | 32100                                                   | 1.15                                            |                                   |
| 15                                                       | 3400                                                    | 92.70                 | 33500                                                   | 1.25                                            |                                   |
| 18                                                       | 2980                                                    | 78.57                 | 33500                                                   | 1.50                                            |                                   |
| 20                                                       | 2680                                                    | 72.88                 | 32900                                                   | 1.60                                            |                                   |
| 22                                                       | 2410                                                    | 65.60                 | 32100                                                   | 1.80                                            |                                   |
| 24                                                       | 2180                                                    | 59.41                 | 31300                                                   | 1.95                                            |                                   |
| 27                                                       | 1930                                                    | 52.68                 | 30300                                                   | 2.2                                             |                                   |
| 30                                                       | 1750                                                    | 47.63                 | 29500                                                   | 2.5                                             |                                   |
| 35                                                       | 1480                                                    | 40.37                 | 28200                                                   | 2.9                                             |                                   |
| 17                                                       | 3050                                                    | 83.15                 | 17600                                                   | 1.00                                            | KH 90 D132S4<br>KHF 90 D132S4     |
| 20                                                       | 2650                                                    | 72.17                 | 21800                                                   | 1.15                                            |                                   |
| 22                                                       | 2390                                                    | 65.21                 | 24600                                                   | 1.25                                            |                                   |
| 24                                                       | 2200                                                    | 59.92                 | 24200                                                   | 1.35                                            |                                   |
| 27                                                       | 1950                                                    | 53.21                 | 23600                                                   | 1.55                                            |                                   |
| 30                                                       | 1750                                                    | 47.58                 | 23000                                                   | 1.70                                            |                                   |
| 33                                                       | 1570                                                    | 42.78                 | 22500                                                   | 1.90                                            |                                   |
| 39                                                       | 1360                                                    | 37.13                 | 21700                                                   | 2.2                                             |                                   |
| 43                                                       | 1220                                                    | 33.25                 | 21100                                                   | 2.4                                             |                                   |
| 52                                                       | 1010                                                    | 27.58                 | 20100                                                   | 2.6                                             |                                   |
| 45                                                       | 1180                                                    | 32.05                 | 20900                                                   | 2.2                                             | KH 90 D132S4<br>KHF 90 D132S4     |
| 53                                                       | 1000                                                    | 27.19                 | 20000                                                   | 2.6                                             |                                   |
| 57                                                       | 920                                                     | 25.03                 | 19600                                                   | 3.1                                             |                                   |
| 64                                                       | 820                                                     | 22.37                 | 19000                                                   | 3.3                                             |                                   |
| 71                                                       | 740                                                     | 20.14                 | 18400                                                   | 3.5                                             |                                   |
| 78                                                       | 670                                                     | 18.24                 | 17900                                                   | 3.7                                             |                                   |
| 88                                                       | 595                                                     | 16.17                 | 17300                                                   | 4.0                                             |                                   |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model                  |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|-------------------------------|
| 5.5kW                                                    |                                                         |                       |                                                         |                                                 |                               |
| 30                                                       | 1750                                                    | 47.58                 | 15400                                                   | 0.90                                            | KH 80 D132S4<br>KHF 80 D132S4 |
| 34                                                       | 1530                                                    | 41.74                 | 17000                                                   | 1.00                                            |                               |
| 39                                                       | 1350                                                    | 36.84                 | 17200                                                   | 1.15                                            |                               |
| 44                                                       | 1200                                                    | 32.66                 | 16700                                                   | 1.30                                            |                               |
| 51                                                       | 1020                                                    | 27.88                 | 16100                                                   | 1.45                                            |                               |
| 51                                                       | 1020                                                    | 27.88                 | 16100                                                   | 1.45                                            |                               |
| 51                                                       | 1020                                                    | 27.88                 | 16100                                                   | 1.45                                            | KH 80 D132S4<br>KHF 80 D132S4 |
| 61                                                       | 860                                                     | 23.40                 | 15500                                                   | 1.80                                            |                               |
| 66                                                       | 790                                                     | 21.51                 | 15200                                                   | 1.90                                            |                               |
| 75                                                       | 700                                                     | 19.10                 | 14700                                                   | 2.0                                             |                               |
| 84                                                       | 625                                                     | 17.08                 | 14300                                                   | 2.2                                             |                               |
| 93                                                       | 565                                                     | 15.35                 | 13900                                                   | 2.4                                             |                               |
| 107                                                      | 490                                                     | 13.33                 | 13400                                                   | 2.6                                             |                               |
| 120                                                      | 440                                                     | 11.93                 | 13000                                                   | 2.8                                             |                               |
| 144                                                      | 365                                                     | 9.90                  | 12300                                                   | 3.2                                             |                               |
| 156                                                      | 335                                                     | 9.14                  | 12200                                                   | 3.6                                             |                               |
| 174                                                      | 300                                                     | 8.22                  | 11800                                                   | 3.8                                             |                               |
| 200                                                      | 260                                                     | 7.13                  | 11300                                                   | 4.1                                             |                               |
| 76                                                       | 690                                                     | 18.80                 | 9240                                                    | 1.15                                            | KH 70 D132S4<br>KHF 70 D132S4 |
| 80                                                       | 655                                                     | 17.82                 | 9400                                                    | 1.20                                            |                               |
| 92                                                       | 575                                                     | 15.60                 | 9150                                                    | 1.30                                            |                               |
| 102                                                      | 515                                                     | 14.05                 | 8950                                                    | 1.40                                            | KH 70 D132S4<br>KHF 70 D132S4 |
| 116                                                      | 455                                                     | 12.33                 | 8690                                                    | 1.50                                            |                               |
| 131                                                      | 400                                                     | 10.88                 | 8440                                                    | 1.65                                            |                               |
| 148                                                      | 355                                                     | 9.64                  | 8190                                                    | 1.80                                            |                               |
| 166                                                      | 315                                                     | 8.59                  | 8080                                                    | 2.0                                             |                               |
| 185                                                      | 285                                                     | 7.74                  | 7860                                                    | 2.2                                             |                               |
| 211                                                      | 250                                                     | 6.79                  | 7580                                                    | 2.3                                             |                               |
| 239                                                      | 220                                                     | 5.99                  | 7320                                                    | 2.5                                             |                               |
| 269                                                      | 195                                                     | 5.31                  | 7070                                                    | 2.6                                             |                               |
| 91                                                       | 580                                                     | 15.79                 | 6610                                                    | 0.95                                            | KH 60 D132S4<br>KHF 60 D132S4 |
| 96                                                       | 550                                                     | 14.91                 | 6900                                                    | 1.00                                            |                               |
| 113                                                      | 465                                                     | 12.70                 | 6810                                                    | 1.10                                            |                               |
| 124                                                      | 425                                                     | 11.54                 | 6690                                                    | 1.20                                            |                               |
| 143                                                      | 365                                                     | 10.00                 | 6500                                                    | 1.30                                            |                               |
| 164                                                      | 320                                                     | 8.70                  | 6310                                                    | 1.40                                            |                               |
| 183                                                      | 285                                                     | 7.79                  | 6180                                                    | 1.35                                            |                               |
| 194                                                      | 270                                                     | 7.36                  | 6100                                                    | 1.35                                            |                               |
| 228                                                      | 230                                                     | 6.27                  | 5860                                                    | 1.45                                            |                               |
| 251                                                      | 210                                                     | 5.70                  | 5720                                                    | 1.50                                            |                               |
| 290                                                      | 181                                                     | 4.93                  | 5510                                                    | 1.60                                            |                               |
| 333                                                      | 158                                                     | 4.29                  | 5310                                                    | 1.70                                            |                               |
| 331                                                      | 159                                                     | 8.70                  | 5300                                                    | 2.8                                             | KH 60 D132S2<br>KHF 60 D132S2 |
| 369                                                      | 142                                                     | 7.79                  | 5160                                                    | 2.7                                             |                               |
| 391                                                      | 134                                                     | 7.36                  | 5080                                                    | 2.8                                             |                               |
| 460                                                      | 114                                                     | 6.27                  | 4860                                                    | 2.9                                             |                               |
| 506                                                      | 104                                                     | 5.70                  | 4730                                                    | 3.0                                             |                               |
| 584                                                      | 90                                                      | 4.93                  | 4540                                                    | 3.2                                             |                               |
| 671                                                      | 78                                                      | 4.29                  | 4350                                                    | 3.5                                             |                               |
| 97                                                       | 545                                                     | 14.77                 | 1730                                                    | 0.80                                            | KH 50 D132S4<br>KHF 50 D132S4 |
| 103                                                      | 510                                                     | 13.95                 | 2070                                                    | 0.85                                            |                               |
| 120                                                      | 435                                                     | 11.88                 | 2900                                                    | 0.95                                            |                               |
| 132                                                      | 395                                                     | 10.79                 | 3270                                                    | 1.00                                            |                               |
| 153                                                      | 345                                                     | 9.35                  | 3240                                                    | 1.10                                            | KH 50 D132S4<br>KHF 50 D132S4 |
| 179                                                      | 295                                                     | 7.97                  | 3220                                                    | 1.20                                            |                               |
| 190                                                      | 275                                                     | 7.53                  | 3200                                                    | 1.25                                            |                               |
| 223                                                      | 235                                                     | 6.41                  | 3120                                                    | 1.40                                            |                               |
| 246                                                      | 215                                                     | 5.82                  | 3080                                                    | 1.50                                            |                               |
| 283                                                      | 185                                                     | 5.05                  | 3000                                                    | 1.65                                            |                               |
| 326                                                      | 161                                                     | 4.39                  | 2920                                                    | 1.75                                            |                               |
| 308                                                      | 171                                                     | 9.35                  | 2930                                                    | 2.2                                             | KH 50 D132S2<br>KHF 50 D132S2 |
| 361                                                      | 145                                                     | 7.97                  | 2850                                                    | 2.4                                             |                               |
| 383                                                      | 137                                                     | 7.53                  | 2820                                                    | 2.5                                             |                               |
| 449                                                      | 117                                                     | 6.41                  | 2720                                                    | 2.9                                             |                               |
| 494                                                      | 106                                                     | 5.82                  | 2660                                                    | 3.0                                             |                               |
| 571                                                      | 92                                                      | 5.05                  | 2560                                                    | 3.3                                             |                               |
| 656                                                      | 80                                                      | 4.39                  | 2470                                                    | 3.5                                             |                               |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model              |                  |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|---------------------------|------------------|
| 5.5kW                                                    |                                                         |                       |                                                         |                                                 |                           |                  |
| 295                                                      | 178                                                     | 4.85                  | 1870                                                    | 0.85                                            | KH 40<br>KHF 40           | D132S4<br>D132S4 |
| 330                                                      | 159                                                     | 4.34                  | 2110                                                    | 0.90                                            |                           |                  |
| 373                                                      | 141                                                     | 3.83                  | 2080                                                    | 1.00                                            |                           |                  |
| 230                                                      | 230                                                     | 12.54                 | 1730                                                    | 1.10                                            | KH 40<br>KHF 40           | D132S2<br>D132S2 |
| 244                                                      | 215                                                     | 11.79                 | 1910                                                    | 1.15                                            |                           |                  |
| 284                                                      | 185                                                     | 10.15                 | 2250                                                    | 1.25                                            |                           |                  |
| 318                                                      | 165                                                     | 9.07                  | 2220                                                    | 1.35                                            |                           |                  |
| 359                                                      | 146                                                     | 8.01                  | 2170                                                    | 1.40                                            |                           |                  |
| 480                                                      | 109                                                     | 6.00                  | 2000                                                    | 1.45                                            |                           |                  |
| 511                                                      | 103                                                     | 5.64                  | 1970                                                    | 1.50                                            |                           |                  |
| 593                                                      | 89                                                      | 4.85                  | 1920                                                    | 1.70                                            |                           |                  |
| 664                                                      | 79                                                      | 4.34                  | 1870                                                    | 1.85                                            |                           |                  |
| 752                                                      | 70                                                      | 3.83                  | 1820                                                    | 2.1                                             |                           |                  |
| 216                                                      | 245                                                     | 6.63                  | 10500                                                   | 1.90                                            | KH 100<br>KHXF 100        | D132S4<br>D132S4 |
| 255                                                      | 205                                                     | 5.61                  | 9980                                                    | 2.2                                             |                           |                  |
| 276                                                      | 191                                                     | 5.19                  | 9760                                                    | 3.7                                             |                           |                  |
| 307                                                      | 171                                                     | 4.65                  | 9460                                                    | 4.1                                             |                           |                  |
| 247                                                      | 215                                                     | 5.79                  | 8380                                                    | 1.95                                            | KH 90<br>KHXF 90          | D132S4<br>D132S4 |
| 291                                                      | 180                                                     | 4.91                  | 8010                                                    | 2.2                                             |                           |                  |
| 316                                                      | 166                                                     | 4.52                  | 7820                                                    | 3.6                                             |                           |                  |
| 354                                                      | 149                                                     | 4.04                  | 7580                                                    | 4.0                                             |                           |                  |
| 393                                                      | 134                                                     | 3.64                  | 7350                                                    | 4.4                                             |                           |                  |
| 434                                                      | 121                                                     | 3.30                  | 7140                                                    | 4.9                                             |                           |                  |
| 489                                                      | 107                                                     | 2.92                  | 6890                                                    | 5.5                                             |                           |                  |
| 541                                                      | 97                                                      | 2.64                  | 6690                                                    | 6.1                                             |                           |                  |
| 638                                                      | 82                                                      | 2.24                  | 6360                                                    | 7.2                                             |                           |                  |
| 731                                                      | 72                                                      | 1.96                  | 6110                                                    | 7.9                                             |                           |                  |
| 874                                                      | 60                                                      | 1.64                  | 5780                                                    | 8.4                                             |                           |                  |
| 1010                                                     | 52                                                      | 1.42                  | 5530                                                    | 8.8                                             |                           |                  |
| 318                                                      | 165                                                     | 4.50                  | 6040                                                    | 1.75                                            | KH 80<br>KHXF 80          | D132S4<br>D132S4 |
| 378                                                      | 139                                                     | 3.78                  | 5770                                                    | 2.2                                             |                           |                  |
| 411                                                      | 128                                                     | 3.48                  | 5640                                                    | 3.2                                             |                           |                  |
| 463                                                      | 113                                                     | 3.09                  | 5460                                                    | 3.6                                             |                           |                  |
| 518                                                      | 101                                                     | 2.76                  | 5290                                                    | 4.0                                             |                           |                  |
| 576                                                      | 91                                                      | 2.48                  | 5130                                                    | 4.4                                             |                           |                  |
| 664                                                      | 79                                                      | 2.15                  | 4930                                                    | 4.9                                             |                           |                  |
| 440                                                      | 119                                                     | 3.25                  | 4220                                                    | 1.50                                            | KH 70<br>KHXF 70          | D132S4<br>D132S4 |
| 464                                                      | 113                                                     | 3.08                  | 4160                                                    | 1.70                                            |                           |                  |
| 530                                                      | 99                                                      | 2.70                  | 4030                                                    | 2.2                                             |                           |                  |
| 589                                                      | 89                                                      | 2.43                  | 3920                                                    | 2.4                                             |                           |                  |
| 671                                                      | 78                                                      | 2.13                  | 3780                                                    | 2.6                                             |                           |                  |
| 761                                                      | 69                                                      | 1.88                  | 3660                                                    | 2.7                                             |                           |                  |
| 858                                                      | 61                                                      | 1.67                  | 3540                                                    | 2.8                                             |                           |                  |
| 1005                                                     | 52                                                      | 1.42                  | 3380                                                    | 3.0                                             |                           |                  |
| 563                                                      | 93                                                      | 2.54                  | 2550                                                    | 1.25                                            | KH 60<br>KHXF 60          | D132S4<br>D132S4 |
| 596                                                      | 88                                                      | 2.40                  | 2520                                                    | 1.40                                            |                           |                  |
| 700                                                      | 75                                                      | 2.04                  | 2430                                                    | 1.80                                            |                           |                  |
| 770                                                      | 68                                                      | 1.86                  | 2380                                                    | 1.85                                            |                           |                  |
| 889                                                      | 59                                                      | 1.61                  | 2300                                                    | 1.95                                            |                           |                  |
| 1020                                                     | 51                                                      | 1.40                  | 2220                                                    | 2.0                                             |                           |                  |
| 700                                                      | 75                                                      | 2.04                  | 665                                                     | 0.90                                            | KH 50<br>KHXF 50          | D132S4<br>D132S4 |
| 745                                                      | 71                                                      | 1.92                  | 755                                                     | 1.00                                            |                           |                  |
| 866                                                      | 61                                                      | 1.65                  | 940                                                     | 1.15                                            |                           |                  |
| 969                                                      | 54                                                      | 1.48                  | 1020                                                    | 1.25                                            |                           |                  |
| 1095                                                     | 48                                                      | 1.30                  | 1160                                                    | 1.30                                            |                           |                  |
| 7.5kW                                                    |                                                         |                       |                                                         |                                                 |                           |                  |
| 2.8                                                      | 23100                                                   | 503                   | 120000                                                  | 0.80                                            | KH 160 H90<br>KHF 160 H90 | D132M4<br>D132M4 |
| 3.3                                                      | 19800                                                   | 432                   | 120000                                                  | 0.90                                            |                           |                  |
| 3.8                                                      | 17300                                                   | 376                   | 120000                                                  | 1.05                                            |                           |                  |
| 4.3                                                      | 15400                                                   | 335                   | 120000                                                  | 1.15                                            |                           |                  |
| 4.7                                                      | 13900                                                   | 303                   | 120000                                                  | 1.30                                            |                           |                  |
| 5.1                                                      | 12800                                                   | 279                   | 120000                                                  | 1.40                                            |                           |                  |
| 4.4                                                      | 15000                                                   | 326                   | 50100                                                   | 0.85                                            | KH 140 H80<br>KHF 140 H80 | D132M4<br>D132M4 |
| 5.1                                                      | 12900                                                   | 280                   | 62900                                                   | 1.00                                            |                           |                  |
| 5.8                                                      | 11400                                                   | 247                   | 65700                                                   | 1.15                                            |                           |                  |
| 6.7                                                      | 9810                                                    | 214                   | 68000                                                   | 1.30                                            |                           |                  |
| 7.6                                                      | 8680                                                    | 189                   | 69500                                                   | 1.50                                            |                           |                  |
| 9.0                                                      | 7290                                                    | 159                   | 71000                                                   | 1.80                                            |                           |                  |



| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号       |     |        |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|-----------|-----|--------|
| Model                                                    |                                                         |                       |                                                         |                                                 |           |     |        |
| 7.5kW                                                    |                                                         |                       |                                                         |                                                 |           |     |        |
| 45                                                       | 1610                                                    | 32.05                 | 20000                                                   | 1.60                                            | KH<br>KHf | 90  | D132M4 |
| 53                                                       | 1360                                                    | 27.19                 | 19300                                                   | 1.90                                            |           |     |        |
| 57                                                       | 1250                                                    | 25.03                 | 18900                                                   | 2.3                                             |           |     |        |
| 64                                                       | 1120                                                    | 22.37                 | 18400                                                   | 2.4                                             |           |     |        |
| 71                                                       | 1010                                                    | 20.14                 | 17900                                                   | 2.6                                             |           |     |        |
| 78                                                       | 910                                                     | 18.24                 | 17500                                                   | 2.7                                             |           |     |        |
| 39                                                       | 1840                                                    | 36.84                 | 11500                                                   | 0.85                                            | KH<br>KHf | 80  | D132M4 |
| 44                                                       | 1640                                                    | 32.66                 | 15700                                                   | 0.95                                            |           |     |        |
| 51                                                       | 1400                                                    | 27.88                 | 15200                                                   | 1.05                                            |           |     |        |
| 51                                                       | 1390                                                    | 27.84                 | 15200                                                   | 1.10                                            | KH<br>KHf | 80  | D132M4 |
| 61                                                       | 1170                                                    | 23.40                 | 14700                                                   | 1.30                                            |           |     |        |
| 66                                                       | 1080                                                    | 21.51                 | 14500                                                   | 1.40                                            |           |     |        |
| 75                                                       | 960                                                     | 19.10                 | 14100                                                   | 1.50                                            |           |     |        |
| 84                                                       | 860                                                     | 17.08                 | 13700                                                   | 1.65                                            |           |     |        |
| 93                                                       | 770                                                     | 15.35                 | 12500                                                   | 1.75                                            |           |     |        |
| 107                                                      | 670                                                     | 13.33                 | 12900                                                   | 1.90                                            |           |     |        |
| 120                                                      | 600                                                     | 11.93                 | 12600                                                   | 2.1                                             |           |     |        |
| 144                                                      | 495                                                     | 9.90                  | 12000                                                   | 2.4                                             |           |     |        |
| 156                                                      | 460                                                     | 9.14                  | 11900                                                   | 2.6                                             |           |     |        |
| 174                                                      | 410                                                     | 8.22                  | 11600                                                   | 2.8                                             |           |     |        |
| 200                                                      | 355                                                     | 7.13                  | 11100                                                   | 3.0                                             |           |     |        |
| 224                                                      | 320                                                     | 6.39                  | 10800                                                   | 3.2                                             |           |     |        |
| 270                                                      | 265                                                     | 5.30                  | 10200                                                   | 3.4                                             |           |     |        |
| 76                                                       | 940                                                     | 18.80                 | 5310                                                    | 0.85                                            | KH<br>KHf | 70  | D132M4 |
| 80                                                       | 890                                                     | 17.82                 | 5720                                                    | 0.85                                            |           |     |        |
| 92                                                       | 780                                                     | 15.60                 | 6610                                                    | 0.95                                            |           |     |        |
| 102                                                      | 705                                                     | 14.05                 | 7180                                                    | 1.00                                            |           |     |        |
| 116                                                      | 615                                                     | 12.33                 | 7750                                                    | 1.10                                            |           |     |        |
| 131                                                      | 545                                                     | 10.88                 | 8010                                                    | 1.20                                            |           |     |        |
| 148                                                      | 485                                                     | 9.64                  | 7810                                                    | 1.30                                            |           |     |        |
| 166                                                      | 430                                                     | 8.59                  | 7620                                                    | 1.45                                            |           |     |        |
| 185                                                      | 390                                                     | 7.74                  | 7590                                                    | 1.55                                            |           |     |        |
| 211                                                      | 340                                                     | 6.79                  | 7340                                                    | 1.70                                            |           |     |        |
| 239                                                      | 300                                                     | 5.99                  | 7110                                                    | 1.80                                            |           |     |        |
| 269                                                      | 265                                                     | 5.31                  | 6890                                                    | 1.90                                            |           |     |        |
| 113                                                      | 635                                                     | 12.70                 | 4240                                                    | 0.80                                            | KH<br>KHf | 60  | D132M4 |
| 124                                                      | 580                                                     | 11.54                 | 4860                                                    | 0.85                                            |           |     |        |
| 143                                                      | 500                                                     | 10.00                 | 5620                                                    | 0.95                                            |           |     |        |
| 164                                                      | 435                                                     | 8.70                  | 5930                                                    | 1.00                                            |           |     |        |
| 183                                                      | 390                                                     | 7.79                  | 5500                                                    | 0.95                                            |           |     |        |
| 194                                                      | 370                                                     | 7.36                  | 5720                                                    | 1.00                                            |           |     |        |
| 228                                                      | 315                                                     | 6.27                  | 5600                                                    | 1.05                                            |           |     |        |
| 251                                                      | 285                                                     | 5.70                  | 5480                                                    | 1.10                                            |           |     |        |
| 290                                                      | 245                                                     | 4.93                  | 5300                                                    | 1.15                                            |           |     |        |
| 333                                                      | 215                                                     | 4.29                  | 5130                                                    | 1.25                                            |           |     |        |
| 179                                                      | 400                                                     | 7.97                  | 980                                                     | 0.90                                            | KH<br>KHf | 50  | D132M4 |
| 190                                                      | 375                                                     | 7.53                  | 1280                                                    | 0.95                                            |           |     |        |
| 223                                                      | 320                                                     | 6.41                  | 2020                                                    | 1.05                                            |           |     |        |
| 246                                                      | 290                                                     | 5.82                  | 2380                                                    | 1.10                                            |           |     |        |
| 283                                                      | 255                                                     | 5.05                  | 2760                                                    | 1.20                                            |           |     |        |
| 326                                                      | 220                                                     | 4.39                  | 2710                                                    | 1.25                                            |           |     |        |
| 196                                                      | 365                                                     | 14.77                 | 2580                                                    | 1.20                                            | KH<br>KHf | 50  | D132M2 |
| 208                                                      | 345                                                     | 13.95                 | 2780                                                    | 1.25                                            |           |     |        |
| 244                                                      | 295                                                     | 11.88                 | 2780                                                    | 1.40                                            |           |     |        |
| 269                                                      | 265                                                     | 10.79                 | 2750                                                    | 1.45                                            |           |     |        |
| 310                                                      | 230                                                     | 9.35                  | 2710                                                    | 1.60                                            |           |     |        |
| 364                                                      | 197                                                     | 7.97                  | 2670                                                    | 1.80                                            |           |     |        |
| 385                                                      | 186                                                     | 7.53                  | 2640                                                    | 1.90                                            |           |     |        |
| 452                                                      | 158                                                     | 6.41                  | 2570                                                    | 2.1                                             |           |     |        |
| 498                                                      | 144                                                     | 5.82                  | 2520                                                    | 2.2                                             |           |     |        |
| 575                                                      | 125                                                     | 5.05                  | 2440                                                    | 2.5                                             |           |     |        |
| 660                                                      | 108                                                     | 4.39                  | 2370                                                    | 2.6                                             |           |     |        |
| 216                                                      | 330                                                     | 6.63                  | 10100                                                   | 1.40                                            | KH<br>KHf | 100 | D132M4 |
| 255                                                      | 280                                                     | 5.61                  | 9690                                                    | 1.60                                            |           |     |        |
| 276                                                      | 260                                                     | 5.19                  | 9490                                                    | 2.7                                             |           |     |        |
| 307                                                      | 235                                                     | 4.65                  | 9210                                                    | 3.0                                             |           |     |        |
| 340                                                      | 210                                                     | 4.20                  | 8950                                                    | 3.9                                             |           |     |        |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model |     |         |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------|-----|---------|
| 7.5kW                                                    |                                                         |                       |                                                         |                                                 |              |     |         |
| 247                                                      | 290                                                     | 5.79                  | 8080                                                    | 1.45                                            | KH<br>KHf    | 90  | D132M4  |
| 291                                                      | 245                                                     | 4.91                  | 7750                                                    | 1.60                                            |              |     |         |
| 316                                                      | 225                                                     | 4.52                  | 7580                                                    | 2.6                                             |              |     |         |
| 354                                                      | 205                                                     | 4.04                  | 7360                                                    | 2.9                                             |              |     |         |
| 393                                                      | 182                                                     | 3.64                  | 7160                                                    | 3.3                                             |              |     |         |
| 434                                                      | 165                                                     | 3.30                  | 6960                                                    | 3.6                                             |              |     |         |
| 489                                                      | 146                                                     | 2.92                  | 6730                                                    | 4.1                                             |              |     |         |
| 318                                                      | 225                                                     | 4.50                  | 5760                                                    | 1.30                                            | KH<br>KHf    | 80  | D132M4  |
| 378                                                      | 189                                                     | 3.78                  | 5530                                                    | 1.60                                            |              |     |         |
| 411                                                      | 174                                                     | 3.48                  | 5420                                                    | 2.3                                             |              |     |         |
| 463                                                      | 155                                                     | 3.09                  | 5260                                                    | 2.6                                             |              |     |         |
| 518                                                      | 138                                                     | 2.76                  | 5110                                                    | 2.9                                             |              |     |         |
| 576                                                      | 124                                                     | 2.48                  | 4970                                                    | 3.3                                             |              |     |         |
| 664                                                      | 108                                                     | 2.15                  | 4780                                                    | 3.6                                             |              |     |         |
| 741                                                      | 97                                                      | 1.93                  | 4640                                                    | 3.7                                             |              |     |         |
| 894                                                      | 80                                                      | 1.60                  | 4400                                                    | 3.9                                             |              |     |         |
| 1030                                                     | 70                                                      | 1.39                  | 4230                                                    | 4.2                                             |              |     |         |
| 440                                                      | 163                                                     | 3.25                  | 3820                                                    | 1.10                                            | KH<br>KHf    | 70  | D132M4  |
| 464                                                      | 154                                                     | 3.08                  | 3890                                                    | 1.25                                            |              |     |         |
| 530                                                      | 135                                                     | 2.70                  | 3820                                                    | 1.60                                            |              |     |         |
| 589                                                      | 122                                                     | 2.43                  | 3730                                                    | 1.75                                            |              |     |         |
| 671                                                      | 107                                                     | 2.13                  | 3620                                                    | 1.85                                            |              |     |         |
| 761                                                      | 94                                                      | 1.88                  | 3510                                                    | 2.0                                             |              |     |         |
| 858                                                      | 84                                                      | 1.67                  | 3400                                                    | 2.1                                             |              |     |         |
| 1005                                                     | 71                                                      | 1.42                  | 3260                                                    | 2.2                                             |              |     |         |
| 563                                                      | 127                                                     | 2.54                  | 1500                                                    | 0.95                                            | KH<br>KHf    | 60  | D132M4  |
| 596                                                      | 120                                                     | 2.40                  | 1610                                                    | 1.00                                            |              |     |         |
| 700                                                      | 102                                                     | 2.04                  | 1810                                                    | 1.30                                            |              |     |         |
| 770                                                      | 93                                                      | 1.86                  | 1930                                                    | 1.35                                            |              |     |         |
| 889                                                      | 81                                                      | 1.61                  | 2060                                                    | 1.40                                            |              |     |         |
| 1020                                                     | 70                                                      | 1.40                  | 2080                                                    | 1.50                                            |              |     |         |
| 9.2 kW                                                   |                                                         |                       |                                                         |                                                 |              |     |         |
| 3.8                                                      | 21100                                                   | 376                   | 120000                                                  | 0.85                                            | KH<br>KHf    | 160 | D132ML4 |
| 4.3                                                      | 18800                                                   | 335                   | 120000                                                  | 0.95                                            |              |     |         |
| 4.8                                                      | 16900                                                   | 303                   | 120000                                                  | 1.05                                            |              |     |         |
| 5.2                                                      | 15600                                                   | 279                   | 120000                                                  | 1.15                                            |              |     |         |
| 5.1                                                      | 15700                                                   | 280                   | 40800                                                   | 0.85                                            | KH<br>KHf    | 140 | D132ML4 |
| 5.8                                                      | 13900                                                   | 247                   | 60800                                                   | 0.95                                            |              |     |         |
| 6.7                                                      | 12000                                                   | 214                   | 64600                                                   | 1.10                                            |              |     |         |
| 7.6                                                      | 10600                                                   | 189                   | 66900                                                   | 1.25                                            |              |     |         |
| 9.1                                                      | 8900                                                    | 159                   | 69300                                                   | 1.45                                            |              |     |         |
| 8.8                                                      | 9960                                                    | 163.31                | 67800                                                   | 1.30                                            |              |     |         |
| 9.8                                                      | 8960                                                    | 146.91                | 69200                                                   | 1.45                                            |              |     |         |
| 12                                                       | 7310                                                    | 119.86                | 71000                                                   | 1.80                                            |              |     |         |
| 13                                                       | 6670                                                    | 109.31                | 71600                                                   | 1.95                                            | KH<br>KHf    | 140 | D132ML4 |
| 15                                                       | 5770                                                    | 94.60                 | 72400                                                   | 2.2                                             |              |     |         |
| 17                                                       | 5090                                                    | 83.47                 | 72900                                                   | 2.5                                             |              |     |         |
| 20                                                       | 4400                                                    | 72.09                 | 73300                                                   | 3.0                                             |              |     |         |
| 22                                                       | 4090                                                    | 66.99                 | 73500                                                   | 3.2                                             |              |     |         |
| 9.2                                                      | 9540                                                    | 156.31                | 43400                                                   | 0.85                                            | KH<br>KHf    | 130 | D132ML4 |
| 10                                                       | 8610                                                    | 141.12                | 51400                                                   | 0.95                                            |              |     |         |
| 11                                                       | 7820                                                    | 128.72                | 53800                                                   | 1.00                                            |              |     |         |
| 13                                                       | 6940                                                    | 113.72                | 55500                                                   | 1.15                                            |              |     |         |
| 14                                                       | 6300                                                    | 103.20                | 56600                                                   | 1.25                                            | KH<br>KHf    | 130 | D132ML4 |
| 16                                                       | 5410                                                    | 88.70                 | 57900                                                   | 1.50                                            |              |     |         |
| 18                                                       | 4940                                                    | 80.91                 | 58500                                                   | 1.60                                            |              |     |         |
| 20                                                       | 4480                                                    | 73.49                 | 59000                                                   | 1.80                                            |              |     |         |
| 22                                                       | 3980                                                    | 65.20                 | 59500                                                   | 2.0                                             |              |     |         |
| 24                                                       | 3610                                                    | 59.17                 | 59900                                                   | 2.2                                             |              |     |         |
| 28                                                       | 3100                                                    | 50.86                 | 60300                                                   | 2.6                                             |              |     |         |
| 32                                                       | 2710                                                    | 44.39                 | 60500                                                   | 3.0                                             |              |     |         |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model    |     |         |           |    |         |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|-----------------|-----|---------|-----------|----|---------|
| 9.2 kW                                                   |                                                         |                       |                                                         |                                                 |                 |     |         |           |    |         |
| 18                                                       | 4790                                                    | 78.57                 | 23300                                                   | 0.90                                            | KH<br>KHF       | 100 | D132ML4 |           |    |         |
| 20                                                       | 4450                                                    | 72.88                 | 28600                                                   | 0.95                                            |                 |     |         |           |    |         |
| 22                                                       | 4000                                                    | 65.60                 | 29400                                                   | 1.05                                            |                 |     |         |           |    |         |
| 24                                                       | 3620                                                    | 59.41                 | 28800                                                   | 1.20                                            |                 |     |         |           |    |         |
| 27                                                       | 3210                                                    | 52.68                 | 28100                                                   | 1.35                                            |                 |     |         |           |    |         |
| 30                                                       | 2910                                                    | 47.63                 | 27500                                                   | 1.50                                            |                 |     |         |           |    |         |
| 36                                                       | 2460                                                    | 40.37                 | 26500                                                   | 1.75                                            |                 |     |         |           |    |         |
| 41                                                       | 2150                                                    | 35.26                 | 25700                                                   | 2.0                                             |                 |     |         |           |    |         |
| 49                                                       | 1800                                                    | 29.49                 | 24600                                                   | 2.4                                             |                 |     |         |           |    |         |
| 47                                                       | 1880                                                    | 30.77                 | 24900                                                   | 2.3                                             | KH<br>KHF       | 100 | D132ML4 |           |    |         |
| 52                                                       | 1680                                                    | 27.58                 | 24200                                                   | 2.6                                             |                 |     |         |           |    |         |
| 58                                                       | 1520                                                    | 24.90                 | 23500                                                   | 2.8                                             |                 |     |         |           |    |         |
| 64                                                       | 1380                                                    | 22.62                 | 23000                                                   | 3.1                                             |                 |     |         |           |    |         |
| 72                                                       | 1220                                                    | 20.07                 | 22200                                                   | 3.5                                             |                 |     |         |           |    |         |
| 27                                                       | 3250                                                    | 53.21                 | 23280                                                   | 0.90                                            | KH<br>KHF       | 90  | D132ML4 |           |    |         |
| 30                                                       | 2900                                                    | 47.58                 | 20600                                                   | 1.05                                            |                 |     |         |           |    |         |
| 34                                                       | 2610                                                    | 42.78                 | 20300                                                   | 1.15                                            |                 |     |         |           |    |         |
| 39                                                       | 2270                                                    | 37.13                 | 19800                                                   | 1.30                                            | KH<br>KHF       | 90  | D132ML4 |           |    |         |
| 43                                                       | 2030                                                    | 33.25                 | 19400                                                   | 1.40                                            |                 |     |         |           |    |         |
| 52                                                       | 1680                                                    | 27.58                 | 18700                                                   | 1.60                                            |                 |     |         |           |    |         |
| 58                                                       | 1530                                                    | 25.03                 | 18300                                                   | 1.85                                            | KH<br>KHF       | 90  | D132ML4 |           |    |         |
| 64                                                       | 1370                                                    | 22.37                 | 17900                                                   | 2.0                                             |                 |     |         |           |    |         |
| 71                                                       | 1230                                                    | 20.14                 | 17400                                                   | 2.1                                             |                 |     |         |           |    |         |
| 79                                                       | 1110                                                    | 18.24                 | 17000                                                   | 2.2                                             |                 |     |         |           |    |         |
| 89                                                       | 990                                                     | 16.17                 | 16500                                                   | 2.4                                             |                 |     |         |           |    |         |
| 98                                                       | 890                                                     | 14.62                 | 16100                                                   | 2.6                                             |                 |     |         |           |    |         |
| 116                                                      | 755                                                     | 12.39                 | 15400                                                   | 2.9                                             |                 |     |         |           |    |         |
| 67                                                       | 1310                                                    | 21.51                 | 13900                                                   | 1.15                                            |                 |     |         | KH<br>KHF | 80 | D132ML4 |
| 75                                                       | 1170                                                    | 19.10                 | 13600                                                   | 1.25                                            |                 |     |         |           |    |         |
| 84                                                       | 1040                                                    | 17.08                 | 13200                                                   | 1.35                                            |                 |     |         |           |    |         |
| 94                                                       | 940                                                     | 15.35                 | 13000                                                   | 1.45                                            |                 |     |         |           |    |         |
| 108                                                      | 810                                                     | 13.33                 | 12600                                                   | 1.55                                            |                 |     |         |           |    |         |
| 121                                                      | 730                                                     | 11.93                 | 12200                                                   | 1.70                                            |                 |     |         |           |    |         |
| 145                                                      | 605                                                     | 9.90                  | 11700                                                   | 1.95                                            |                 |     |         |           |    |         |
| 158                                                      | 560                                                     | 9.14                  | 11700                                                   | 2.2                                             |                 |     |         |           |    |         |
| 175                                                      | 500                                                     | 8.22                  | 11400                                                   | 2.3                                             |                 |     |         |           |    |         |
| 202                                                      | 435                                                     | 7.13                  | 10900                                                   | 2.5                                             |                 |     |         |           |    |         |
| 225                                                      | 390                                                     | 6.39                  | 10600                                                   | 2.6                                             |                 |     |         |           |    |         |
| 102                                                      | 860                                                     | 14.05                 | 4740                                                    | 0.85                                            | KH<br>KHF       | 70  | D132ML4 |           |    |         |
| 117                                                      | 750                                                     | 12.33                 | 5610                                                    | 0.90                                            |                 |     |         |           |    |         |
| 132                                                      | 665                                                     | 10.88                 | 6280                                                    | 1.00                                            |                 |     |         |           |    |         |
| 149                                                      | 590                                                     | 9.64                  | 6800                                                    | 1.05                                            |                 |     |         |           |    |         |
| 186                                                      | 470                                                     | 7.74                  | 6300                                                    | 1.30                                            | KH<br>KHF       | 70  | D132ML4 |           |    |         |
| 212                                                      | 415                                                     | 6.79                  | 6720                                                    | 1.40                                            |                 |     |         |           |    |         |
| 240                                                      | 365                                                     | 5.99                  | 6920                                                    | 1.50                                            |                 |     |         |           |    |         |
| 271                                                      | 325                                                     | 5.31                  | 6720                                                    | 1.55                                            |                 |     |         |           |    |         |
| 277                                                      | 315                                                     | 5.19                  | 9240                                                    | 2.2                                             | KH<br>KH<br>KHF | 100 | D132ML4 |           |    |         |
| 310                                                      | 285                                                     | 4.65                  | 8990                                                    | 2.5                                             |                 |     |         |           |    |         |
| 343                                                      | 255                                                     | 4.20                  | 8760                                                    | 3.2                                             |                 |     |         |           |    |         |
| 377                                                      | 235                                                     | 3.81                  | 8540                                                    | 3.6                                             |                 |     |         |           |    |         |
| 425                                                      | 205                                                     | 3.38                  | 8270                                                    | 4.0                                             |                 |     |         |           |    |         |
| 318                                                      | 275                                                     | 4.52                  | 7370                                                    | 2.2                                             | KH<br>KH<br>KHF | 90  | D132ML4 |           |    |         |
| 356                                                      | 245                                                     | 4.04                  | 7170                                                    | 2.4                                             |                 |     |         |           |    |         |
| 396                                                      | 220                                                     | 3.64                  | 6980                                                    | 2.7                                             |                 |     |         |           |    |         |
| 437                                                      | 200                                                     | 3.30                  | 6800                                                    | 3.0                                             |                 |     |         |           |    |         |
| 493                                                      | 178                                                     | 2.92                  | 6590                                                    | 3.3                                             |                 |     |         |           |    |         |
| 545                                                      | 161                                                     | 2.64                  | 6410                                                    | 3.7                                             |                 |     |         |           |    |         |
| 643                                                      | 137                                                     | 2.24                  | 6120                                                    | 4.3                                             |                 |     |         |           |    |         |
| 736                                                      | 119                                                     | 1.96                  | 5890                                                    | 4.8                                             |                 |     |         |           |    |         |
| 880                                                      | 100                                                     | 1.64                  | 5590                                                    | 5.1                                             |                 |     |         |           |    |         |
| 1015                                                     | 86                                                      | 1.42                  | 5360                                                    | 5.3                                             |                 |     |         |           |    |         |



| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model               |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|----------------------------|
| 11.0kW                                                   |                                                         |                       |                                                         |                                                 |                            |
| 10                                                       | 10300                                                   | 142.12                | 23300                                                   | 0.80                                            | KH<br>KHf<br>130<br>D160M4 |
| 11                                                       | 9350                                                    | 128.18                | 46900                                                   | 0.85                                            |                            |
| 13                                                       | 8300                                                    | 113.72                | 52700                                                   | 0.95                                            |                            |
| 14                                                       | 7530                                                    | 103.20                | 54400                                                   | 1.05                                            |                            |
| 16                                                       | 6470                                                    | 88.70                 | 56300                                                   | 1.25                                            |                            |
| 18                                                       | 5900                                                    | 80.91                 | 57200                                                   | 1.35                                            |                            |
| 20                                                       | 5360                                                    | 73.49                 | 57900                                                   | 1.50                                            |                            |
| 22                                                       | 4760                                                    | 65.20                 | 58700                                                   | 1.70                                            |                            |
| 24                                                       | 4320                                                    | 59.17                 | 59200                                                   | 1.85                                            |                            |
| 28                                                       | 3710                                                    | 50.86                 | 59800                                                   | 2.2                                             |                            |
| 32                                                       | 3240                                                    | 44.39                 | 60200                                                   | 2.5                                             |                            |
| 38                                                       | 2750                                                    | 37.65                 | 60500                                                   | 2.9                                             |                            |
| 44                                                       | 2400                                                    | 32.91                 | 60700                                                   | 3.3                                             |                            |
| 22                                                       | 4790                                                    | 65.60                 | 23700                                                   | 0.90                                            | KH<br>KHf<br>100<br>D160M4 |
| 24                                                       | 4330                                                    | 59.41                 | 27600                                                   | 1.00                                            |                            |
| 27                                                       | 3840                                                    | 52.68                 | 27100                                                   | 1.10                                            |                            |
| 30                                                       | 3470                                                    | 47.63                 | 26600                                                   | 1.25                                            |                            |
| 36                                                       | 2940                                                    | 40.37                 | 25700                                                   | 1.45                                            |                            |
| 41                                                       | 2570                                                    | 35.26                 | 25000                                                   | 1.65                                            |                            |
| 49                                                       | 2150                                                    | 29.49                 | 24000                                                   | 2.0                                             |                            |
| 47                                                       | 2240                                                    | 30.77                 | 24200                                                   | 1.90                                            | KH<br>KHf<br>100<br>D160M4 |
| 52                                                       | 2010                                                    | 27.58                 | 23600                                                   | 2.1                                             |                            |
| 58                                                       | 1820                                                    | 24.90                 | 23100                                                   | 2.4                                             |                            |
| 64                                                       | 1650                                                    | 22.62                 | 22500                                                   | 2.6                                             |                            |
| 72                                                       | 1460                                                    | 20.07                 | 21800                                                   | 2.9                                             |                            |
| 79                                                       | 1330                                                    | 18.21                 | 21300                                                   | 3.2                                             |                            |
| 34                                                       | 3120                                                    | 42.78                 | 14500                                                   | 0.95                                            | KH<br>KHf<br>90<br>D160M4  |
| 39                                                       | 2710                                                    | 37.13                 | 18900                                                   | 1.10                                            |                            |
| 43                                                       | 2430                                                    | 33.25                 | 18600                                                   | 1.20                                            |                            |
| 52                                                       | 2010                                                    | 27.58                 | 18000                                                   | 1.35                                            |                            |
| 58                                                       | 1830                                                    | 25.03                 | 17700                                                   | 1.55                                            | KH<br>KHf<br>90<br>D160M4  |
| 64                                                       | 1630                                                    | 22.37                 | 17300                                                   | 1.65                                            |                            |
| 71                                                       | 1470                                                    | 20.14                 | 16900                                                   | 1.80                                            |                            |
| 79                                                       | 1330                                                    | 18.24                 | 16600                                                   | 1.90                                            | KH<br>KHf<br>90<br>D160M4  |
| 89                                                       | 1180                                                    | 16.17                 | 16100                                                   | 2.0                                             |                            |
| 98                                                       | 1070                                                    | 14.62                 | 15700                                                   | 2.2                                             |                            |
| 116                                                      | 900                                                     | 12.39                 | 15100                                                   | 2.4                                             |                            |
| 133                                                      | 790                                                     | 10.83                 | 14600                                                   | 2.7                                             |                            |
| 155                                                      | 675                                                     | 9.29                  | 14300                                                   | 3.0                                             |                            |
| 172                                                      | 610                                                     | 8.39                  | 13900                                                   | 3.3                                             |                            |
| 202                                                      | 520                                                     | 7.12                  | 13200                                                   | 3.8                                             |                            |
| 232                                                      | 455                                                     | 6.21                  | 12700                                                   | 4.2                                             |                            |
| 67                                                       | 1570                                                    | 21.51                 | 13200                                                   | 0.95                                            | KH<br>KHf<br>80<br>D160M4  |
| 75                                                       | 1390                                                    | 19.10                 | 13000                                                   | 1.05                                            |                            |
| 84                                                       | 1250                                                    | 17.08                 | 12800                                                   | 1.10                                            |                            |
| 94                                                       | 1120                                                    | 15.35                 | 12500                                                   | 1.20                                            | KH<br>KHf<br>80<br>D160M4  |
| 108                                                      | 970                                                     | 13.33                 | 12200                                                   | 1.30                                            |                            |
| 121                                                      | 870                                                     | 11.93                 | 11900                                                   | 1.40                                            |                            |
| 145                                                      | 720                                                     | 9.90                  | 11400                                                   | 1.65                                            |                            |
| 158                                                      | 665                                                     | 9.14                  | 11500                                                   | 1.80                                            |                            |
| 175                                                      | 600                                                     | 8.22                  | 11200                                                   | 1.95                                            |                            |
| 202                                                      | 520                                                     | 7.13                  | 10800                                                   | 2.1                                             |                            |
| 225                                                      | 465                                                     | 6.39                  | 10400                                                   | 2.2                                             |                            |
| 272                                                      | 385                                                     | 5.30                  | 9910                                                    | 2.3                                             |                            |
| 132                                                      | 795                                                     | 10.88                 | 4250                                                    | 0.85                                            | KH<br>KHf<br>70<br>D160M4  |
| 149                                                      | 705                                                     | 9.64                  | 5000                                                    | 0.90                                            |                            |
| 186                                                      | 565                                                     | 7.74                  | 4630                                                    | 1.10                                            | KH<br>KHf<br>70<br>D160M4  |
| 212                                                      | 495                                                     | 6.79                  | 5250                                                    | 1.15                                            |                            |
| 240                                                      | 435                                                     | 5.99                  | 5720                                                    | 1.25                                            |                            |
| 271                                                      | 390                                                     | 5.31                  | 6090                                                    | 1.30                                            |                            |
| 277                                                      | 380                                                     | 5.19                  | 9000                                                    | 1.85                                            | KH<br>KHf<br>100<br>D160M4 |
| 310                                                      | 340                                                     | 4.65                  | 8770                                                    | 2.0                                             |                            |
| 343                                                      | 305                                                     | 4.20                  | 8560                                                    | 2.7                                             |                            |
| 377                                                      | 280                                                     | 3.81                  | 8360                                                    | 3.0                                             |                            |
| 425                                                      | 245                                                     | 3.38                  | 8100                                                    | 3.4                                             |                            |
| 469                                                      | 225                                                     | 3.07                  | 7900                                                    | 3.7                                             |                            |
| 545                                                      | 193                                                     | 2.64                  | 7580                                                    | 4.3                                             |                            |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model |     |                  |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------|-----|------------------|
| 11.0kW                                                   |                                                         |                       |                                                         |                                                 |              |     |                  |
| 318                                                      | 330                                                     | 4.52                  | 7150                                                    | 1.80                                            | KH<br>KHf    | 90  | D160M4           |
| 356                                                      | 295                                                     | 4.04                  | 6970                                                    | 2.0                                             |              |     |                  |
| 396                                                      | 265                                                     | 3.64                  | 6800                                                    | 2.2                                             |              |     |                  |
| 437                                                      | 240                                                     | 3.30                  | 6640                                                    | 2.5                                             |              |     |                  |
| 493                                                      | 215                                                     | 2.92                  | 6440                                                    | 2.8                                             |              |     |                  |
| 545                                                      | 193                                                     | 2.64                  | 6280                                                    | 3.1                                             |              |     |                  |
| 643                                                      | 163                                                     | 2.24                  | 6000                                                    | 3.6                                             |              |     |                  |
| 736                                                      | 143                                                     | 1.96                  | 5790                                                    | 4.0                                             |              |     |                  |
| 880                                                      | 119                                                     | 1.64                  | 5500                                                    | 4.2                                             |              |     |                  |
| 1015                                                     | 103                                                     | 1.42                  | 5280                                                    | 4.4                                             |              |     |                  |
| 414                                                      | 255                                                     | 3.48                  | 5030                                                    | 1.60                                            | KH<br>KHf    | 80  | D160M4           |
| 466                                                      | 225                                                     | 3.09                  | 4910                                                    | 1.80                                            |              |     |                  |
| 522                                                      | 200                                                     | 2.76                  | 4790                                                    | 2.0                                             |              |     |                  |
| 580                                                      | 181                                                     | 2.48                  | 4680                                                    | 2.2                                             |              |     |                  |
| 669                                                      | 157                                                     | 2.15                  | 4530                                                    | 2.5                                             | KH<br>KHf    | 80  | D160M4           |
| 747                                                      | 141                                                     | 1.93                  | 4400                                                    | 2.5                                             |              |     |                  |
| 900                                                      | 117                                                     | 1.60                  | 4200                                                    | 2.8                                             |              |     |                  |
| 1035                                                     | 102                                                     | 1.39                  | 4050                                                    | 2.9                                             |              |     |                  |
| 593                                                      | 177                                                     | 2.43                  | 1890                                                    | 1.20                                            | KH<br>KHf    | 70  | D160M4           |
| 676                                                      | 155                                                     | 2.13                  | 2140                                                    | 1.30                                            |              |     |                  |
| 766                                                      | 137                                                     | 1.88                  | 2330                                                    | 1.35                                            |              |     |                  |
| 864                                                      | 122                                                     | 1.67                  | 2460                                                    | 1.40                                            |              |     |                  |
| 1010                                                     | 104                                                     | 1.42                  | 2580                                                    | 1.50                                            |              |     |                  |
| 15.0kW                                                   |                                                         |                       |                                                         |                                                 |              |     |                  |
| 6.4                                                      | 20700                                                   | 229                   | 120000                                                  | 0.85                                            | KH<br>KHf    | 160 | H100<br>D160L4   |
| 7.3                                                      | 18100                                                   | 200                   | 120000                                                  | 1.00                                            |              |     |                  |
| 8.6                                                      | 15200                                                   | 169                   | 120000                                                  | 1.20                                            |              |     |                  |
| 6.4                                                      | 20800                                                   | 227                   | 120000                                                  | 0.85                                            | KH<br>KHf    | 160 | H100<br>D160L4   |
| 7.4                                                      | 18100                                                   | 198                   | 120000                                                  | 1.00                                            |              |     |                  |
| 6.3                                                      | 22600                                                   | 153.07                | 120000                                                  | 0.80                                            | KH<br>KHf    | 160 | D180L6<br>D180L6 |
| 6.9                                                      | 20700                                                   | 139.98                | 120000                                                  | 0.85                                            |              |     |                  |
| 8.0                                                      | 18000                                                   | 121.81                | 120000                                                  | 1.00                                            |              |     |                  |
| 9.0                                                      | 15900                                                   | 107.49                | 120000                                                  | 1.15                                            |              |     |                  |
| 6.4                                                      | 22500                                                   | 229.71                | 120000                                                  | 0.80                                            | KH<br>KHf    | 160 | D160L4<br>D160L4 |
| 7.8                                                      | 18300                                                   | 186.93                | 120000                                                  | 1.00                                            |              |     |                  |
| 9.5                                                      | 15000                                                   | 153.07                | 120000                                                  | 1.20                                            | KH<br>KHf    | 160 | D160L4<br>D160L4 |
| 10                                                       | 13700                                                   | 139.98                | 120000                                                  | 1.30                                            |              |     |                  |
| 12                                                       | 12000                                                   | 121.81                | 120000                                                  | 1.50                                            |              |     |                  |
| 14                                                       | 10500                                                   | 107.49                | 120000                                                  | 1.70                                            |              |     |                  |
| 16                                                       | 9140                                                    | 93.19                 | 120000                                                  | 1.95                                            |              |     |                  |
| 18                                                       | 8130                                                    | 82.91                 | 120000                                                  | 2.2                                             |              |     |                  |
| 20                                                       | 7230                                                    | 73.70                 | 120000                                                  | 2.5                                             |              |     |                  |
| 22                                                       | 6610                                                    | 67.40                 | 120000                                                  | 2.7                                             |              |     |                  |
| 8.9                                                      | 16100                                                   | 109.31                | 34400                                                   | 0.80                                            | KH<br>KHf    | 140 | D180L6<br>D180L6 |
| 10                                                       | 14000                                                   | 94.60                 | 60600                                                   | 0.95                                            |              |     |                  |
| 12                                                       | 12300                                                   | 83.47                 | 64000                                                   | 1.05                                            |              |     |                  |
| 13                                                       | 10600                                                   | 72.09                 | 66800                                                   | 1.20                                            |              |     |                  |
| 14                                                       | 9890                                                    | 66.99                 | 67900                                                   | 1.30                                            |              |     |                  |
| 8.9                                                      | 16000                                                   | 163.31                | 36200                                                   | 0.80                                            | KH<br>KHf    | 140 | D160L4<br>D160L4 |
| 9.9                                                      | 14400                                                   | 146.91                | 57400                                                   | 0.90                                            |              |     |                  |
| 12                                                       | 11800                                                   | 119.86                | 65000                                                   | 1.10                                            |              |     |                  |
| 13                                                       | 10700                                                   | 109.31                | 66700                                                   | 1.20                                            |              |     |                  |
| 15                                                       | 9280                                                    | 94.60                 | 68800                                                   | 1.40                                            | KH<br>KHf    | 140 | D160L4<br>D160L4 |
| 17                                                       | 8190                                                    | 83.47                 | 70100                                                   | 1.60                                            |              |     |                  |
| 20                                                       | 7070                                                    | 72.09                 | 71300                                                   | 1.85                                            |              |     |                  |
| 22                                                       | 6570                                                    | 66.99                 | 71700                                                   | 2.0                                             |              |     |                  |
| 24                                                       | 5990                                                    | 61.09                 | 72200                                                   | 2.2                                             |              |     |                  |
| 28                                                       | 5190                                                    | 52.87                 | 72800                                                   | 2.5                                             |              |     |                  |
| 31                                                       | 4580                                                    | 46.65                 | 73200                                                   | 2.8                                             |              |     |                  |
| 14                                                       | 10100                                                   | 103.20                | 30700                                                   | 0.80                                            | KH<br>KHf    | 130 | D160L4<br>D160L4 |
| 16                                                       | 8700                                                    | 88.70                 | 51000                                                   | 0.90                                            |              |     |                  |
| 18                                                       | 7940                                                    | 80.91                 | 53500                                                   | 1.00                                            |              |     |                  |
| 20                                                       | 7210                                                    | 73.49                 | 55000                                                   | 1.10                                            |              |     |                  |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model           |          |                  |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|------------------------|----------|------------------|
| 15.0kW                                                   |                                                         |                       |                                                         |                                                 |                        |          |                  |
| 22                                                       | 6400                                                    | 65.20                 | 56400                                                   | 1.25                                            | KH<br>KHF              | 130      | D160L4           |
| 25                                                       | 5800                                                    | 59.17                 | 57300                                                   | 1.40                                            |                        |          |                  |
| 29                                                       | 4990                                                    | 50.86                 | 58400                                                   | 1.60                                            |                        |          |                  |
| 33                                                       | 4360                                                    | 44.39                 | 59100                                                   | 1.85                                            |                        |          |                  |
| 39                                                       | 3690                                                    | 37.65                 | 59800                                                   | 2.2                                             |                        |          |                  |
| 44                                                       | 3230                                                    | 32.91                 | 60200                                                   | 2.5                                             |                        |          |                  |
| 52                                                       | 2730                                                    | 27.83                 | 60500                                                   | 2.8                                             |                        |          |                  |
| 31                                                       | 4670                                                    | 47.63                 | 24500                                                   | 0.90                                            | KH<br>KHF              | 100      | D160L4           |
| 36                                                       | 3960                                                    | 40.37                 | 23900                                                   | 1.10                                            |                        |          |                  |
| 41                                                       | 3460                                                    | 35.26                 | 23400                                                   | 1.25                                            |                        |          |                  |
| 50                                                       | 2890                                                    | 29.49                 | 22600                                                   | 1.50                                            |                        |          |                  |
| 47                                                       | 3020                                                    | 30.77                 | 22800                                                   | 1.40                                            | KH<br>KHF              | 100      | D160L4           |
| 53                                                       | 2710                                                    | 27.58                 | 22400                                                   | 1.60                                            |                        |          |                  |
| 59                                                       | 2440                                                    | 24.90                 | 21900                                                   | 1.75                                            |                        |          |                  |
| 65                                                       | 2220                                                    | 22.62                 | 21400                                                   | 1.95                                            |                        |          |                  |
| 73                                                       | 1970                                                    | 20.07                 | 20900                                                   | 2.2                                             |                        |          |                  |
| 80                                                       | 1790                                                    | 18.21                 | 20400                                                   | 2.4                                             |                        |          |                  |
| 93                                                       | 1540                                                    | 15.65                 | 19700                                                   | 2.8                                             |                        |          |                  |
| 107                                                      | 1340                                                    | 13.66                 | 19000                                                   | 3.2                                             |                        |          |                  |
| 53                                                       | 2710                                                    | 27.58                 | 16500                                                   | 1.00                                            | KH<br>KHF              | 90<br>90 | D160L4<br>D160L4 |
| 58                                                       | 2460                                                    | 25.03                 | 16300                                                   | 1.15                                            | KH<br>KHF              | 90       | D160L4           |
| 65                                                       | 2200                                                    | 22.37                 | 16100                                                   | 1.25                                            |                        |          |                  |
| 72                                                       | 1980                                                    | 20.14                 | 15800                                                   | 1.30                                            |                        |          |                  |
| 80                                                       | 1790                                                    | 18.24                 | 15600                                                   | 1.40                                            |                        |          |                  |
| 90                                                       | 1590                                                    | 16.17                 | 15200                                                   | 1.50                                            |                        |          |                  |
| 100                                                      | 1430                                                    | 14.62                 | 14900                                                   | 1.60                                            |                        |          |                  |
| 118                                                      | 1220                                                    | 12.39                 | 14400                                                   | 1.80                                            |                        |          |                  |
| 135                                                      | 1060                                                    | 10.83                 | 14000                                                   | 1.95                                            |                        |          |                  |
| 157                                                      | 910                                                     | 9.29                  | 13800                                                   | 2.2                                             |                        |          |                  |
| 174                                                      | 820                                                     | 8.39                  | 13400                                                   | 2.5                                             |                        |          |                  |
| 205                                                      | 700                                                     | 7.12                  | 12800                                                   | 2.9                                             |                        |          |                  |
| 235                                                      | 610                                                     | 6.21                  | 12400                                                   | 3.1                                             |                        |          |                  |
| 85                                                       | 1680                                                    | 17.08                 | 11600                                                   | 0.85                                            | KH<br>KHF              | 80       | D160L4           |
| 95                                                       | 1510                                                    | 15.35                 | 11500                                                   | 0.90                                            |                        |          |                  |
| 110                                                      | 1310                                                    | 13.33                 | 11300                                                   | 1.00                                            |                        |          |                  |
| 122                                                      | 1170                                                    | 11.93                 | 11100                                                   | 1.05                                            |                        |          |                  |
| 147                                                      | 970                                                     | 9.90                  | 10700                                                   | 1.20                                            | KH<br>KHF              | 80       | D160L4           |
| 160                                                      | 900                                                     | 9.14                  | 11000                                                   | 1.35                                            |                        |          |                  |
| 178                                                      | 810                                                     | 8.22                  | 10700                                                   | 1.45                                            |                        |          |                  |
| 205                                                      | 700                                                     | 7.13                  | 10300                                                   | 1.55                                            |                        |          |                  |
| 229                                                      | 625                                                     | 6.39                  | 10100                                                   | 1.65                                            |                        |          |                  |
| 275                                                      | 520                                                     | 5.30                  | 96000                                                   | 1.75                                            |                        |          |                  |
| 281                                                      | 510                                                     | 5.19                  | 8440                                                    | 1.35                                            | KH<br>KHf<br>KH<br>KHf | 100      | D160L4           |
| 314                                                      | 455                                                     | 4.65                  | 8260                                                    | 1.50                                            |                        |          |                  |
| 348                                                      | 410                                                     | 4.20                  | 8100                                                    | 2.0                                             |                        |          |                  |
| 383                                                      | 375                                                     | 3.81                  | 7930                                                    | 2.2                                             |                        |          |                  |
| 431                                                      | 330                                                     | 3.38                  | 7720                                                    | 2.5                                             | KH<br>KHf<br>KH<br>KHf | 100      | D160L4           |
| 475                                                      | 300                                                     | 3.07                  | 7540                                                    | 2.8                                             |                        |          |                  |
| 553                                                      | 260                                                     | 2.64                  | 7260                                                    | 3.2                                             |                        |          |                  |
| 634                                                      | 225                                                     | 2.30                  | 7010                                                    | 3.7                                             |                        |          |                  |
| 747                                                      | 192                                                     | 1.95                  | 6710                                                    | 4.0                                             |                        |          |                  |
| 855                                                      | 168                                                     | 1.71                  | 6470                                                    | 4.2                                             |                        |          |                  |
| 1010                                                     | 142                                                     | 1.44                  | 6170                                                    | 4.6                                             |                        |          |                  |
| 323                                                      | 445                                                     | 4.52                  | 6660                                                    | 1.35                                            |                        |          |                  |
| 361                                                      | 395                                                     | 4.04                  | 6530                                                    | 1.50                                            |                        |          |                  |
| 401                                                      | 355                                                     | 3.64                  | 6400                                                    | 1.65                                            |                        |          |                  |
| 443                                                      | 325                                                     | 3.30                  | 6270                                                    | 1.85                                            |                        |          |                  |
| 499                                                      | 285                                                     | 2.92                  | 6110                                                    | 2.1                                             |                        |          |                  |
| 552                                                      | 260                                                     | 2.64                  | 5970                                                    | 2.3                                             |                        |          |                  |
| 652                                                      | 220                                                     | 2.24                  | 5730                                                    | 2.7                                             |                        |          |                  |
| 746                                                      | 192                                                     | 1.96                  | 5550                                                    | 3.0                                             |                        |          |                  |
| 892                                                      | 161                                                     | 1.64                  | 5290                                                    | 3.2                                             |                        |          |                  |
| 1030                                                     | 139                                                     | 1.42                  | 5090                                                    | 3.3                                             |                        |          |                  |



| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model |     |        |           |     |        |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------|-----|--------|-----------|-----|--------|
| 18.5kW                                                   |                                                         |                       |                                                         |                                                 |              |     |        |           |     |        |
| 73                                                       | 2430                                                    | 20.14                 | 14900                                                   | 1.05                                            | KH<br>KHF    | 90  | D180M4 |           |     |        |
| 80                                                       | 2200                                                    | 18.24                 | 14700                                                   | 1.15                                            |              |     |        |           |     |        |
| 91                                                       | 1950                                                    | 16.17                 | 14500                                                   | 1.25                                            |              |     |        |           |     |        |
| 100                                                      | 1760                                                    | 14.62                 | 14200                                                   | 1.30                                            |              |     |        |           |     |        |
| 118                                                      | 1490                                                    | 12.39                 | 13800                                                   | 1.45                                            |              |     |        |           |     |        |
| 135                                                      | 1310                                                    | 10.83                 | 13500                                                   | 1.60                                            |              |     |        |           |     |        |
| 158                                                      | 1120                                                    | 9.29                  | 13400                                                   | 1.80                                            |              |     |        |           |     |        |
| 175                                                      | 1010                                                    | 8.39                  | 13100                                                   | 2.0                                             |              |     |        |           |     |        |
| 206                                                      | 860                                                     | 7.12                  | 12600                                                   | 2.3                                             |              |     |        |           |     |        |
| 236                                                      | 750                                                     | 6.21                  | 12100                                                   | 2.5                                             |              |     |        |           |     |        |
| 282                                                      | 625                                                     | 5.20                  | 11600                                                   | 2.8                                             |              |     |        |           |     |        |
| 326                                                      | 545                                                     | 4.50                  | 11100                                                   | 3.0                                             |              |     |        |           |     |        |
| 110                                                      | 1610                                                    | 13.33                 | 10600                                                   | 0.80                                            | KH<br>KHF    | 80  | D180M4 |           |     |        |
| 123                                                      | 1440                                                    | 11.93                 | 10400                                                   | 0.85                                            |              |     |        |           |     |        |
| 148                                                      | 1190                                                    | 9.90                  | 10200                                                   | 1.00                                            |              |     |        |           |     |        |
| 160                                                      | 1100                                                    | 9.14                  | 10600                                                   | 1.10                                            |              |     |        |           |     |        |
| 178                                                      | 990                                                     | 8.22                  | 10300                                                   | 1.15                                            |              |     |        |           |     |        |
| 205                                                      | 860                                                     | 7.13                  | 10000                                                   | 1.25                                            |              |     |        |           |     |        |
| 229                                                      | 770                                                     | 6.39                  | 9770                                                    | 1.30                                            |              |     |        |           |     |        |
| 276                                                      | 640                                                     | 5.30                  | 9350                                                    | 1.40                                            |              |     |        |           |     |        |
| 349                                                      | 505                                                     | 4.20                  | 7710                                                    | 1.65                                            | KH<br>KHF    | 100 | D180M4 |           |     |        |
| 384                                                      | 460                                                     | 3.81                  | 7580                                                    | 1.80                                            |              |     |        |           |     |        |
| 433                                                      | 410                                                     | 3.38                  | 7400                                                    | 2.0                                             |              |     |        |           |     |        |
| 477                                                      | 370                                                     | 3.07                  | 7250                                                    | 2.2                                             |              |     |        |           |     |        |
| 555                                                      | 320                                                     | 2.64                  | 7010                                                    | 2.6                                             | KH<br>KHF    | 100 | D180M4 |           |     |        |
| 636                                                      | 280                                                     | 2.30                  | 6780                                                    | 3.0                                             |              |     |        |           |     |        |
| 750                                                      | 235                                                     | 1.95                  | 6510                                                    | 3.2                                             |              |     |        |           |     |        |
| 858                                                      | 205                                                     | 1.71                  | 6290                                                    | 3.4                                             |              |     |        |           |     |        |
| 1015                                                     | 174                                                     | 1.44                  | 6020                                                    | 3.7                                             |              |     |        |           |     |        |
| 402                                                      | 440                                                     | 3.64                  | 6060                                                    | 1.35                                            | KH<br>KHF    | 90  | D180M4 |           |     |        |
| 444                                                      | 400                                                     | 3.30                  | 5960                                                    | 1.50                                            |              |     |        |           |     |        |
| 501                                                      | 355                                                     | 2.92                  | 5830                                                    | 1.70                                            |              |     |        |           |     |        |
| 554                                                      | 320                                                     | 2.64                  | 5710                                                    | 1.85                                            |              |     |        |           |     |        |
| 654                                                      | 270                                                     | 2.24                  | 5510                                                    | 2.2                                             |              |     |        |           |     |        |
| 749                                                      | 235                                                     | 1.96                  | 5350                                                    | 2.4                                             |              |     |        |           |     |        |
| 895                                                      | 197                                                     | 1.64                  | 5120                                                    | 2.6                                             |              |     |        |           |     |        |
| 1035                                                     | 171                                                     | 1.42                  | 4940                                                    | 2.7                                             |              |     |        |           |     |        |
| 531                                                      | 335                                                     | 2.76                  | 3040                                                    | 1.20                                            | KH<br>KHF    | 80  | D180M4 |           |     |        |
| 590                                                      | 300                                                     | 2.48                  | 3340                                                    | 1.35                                            |              |     |        |           |     |        |
| 680                                                      | 260                                                     | 2.15                  | 3630                                                    | 1.50                                            |              |     |        |           |     |        |
| 760                                                      | 235                                                     | 1.93                  | 3820                                                    | 1.55                                            |              |     |        |           |     |        |
| 916                                                      | 193                                                     | 1.60                  | 3770                                                    | 1.65                                            |              |     |        |           |     |        |
| 1055                                                     | 168                                                     | 1.39                  | 3670                                                    | 1.75                                            |              |     |        |           |     |        |
| 22kW                                                     |                                                         |                       |                                                         |                                                 |              |     |        |           |     |        |
| 9.6                                                      | 22000                                                   | 153.07                | 120000                                                  | 0.80                                            | KH<br>KHF    | 160 | D180L4 |           |     |        |
| 10                                                       | 20100                                                   | 139.98                | 120000                                                  | 0.90                                            |              |     |        |           |     |        |
| 12                                                       | 17500                                                   | 121.81                | 120000                                                  | 1.05                                            |              |     |        |           |     |        |
| 14                                                       | 15400                                                   | 107.49                | 120000                                                  | 1.15                                            | KH<br>KHF    | 160 | D180L4 |           |     |        |
| 16                                                       | 13400                                                   | 93.19                 | 120000                                                  | 1.35                                            |              |     |        |           |     |        |
| 18                                                       | 11900                                                   | 82.91                 | 120000                                                  | 1.50                                            |              |     |        |           |     |        |
| 20                                                       | 10600                                                   | 73.70                 | 120000                                                  | 1.70                                            |              |     |        |           |     |        |
| 22                                                       | 9670                                                    | 67.40                 | 120000                                                  | 1.85                                            |              |     |        |           |     |        |
| 25                                                       | 8410                                                    | 58.65                 | 120000                                                  | 2.1                                             |              |     |        |           |     |        |
| 28                                                       | 7420                                                    | 51.76                 | 120000                                                  | 2.4                                             |              |     |        |           |     |        |
| 33                                                       | 6430                                                    | 44.87                 | 120000                                                  | 2.8                                             |              |     |        |           |     |        |
| 13                                                       | 15700                                                   | 109.31                | 41300                                                   | 0.85                                            |              |     |        | KH<br>KHF | 140 | D180L4 |
| 15                                                       | 13600                                                   | 94.60                 | 61500                                                   | 0.95                                            |              |     |        |           |     |        |
| 18                                                       | 12000                                                   | 83.47                 | 64600                                                   | 1.10                                            |              |     |        |           |     |        |
| 20                                                       | 10300                                                   | 72.09                 | 67300                                                   | 1.25                                            |              |     |        |           |     |        |
| 22                                                       | 9610                                                    | 66.99                 | 68300                                                   | 1.35                                            | KH<br>KHF    | 140 | D180L4 |           |     |        |
| 24                                                       | 8760                                                    | 61.09                 | 69400                                                   | 1.50                                            |              |     |        |           |     |        |
| 28                                                       | 7580                                                    | 52.87                 | 70800                                                   | 1.70                                            |              |     |        |           |     |        |
| 31                                                       | 6690                                                    | 46.65                 | 71600                                                   | 1.95                                            |              |     |        |           |     |        |
| 36                                                       | 5780                                                    | 40.29                 | 72400                                                   | 2.2                                             |              |     |        |           |     |        |
| 41                                                       | 5110                                                    | 35.64                 | 72900                                                   | 2.5                                             |              |     |        |           |     |        |
| 49                                                       | 4300                                                    | 29.95                 | 73400                                                   | 3.0                                             |              |     |        |           |     |        |



KH..

KSA..  
KBA..  
KWA..

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model                                       |     |        |                            |     |        |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|----------------------------------------------------|-----|--------|----------------------------|-----|--------|
| 37kW                                                     |                                                         |                       |                                                         |                                                 |                                                    |     |        |                            |     |        |
| 434                                                      | 810                                                     | 3.38                  | 4470                                                    | 1.00                                            | KH<br>KH<br>KH<br>KH<br>KH<br>KH<br>KH             | 100 | D225S4 |                            |     |        |
| 479                                                      | 740                                                     | 3.07                  | 4950                                                    | 1.10                                            |                                                    |     |        |                            |     |        |
| 557                                                      | 635                                                     | 2.64                  | 5530                                                    | 1.30                                            |                                                    |     |        |                            |     |        |
| 638                                                      | 555                                                     | 2.30                  | 5610                                                    | 1.50                                            |                                                    |     |        |                            |     |        |
| 752                                                      | 470                                                     | 1.95                  | 5490                                                    | 1.65                                            |                                                    |     |        |                            |     |        |
| 860                                                      | 410                                                     | 1.71                  | 5370                                                    | 1.70                                            |                                                    |     |        |                            |     |        |
| 1020                                                     | 345                                                     | 1.44                  | 5220                                                    | 1.85                                            |                                                    |     |        |                            |     |        |
| 45kW                                                     |                                                         |                       |                                                         |                                                 |                                                    |     |        |                            |     |        |
| 20                                                       | 21500                                                   | 73.77                 | 120000                                                  | 0.85                                            | KH<br>KH<br>KH<br>KH                               | 160 | D225M4 |                            |     |        |
| 22                                                       | 19700                                                   | 67.40                 | 120000                                                  | 0.90                                            |                                                    |     |        |                            |     |        |
| 25                                                       | 17100                                                   | 58.65                 | 120000                                                  | 1.05                                            |                                                    |     |        |                            |     |        |
| 28                                                       | 15100                                                   | 51.76                 | 120000                                                  | 1.20                                            |                                                    |     |        |                            |     |        |
| 33                                                       | 13100                                                   | 44.87                 | 120000                                                  | 1.35                                            | KH<br>KH<br>KH<br>KH<br>KH                         | 160 | D225M4 |                            |     |        |
| 37                                                       | 11700                                                   | 39.92                 | 120000                                                  | 1.55                                            |                                                    |     |        |                            |     |        |
| 43                                                       | 10100                                                   | 34.41                 | 120000                                                  | 1.80                                            |                                                    |     |        |                            |     |        |
| 53                                                       | 8170                                                    | 27.96                 | 120000                                                  | 2.2                                             |                                                    |     |        |                            |     |        |
| 62                                                       | 6930                                                    | 23.71                 | 120000                                                  | 2.6                                             |                                                    |     |        |                            |     |        |
| 48                                                       | 8980                                                    | 30.71                 | 120000                                                  | 1.10                                            | KH<br>KH<br>KH<br>KH<br>KH                         | 160 | D225M4 |                            |     |        |
| 60                                                       | 7180                                                    | 24.57                 | 120000                                                  | 1.95                                            |                                                    |     |        |                            |     |        |
| 67                                                       | 6390                                                    | 21.85                 | 120000                                                  | 2.0                                             |                                                    |     |        |                            |     |        |
| 77                                                       | 5560                                                    | 19.03                 | 120000                                                  | 2.9                                             |                                                    |     |        |                            |     |        |
| 87                                                       | 4960                                                    | 16.98                 | 120000                                                  | 3.0                                             |                                                    |     |        |                            |     |        |
| 28                                                       | 15500                                                   | 52.87                 | 44400                                                   | 0.85                                            | KH<br>KH<br>KH<br>KH<br>KH                         | 140 | D225M4 |                            |     |        |
| 32                                                       | 13600                                                   | 46.65                 | 61300                                                   | 0.95                                            |                                                    |     |        |                            |     |        |
| 36                                                       | 11800                                                   | 40.29                 | 65000                                                   | 1.10                                            |                                                    |     |        |                            |     |        |
| 41                                                       | 10400                                                   | 35.64                 | 67200                                                   | 1.25                                            |                                                    |     |        |                            |     |        |
| 49                                                       | 8760                                                    | 29.95                 | 69400                                                   | 1.50                                            |                                                    |     |        |                            |     |        |
| 61                                                       | 7070                                                    | 24.19                 | 71300                                                   | 1.70                                            | KH<br>KH<br>KH<br>KH<br>KH                         | 140 | D225M4 |                            |     |        |
| 72                                                       | 5970                                                    | 20.44                 | 72200                                                   | 2.0                                             |                                                    |     |        |                            |     |        |
| 82                                                       | 5270                                                    | 18.04                 | 72800                                                   | 2.0                                             |                                                    |     |        |                            |     |        |
| 94                                                       | 4570                                                    | 15.64                 | 73200                                                   | 2.8                                             |                                                    |     |        |                            |     |        |
| 106                                                      | 4070                                                    | 13.91                 | 73500                                                   | 3.1                                             |                                                    |     |        |                            |     |        |
| 123                                                      | 3510                                                    | 11.99                 | 73800                                                   | 3.7                                             | KH<br>KH<br>KH<br>KH<br>KH                         | 140 | D225M4 |                            |     |        |
| 203                                                      | 2120                                                    | 7.25                  | 74300                                                   | 4.1                                             |                                                    |     |        |                            |     |        |
| 45                                                       | 9620                                                    | 32.91                 | 41700                                                   | 0.85                                            |                                                    |     |        | KH<br>KH<br>KH<br>KH<br>KH | 130 | D225M4 |
| 53                                                       | 8130                                                    | 27.83                 | 51200                                                   | 0.95                                            |                                                    |     |        |                            |     |        |
| 61                                                       | 7050                                                    | 24.12                 | 52400                                                   | 1.15                                            |                                                    |     |        | KH<br>KH<br>KH<br>KH<br>KH | 130 | D225M4 |
| 67                                                       | 6430                                                    | 22.00                 | 52900                                                   | 1.25                                            |                                                    |     |        |                            |     |        |
| 77                                                       | 5570                                                    | 19.04                 | 53300                                                   | 1.45                                            |                                                    |     |        |                            |     |        |
| 88                                                       | 4910                                                    | 16.80                 | 53400                                                   | 1.65                                            |                                                    |     |        |                            |     |        |
| 101                                                      | 4240                                                    | 14.51                 | 53200                                                   | 1.90                                            | KH<br>KH<br>KH<br>KH<br>KH<br>KH<br>KH             | 130 | D225M4 |                            |     |        |
| 115                                                      | 3750                                                    | 12.83                 | 52800                                                   | 2.1                                             |                                                    |     |        |                            |     |        |
| 136                                                      | 3150                                                    | 10.79                 | 51900                                                   | 2.5                                             |                                                    |     |        |                            |     |        |
| 169                                                      | 2550                                                    | 8.71                  | 50500                                                   | 3.1                                             |                                                    |     |        |                            |     |        |
| 194                                                      | 2220                                                    | 7.59                  | 50200                                                   | 2.3                                             |                                                    |     |        |                            |     |        |
| 230                                                      | 1860                                                    | 6.38                  | 48700                                                   | 2.7                                             |                                                    |     |        |                            |     |        |
| 285                                                      | 1510                                                    | 5.15                  | 46700                                                   | 3.0                                             |                                                    |     |        |                            |     |        |
| 94                                                       | 4580                                                    | 15.65                 | 14600                                                   | 0.95                                            | KH<br>KH<br>KH<br>KH<br>KH<br>KH<br>KH<br>KH<br>KH | 100 | D225M4 |                            |     |        |
| 108                                                      | 3990                                                    | 13.66                 | 14600                                                   | 1.10                                            |                                                    |     |        |                            |     |        |
| 127                                                      | 3390                                                    | 11.59                 | 14400                                                   | 1.25                                            |                                                    |     |        |                            |     |        |
| 145                                                      | 2960                                                    | 10.13                 | 14300                                                   | 1.45                                            |                                                    |     |        |                            |     |        |
| 172                                                      | 2500                                                    | 8.56                  | 14000                                                   | 1.70                                            |                                                    |     |        |                            |     |        |
| 187                                                      | 2300                                                    | 7.86                  | 14400                                                   | 1.30                                            |                                                    |     |        |                            |     |        |
| 221                                                      | 1950                                                    | 6.66                  | 14000                                                   | 1.50                                            |                                                    |     |        |                            |     |        |
| 252                                                      | 1700                                                    | 5.82                  | 13600                                                   | 1.75                                            |                                                    |     |        |                            |     |        |
| 299                                                      | 1440                                                    | 4.92                  | 13100                                                   | 2.0                                             |                                                    |     |        |                            |     |        |
| 434                                                      | 990                                                     | 3.38                  | 1360                                                    | 0.85                                            | KH<br>KH<br>KH<br>KH<br>KH<br>KH<br>KH             | 100 | D225M4 |                            |     |        |
| 479                                                      | 900                                                     | 3.07                  | 2080                                                    | 0.90                                            |                                                    |     |        |                            |     |        |
| 557                                                      | 770                                                     | 2.64                  | 2970                                                    | 1.10                                            |                                                    |     |        |                            |     |        |
| 638                                                      | 675                                                     | 2.30                  | 3640                                                    | 1.25                                            |                                                    |     |        |                            |     |        |
| 752                                                      | 570                                                     | 1.95                  | 4200                                                    | 1.35                                            |                                                    |     |        |                            |     |        |
| 860                                                      | 500                                                     | 1.71                  | 4540                                                    | 1.40                                            |                                                    |     |        |                            |     |        |
| 1020                                                     | 420                                                     | 1.44                  | 4880                                                    | 1.55                                            |                                                    |     |        |                            |     |        |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model                                 |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|----------------------------------------------|
| 55kW                                                     |                                                         |                       |                                                         |                                                 |                                              |
| 25                                                       | 20900                                                   | 58.65                 | 120000                                                  | 0.85                                            | KH<br>KH<br>KH<br>KH<br>KH<br>KH<br>KH       |
| 29                                                       | 18400                                                   | 51.76                 | 120000                                                  | 1.00                                            |                                              |
| 33                                                       | 16000                                                   | 44.87                 | 120000                                                  | 1.15                                            |                                              |
| 37                                                       | 14200                                                   | 39.92                 | 120000                                                  | 1.25                                            |                                              |
| 43                                                       | 12300                                                   | 34.41                 | 120000                                                  | 1.45                                            |                                              |
| 53                                                       | 9960                                                    | 27.96                 | 120000                                                  | 1.80                                            |                                              |
| 62                                                       | 8440                                                    | 23.71                 | 120000                                                  | 2.1                                             |                                              |
| 60                                                       | 8750                                                    | 24.57                 | 120000                                                  | 1.60                                            | KH<br>KH<br>KH                               |
| 68                                                       | 7780                                                    | 21.85                 | 120000                                                  | 1.65                                            |                                              |
| 77                                                       | 6780                                                    | 19.03                 | 120000                                                  | 2.4                                             |                                              |
| 87                                                       | 6050                                                    | 16.98                 | 120000                                                  | 2.5                                             | KH<br>KH<br>KH                               |
| 102                                                      | 5150                                                    | 14.48                 | 120000                                                  | 3.5                                             |                                              |
| 123                                                      | 4270                                                    | 11.99                 | 120000                                                  | 4.0                                             |                                              |
| 32                                                       | 16600                                                   | 46.65                 | 26600                                                   | 0.80                                            | KH<br>KH<br>KH<br>KH<br>KH                   |
| 37                                                       | 14300                                                   | 40.29                 | 58200                                                   | 0.90                                            |                                              |
| 41                                                       | 12700                                                   | 35.64                 | 63300                                                   | 1.00                                            |                                              |
| 49                                                       | 10700                                                   | 29.95                 | 66800                                                   | 1.20                                            |                                              |
| 61                                                       | 8610                                                    | 24.19                 | 69600                                                   | 1.40                                            |                                              |
| 72                                                       | 7280                                                    | 20.44                 | 71100                                                   | 1.65                                            | KH<br>KH<br>KH<br>KH                         |
| 82                                                       | 6420                                                    | 18.04                 | 71900                                                   | 1.65                                            |                                              |
| 94                                                       | 5570                                                    | 15.64                 | 72500                                                   | 2.3                                             |                                              |
| 106                                                      | 4950                                                    | 13.91                 | 73000                                                   | 2.5                                             |                                              |
| 123                                                      | 4270                                                    | 11.99                 | 73400                                                   | 3.0                                             | KH<br>KH<br>KH<br>KH                         |
| 151                                                      | 3470                                                    | 9.74                  | 73800                                                   | 3.8                                             |                                              |
| 203                                                      | 2580                                                    | 7.25                  | 74200                                                   | 3.4                                             |                                              |
| 250                                                      | 2100                                                    | 5.89                  | 72500                                                   | 4.1                                             |                                              |
| 77                                                       | 6780                                                    | 19.04                 | 47800                                                   | 1.20                                            | KH<br>KH<br>KH                               |
| 88                                                       | 5980                                                    | 16.80                 | 48500                                                   | 1.35                                            |                                              |
| 102                                                      | 5170                                                    | 14.51                 | 48900                                                   | 1.55                                            |                                              |
| 115                                                      | 4570                                                    | 12.83                 | 49000                                                   | 1.75                                            | KH<br>KH<br>KH<br>KH<br>KH<br>KH<br>KH       |
| 137                                                      | 3840                                                    | 10.79                 | 48800                                                   | 2.1                                             |                                              |
| 169                                                      | 3100                                                    | 8.71                  | 48000                                                   | 2.5                                             |                                              |
| 194                                                      | 2700                                                    | 7.59                  | 48100                                                   | 1.90                                            |                                              |
| 231                                                      | 2270                                                    | 6.38                  | 46900                                                   | 2.2                                             |                                              |
| 286                                                      | 1830                                                    | 5.15                  | 45200                                                   | 2.5                                             |                                              |
| 75kW                                                     |                                                         |                       |                                                         |                                                 |                                              |
| 33                                                       | 21700                                                   | 44.87                 | 120000                                                  | 0.85                                            | KH<br>KH<br>KH<br>KH<br>KH                   |
| 37                                                       | 19300                                                   | 39.92                 | 120000                                                  | 0.95                                            |                                              |
| 43                                                       | 16700                                                   | 34.41                 | 120000                                                  | 1.10                                            |                                              |
| 53                                                       | 13500                                                   | 27.96                 | 120000                                                  | 1.35                                            |                                              |
| 62                                                       | 11500                                                   | 23.71                 | 120000                                                  | 1.55                                            |                                              |
| 60                                                       | 11900                                                   | 24.57                 | 120000                                                  | 1.20                                            | KH<br>KH<br>KH                               |
| 68                                                       | 10600                                                   | 21.85                 | 120000                                                  | 1.25                                            |                                              |
| 78                                                       | 9210                                                    | 19.03                 | 120000                                                  | 1.75                                            |                                              |
| 87                                                       | 8220                                                    | 16.98                 | 120000                                                  | 1.85                                            | KH<br>KH<br>KH<br>KH<br>KH                   |
| 102                                                      | 7000                                                    | 14.48                 | 120000                                                  | 2.6                                             |                                              |
| 123                                                      | 5800                                                    | 11.99                 | 116600                                                  | 2.9                                             |                                              |
| 145                                                      | 4950                                                    | 10.24                 | 112800                                                  | 3.4                                             |                                              |
| 49                                                       | 14500                                                   | 29.95                 | 56500                                                   | 0.90                                            |                                              |
| 61                                                       | 11700                                                   | 24.19                 | 65100                                                   | 1.00                                            | KH<br>KH<br>KH<br>KH                         |
| 72                                                       | 9890                                                    | 20.44                 | 67900                                                   | 1.20                                            |                                              |
| 82                                                       | 8730                                                    | 18.04                 | 69500                                                   | 1.20                                            |                                              |
| 95                                                       | 7570                                                    | 15.64                 | 70800                                                   | 1.70                                            |                                              |
| 106                                                      | 6730                                                    | 13.91                 | 71600                                                   | 1.85                                            | KH<br>KH<br>KH<br>KH<br>KH<br>KH<br>KH<br>KH |
| 123                                                      | 5800                                                    | 11.99                 | 72400                                                   | 2.2                                             |                                              |
| 152                                                      | 4710                                                    | 9.74                  | 73100                                                   | 2.8                                             |                                              |
| 179                                                      | 4000                                                    | 8.26                  | 73500                                                   | 3.2                                             |                                              |
| 204                                                      | 3510                                                    | 7.25                  | 73100                                                   | 2.5                                             |                                              |
| 251                                                      | 2850                                                    | 5.89                  | 70100                                                   | 3.0                                             |                                              |
| 296                                                      | 2420                                                    | 5.00                  | 67600                                                   | 3.6                                             |                                              |
| 90kW                                                     |                                                         |                       |                                                         |                                                 |                                              |
| 37                                                       | 23200                                                   | 39.92                 | 120000                                                  | 0.80                                            | KH<br>KH<br>KH<br>KH                         |
| 43                                                       | 20000                                                   | 34.41                 | 120000                                                  | 0.90                                            |                                              |
| 53                                                       | 16200                                                   | 27.96                 | 120000                                                  | 1.10                                            |                                              |
| 62                                                       | 13800                                                   | 23.71                 | 120000                                                  | 1.30                                            |                                              |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model                     |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|----------------------------------|
| 90kW                                                     |                                                         |                       |                                                         |                                                 |                                  |
| 60                                                       | 14300                                                   | 24.57                 | 120000                                                  | 1.00                                            | KH<br>KH<br>KH<br>KH             |
| 68                                                       | 12700                                                   | 21.85                 | 120000                                                  | 1.00                                            |                                  |
| 78                                                       | 11100                                                   | 19.03                 | 120000                                                  | 1.45                                            |                                  |
| 87                                                       | 9860                                                    | 16.98                 | 120000                                                  | 1.50                                            |                                  |
| 102                                                      | 8410                                                    | 14.48                 | 117300                                                  | 2.1                                             | KH<br>KH<br>KH<br>KH             |
| 123                                                      | 6960                                                    | 11.99                 | 113500                                                  | 2.4                                             |                                  |
| 145                                                      | 5940                                                    | 10.24                 | 110100                                                  | 2.9                                             |                                  |
| 72                                                       | 11900                                                   | 20.44                 | 64800                                                   | 1.00                                            | KH<br>KH<br>KH<br>KH             |
| 82                                                       | 10500                                                   | 18.04                 | 67100                                                   | 1.00                                            |                                  |
| 95                                                       | 9080                                                    | 15.64                 | 69000                                                   | 1.45                                            |                                  |
| 106                                                      | 8080                                                    | 13.91                 | 70200                                                   | 1.55                                            |                                  |
| 123                                                      | 6960                                                    | 11.99                 | 71400                                                   | 1.85                                            | KH<br>KH<br>KH<br>KH<br>KH<br>KH |
| 152                                                      | 5660                                                    | 9.74                  | 72500                                                   | 2.3                                             |                                  |
| 179                                                      | 4800                                                    | 8.26                  | 73000                                                   | 2.7                                             |                                  |
| 204                                                      | 4210                                                    | 7.25                  | 70900                                                   | 2.1                                             |                                  |
| 251                                                      | 3420                                                    | 5.89                  | 68300                                                   | 2.5                                             |                                  |
| 296                                                      | 2900                                                    | 5.00                  | 66100                                                   | 3.0                                             |                                  |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model |            |                    |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------|------------|--------------------|
| 110kW                                                    |                                                         |                       |                                                         |                                                 |              |            |                    |
| 53                                                       | 19800                                                   | 27.96                 | 117100                                                  | 0.90                                            | KH           | 160        | D315S4             |
| 63                                                       | 16800                                                   | 23.71                 | 116900                                                  | 1.05                                            | KHF          | 160        | D315S4             |
| 78                                                       | 13500                                                   | 19.03                 | 115500                                                  | 1.20                                            | KH<br>KHF    | 160<br>160 | D315S4<br>D315S4   |
| 87                                                       | 12000                                                   | 16.98                 | 114300                                                  | 1.25                                            |              |            |                    |
| 103                                                      | 10200                                                   | 14.48                 | 112200                                                  | 1.75                                            |              |            |                    |
| 124                                                      | 8480                                                    | 11.99                 | 109300                                                  | 2.0                                             |              |            |                    |
| 145                                                      | 7240                                                    | 10.24                 | 106500                                                  | 2.3                                             |              |            |                    |
| 132kW                                                    |                                                         |                       |                                                         |                                                 |              |            |                    |
| 63                                                       | 20100                                                   | 23.71                 | 107900                                                  | 0.90                                            | KH<br>KHF    | 160<br>160 | D315M4<br>D315M4   |
| 78                                                       | 16200                                                   | 19.03                 | 108300                                                  | 1.00                                            | KH<br>KHF    | 160<br>160 | D315M4<br>D315M4   |
| 87                                                       | 14400                                                   | 16.98                 | 107800                                                  | 1.05                                            |              |            |                    |
| 103                                                      | 12300                                                   | 14.48                 | 106700                                                  | 1.45                                            |              |            |                    |
| 124                                                      | 10200                                                   | 11.99                 | 104700                                                  | 1.65                                            |              |            |                    |
| 145                                                      | 8690                                                    | 10.24                 | 102600                                                  | 1.95                                            |              |            |                    |
| 160kW                                                    |                                                         |                       |                                                         |                                                 |              |            |                    |
| 103                                                      | 14900                                                   | 14.48                 | 99700                                                   | 1.20                                            | KH<br>KHF    | 160<br>160 | D315M4a<br>D315M4a |
| 124                                                      | 12300                                                   | 11.99                 | 98900                                                   | 1.40                                            |              |            |                    |
| 145                                                      | 10500                                                   | 10.24                 | 97600                                                   | 1.60                                            |              |            |                    |
|                                                          |                                                         |                       |                                                         |                                                 |              |            |                    |

KH..

KSA..  
KBA..  
KWA..



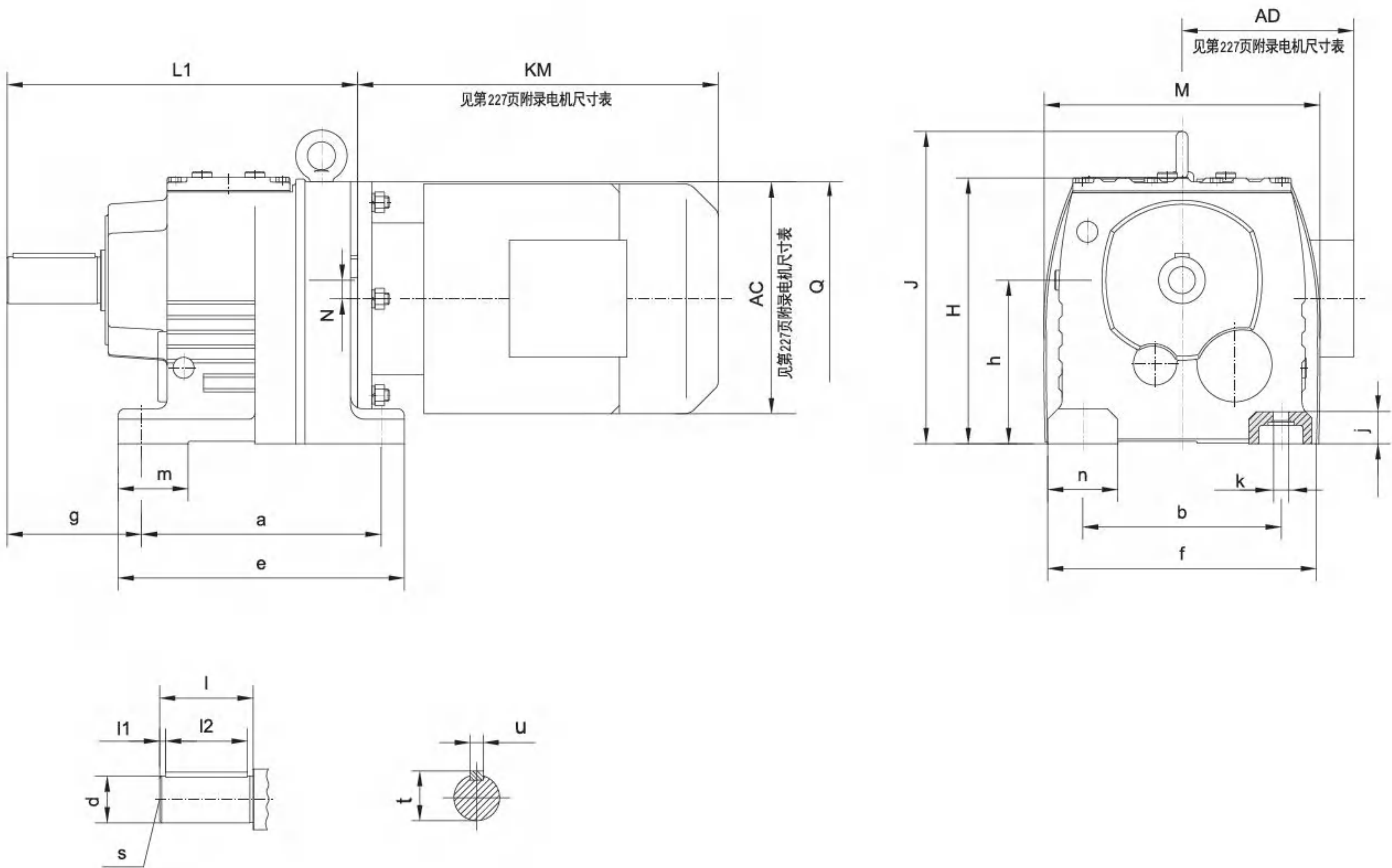
KH..

KS..

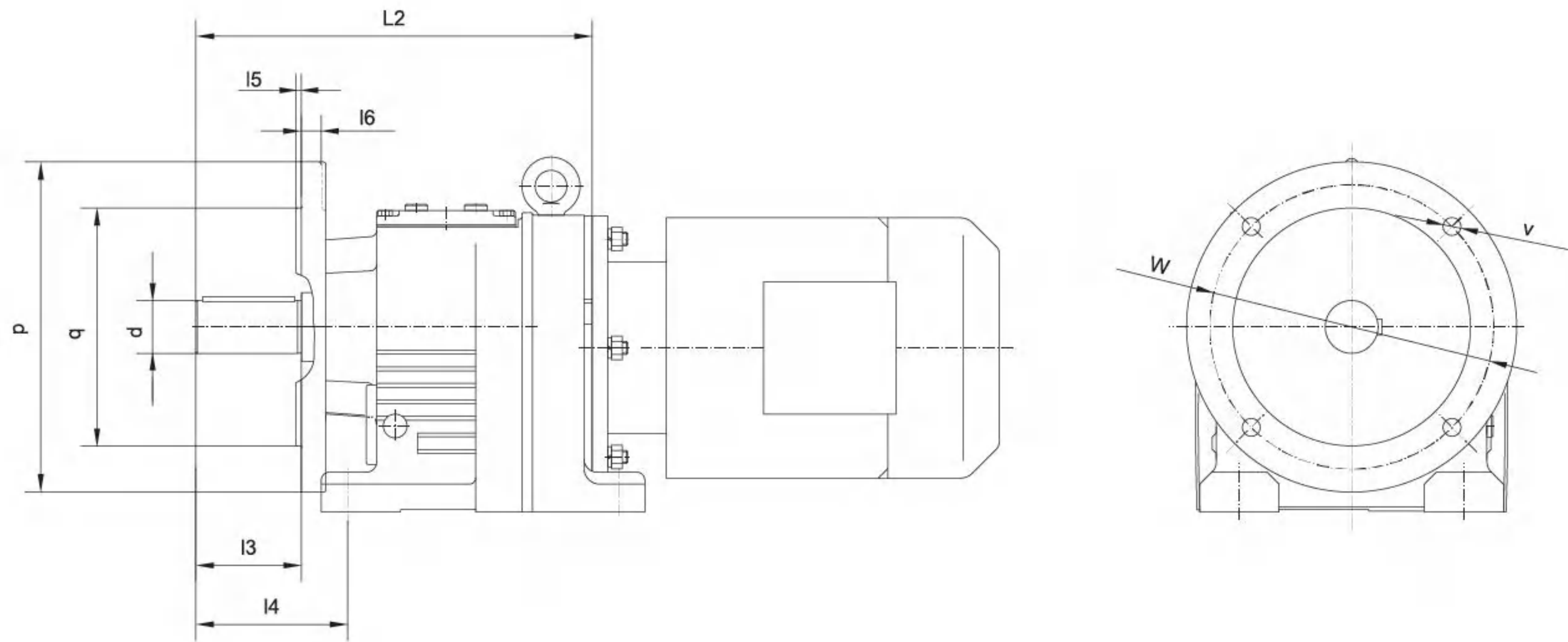
KB..

KW..

KH10..~KH160..



KH10F..~KH80F..



KH..

KS..

KB..

KW..

| 型号<br>size         | a<br>b                | e<br>f         | g              | h                                | j           | k    | m<br>n   | 轴伸尺寸 Shaft dimension |                |                                  |      |            |
|--------------------|-----------------------|----------------|----------------|----------------------------------|-------------|------|----------|----------------------|----------------|----------------------------------|------|------------|
|                    |                       |                |                |                                  |             |      |          | d                    | l              | l <sub>1</sub><br>l <sub>2</sub> | s    | t<br>u     |
| KH10..<br>KH10F..  | 110<br>110            | 131<br>135     | 58             | 75 <sub>-0.5</sub>               | 12          | 9    | 28<br>25 | 20k6                 | 40             | 4<br>32                          | M6   | 22.5<br>6  |
| Kh20..<br>KH20F..  | 130<br>110            | 152<br>145     | 75             | 90 <sub>-0.5</sub>               | 18          | 9    | 27<br>32 | 25k6                 | 50             | 3.5<br>40                        | M10  | 28<br>8    |
| KH300..<br>KH30F.. | 130<br>110            | 160<br>145     | 75             | 90 <sub>-0.5</sub>               | 18          | 9    | 40<br>35 | 25k6                 | 50             | 3.5<br>40                        | M10  | 28<br>8    |
| KH40..<br>KH40F..  | 165<br>135            | 195<br>170     | 90             | 115 <sub>-0.5</sub>              | 24          | 13.5 | 50<br>42 | 30k6                 | 60             | 3.5<br>50                        | M10  | 33<br>8    |
| KH50..<br>KH50F..  | 165<br>135            | 200<br>190     | 100            | 115 <sub>-0.5</sub>              | 24          | 13.5 | 60<br>55 | 35k6                 | 70             | 7<br>56                          | M12  | 38<br>10   |
| KH60..<br>KH60F..  | 195<br>150            | 235<br>210     | 100            | 130 <sub>-0.5</sub>              | 30          | 14   | 60<br>60 | 35k6                 | 70             | 7<br>56                          | M12  | 38<br>10   |
| KH70..<br>KH70F..  | 205<br>170            | 245<br>230     | 115            | 140 <sub>-0.5</sub>              | 30          | 17.5 | 60<br>60 | 40k6                 | 80             | 5<br>70                          | M16  | 43<br>12   |
| KH80..<br>KH80F..  | 260<br>215            | 310<br>290     | 140            | 180 <sub>-0.5</sub>              | 45          | 17.5 | 90<br>75 | 50k6                 | 100            | 10<br>80                         | M16  | 53.5<br>14 |
| 型号<br>size         | 法兰尺寸 flange dimension |                |                |                                  |             | H    | J        | L <sub>1</sub>       | L <sub>2</sub> | M                                | N    | Q          |
|                    | P<br>q                | l <sub>3</sub> | l <sub>4</sub> | L <sub>5</sub><br>l <sub>6</sub> | V<br>w      |      |          |                      |                |                                  |      |            |
| KH10..<br>KH10F..  | 120<br>80j6           | 40             | 66             | 3<br>8                           | 6.5<br>100  | 134  | /        | 207                  | 215            | 140                              | 0    | /          |
| Kh20..<br>KH20F..  | 120<br>80j6           | 50             | 81             | 3<br>8                           | 6.5<br>100  | 147  | /        | 193                  | 199            | 151                              | 3.4  | 120        |
| KH300..<br>KH30F.. | 120<br>80j6           | 50             | 81             | 3<br>8                           | 6.6<br>100  | 151  | /        | 201                  | 207            | 145                              | 10.1 | 120        |
| KH40..<br>KH40F..  | 140<br>95j6           | 60             | 90             | 3<br>10                          | 9<br>115    | 187  | /        | 235                  | 235            | 178                              | 14   | 160        |
| KH50..<br>KH50F..  | 160<br>110j6          | 70             | 100            | 3.5<br>10                        | 9<br>130    | 187  | /        | 257                  | 257            | 202                              | 11.2 | 160        |
| KH60..<br>KH60F..  | 200<br>130j6          | 70             | 100            | 3.5<br>12                        | 11<br>165   | 212  | 243      | 280                  | 280            | 215                              | 20.7 | 160        |
| KH70..<br>KH70F..  | 250<br>180j6          | 80             | 115            | 4<br>15                          | 13.5<br>215 | 228  | 269      | 300                  | 300            | 235                              | 15.9 | 200        |
| KH80..<br>KH80F..  | 300<br>230j6          | 100            | 140            | 4<br>16                          | 13.5<br>265 | 295  | 345      | 372                  | 372            | 297                              | 12.6 | 250        |

| 型号<br>size | a<br>b     | e<br>f     | g   | h                   | j   | k  | m<br>n     | 轴伸尺寸 Shaftdimension |     |                                  |     |            | H   | J   | L<br>M     | N    | Q   |
|------------|------------|------------|-----|---------------------|-----|----|------------|---------------------|-----|----------------------------------|-----|------------|-----|-----|------------|------|-----|
|            |            |            |     |                     |     |    |            | d                   | l   | l <sub>1</sub><br>l <sub>2</sub> | s   | t<br>u     |     |     |            |      |     |
| KH90..     | 310<br>250 | 365<br>340 | 160 | 225 <sub>-0.5</sub> | 55  | 22 | 100<br>90  | 60m6                | 120 | 5<br>110                         | M20 | 64<br>18   | 368 | 418 | 440<br>348 | 10.2 | 300 |
| KH100..    | 370<br>290 | 440<br>400 | 185 | 250 <sub>-0.5</sub> | 65  | 26 | 125<br>110 | 70m6                | 140 | 7.5<br>125                       | M20 | 74.5<br>20 | 408 | 475 | 495<br>409 | 20.4 | 350 |
| KH130..    | 410<br>340 | 490<br>450 | 220 | 315 <sub>-1</sub>   | 70  | 33 | 130<br>110 | 90m6                | 170 | 5<br>160                         | M24 | 95<br>25   | 495 | 562 | 589<br>458 | 25.1 | 400 |
| KH140..    | 500<br>380 | 590<br>530 | 260 | 355 <sub>-1</sub>   | 80  | 39 | 150<br>150 | 110m6               | 210 | 15<br>180                        | M24 | 116<br>28  | 565 | 637 | 695<br>540 | 33.4 | 450 |
| KH160..    | 580<br>500 | 670<br>660 | 270 | 425 <sub>-1</sub>   | 100 | 39 | 160<br>160 | 120m6               | 210 | 5<br>200                         | M24 | 127<br>32  | 675 | 749 | 790<br>670 | 59.9 | 550 |



**KHF10..~KHF160..**

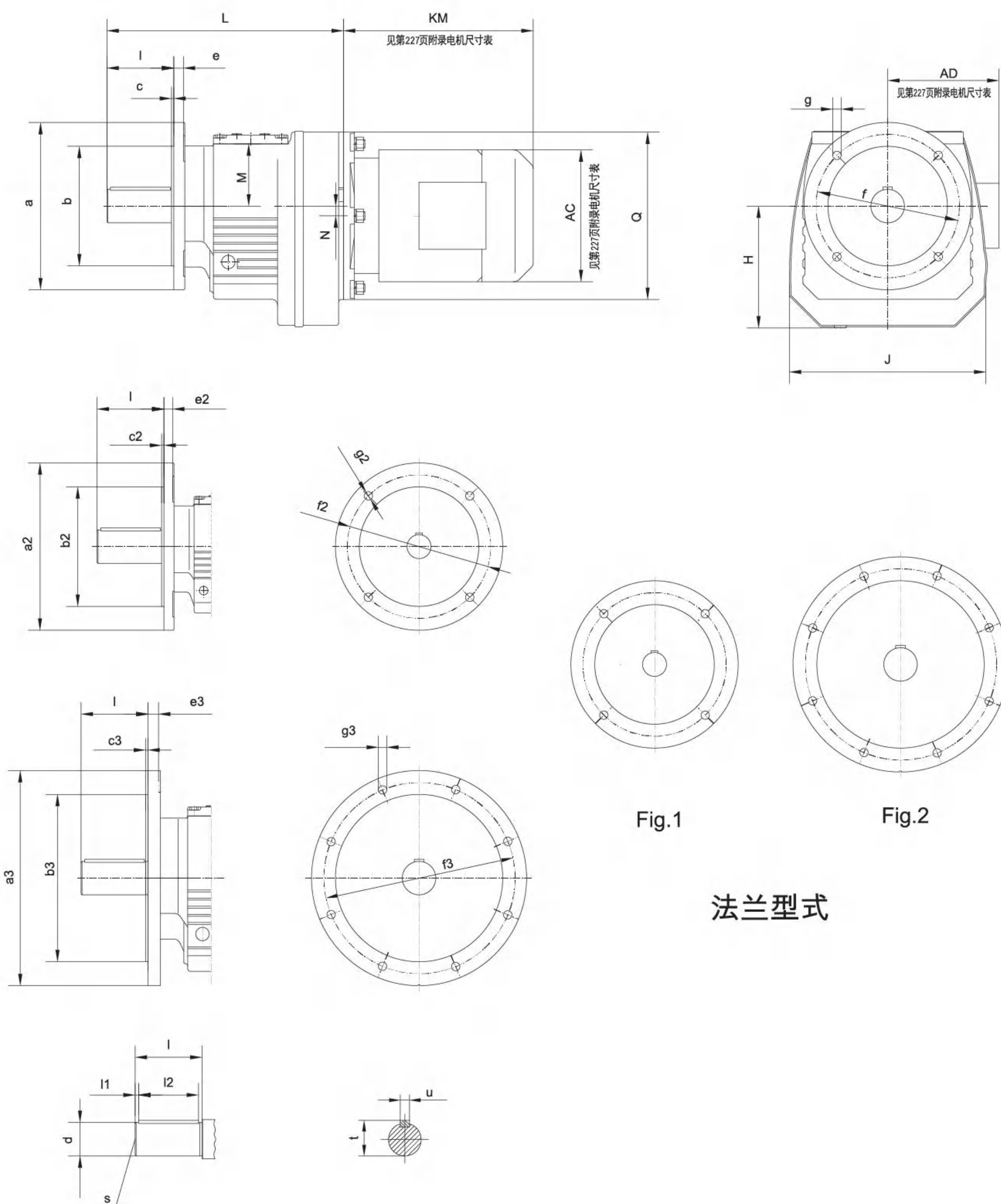


Fig.1

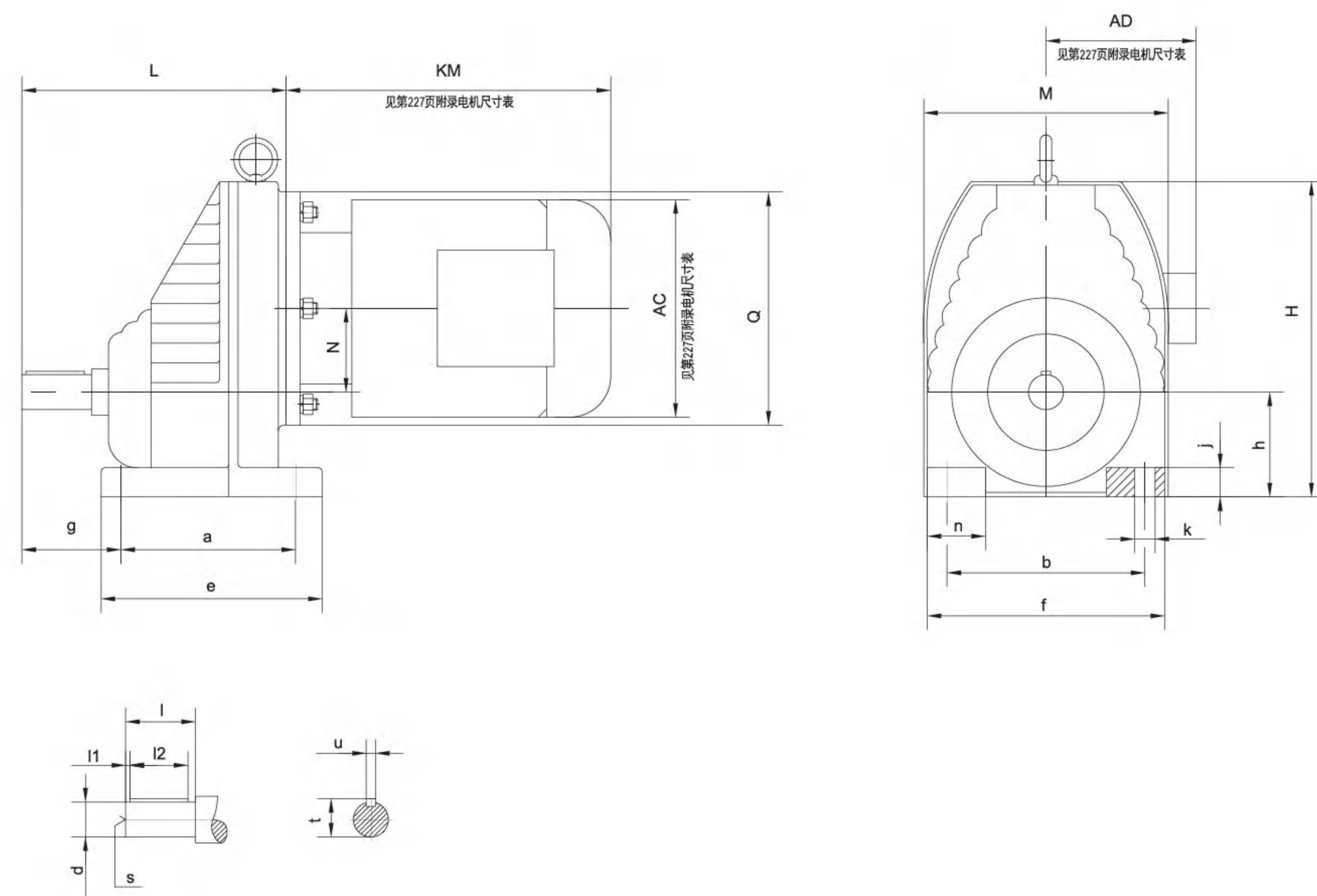
Fig.2

### 法兰型式

| 型号<br>size | 法兰<br>尺寸<br>flange<br>dimension | a<br>a <sub>2</sub><br>a <sub>3</sub> | b<br>b <sub>2</sub><br>b <sub>3</sub> | c<br>c <sub>2</sub><br>c <sub>3</sub> | e<br>e <sub>2</sub><br>e <sub>3</sub> | f<br>f <sub>2</sub><br>f <sub>3</sub> | g<br>g <sub>2</sub><br>g <sub>3</sub> | H<br>J<br>K       | L<br>M<br>N        | Q   | 轴伸尺寸 Shaftdimension |     |                                  |     |            |
|------------|---------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|-------------------|--------------------|-----|---------------------|-----|----------------------------------|-----|------------|
|            |                                 |                                       |                                       |                                       |                                       |                                       |                                       |                   |                    |     | d                   | l   | l <sub>1</sub><br>l <sub>2</sub> | s   | t<br>u     |
| KHF10..    | Fig.1                           | 120<br>140<br>/                       | 80j6<br>95j6<br>/                     | 3<br>3<br>/                           | 8<br>9<br>/                           | 100<br>115<br>/                       | 6.5<br>8.5<br>/                       | 76<br>130<br>/    | 215<br>59<br>0     | /   | 20k6                | 40  | 4<br>32                          | M6  | 22.5<br>6  |
| KHF20..    | Fig.1                           | 120<br>140<br>160                     | 80j6<br>95j6<br>110j6                 | 3<br>3<br>3.5                         | 8<br>9<br>10                          | 100<br>115<br>130                     | 6.5<br>8.5<br>8.5                     | 92<br>142<br>/    | 199<br>57<br>3.4   | 120 | 25k6                | 50  | 3.5<br>40                        | M10 | 28<br>8    |
| KHF30..    | Fig.1                           | 120<br>160<br>200                     | 80j6<br>110j6<br>130j6                | 3<br>3.5<br>3.5                       | 8<br>10<br>12                         | 100<br>130<br>165                     | 6.6<br>9<br>11                        | 94<br>161<br>/    | 207<br>61<br>10.1  | 120 | 25k6                | 50  | 3.5<br>40                        | M10 | 28<br>8    |
| KHF40..    | Fig.1                           | 140<br>160<br>200                     | 95j6<br>110j6<br>130j6                | 3<br>3.5<br>3.5                       | 10<br>10<br>12                        | 115<br>130<br>165                     | 9<br>9<br>11                          | 118<br>178<br>/   | 235<br>72<br>14    | 160 | 30k6                | 60  | 3.5<br>50                        | M10 | 33<br>8    |
| KHF50..    | Fig.1                           | 160<br>200<br>250                     | 110j6<br>130j6<br>180j6               | 3.5<br>3.5<br>4                       | 10<br>12<br>15                        | 130<br>165<br>215                     | 9<br>11<br>13.5                       | 121<br>202<br>/   | 257<br>72<br>11.2  | 160 | 35k6                | 70  | 7<br>56                          | M12 | 38<br>10   |
| KHF60..    | Fig.1                           | 200<br>250<br>/                       | 130j6<br>180j6<br>/                   | 3.5<br>4<br>/                         | 12<br>15<br>/                         | 165<br>215<br>/                       | 11<br>13.5<br>/                       | 134<br>215<br>113 | 280<br>82<br>20.7  | 160 | 35k6                | 70  | 7<br>56                          | M12 | 38<br>10   |
| KHF70..    | Fig.1                           | 250<br>300<br>/                       | 180j6<br>230j6<br>/                   | 4<br>4<br>/                           | 15<br>18.5<br>/                       | 215<br>265<br>/                       | 13.5<br>13.5<br>/                     | 144<br>235<br>129 | 300<br>88<br>15.9  | 200 | 40k6                | 80  | 5<br>70                          | M16 | 43<br>12   |
| KHF80..    | Fig.1                           | 300<br>350<br>/                       | 230j6<br>250h6<br>/                   | 4<br>5<br>/                           | 16<br>18<br>/                         | 265<br>300<br>/                       | 13.5<br>17.5<br>/                     | 184<br>297<br>165 | 372<br>115<br>12.6 | 250 | 50k6                | 100 | 10<br>80                         | M16 | 53.5<br>14 |
| KHF90..    | Fig.1<br>Fig.2<br>/             | 350<br>450<br>/                       | 250h6<br>350h6<br>/                   | 5<br>5<br>/                           | 18<br>22<br>/                         | 300<br>400<br>/                       | 17.5<br>17.5<br>/                     | 230<br>348<br>193 | 440<br>144<br>10.2 | 300 | 60m6                | 120 | 5<br>110                         | M20 | 64<br>18   |
| KHF100..   | Fig.1<br>Fig.2<br>/             | 350<br>450<br>/                       | 250h6<br>350h6<br>/                   | 5<br>5<br>/                           | 20<br>22<br>/                         | 300<br>400<br>/                       | 17.5<br>17.5<br>/                     | 255<br>409<br>224 | 495<br>158<br>20.4 | 350 | 70m6                | 140 | 7.5<br>125                       | M20 | 74.5<br>20 |
| KHF130..   | Fig.2                           | 450<br>550<br>/                       | 350h6<br>450h6<br>/                   | 5<br>5<br>/                           | 22<br>25<br>/                         | 400<br>500<br>/                       | 17.5<br>17.5<br>/                     | 320<br>458<br>247 | 589<br>180<br>25.1 | 400 | 90m6                | 170 | 5<br>160                         | M24 | 95<br>25   |
| KHF140..   | Fig.2                           | 450<br>550<br>/                       | 350h6<br>450h6<br>/                   | 5<br>5<br>/                           | 22<br>25<br>/                         | 400<br>500<br>/                       | 17.5<br>17.5<br>/                     | 361<br>540<br>285 | 695<br>210<br>33.4 | 450 | 110m6               | 210 | 15<br>180                        | M24 | 116<br>28  |
| KHF160..   | Fig.2                           | 550<br>660<br>/                       | 450h6<br>550h6<br>/                   | 5<br>6<br>/                           | 25<br>28<br>/                         | 500<br>600<br>/                       | 17.5<br>22<br>/                       | 430<br>670<br>324 | 790<br>250<br>59.9 | 550 | 120m6               | 210 | 5<br>200                         | M24 | 127<br>32  |



**KHX50..~KHX100..**



**KHXF50..~KHXF100..**

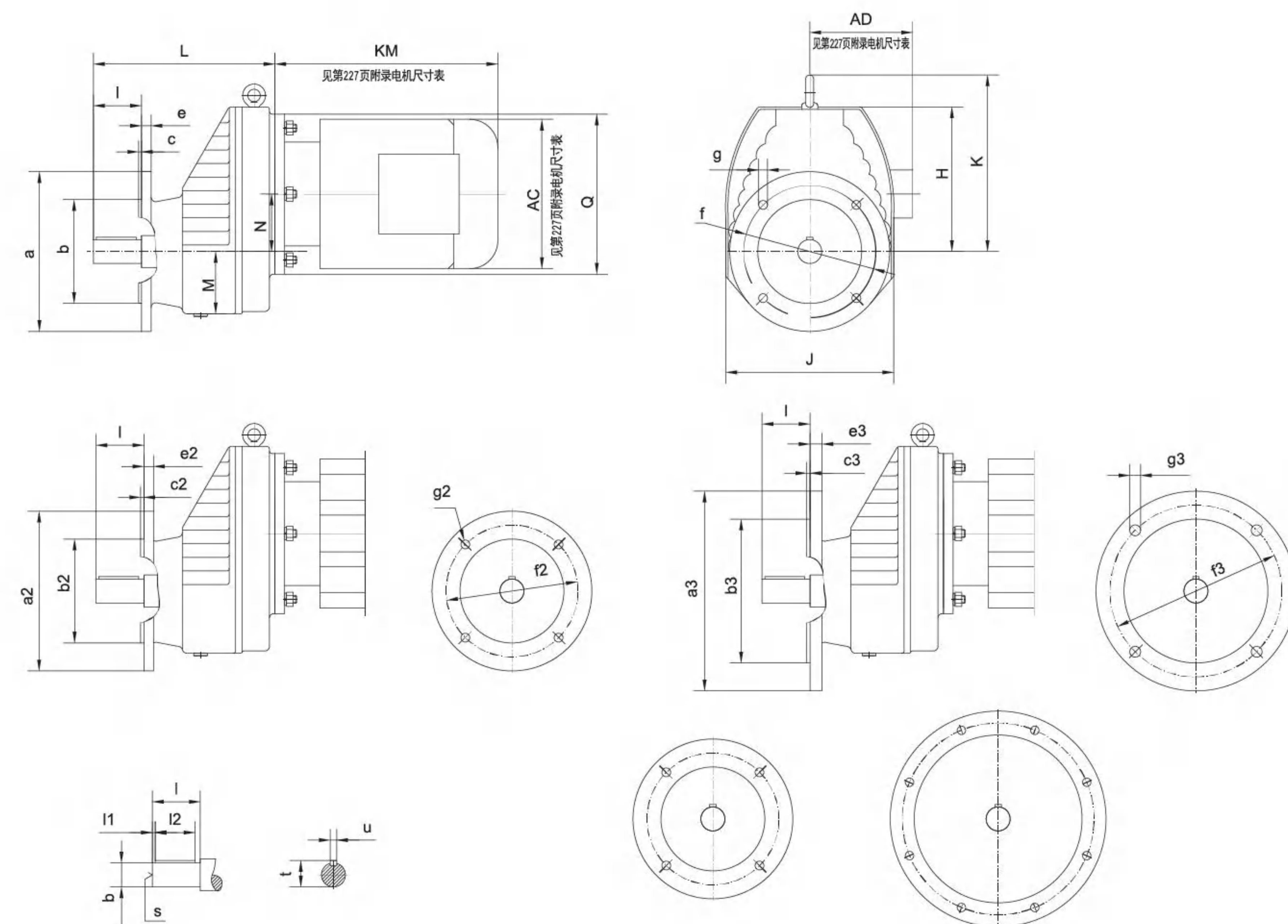


Fig.1

Fig.2

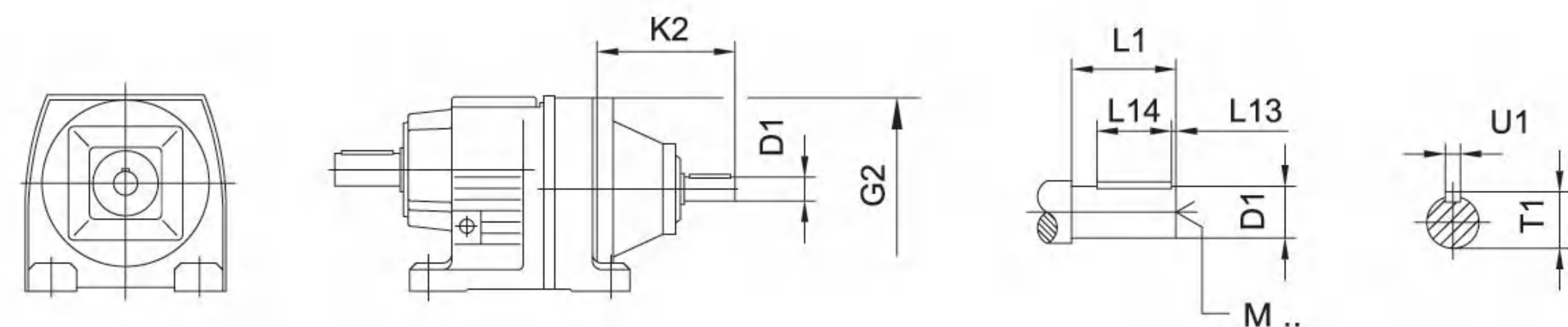
法兰型式

| 型号<br>size | a<br>b     | e<br>f     | g   | h       | j  | k    | n  | 轴伸尺寸 Shaftdimension |     |           |     |            | H   | J   | L<br>M     | N    | Q   |
|------------|------------|------------|-----|---------|----|------|----|---------------------|-----|-----------|-----|------------|-----|-----|------------|------|-----|
|            |            |            |     |         |    |      |    | d                   | l   | l1<br>l2  | s   | t<br>u     |     |     |            |      |     |
| KHX50..    | 110<br>125 | 137<br>156 | 56  | 63-0.5  | 18 | 11   | 31 | 20k6                | 40  | 3.5<br>32 | M6  | 22.5<br>6  | 202 | /   | 174<br>162 | 52   | 160 |
| KHX60..    | 120<br>135 | 150<br>170 | 75  | 80-0.5  | 20 | 13.5 | 35 | 25k6                | 50  | 3.5<br>40 | M10 | 28<br>8    | 226 | /   | 201<br>176 | 60   | 160 |
| KHX70..    | 150<br>170 | 190<br>204 | 85  | 90-0.5  | 25 | 17.5 | 50 | 30k6                | 60  | 3.5<br>50 | M10 | 33<br>8    | 271 | 311 | 227<br>210 | 72   | 200 |
| KHX80..    | 160<br>215 | 206<br>266 | 110 | 100-0.5 | 30 | 17.5 | 60 | 40k6                | 80  | 5<br>70   | M16 | 43<br>12   | 332 | 372 | 269<br>272 | 93.5 | 250 |
| KHX90..    | 185<br>250 | 240<br>320 | 140 | 112-0.5 | 35 | 22   | 70 | 50k6                | 100 | 10<br>80  | M16 | 53.5<br>14 | 393 | 440 | 316<br>328 | 116  | 300 |
| KHX100..   | 210<br>310 | 260<br>360 | 152 | 140-0.5 | 45 | 22   | 80 | 60m6                | 120 | 5<br>110  | M20 | 64<br>18   | 459 | 506 | 364<br>370 | 130  | 350 |

| 型号<br>size | 法兰<br>尺寸<br>flange<br>dimension | a<br>a2<br>a3     | b<br>b2<br>b3           | c<br>c2<br>c3   | e<br>e2<br>e3  | f<br>f2<br>f3     | g<br>g2<br>g3     | H<br>J<br>K       | L<br>M<br>N       | Q   | 轴伸尺寸 Shaftdimension |     |           |     |            |
|------------|---------------------------------|-------------------|-------------------------|-----------------|----------------|-------------------|-------------------|-------------------|-------------------|-----|---------------------|-----|-----------|-----|------------|
|            |                                 |                   |                         |                 |                |                   |                   |                   |                   |     | d                   | l   | l1<br>l2  | s   | t<br>u     |
| KHXF50..   | fig.1                           | 140<br>160<br>200 | 95j6<br>110j6<br>130j6  | 3<br>3.5<br>3.5 | 10<br>10<br>12 | 115<br>130<br>165 | 9<br>9<br>11      | 139<br>162<br>/   | 174<br>62<br>52   | 160 | 20k6                | 40  | 5<br>32   | M6  | 22.5<br>6  |
| KHXF60..   | fig.1                           | 160<br>200<br>250 | 110j6<br>130j6<br>180j6 | 3.5<br>3.5<br>4 | 10<br>12<br>15 | 130<br>165<br>215 | 9<br>11<br>13.5   | 147<br>175<br>/   | 201<br>70<br>60   | 160 | 25k6                | 50  | 3.5<br>40 | M10 | 28<br>8    |
| KHXF70..   | fig.1                           | 200<br>250<br>/   | 130j6<br>180j6<br>/     | 3.5<br>4<br>/   | 12<br>15<br>/  | 165<br>215<br>/   | 11<br>13.5<br>/   | 181<br>210<br>221 | 227<br>78<br>72   | 200 | 30k6                | 60  | 3.5       | 50  | 33<br>8    |
| KHXF80..   | fig.1                           | 250<br>300<br>/   | 180j6<br>230j6<br>/     | 4<br>4<br>/     | 15<br>16<br>/  | 215<br>265<br>/   | 13.5<br>13.5<br>/ | 232<br>272<br>272 | 269<br>98<br>93.5 | 250 | 40k6                | 80  | 5<br>70   | M16 | 43<br>12   |
| KHXF90..   | fig.1                           | 300<br>350<br>/   | 230j6<br>250h6<br>/     | 4<br>5<br>/     | 16<br>18<br>/  | 265<br>300<br>/   | 13.5<br>17.5<br>/ | 281<br>328<br>328 | 316<br>118<br>116 | 300 | 50k6                | 100 | 10<br>80  | M16 | 53.5<br>14 |
| KHXF100..  | fig.1<br>fig.2                  | 350<br>450<br>/   | 250h6<br>350h6<br>/     | 5<br>5<br>/     | 18<br>22<br>/  | 300<br>400<br>/   | 17.5<br>17.5<br>/ | 319<br>370<br>366 | 364<br>135<br>130 | 350 | 60m6                | 120 | 5<br>110  | M20 | 64<br>18   |

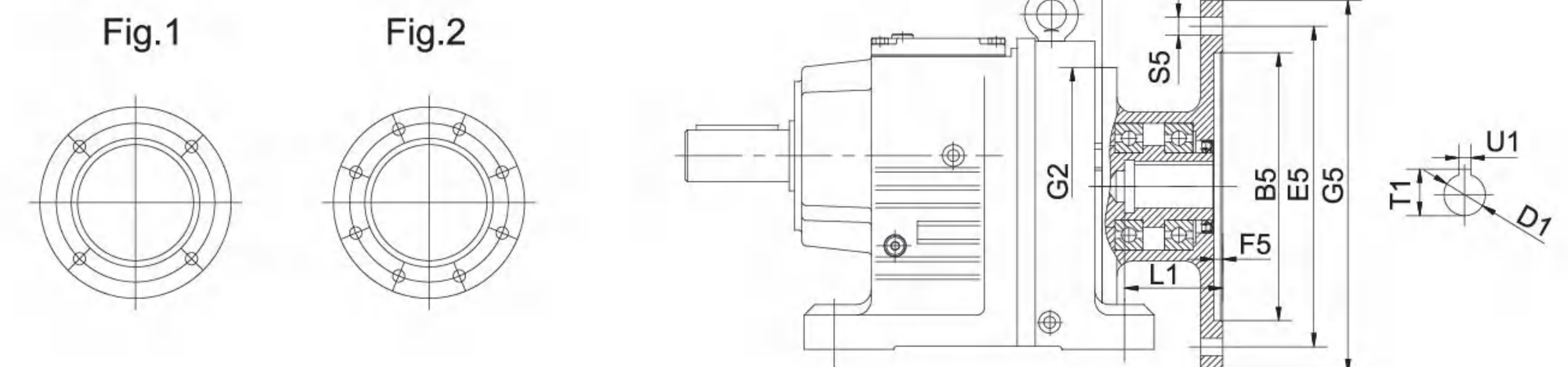


**KH..AD..**



|                            |     | G2  | K2  | D1 | L1  | L13 | L14 | T1   | U1 | M   |
|----------------------------|-----|-----|-----|----|-----|-----|-----|------|----|-----|
| KH..20<br>KH..30           | AD1 | 120 | 102 | 16 | 40  | 4   | 32  | 18   | 5  | M5  |
|                            | AD2 |     | 130 | 19 | 40  | 4   | 32  | 21.5 | 6  | M6  |
| KH..40<br>KH..50<br>KH..60 | AD2 | 160 | 123 | 19 | 40  | 4   | 32  | 21.5 | 6  | M6  |
|                            | AD3 |     | 159 | 24 | 50  | 5   | 40  | 27   | 8  | M8  |
| KH..70                     | AD2 | 200 | 116 | 19 | 40  | 4   | 32  | 21.5 | 6  | M6  |
|                            | AD3 |     | 151 | 24 | 50  | 5   | 40  | 27   | 8  | M8  |
|                            | AD4 |     | 224 | 38 | 80  | 5   | 70  | 41   | 10 | M12 |
| KH..80                     | AD2 | 250 | 111 | 19 | 40  | 4   | 32  | 21.5 | 6  | M6  |
|                            | AD3 |     | 165 | 28 | 60  | 5   | 50  | 31   | 8  | M10 |
|                            | AD4 |     | 219 | 38 | 80  | 5   | 70  | 41   | 10 | M12 |
|                            | AD5 |     | 292 | 42 | 110 | 10  | 70  | 45   | 12 | M16 |
| KH..90                     | AD3 | 300 | 151 | 28 | 60  | 5   | 50  | 31   | 8  | M10 |
|                            | AD4 |     | 214 | 38 | 80  | 5   | 70  | 41   | 10 | M12 |
|                            | AD5 |     | 287 | 42 | 110 | 10  | 70  | 45   | 12 | M16 |
|                            | AD6 |     | 324 | 48 | 110 | 10  | 80  | 51.5 | 14 | M16 |
| KH..100                    | AD3 | 350 | 145 | 28 | 60  | 5   | 50  | 31   | 8  | M10 |
|                            | AD4 |     | 208 | 38 | 80  | 5   | 70  | 41   | 10 | M12 |
|                            | AD5 |     | 281 | 42 | 110 | 10  | 70  | 45   | 12 | M16 |
|                            | AD6 |     | 321 | 48 | 110 | 10  | 80  | 51.5 | 14 | M16 |
| KH..130                    | AD4 | 400 | 201 | 38 | 80  | 5   | 70  | 41   | 10 | M12 |
|                            | AD5 |     | 274 | 42 | 110 | 10  | 70  | 45   | 12 | M16 |
|                            | AD6 |     | 321 | 48 | 110 | 10  | 80  | 51.5 | 14 | M16 |
|                            | AD7 |     | 308 | 55 | 110 | 10  | 90  | 59   | 16 | M20 |
|                            | AD8 |     | 383 | 70 | 140 | 15  | 110 | 74.5 | 20 | M20 |
| KH..140                    | AD4 | 450 | 193 | 38 | 80  | 5   | 70  | 41   | 10 | M12 |
|                            | AD5 |     | 266 | 42 | 110 | 10  | 70  | 45   | 12 | M16 |
|                            | AD6 |     | 306 | 48 | 110 | 10  | 80  | 51.5 | 14 | M16 |
|                            | AD7 |     | 345 | 55 | 110 | 10  | 90  | 59   | 16 | M20 |
| KH..160                    | AD5 | 550 | 258 | 42 | 110 | 10  | 70  | 45   | 12 | M16 |
|                            | AD6 |     | 298 | 48 | 110 | 10  | 80  | 51.5 | 14 | M16 |
|                            | AD7 |     | 292 | 55 | 110 | 10  | 90  | 59   | 16 | M20 |
|                            | AD8 |     | 374 | 70 | 140 | 15  | 110 | 74.5 | 20 | M20 |
|                            | AD8 |     | 374 | 70 | 140 | 15  | 110 | 74.5 | 20 | M20 |

**KH..AM..**



|                            |                                              | Fig | B5  | E5  | F5  | G2  | G5  | S5  | Z5  | D1  | L1  | T1   | U1 |
|----------------------------|----------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|----|
| KH..20<br>KH..30           | AM63                                         | 1   | 95  | 115 | 3.5 | 120 | 140 | M8  | 50  | 11  | 23  | 12.8 | 4  |
|                            | AM71 <sup>1)</sup>                           |     | 110 | 130 |     |     | 160 |     | 54  | 14  | 30  | 16.3 | 5  |
|                            | AM80 <sup>1)</sup>                           |     | 130 | 165 | 4.5 |     | 200 | M10 | 69  | 19  | 40  | 21.8 | 6  |
|                            | AM90 <sup>1)</sup>                           |     |     |     |     |     |     |     |     | 24  | 50  | 27.3 | 8  |
| KH..40<br>KH..50<br>KH..60 | AM63                                         | 1   | 95  | 115 | 3.5 | 160 | 140 | M8  | 50  | 11  | 23  | 12.8 | 4  |
|                            | AM71                                         |     | 110 | 130 |     |     | 160 |     | 54  | 14  | 30  | 16.3 | 5  |
|                            | AM80                                         |     | 130 | 165 | 4.5 |     | 200 | M10 | 69  | 19  | 40  | 21.8 | 6  |
|                            | AM90                                         |     |     |     |     |     |     |     |     | 24  | 50  | 27.3 | 8  |
|                            | AM100 <sup>1)</sup>                          |     | 180 | 215 | 5   |     | 250 | M12 | 81  | 28  | 60  | 31.3 | 8  |
|                            | AM112 <sup>1)</sup>                          |     |     |     |     |     |     |     |     |     |     |      |    |
| KH..70                     | AM63                                         | 1   | 95  | 115 | 3.5 | 200 | 140 | M8  | 54  | 11  | 23  | 12.8 | 4  |
|                            | AM71                                         |     | 110 | 130 |     |     | 160 |     | 54  | 14  | 30  | 16.3 | 5  |
|                            | AM80                                         |     | 130 | 165 | 4.5 |     | 200 | M10 | 69  | 19  | 40  | 21.8 | 6  |
|                            | AM90                                         |     |     |     |     |     |     |     |     | 24  | 50  | 27.3 | 8  |
|                            | AM100 <sup>1)</sup>                          |     | 180 | 215 | 5   |     | 250 | M12 | 81  | 28  | 60  | 31.3 | 8  |
|                            | AM112 <sup>1)</sup>                          |     |     |     |     |     |     |     |     |     |     |      |    |
|                            | AM132S <sup>1)</sup><br>AM132M <sup>1)</sup> |     | 230 | 265 | 5   |     | 300 |     | 92  | 38  | 80  | 41.3 | 10 |
|                            | AM132ML <sup>1)</sup>                        |     |     |     |     |     |     |     |     |     |     |      |    |
| KH..80                     | AM80                                         | 1   | 130 | 165 | 4.5 | 250 | 200 | M10 | 69  | 19  | 40  | 21.8 | 6  |
|                            | AM90                                         |     |     |     |     |     |     |     |     | 24  | 50  | 27.3 | 8  |
|                            | AM100                                        |     | 180 | 215 | 5   |     | 250 | M12 | 81  | 28  | 60  | 31.3 | 8  |
|                            | AM112                                        |     |     |     |     |     |     |     |     |     |     |      |    |
|                            | AM132S<br>AM132M                             |     | 230 | 265 | 5   |     | 300 | M12 | 92  | 38  | 80  | 41.3 | 10 |
|                            | AM132ML                                      |     |     |     |     |     |     |     |     |     |     |      |    |
|                            | AM160 <sup>1)</sup>                          |     | 250 | 300 | 6   |     | 350 | M16 | 125 | 42  | 110 | 45.3 | 12 |
|                            | AM180 <sup>1)</sup>                          |     |     |     |     |     |     |     |     | 48  |     | 51.8 | 14 |
| KH..90                     | AM100                                        | 1   | 180 | 215 | 5   | 300 | 250 | M12 | 81  | 28  | 60  | 31.3 | 8  |
|                            | AM112                                        |     |     |     |     |     |     |     |     |     |     |      |    |
|                            | AM132S<br>AM132M                             |     | 230 | 265 | 5   |     | 300 | M12 | 92  | 38  | 80  | 41.3 | 10 |
|                            | AM132ML                                      |     |     |     |     |     |     |     |     |     |     |      |    |
|                            | AM160                                        |     | 250 | 300 | 6   |     | 350 | M16 | 125 | 42  | 110 | 45.3 | 12 |
|                            | AM180                                        |     |     |     |     |     |     |     |     | 48  |     | 51.8 | 14 |
|                            | AM200                                        |     | 300 | 350 | 7   |     | 400 |     | 144 | 55  |     | 59.3 | 16 |
|                            | AM225 <sup>1)</sup>                          | 2   |     |     |     |     |     |     |     | 350 |     | 400  | 7  |

1) 如果安装在KH系列脚安装方式的减速机上,请检查尺寸G5/2,它可能已突出平面  
Dimension G5/2 May protrude past foot mounting surface if mounted on s foot – mounted gear unit, please check.



KH..

KS.. KB..

KW..

KH..AM..

Fig.1

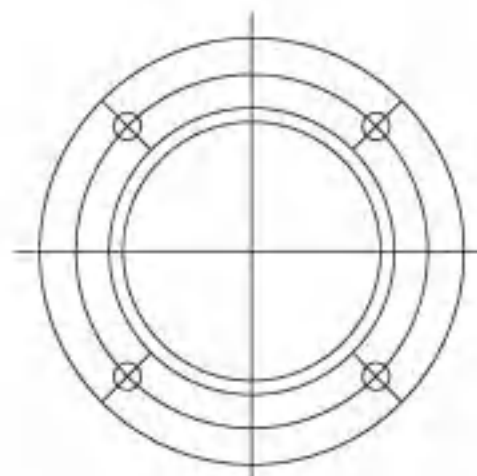
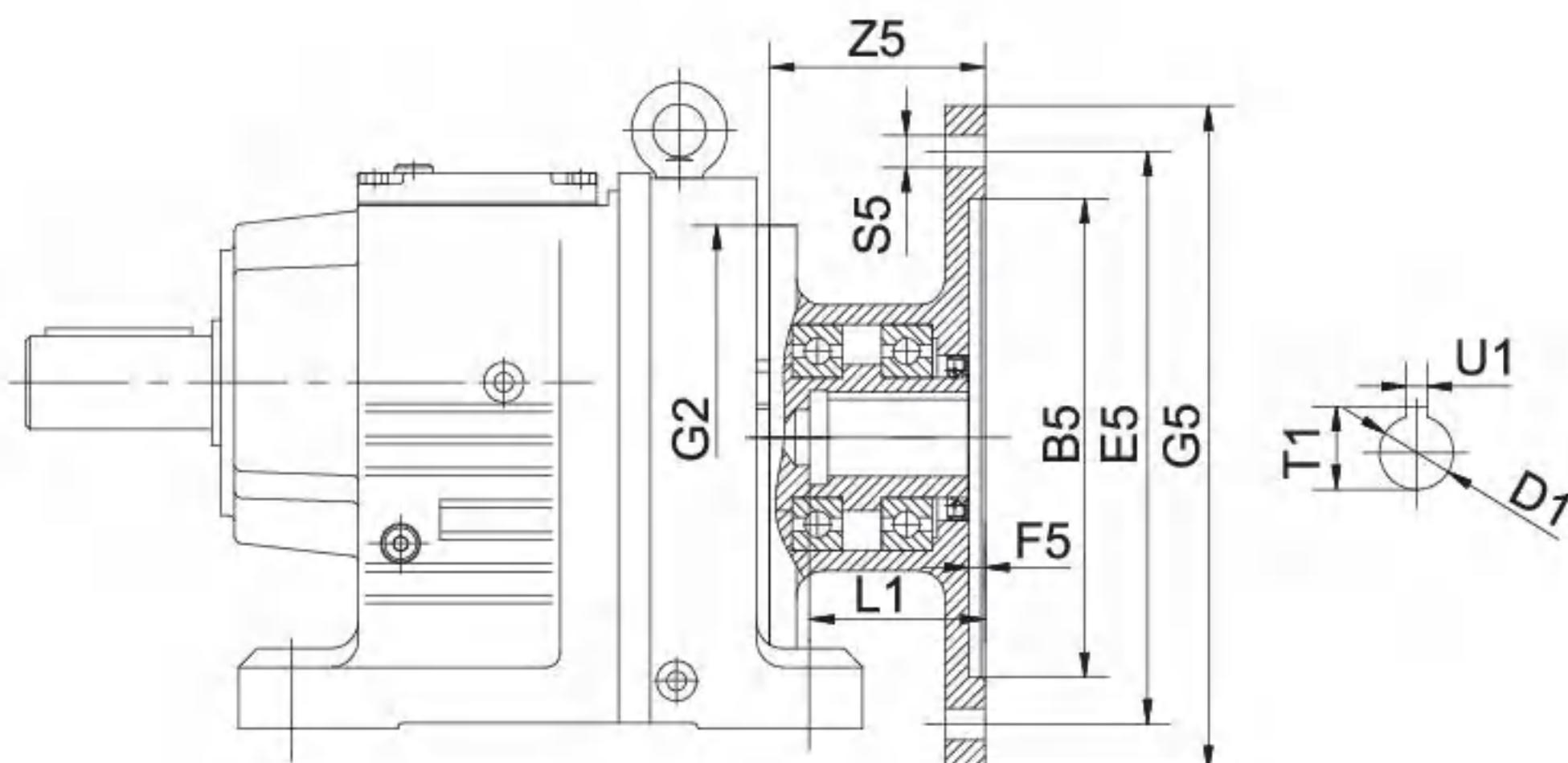
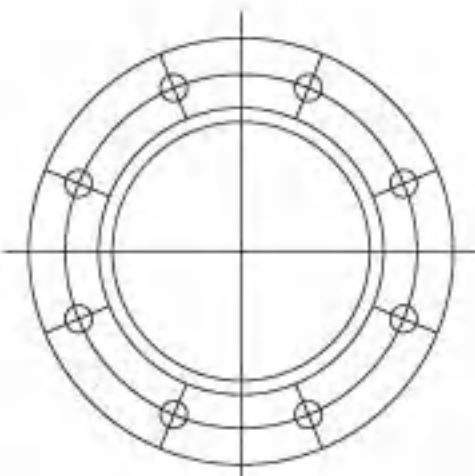
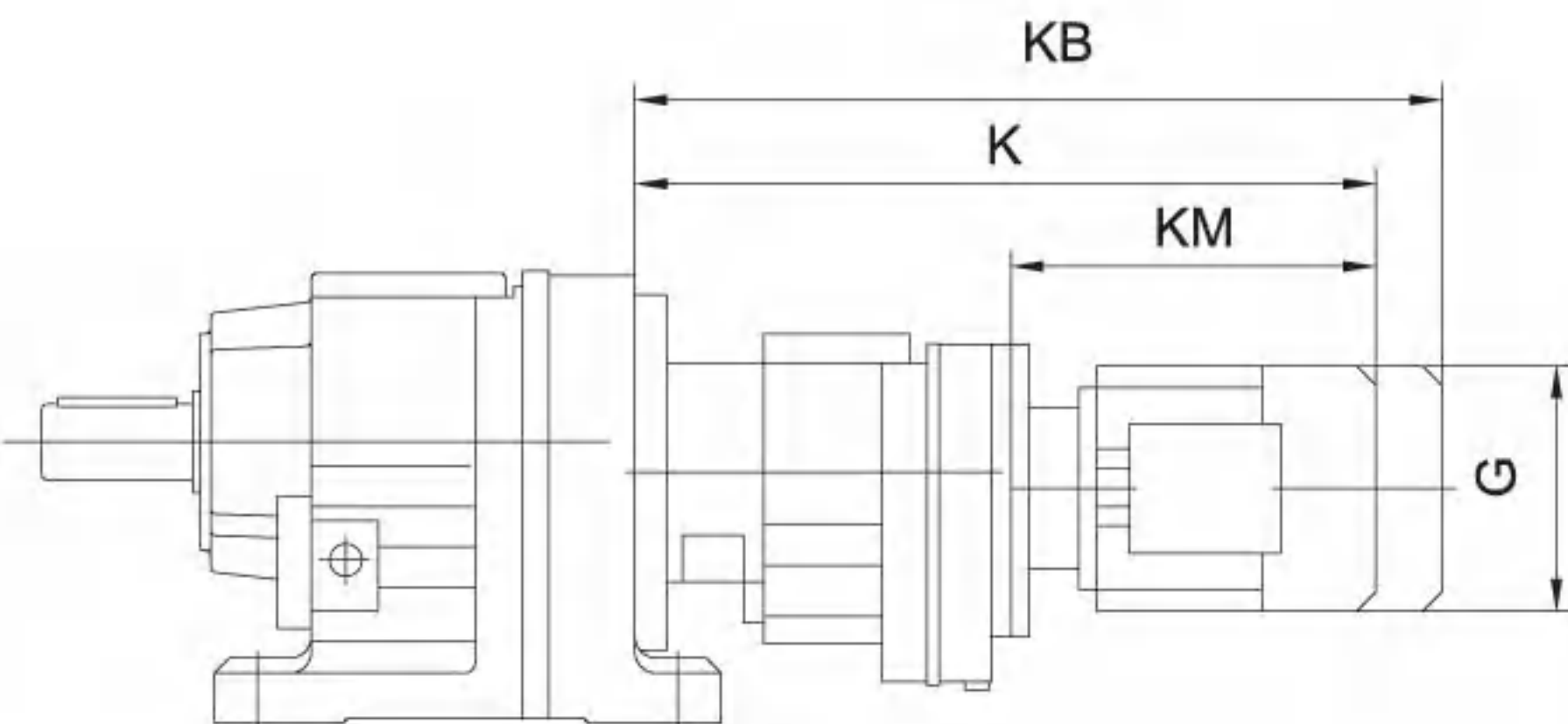


Fig.2



|         |         | Fig | B5  | E5  | F5  | G2  | G5  | S5  | Z5  | D1   | L1   | T1   | U1   |     |
|---------|---------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|-----|
| KH..100 | AM100   | 1   | 180 | 215 | 5   | 350 | 250 | M12 | 81  | 28   | 60   | 31.3 | 8    |     |
|         | AM112   |     |     |     |     |     |     |     |     |      |      |      |      |     |
|         | AM132S  |     | 230 | 265 |     |     | 300 | 92  | 38  | 80   | 41.3 | 10   |      |     |
|         | AM132M  |     |     |     |     |     |     |     |     |      |      |      |      |     |
|         | AM132ML |     |     | 300 | 6   |     | 350 | M16 | 124 | 42   | 48   | 110  | 45.3 | 12  |
|         | AM160   |     |     |     |     |     |     |     |     |      |      |      |      |     |
|         | AM180   |     | 300 | 350 | 7   |     | 400 | M16 | 144 | 55   | 59.3 | 16   |      |     |
|         | AM200   |     |     |     |     |     |     |     |     |      |      |      |      |     |
| AM225   | 2       | 350 | 400 |     | 450 |     | 159 | 60  | 140 | 64.4 | 18   |      |      |     |
| KH..130 | AM132S  | 1   | 230 | 265 | 5   | 400 | 300 | M12 | 92  | 38   | 80   | 41.3 | 10   |     |
|         | AM132M  |     |     |     |     |     |     |     |     |      |      |      |      |     |
|         | AM132ML |     | 250 | 300 | 6   |     | 350 | M16 | 124 | 42   | 48   | 110  | 45.3 | 12  |
|         | AM160   |     |     |     |     |     |     |     |     |      |      |      |      |     |
|         | AM180   |     | 300 | 350 | 7   |     | 400 |     | M16 | 144  | 55   | 59.3 | 16   |     |
|         | AM200   |     |     |     |     |     |     |     |     |      |      |      |      |     |
| AM225   | 2       | 350 | 400 |     | 450 |     | 159 | 60  | 140 | 64.4 | 18   |      |      |     |
| KH..140 | AM132S  | 1   | 230 | 265 | 5   | 450 | 300 | M12 | 92  | 38   | 80   | 41.3 | 10   |     |
|         | AM132M  |     |     |     |     |     |     |     |     |      |      |      |      |     |
|         | AM132ML |     | 250 | 300 | 6   |     | 350 | M16 | 124 | 42   | 48   | 110  | 45.3 | 12  |
|         | AM160   |     |     |     |     |     |     |     |     |      |      |      |      |     |
|         | AM180   |     | 300 | 350 | 7   |     | 400 |     | M16 | 144  | 55   | 59.3 | 16   |     |
|         | AM200   |     |     |     |     |     |     |     |     |      |      |      |      |     |
|         | AM225   | 2   | 350 | 400 | 7   |     | 450 | M16 | 159 | 60   | 140  | 64.4 | 18   |     |
|         | AM250   |     |     |     |     |     |     |     |     |      |      |      |      |     |
|         | AM280   |     |     |     |     |     |     |     |     |      |      |      |      |     |
|         |         |     |     |     |     |     |     |     |     |      |      |      |      |     |
| KH..160 | AM160   | 1   | 250 | 300 | 6   | 550 | 350 | M16 | 124 | 42   | 48   | 110  | 45.3 | 12  |
|         | AM180   |     |     |     |     |     |     |     |     |      |      |      |      |     |
|         | AM200   |     | 300 | 350 | 7   |     | 400 |     | M16 | 144  | 55   | 59.3 | 16   |     |
|         | AM225   | 350 |     |     |     |     |     |     |     |      |      |      |      | 400 |
|         | AM250   |     | 450 | 500 |     |     | 550 |     | M16 | 328  | 65   | 75   | 140  |     |
|         | AM280   |     |     |     |     |     |     |     |     |      |      |      |      |     |

KH..H..



|                                     |        | G   | K   | KB  | KM  |
|-------------------------------------|--------|-----|-----|-----|-----|
| KH..20H10<br>KH..30H10              | D63..  | 155 | 368 | 425 | 193 |
|                                     | D71D   | 155 | 369 | 433 | 194 |
|                                     | D80..  | 155 | 419 | 483 | 244 |
| KH..40H30<br>KH..50H30<br>KH..60H30 | D63..  | 155 | 400 | 457 | 235 |
|                                     | D71D   | 155 | 401 | 465 | 236 |
|                                     | D80..  | 155 | 451 | 515 | 286 |
| KH..70H30                           | D63..  | 155 | 392 | 449 | 235 |
|                                     | D71D   | 155 | 393 | 457 | 236 |
|                                     | D80..  | 155 | 443 | 507 | 286 |
| KH..80H50                           | D90..  | 210 | 443 | 528 | 286 |
|                                     | D63..  | 155 | 445 | 502 | 229 |
|                                     | D71D   | 155 | 445 | 509 | 229 |
| KH..90H50                           | D80..  | 155 | 495 | 559 | 279 |
|                                     | D90..  | 210 | 495 | 580 | 279 |
|                                     | D63..  | 155 | 440 | 497 | 229 |
| KH..100H70                          | D71D   | 155 | 440 | 504 | 229 |
|                                     | D80..  | 155 | 490 | 554 | 279 |
|                                     | D90..  | 210 | 490 | 575 | 279 |
| KH..100H70                          | D100M  | 210 | 540 | 625 | 329 |
|                                     | D100L  | 210 | 560 | 645 | 349 |
| KH..100H70                          | D63..  | 155 | 470 | 527 | 223 |
|                                     | D71D   | 155 | 470 | 534 | 223 |
|                                     | D80..  | 155 | 520 | 584 | 273 |
| KH..100H70                          | D90..  | 210 | 518 | 603 | 271 |
|                                     | D100M  | 210 | 568 | 653 | 321 |
|                                     | D100L  | 210 | 588 | 673 | 341 |
| KH..100H70                          | D112M  | 240 | 602 | 682 | 355 |
|                                     | D132S  | 240 | 647 | 727 | 400 |
|                                     | D132M  | 285 | 699 | 811 | 452 |
| KH..100H70                          | D132ML | 285 | 719 | 831 | 472 |
|                                     | D160M  | 330 | 749 | 861 | 502 |
| KH..130H70                          | D63..  | 155 | 463 | 520 | 223 |
|                                     | D71D   | 155 | 463 | 527 | 223 |
|                                     | D80..  | 155 | 513 | 577 | 273 |
| KH..130H70                          | D90..  | 210 | 511 | 596 | 271 |
|                                     | D100M  | 210 | 561 | 646 | 321 |
|                                     | D100L  | 210 | 581 | 666 | 341 |
| KH..130H70                          | D112M  | 240 | 595 | 675 | 355 |
|                                     | D132S  | 240 | 640 | 720 | 400 |
|                                     | D132M  | 285 | 692 | 804 | 452 |
| KH..130H70                          | D132ML | 285 | 712 | 824 | 472 |
|                                     | D160M  | 330 | 742 | 854 | 502 |

|             |        |     | K    | KB   | KM  |
|-------------|--------|-----|------|------|-----|
| KH..140H70  | D63..  | 155 | 455  | 512  | 223 |
|             | D71D   | 155 | 455  | 519  | 223 |
|             | D80..  | 155 | 505  | 569  | 273 |
|             | D90..  | 210 | 503  | 588  | 271 |
|             | D100M  | 210 | 553  | 638  | 321 |
|             | D100L  | 210 | 573  | 658  | 341 |
|             | D112M  | 240 | 587  | 667  | 355 |
|             | D132S  | 240 | 632  | 712  | 400 |
| KH..140H80  | D132M  | 285 | 684  | 796  | 452 |
|             | D132ML | 285 | 704  | 816  | 472 |
|             | D160M  | 330 | 734  | 846  | 502 |
|             | D90..  | 210 | 547  | 632  | 267 |
|             | D100M  | 210 | 597  | 682  | 317 |
|             | DV100L | 210 | 617  | 702  | 337 |
|             | D112M  | 240 | 630  | 710  | 350 |
|             | D132S  | 240 | 675  | 755  | 395 |
| KH..140H80  | D132M  | 285 | 727  | 839  | 447 |
|             | D132ML | 285 | 747  | 859  | 467 |
|             | D160M  | 330 | 777  | 889  | 497 |
|             | DV160L | 330 | 824  | 980  | 544 |
|             | D180.. | 380 | 896  | 1052 | 616 |
| KH..160H90  | D80..  | 155 | 586  | 650  | 261 |
|             | D90..  | 210 | 586  | 671  | 261 |
|             | D100M  | 210 | 636  | 721  | 311 |
|             | D100L  | 210 | 656  | 741  | 331 |
|             | D112M  | 240 | 670  | 750  | 345 |
|             | D132S  | 240 | 715  | 795  | 390 |
|             | D132M  | 285 | 767  | 879  | 442 |
|             | D132ML | 285 | 787  | 899  | 462 |
| KH..160H90  | D160M  | 330 | 817  | 929  | 492 |
|             | D160L  | 330 | 864  | 1020 | 539 |
|             | D180.. | 380 | 936  | 1092 | 611 |
| KH..160H100 | D100M  | 210 | 687  | 772  | 305 |
|             | D100L  | 210 | 707  | 792  | 325 |
|             | D112M  | 240 | 721  | 801  | 339 |
|             | D132S  | 240 | 766  | 846  | 384 |
|             | D132M  | 285 | 818  | 930  | 436 |
|             | D132ML | 285 | 838  | 950  | 456 |
|             | D160M  | 330 | 868  | 980  | 486 |
|             | D160L  | 330 | 915  | 1071 | 533 |
| KH..160H100 | D180.. | 380 | 988  | 1143 | 605 |
|             | D200.. | 420 | 1075 | 1231 | 693 |
|             | D225.. | 470 | 1107 | 1263 | 725 |

KH..

KS.. KB..

KW..



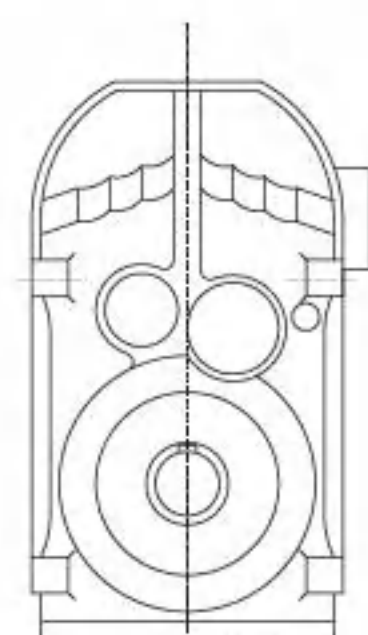
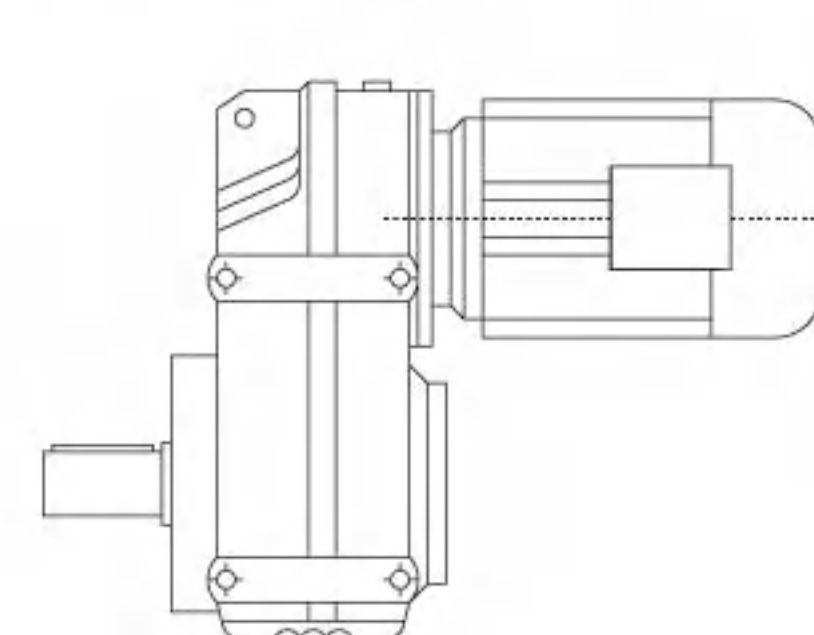
## 6. KS系列平行轴—斜齿轮减速机 KS Parallel shaft – Helical Geared Motor

### 6.1 设计方案

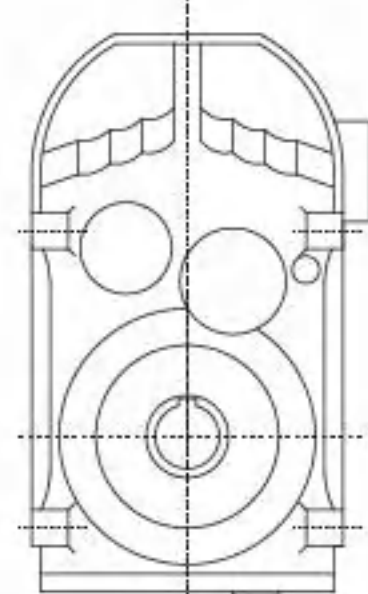
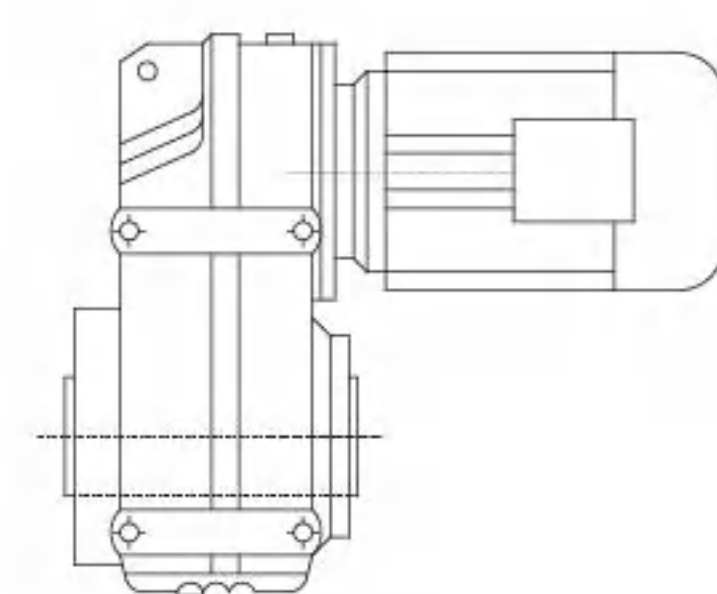
#### 6.1 Versions of KPM geared motors

平行轴装式斜齿轮减速电机有以下设计方案：

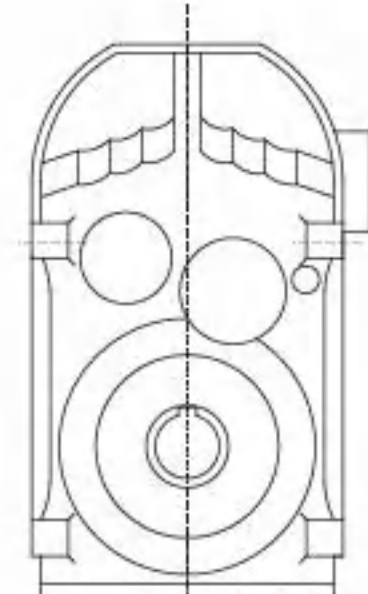
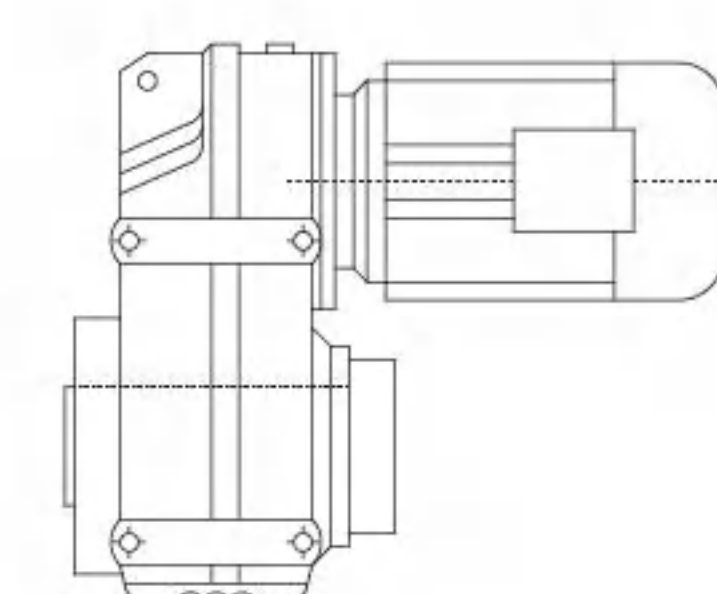
The following types of Parallel Shaft – Helical Geared Motor can be supplied:



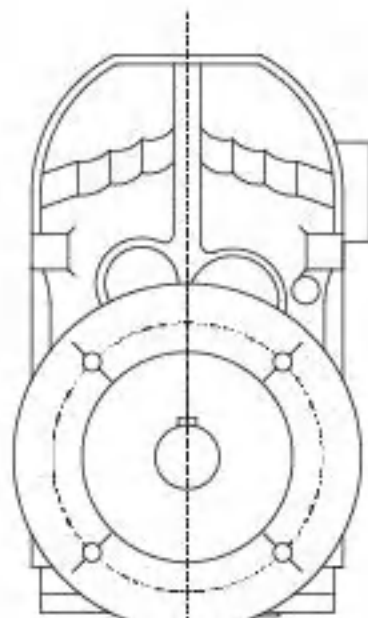
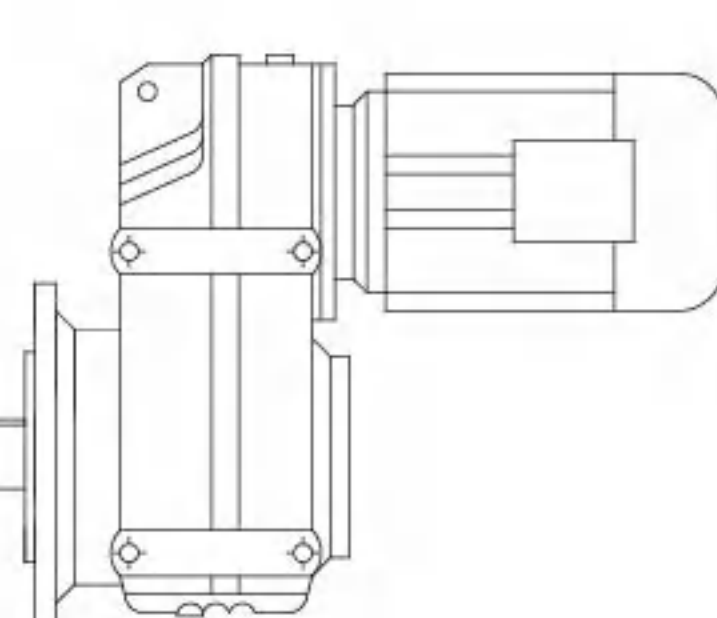
**KS..**  
地脚安装平行轴斜齿轮减速机  
Solid shaft  
Foot mounted with tapped holes



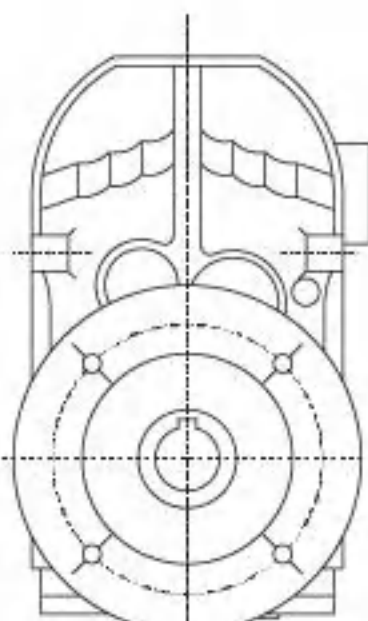
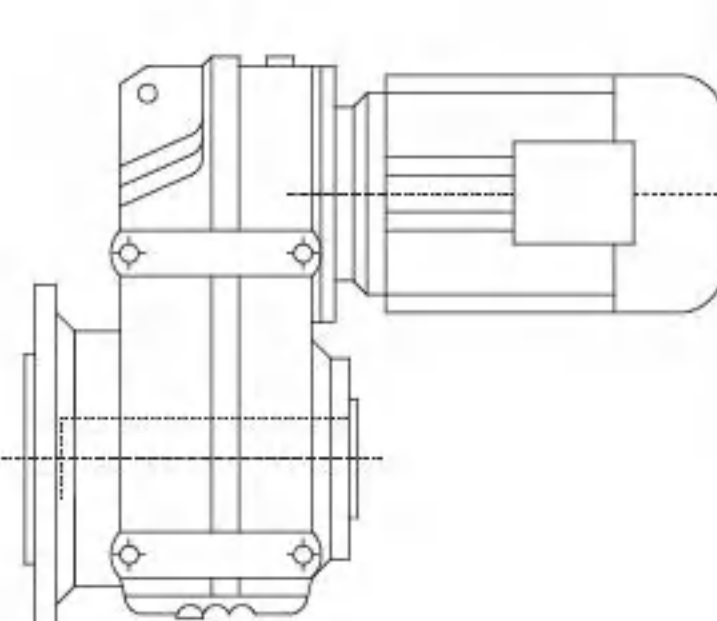
**KSA..B**  
地脚空心轴安装平行轴斜齿轮减速机  
Hollow shaft with key  
Foot mounted with tapped holes



**KSV..B**  
地脚花键空心轴安装平行轴斜齿轮减速机  
Splined hollow shaft  
Foot mounted with tapped holes



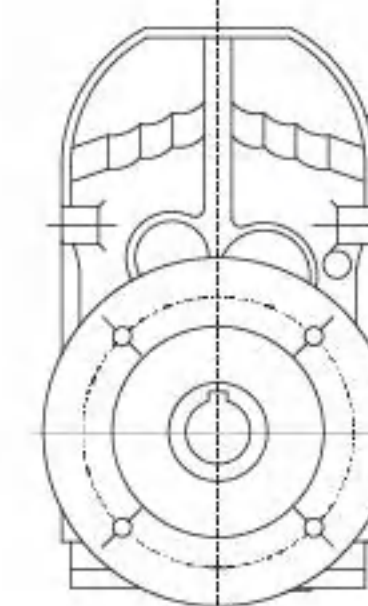
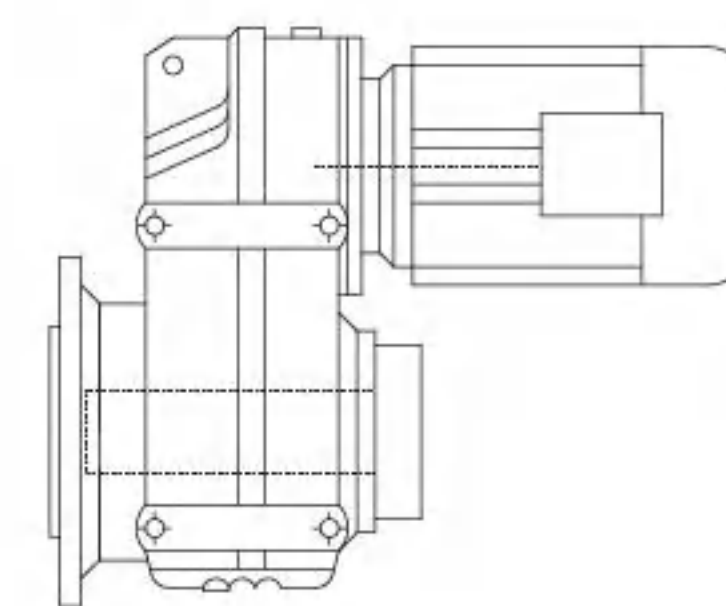
**KSH..B**  
地脚空心轴锁紧盘安装平行轴斜齿轮减速机  
Shrink disk hollow shaft  
Foot mounted with tapped holes



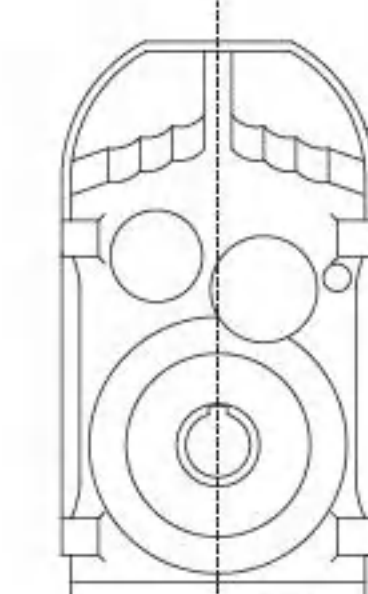
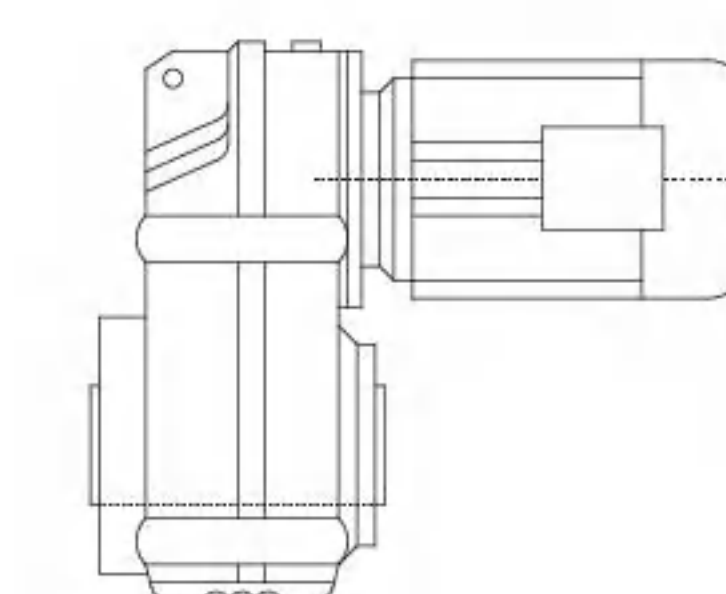
**KSF..**  
B5 法兰安装平行轴斜齿轮减速机  
Solid shaft  
Flange mounted (D & B5 style flange with through holes)



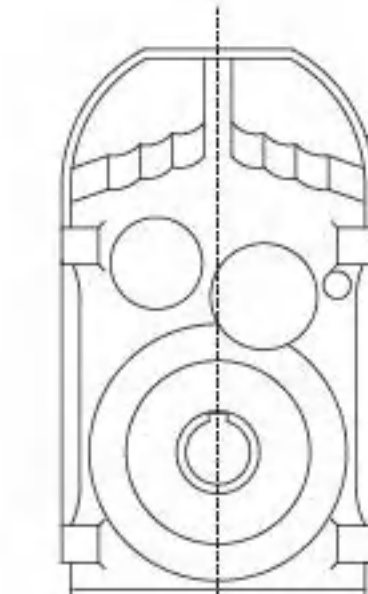
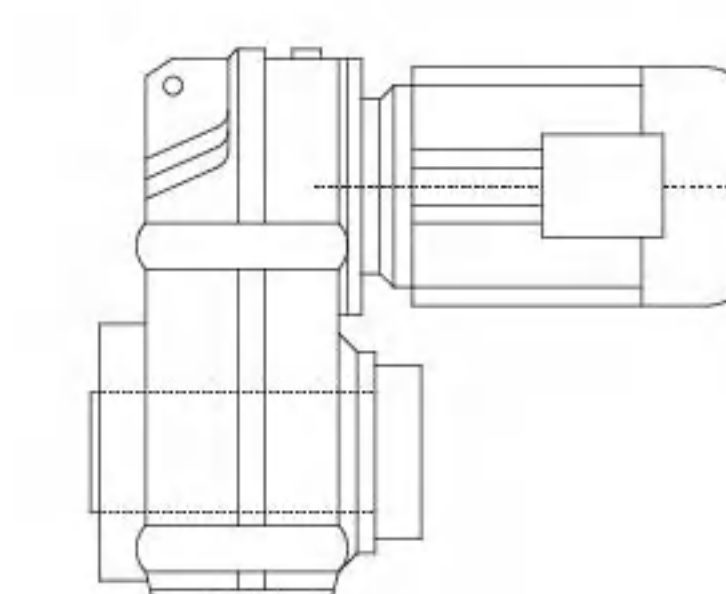
**KSAF..**  
B5 法兰空心轴安装平行轴斜齿轮减速机  
Hollow shaft with key  
Flange mounted (D & B5 style flange with through holes)  
**KSVF..**  
B5 法兰花键空心轴安装平行轴斜齿轮减速机  
Hollow shaft with key  
Flange (D & B5 style flange with through holes)



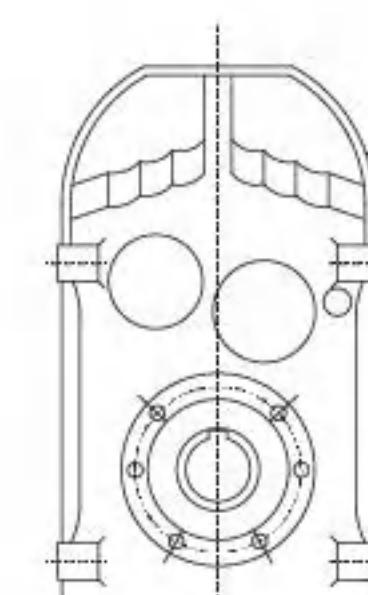
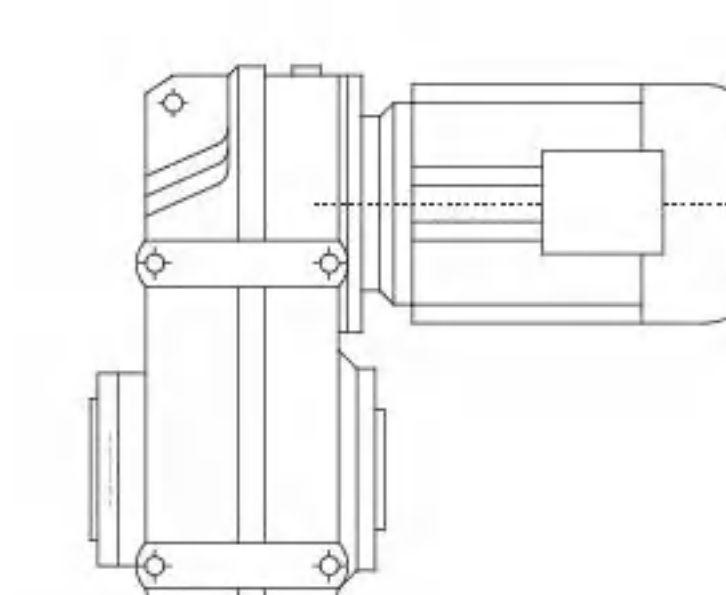
**KSHF..**  
B5 法兰空心轴锁紧盘安装平行轴斜齿轮减速机  
Shrink disk hollow shaft  
Flange mounted (D & B5 style flange with through holes)



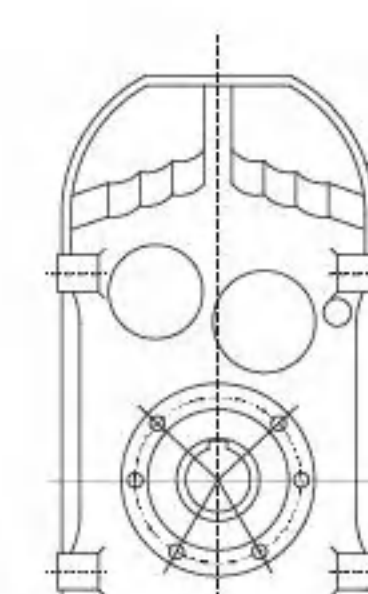
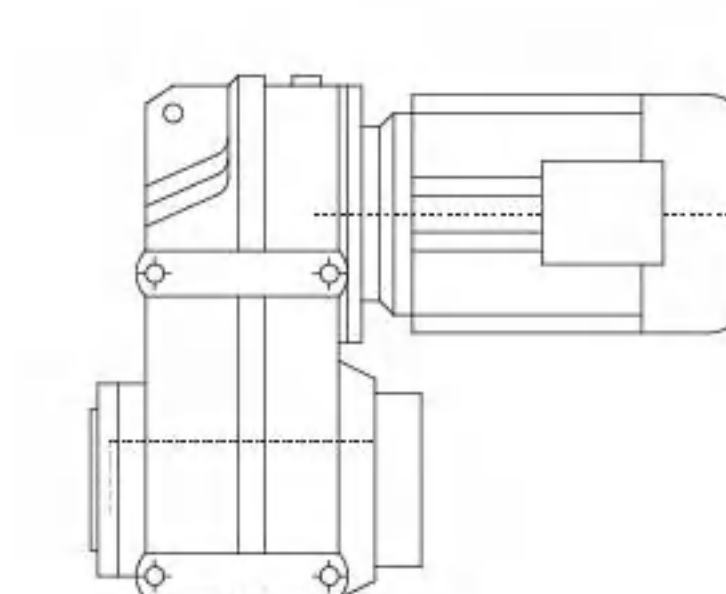
**KSA..**  
空心轴安装平行轴斜齿轮减速机  
Hollow shaft with key  
Shaft mounted



**KSV..**  
花键空心轴安装平行轴斜齿轮减速机  
Splined hollow shaft  
Shaft mounted



**KSAZ..**  
B14 法兰空心轴安装平行轴斜齿轮减速机  
Hollow shaft with key  
Flange mounted (C & B14 style flange with tapped holes)  
**KSVZ..**  
B14 法兰花键空心轴安装平行轴斜齿轮减速机  
Hollow shaft with key  
Flange mounted (C & B14 style flange with tapped holes)



**KSHZ..**  
B14 法兰空心轴锁紧盘安装平行轴斜齿轮减速机  
Shrink disk hollow shaft  
Flange mounted (C & B14 style flange with tapped holes)



6.2 可行的组合方式  
6.2 Type of combination

以下是平行轴斜齿轮减速机与交流(带制动)电机的组合列表。表中给出了每种组合的速比范围。  
The below is combination table between gear box and electric motor in each list the ratio range.

| 减速器型号<br>Gear unit size | 级<br>Stages | D63<br>D71                  | D80                      | D90                                                  | D100                                            | D112                        | D132S                       | D132M                       |
|-------------------------|-------------|-----------------------------|--------------------------|------------------------------------------------------|-------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|
| KS/KSF/KSA/KSAF30       | 2           | 4.22-7.44<br>8.97-23.63     | 3.77-23.63               | 3.77-20.57                                           | 3.77-6.74<br>8.01-14.33<br>17.03                |                             |                             |                             |
| KS/KSF/KSA/KSAF30       | 3           | 23.88-128.51                | 23.88-100.36             | 23.88-51.70<br>58.32-86.53                           | 23.88-31.69<br>38.31<br>51.70<br>58.32<br>70.50 |                             |                             |                             |
| KS/KSF/KSA/KSAF40       | 2           | 6.34-8.96<br>13.93-30.86    | 4.99-30.86               | 4.99-30.86                                           | 4.99-25.72                                      |                             |                             |                             |
| KS/KSF/KSA/KSAF40       | 3           | 28.88-190.76                | 28.88-150.06             | 28.88-130.07                                         | 28.88-56.49<br>68.09-105.09                     |                             |                             |                             |
| KS/KSF/KSA/KSAF50       | 2           | 6.58-9.31<br>13.52-40.13    | 5.18-34.24               | 5.18-29.94                                           | 5.18-24.96                                      | 5.18-21.17                  |                             |                             |
| KS/KSF/KSA/KSAF50       | 3           | 30.15-199.70                | 30.15-157.09             | 30.15-136.16                                         | 30.15-58.97<br>83.46-110.01                     | 30.15-50.10<br>83.46-93.47  |                             |                             |
| KS/KSF/KSA/KSAF60       | 2           | 7.53-9.08<br>18.29-36.30    | 5.95-9.08<br>14.46-36.30 | 3.97-36.30                                           | 3.97-32.08                                      | 3.97-27.41                  | 3.97-22.05                  | 3.97-22.05                  |
| KS/KSF/KSA/KSAF60       | 3           | 43.20-228.99                | 34.01-195.39             | 34.01-170.85                                         | 34.01-142.40<br>90.59-120.79                    | 34.01-67.65<br>90.59-95.94  | 34.01-53.73<br>90.59-95.94  | 34.01-53.73<br>90.59-95.94  |
| KS/KSF/KSA/KSAF70       | 2           | 21.43-36.58                 | 8.26-9.30<br>17.49-36.58 | 5.76-9.30<br>12.20-36.58                             | 4.28-36.58                                      | 4.28-31.51                  | 4.28-25.50                  | 4.28-25.50                  |
| KS/KSF/KSA/KSAF70       | 3           | 48.37-72.50<br>94.93-281.71 | 38.23-225.79             | 25.54-198.31                                         | 25.54-166.47                                    | 25.54-142.27                | 25.54-58.32<br>75.02-114.45 | 25.54-58.32<br>75.02-114.45 |
| KS/KSF/KSA/KSAF80       | 2           |                             | 23.68-33.92              | 7.35-8.29<br>17.12-33.92                             | 5.63-8.29<br>13.12-33.92                        | 5.63-8.29<br>13.12-33.92    | 4.12-33.92                  | 4.12-33.92                  |
| KS/KSF/KSA/KSAF80       | 3           |                             | 109.49-270.68            | 39.30-50.36<br>76.39-270.68                          | 29.20-228.93                                    | 29.20-197.20                | 29.20-159.61                | 29.20-159.61                |
| KS/KSF/KSA/KSAF90       | 2           |                             |                          | 9.06<br>22.11-43.28                                  | 7.07-9.06<br>17.25-43.28                        | 7.07-9.06<br>17.25-43.28    | 4.57-43.28                  | 4.57-43.28                  |
| KS/KSF/KSA/KSAF90       | 3           |                             |                          | 58.06-72.29<br>80.31<br>89.85-97.58<br>112.99-276.77 | 44.49-72.29<br>80.31-276.77                     | 44.49-72.29<br>80.31-276.77 | 32.50-223.88                | 32.50-223.88                |
| KS/KSF/KSA/KSAF100      | 2           |                             |                          |                                                      | 21.76-33.79                                     | 21.76-33.79                 | 7.40-9.69<br>14.67-33.79    | 7.40-9.69<br>14.67-33.79    |
| KS/KSF/KSA/KSAF100      | 3           |                             |                          |                                                      | 58.12-83.99<br>92.47-254.40                     | 58.12-83.99<br>92.47-254.40 | 37.61-254.40                | 37.61-254.40                |
| KS/KSF/KSA/KSAF120      | 2           |                             |                          |                                                      |                                                 |                             |                             | 7.88-8.86<br>14.55-26.86    |
| KS/KSF/KSA/KSAF120      | 3           |                             |                          |                                                      |                                                 |                             |                             | 37.28-170.83                |

续表

| 减速器型号<br>Gear unit size | 级<br>Stages | D132ML                       | D160M                        | D160L                        | D180                                  | D200                                           |
|-------------------------|-------------|------------------------------|------------------------------|------------------------------|---------------------------------------|------------------------------------------------|
| KS/KSF/KSA/KSAF70       | 2           | 4.28-19.70                   | 4.28-19.70                   |                              |                                       |                                                |
| KS/KSF/KSA/KSAF70       | 3           | 25.54-43.58                  | 25.54-43.58                  |                              |                                       |                                                |
| KS/KSF/KSA/KSAF80       | 2           | 4.12-26.50                   | 4.12-26.50                   | 4.12-26.50                   | 4.12-21.32                            |                                                |
| KS/KSF/KSA/KSAF80       | 3           | 29.20-123.29                 | 29.20-123.29                 | 29.20-123.29                 | 29.20-50.36                           |                                                |
| KS/KSF/KSA/KSAF90       | 2           | 4.57-33.91                   | 4.57-33.91                   | 4.57-33.91                   | 4.57-27.44                            | 4.57-22.11                                     |
| KS/KSF/KSA/KSAF90       | 3           | 32.50-89.85<br>102.16-174.87 | 32.50-89.85<br>102.16-174.87 | 32.50-89.85<br>102.16-174.87 | 32.50-75.63<br>86.59<br>102.16-140.71 | 32.50-58.06<br>75.63<br>86.59<br>102.16-112.99 |
| KS/KSF/KSA/KSAF100      | 2           | 6.22-9.69<br>12.33-33.79     | 6.22-9.69<br>12.33-33.79     | 6.22-9.69<br>12.33-33.79     | 6.22-33.79                            | 6.22-27.57                                     |
| KS/KSF/KSA/KSAF100      | 3           | 31.80-199.31                 | 31.80-199.31                 | 31.80-199.31                 | 31.80-161.28                          | 31.80-74.52<br>88.49<br>101.38-129.97          |
| KS/KSF/KSA/KSAF120      | 2           | 6.80-8.86<br>12.54-26.86     | 6.80-8.86<br>12.54-26.86     | 6.80-8.86<br>12.54-26.86     | 5.52-26.86                            | 4.68-26.86                                     |
| KS/KSF/KSA/KSAF120      | 3           | 31.33-170.83                 | 31.33-170.83                 | 31.33-170.83                 | 25.30-153.67                          | 25.30-125.37                                   |
| KS/KSF/KSA/KSAF150      | 2           |                              | 16.85-53.55                  | 16.85-53.55                  | 13.96-43.94                           | 11.92-35.75                                    |
| KS/KSF/KSA/KSAF150      | 3           |                              | 40.06-267.43                 | 40.06-267.43                 | 32.55-217.62                          | 27.60-178.20                                   |

| 减速器型号<br>Gear unit size | 级<br>Stages | D225                                  | D250M                       | D280                        | D315M/                      | D315M-A/B   |
|-------------------------|-------------|---------------------------------------|-----------------------------|-----------------------------|-----------------------------|-------------|
| KS/KSF/KSA/KSAF100      | 2           | 6.22-27.57                            |                             |                             |                             |             |
| KS/KSF/KSA/KSAF100      | 3           | 31.80-74.52<br>88.49<br>101.38-129.97 |                             |                             |                             |             |
| KS/KSF/KSA/KSAF120      | 2           | 4.68-26.86                            | 4.68-21.38                  | 4.68-21.38                  |                             |             |
| KS/KSF/KSA/KSAF120      | 3           | 25.30-125.37                          | 25.30-55.31<br>75.41-98.95  | 25.30-55.31<br>75.41-98.95  |                             |             |
| KS/KSF/KSA/KSAF150      | 2           | 11.92-35.75                           | 11.92-28.60                 | 11.92-28.60                 | 11.92-22.16                 | 11.92-16.85 |
| KS/KSF/KSA/KSAF150      | 3           | 27.60-178.20                          | 27.60-68.28<br>96.53-141.80 | 27.60-68.28<br>96.53-141.80 | 27.60-52.24<br>96.53-108.49 | 27.60-40.06 |



6.3 速比与最大扭矩

6.3 Ratio and Max. Torque

KS30-50  $n_e=1400$  1/min

| KS40    |                           |                           |                        | 200Nm           |
|---------|---------------------------|---------------------------|------------------------|-----------------|
| i       | n <sub>a</sub><br>[1/min] | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] | AD              |
| 3-stage |                           |                           |                        |                 |
| 128.51  | 11                        | 200                       | 4290                   | AD <sub>1</sub> |
| 117.88  | 12                        | 200                       | 4290                   |                 |
| 100.36  | 14                        | 200                       | 4290                   |                 |
| 86.53   | 16                        | 200                       | 4290                   |                 |
| 80.65   | 17                        | 200                       | 4290                   |                 |
| 70.50   | 20                        | 200                       | 4290                   |                 |
| 66.09   | 21                        | 200                       | 4290                   |                 |
| 58.32   | 24                        | 200                       | 4290                   |                 |
| 54.54   | 26                        | 200                       | 4290                   |                 |
| 51.70   | 27                        | 200                       | 4290                   |                 |
| 47.02   | 30                        | 200                       | 4290                   | AD <sub>2</sub> |
| 43.83   | 32                        | 200                       | 4290                   |                 |
| 38.31   | 37                        | 200                       | 4290                   |                 |
| 35.91   | 39                        | 200                       | 4290                   |                 |
| 31.69   | 44                        | 200                       | 4290                   |                 |
| 28.09   | 50                        | 200                       | 4060                   |                 |
| 23.88   | 59                        | 200                       | 3760                   |                 |
| 2-stage |                           |                           |                        |                 |
| 23.63   | 59                        | 200                       | 3740                   | AD <sub>2</sub> |
| 20.57   | 68                        | 200                       | 3500                   |                 |
| 19.27   | 73                        | 200                       | 3390                   |                 |
| 17.03   | 82                        | 200                       | 3180                   |                 |
| 15.81   | 89                        | 200                       | 3070                   |                 |
| 14.33   | 98                        | 200                       | 2910                   |                 |
| 12.87   | 109                       | 200                       | 2750                   |                 |
| 11.08   | 126                       | 190                       | 2620                   |                 |
| 10.42   | 134                       | 185                       | 2580                   |                 |
| 8.97    | 156                       | 175                       | 2460                   |                 |
| 8.01    | 175                       | 170                       | 2360                   |                 |
| 7.44    | 188                       | 145                       | 2350                   |                 |
| 6.74    | 208                       | 140                       | 2270                   |                 |
| 6.05    | 231                       | 135                       | 2190                   |                 |
| 5.21    | 269                       | 125                       | 2120                   |                 |
| 4.90    | 286                       | 120                       | 2100                   |                 |
| 4.22    | 332                       | 110                       | 2030                   |                 |
| 3.77    | 372                       | 105                       | 1970                   |                 |

| KS40    |                           |                           |                        | 400Nm           |
|---------|---------------------------|---------------------------|------------------------|-----------------|
| i       | n <sub>a</sub><br>[1/min] | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] | AD              |
| 3-stage |                           |                           |                        |                 |
| 190.76  | 7.3                       | 400                       | 5920                   | AD <sub>1</sub> |
| 175.38  | 8.0                       | 400                       | 5920                   |                 |
| 150.06  | 9.3                       | 400                       | 5920                   |                 |
| 130.07  | 11                        | 400                       | 5920                   |                 |
| 121.57  | 12                        | 400                       | 5920                   |                 |
| 105.09  | 13                        | 400                       | 5920                   |                 |
| 89.29   | 16                        | 400                       | 5920                   |                 |
| 79.72   | 18                        | 400                       | 5920                   |                 |
| 68.09   | 21                        | 400                       | 5920                   |                 |
| 65.36   | 21                        | 400                       | 5920                   | AD <sub>2</sub> |
| 56.49   | 25                        | 400                       | 5920                   |                 |
| 48.00   | 29                        | 400                       | 5920                   |                 |
| 42.86   | 33                        | 400                       | 5920                   |                 |
| 36.61   | 38                        | 400                       | 5920                   |                 |
| 34.29   | 41                        | 400                       | 5920                   |                 |
| 28.88   | 48                        | 400                       | 5790                   |                 |
| 2-stage |                           |                           |                        |                 |
| 30.86   | 45                        | 400                       | 5920                   | AD <sub>2</sub> |
| 29.32   | 48                        | 400                       | 5830                   |                 |
| 25.72   | 54                        | 400                       | 5470                   |                 |
| 21.82   | 64                        | 400                       | 5030                   |                 |
| 19.70   | 71                        | 400                       | 4770                   |                 |
| 17.33   | 81                        | 400                       | 4450                   |                 |
| 16.36   | 86                        | 400                       | 4320                   |                 |
| 13.93   | 100                       | 400                       | 3950                   |                 |
| 12.66   | 111                       | 400                       | 3740                   |                 |
| 10.97   | 128                       | 400                       | 3440                   |                 |
| 8.96    | 156                       | 330                       | 3250                   |                 |
| 7.88    | 178                       | 380                       | 2630                   |                 |
| 7.44 *  | 188                       | 380                       | 2530                   |                 |
| 6.34    | 221                       | 350                       | 2470                   |                 |
| 5.76    | 243                       | 340                       | 2390                   |                 |
| 4.99    | 281                       | 320                       | 2310                   |                 |

| KS50    |                           |                           |                        | 600Nm           |
|---------|---------------------------|---------------------------|------------------------|-----------------|
| i       | n <sub>a</sub><br>[1/min] | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] | AD              |
| 3-stage |                           |                           |                        |                 |
| 199.70  | 7.0                       | 600                       | 8200                   | AD <sub>2</sub> |
| 183.60  | 7.6                       | 600                       | 8200                   |                 |
| 157.09  | 8.9                       | 600                       | 8200                   |                 |
| 136.16  | 10                        | 600                       | 8200                   |                 |
| 127.27  | 11                        | 600                       | 8200                   |                 |
| 110.01  | 13                        | 600                       | 8200                   |                 |
| 93.47   | 15                        | 600                       | 8200                   |                 |
| 83.46   | 17                        | 600                       | 8200                   |                 |
| 72.98   | 19                        | 600                       | 8200                   |                 |
| 68.22   | 21                        | 600                       | 8200                   |                 |
| 58.97   | 24                        | 600                       | 8200                   |                 |
| 50.10   | 28                        | 600                       | 8200                   |                 |
| 44.73   | 31                        | 600                       | 8200                   |                 |
| 38.21   | 37                        | 600                       | 8200                   |                 |
| 35.79   | 39                        | 600                       | 8200                   |                 |
| 30.15   | 46                        | 590                       | 7650                   |                 |
| 2-stage |                           |                           |                        |                 |
| 40.13   | 35                        | 290                       | 9710                   | AD <sub>2</sub> |
| 34.24   | 41                        | 500                       | 8670                   |                 |
| 29.94   | 47                        | 545                       | 7890                   |                 |
| 28.45   | 49                        | 535                       | 7760                   |                 |
| 24.96   | 56                        | 575                       | 7060                   |                 |
| 21.17   | 66                        | 600                       | 6350                   | AD <sub>3</sub> |
| 19.11   | 73                        | 600                       | 6020                   |                 |
| 16.81   | 83                        | 600                       | 5620                   |                 |
| 15.88   | 88                        | 600                       | 5450                   |                 |
| 13.52   | 104                       | 600                       | 4980                   |                 |
| 12.29   | 114                       | 600                       | 4710                   |                 |
| 10.64   | 132                       | 600                       | 4320                   |                 |
| 9.31    | 150                       | 420                       | 4760                   |                 |
| 8.19    | 171                       | 420                       | 4450                   |                 |
| 7.73    | 181                       | 420                       | 4310                   |                 |
| 6.58    | 213                       | 420                       | 3940                   |                 |
| 5.98    | 234                       | 420                       | 3730                   |                 |
| 5.18    | 270                       | 415                       | 3460                   |                 |

KS60-80  $n_e=1400$  1/min

| KS60    |                           |                           |                        | 820Nm           |
|---------|---------------------------|---------------------------|------------------------|-----------------|
| i       | n <sub>a</sub><br>[1/min] | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] | AD              |
| 3-stage |                           |                           |                        |                 |
| 228.99  | 6.1                       | 820                       | 10300                  | AD <sub>2</sub> |
| 195.39  | 7.2                       | 820                       | 10300                  |                 |
| 170.85  | 8.2                       | 820                       | 10300                  |                 |
| 162.31  | 8.6                       | 820                       | 10300                  |                 |
| 142.40  | 9.8                       | 820                       | 10300                  |                 |
| 120.79  | 12                        | 820                       | 10300                  |                 |
| 109.04  | 13                        | 820                       | 10300                  |                 |
| 95.94   | 15                        | 820                       | 10300                  |                 |
| 90.59   | 15                        | 820                       | 10300                  |                 |
| 79.76   | 18                        | 820                       | 10300                  |                 |
| 67.65   | 21                        | 820                       | 10300                  |                 |
| 61.07   | 23                        | 820                       | 10300                  |                 |
| 53.73   | 26                        | 820                       | 10300                  |                 |
| 50.74   | 28                        | 820                       | 10300                  |                 |
| 43.20   | 32                        | 820                       | 10300                  |                 |
| 39.26   | 36                        | 780                       | 10700                  |                 |
| 34.01   | 41                        | 740                       | 11000                  |                 |
| 2-stage |                           |                           |                        |                 |
| 36.30   | 39                        | 820                       | 10300                  | AD <sub>2</sub> |
| 32.08   | 44                        | 820                       | 10300                  | AD <sub>3</sub> |
| 27.41   | 51                        | 820                       | 10300                  |                 |
| 25.13   | 56                        | 820                       | 10300                  |                 |
| 22.05   | 63                        | 820                       | 10300                  |                 |
| 20.90   | 67                        | 820                       | 10300                  |                 |
| 18.29   | 77                        | 820                       | 10300                  |                 |
| 16.48   | 85                        | 820                       | 10300                  |                 |
| 14.46   | 97                        | 820                       | 10300                  |                 |
| 12.76   | 110                       | 820                       | 10300                  |                 |
| 11.31   | 124                       | 820                       | 10300                  |                 |
| 9.66    | 145                       | 820                       | 10300                  |                 |
| 9.08    | 154                       | 530                       | 11400                  |                 |
| 8.60    | 163                       | 570                       | 10900                  |                 |
| 7.53    | 186                       | 610                       | 10100                  |                 |
| 6.78    | 206                       | 620                       | 9660                   |                 |
| 5.95    | 235                       | 610                       | 9200                   |                 |
| 5.25    | 267                       | 590                       | 8850                   |                 |
| 4.66    | 300                       | 560                       | 8590                   |                 |
| 3.97    | 353                       | 500                       | 8390                   |                 |

| KS70    |                           |                           |                        | 1500Nm          |
|---------|---------------------------|---------------------------|------------------------|-----------------|
| i       | n <sub>a</sub><br>[1/min] | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] | AD              |
| 3-stage |                           |                           |                        |                 |
| 281.71  | 5.0                       | 1500                      | 15700                  | AD <sub>2</sub> |
| 262.93  | 5.3                       | 1500                      | 15700                  |                 |
| 225.79  | 6.2                       | 1500                      | 15700                  |                 |
| 198.31  | 7.1                       | 1500                      | 15700                  |                 |
| 188.40  | 7.4                       | 1500                      | 15700                  |                 |
| 166.47  | 8.4                       | 1500                      | 15700                  |                 |
| 142.27  | 9.8                       | 1500                      | 15700                  |                 |
| 130.42  | 11                        | 1500                      | 15700                  |                 |
| 114.45  | 12                        | 1500                      | 15700                  |                 |
| 108.46• | 13                        | 1500                      | 15700                  |                 |
| 94.93   | 15                        | 1500                      | 15700                  |                 |
| 85.52   | 16                        | 1500                      | 15700                  |                 |
| 75.02   | 19                        | 1500                      | 15700                  |                 |
| 72.50   | 19                        | 1500                      | 15700                  |                 |
| 66.46   | 21                        | 1500                      | 15700                  |                 |
| 58.32   | 24                        | 1500                      | 15700                  |                 |
| 55.27   | 25                        | 1500                      | 15700                  |                 |
| 48.37   | 29                        | 1500                      | 15700                  |                 |
| 43.58   | 32                        | 1500                      | 15700                  | AD <sub>3</sub> |
| 38.23   | 37                        | 1500                      | 15700                  |                 |
| 33.74   | 41                        | 1500                      | 15700                  |                 |
| 29.91   | 47                        | 1500                      | 15700                  |                 |
| 25.54   | 55                        | 1450                      | 16100                  |                 |
| 2-stage |                           |                           |                        |                 |
| 36.58   | 38                        | 1110                      | 17900                  | AD <sub>3</sub> |
| 31.51   | 44                        | 1380                      | 16500                  |                 |
| 28.75   | 49                        | 1430                      | 16200                  |                 |
| 25.50   | 55                        | 1500                      | 15700                  | AD <sub>4</sub> |
| 21.43   | 65                        | 1500                      | 15700                  |                 |
| 19.70   | 71                        | 1500                      | 15700                  |                 |
| 17.49   | 80                        | 1500                      | 15700                  |                 |
| 15.64   | 90                        | 1500                      | 15700                  |                 |
| 14.06   | 100                       | 1500                      | 15700                  |                 |
| 12.20   | 115                       | 1500                      | 14900                  |                 |
| 10.93   | 128                       | 1500                      | 14200                  |                 |
| 9.30    | 151                       | 1080                      | 13800                  |                 |
| 8.26    | 169                       | 1080                      | 13100                  |                 |
| 7.39    | 189                       | 1080                      | 12500                  |                 |
| 6.64    | 211                       | 1080                      | 12000                  |                 |
| 5.76    | 243                       | 1080                      | 11300                  |                 |
| 5.16    | 271                       | 1080                      | 10700                  |                 |
| 4.28    | 327                       | 1010                      | 10200                  |                 |

| KS80    |                           |                           |                        | 3000Nm          |
|---------|---------------------------|---------------------------|------------------------|-----------------|
| i       | n <sub>a</sub><br>[1/min] | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] | AD              |
| 3-stage |                           |                           |                        |                 |
| 270.68  | 5.2                       | 3000                      | 19800                  | AD <sub>2</sub> |
| 255.37  | 5.5                       | 3000                      | 19800                  |                 |
| 228.93  | 6.1                       | 3000                      | 19800                  |                 |
| 197.20  | 7.1                       | 3000                      | 19800                  |                 |
| 179.97  | 7.8                       | 3000                      | 19800                  |                 |
| 159.61  | 8.8                       | 3000                      | 19800                  |                 |
| 134.16  | 10                        | 3000                      | 19800                  |                 |
| 123.29  | 11                        | 3000                      | 19800                  |                 |
| 109.49  | 13                        | 3000                      | 19800                  |                 |
| 97.89   | 14                        | 3000                      | 19800                  |                 |
| 88.01   | 16                        | 3000                      | 19800                  | AD <sub>3</sub> |
| 76.39   | 18                        | 3000                      | 19800                  |                 |
| 68.40   | 20                        | 3000                      | 19600                  |                 |
| 56.75   | 25                        | 3000                      | 17700                  |                 |
| 50.36   | 28                        | 2940                      | 16800                  |                 |
| 45.28   | 31                        | 2820                      | 16200                  |                 |
| 39.30   | 36                        | 2720                      | 15400                  | AD <sub>4</sub> |
| 35.19   | 40                        | 2610                      | 14900                  |                 |
| 29.20   | 48                        | 2510                      | 13800                  |                 |
| 2-stage |                           |                           |                        |                 |
| 33.92   | 41                        | 2610                      | 14600                  | AD <sub>5</sub> |
| 28.78   | 49                        | 2450                      | 13900                  |                 |
| 26.50   | 53                        | 3000                      | 11100                  |                 |
| 23.68   | 59                        | 3000                      | 10300                  |                 |
| 21.32   | 66                        | 3000                      | 9530                   |                 |
| 19.31   | 73                        | 3000                      | 8840                   |                 |
| 17.12   | 82                        | 3000                      | 8040                   |                 |
| 15.48   | 90                        | 3000                      | 7390                   |                 |
| 13.12   | 107                       | 3000                      | 6370                   |                 |
| 11.46   | 122                       | 3000                      | 5580                   |                 |
| 9.58    | 146                       | 2880                      | 5050                   |                 |
| 8.29    | 169                       | 1530                      | 8890                   |                 |
| 7.35    | 190                       | 1530                      | 8280                   |                 |
| 6.65    | 211                       | 1530                      | 7790                   |                 |
| 5.63    | 248                       | 1530                      | 7020                   |                 |
| 4.92    | 284                       | 1530                      | 6430                   |                 |
| 4.12    | 340                       | 1460                      | 5980                   |                 |



KS90-120 n<sub>e</sub>=1400 1/min

| KS90    |                           |                           | 4300Nm                 |                 |                 |
|---------|---------------------------|---------------------------|------------------------|-----------------|-----------------|
| i       | n <sub>a</sub><br>[1/min] | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] | AD              |                 |
| 3-stage |                           |                           |                        |                 |                 |
| 276.77  | 5.1                       | 4300                      | 29900                  | AD <sub>3</sub> |                 |
| 253.41  | 5.5                       | 4300                      | 29900                  |                 |                 |
| 223.88  | 6.3                       | 4300                      | 29900                  |                 |                 |
| 189.92  | 7.4                       | 4300                      | 29900                  |                 |                 |
| 174.87  | 8.0                       | 4300                      | 29900                  |                 |                 |
| 156.30  | 9.0                       | 4300                      | 29900                  |                 |                 |
| 140.71  | 9.9                       | 4300                      | 29900                  |                 |                 |
| 127.42  | 11                        | 4300                      | 29900                  |                 |                 |
| 112.99  | 12                        | 4300                      | 29900                  |                 |                 |
| 102.16  | 14                        | 4300                      | 29900                  |                 |                 |
| 97.58   | 14                        | 4300                      | 29900                  |                 |                 |
| 89.85   | 16                        | 4300                      | 29900                  |                 |                 |
| 86.59   | 16                        | 4300                      | 29900                  | AD <sub>4</sub> |                 |
| 80.31   | 17                        | 4300                      | 29900                  |                 |                 |
| 75.63   | 19                        | 4300                      | 29900                  |                 |                 |
| 72.29   | 19                        | 4300                      | 29900                  |                 |                 |
| 65.47   | 21                        | 4300                      | 29900                  |                 |                 |
| 58.06   | 24                        | 4300                      | 27200                  |                 |                 |
| 52.49   | 27                        | 4300                      | 25800                  |                 |                 |
| 44.49   | 31                        | 4300                      | 23600                  |                 |                 |
| 38.86   | 36                        | 4300                      | 21900                  |                 |                 |
| 32.50   | 43                        | 4300                      | 19800                  |                 |                 |
| 2-stage |                           |                           |                        |                 |                 |
| 43.28   | 32                        | 3070                      | 27600                  |                 | AD <sub>4</sub> |
| 36.64   | 38                        | 3070                      | 25500                  |                 |                 |
| 33.91   | 41                        | 4300                      | 20300                  | AD <sub>5</sub> |                 |
| 30.39   | 46                        | 4300                      | 19000                  |                 |                 |
| 27.44   | 51                        | 4300                      | 17900                  |                 |                 |
| 24.92   | 56                        | 4300                      | 16800                  |                 |                 |
| 22.11   | 63                        | 4300                      | 15600                  |                 |                 |
| 20.07   | 70                        | 4300                      | 14600                  |                 |                 |
| 17.25   | 81                        | 4300                      | 13200                  |                 |                 |
| 15.06   | 93                        | 4300                      | 11900                  |                 |                 |
| 12.77   | 110                       | 4300                      | 10500                  | AD <sub>6</sub> |                 |
| 11.16   | 125                       | 4100                      | 10000                  |                 |                 |
| 9.06    | 154                       | 2360                      | 13600                  |                 |                 |
| 8.22    | 170                       | 2360                      | 12800                  |                 |                 |
| 7.07    | 198                       | 2360                      | 11700                  |                 |                 |
| 6.17    | 227                       | 2250                      | 11200                  |                 |                 |
| 5.23    | 268                       | 2150                      | 10600                  |                 |                 |
| 4.57    | 306                       | 2050                      | 10100                  |                 |                 |

| KS100   |                           |                           | 7840Nm                 |                 |
|---------|---------------------------|---------------------------|------------------------|-----------------|
| i       | n <sub>a</sub><br>[1/min] | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] | AD              |
| 3-stage |                           |                           |                        |                 |
| 254.40  | 5.5                       | 7680                      | 49800                  | AD <sub>3</sub> |
| 215.37  | 6.5                       | 7680                      | 49800                  |                 |
| 199.31  | 7.0                       | 7680                      | 49800                  |                 |
| 178.64  | 7.8                       | 7680                      | 49800                  |                 |
| 161.28  | 8.7                       | 7680                      | 49800                  |                 |
| 146.49  | 9.6                       | 7680                      | 49800                  |                 |
| 129.97  | 11                        | 7680                      | 49800                  |                 |
| 117.94  | 12                        | 7680                      | 49800                  |                 |
| 101.38  | 14                        | 7680                      | 49800                  | AD <sub>4</sub> |
| 92.47   | 15                        | 7680                      | 49800                  |                 |
| 88.49   | 16                        | 7680                      | 49800                  |                 |
| 83.99   | 17                        | 7680                      | 49800                  |                 |
| 74.52   | 19                        | 7680                      | 49800                  |                 |
| 67.62   | 21                        | 7680                      | 49800                  |                 |
| 58.12   | 24                        | 7680                      | 47800                  |                 |
| 50.73   | 28                        | 7680                      | 45100                  | AD <sub>5</sub> |
| 43.03   | 33                        | 7680                      | 42000                  |                 |
| 37.61   | 37                        | 7680                      | 39500                  |                 |
| 31.80   | 44                        | 7680                      | 36500                  |                 |
| 2-stage |                           |                           |                        |                 |
| 33.79   | 41                        | 7400                      | 38300                  | AD <sub>6</sub> |
| 27.57   | 51                        | 7840                      | 33700                  |                 |
| 25.14   | 56                        | 7840                      | 32200                  |                 |
| 21.76   | 64                        | 7840                      | 30000                  |                 |
| 19.20   | 73                        | 7840                      | 28100                  |                 |
| 16.58   | 84                        | 7840                      | 26000                  |                 |
| 14.67   | 95                        | 7680                      | 24700                  |                 |
| 12.33   | 114                       | 7000                      | 24300                  |                 |
| 9.96    | 141                       | 6500                      | 22900                  |                 |
| 9.69    | 144                       | 4910                      | 25400                  |                 |
| 8.37    | 167                       | 4800                      | 24000                  |                 |
| 7.40    | 189                       | 4600                      | 23200                  |                 |
| 6.22    | 225                       | 4600                      | 21100                  |                 |

| KS120   |                           |                           | 12000Nm                |                 |
|---------|---------------------------|---------------------------|------------------------|-----------------|
| i       | n <sub>a</sub><br>[1/min] | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] | AD              |
| 3-stage |                           |                           |                        |                 |
| 170.83  | 8.2                       | 12000                     | 90000                  | AD <sub>4</sub> |
| 153.67  | 9.1                       | 12000                     | 90000                  |                 |
| 125.37  | 11                        | 12000                     | 90000                  |                 |
| 114.34  | 12                        | 12000                     | 88000                  |                 |
| 98.95   | 14                        | 12000                     | 83000                  |                 |
| 87.31   | 16                        | 12000                     | 78900                  |                 |
| 75.41   | 19                        | 12000                     | 74300                  |                 |
| 70.07   | 20                        | 12000                     | 72100                  | AD <sub>5</sub> |
| 63.91   | 22                        | 12000                     | 69400                  |                 |
| 55.31   | 25                        | 12000                     | 65300                  |                 |
| 48.80   | 29                        | 12000                     | 61800                  |                 |
| 42.15   | 33                        | 12000                     | 57900                  | AD <sub>6</sub> |
| 37.28   | 38                        | 12000                     | 54800                  |                 |
| 31.33   | 45                        | 12000                     | 50600                  | AD <sub>7</sub> |
| 25.30   | 55                        | 12000                     | 45700                  |                 |
| 2-stage |                           |                           |                        |                 |
| 26.86   | 52                        | 8500                      | 55300                  | AD <sub>6</sub> |
| 24.57   | 57                        | 8500                      | 53300                  |                 |
| 21.38   | 65                        | 12000                     | 42000                  | AD <sub>8</sub> |
| 18.87   | 74                        | 11000                     | 41900                  |                 |
| 16.36   | 86                        | 11000                     | 39000                  |                 |
| 14.55   | 96                        | 11000                     | 36200                  |                 |
| 12.54   | 112                       | 10000                     | 36400                  |                 |
| 10.19   | 137                       | 9500                      | 34000                  |                 |
| 8.86    | 158                       | 7000                      | 36400                  |                 |
| 7.88    | 178                       | 6000                      | 37000                  |                 |
| 6.80    | 206                       | 7000                      | 32200                  |                 |
| 5.52    | 254                       | 6000                      | 31700                  |                 |
| 4.68    | 299                       | 6000                      | 29500                  |                 |

KS150,KS30/40H10 n<sub>e</sub>=1400 1/min

| KS150   |                           |                           | 18000Nm                |                 |
|---------|---------------------------|---------------------------|------------------------|-----------------|
| i       | n <sub>s</sub><br>[1/min] | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] | AD              |
| 267.43  | 5.2                       | 18000                     | 100300                 | AD <sub>5</sub> |
| 217.62  | 6.4                       | 18000                     | 100300                 |                 |
| 178.20  | 7.9                       | 18000                     | 100300                 |                 |
| 162.96  | 8.6                       | 18000                     | 100300                 |                 |
| 141.80  | 9.9                       | 18000                     | 100300                 |                 |
| 125.14  | 11                        | 18000                     | 100300                 |                 |
| 108.49  | 13                        | 18000                     | 100300                 |                 |
| 96.53   | 15                        | 18000                     | 100300                 |                 |
| 85.80   | 16                        | 18000                     | 95700                  |                 |
| 78.46   | 18                        | 18000                     | 92300                  |                 |
| 68.28   | 21                        | 18000                     | 87000                  |                 |
| 60.25   | 23                        | 18000                     | 82500                  |                 |
| 52.24   | 27                        | 18000                     | 77500                  | AD <sub>6</sub> |
| 46.48   | 30                        | 18000                     | 73600                  | AD <sub>7</sub> |
| 40.06   | 35                        | 18000                     | 68900                  |                 |
| 32.55   | 43                        | 18000                     | 62500                  | AD <sub>8</sub> |
| 27.60   | 51                        | 18000                     | 57800                  |                 |
| 2-stage |                           |                           |                        |                 |
| 53.55   | 26                        | 8000                      | 98300                  | AD <sub>5</sub> |
| 43.94   | 32                        | 10000                     | 87800                  | AD <sub>6</sub> |
| 35.75   | 39                        | 11000                     | 79300                  |                 |
| 28.60   | 49                        | 17000                     | 60800                  | AD <sub>8</sub> |
| 25.43   | 55                        | 15000                     | 61500                  |                 |
| 22.16   | 63                        | 18000                     | 51800                  |                 |
| 19.77   | 71                        | 17000                     | 50900                  |                 |
| 16.85   | 83                        | 18000                     | 44900                  |                 |
| 13.96   | 100                       | 17000                     | 42500                  |                 |
| 11.92   | 117                       | 16000                     | 40900                  |                 |

| KS30H10 200Nm |                           |                    |                           |                        |
|---------------|---------------------------|--------------------|---------------------------|------------------------|
| i             | n <sub>a</sub><br>[1/min] | Stage<br>KS30 KH10 | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] |
| 8193          | 0.17                      | 3 3                | 200                       | 4290                   |
| 7064          | 0.20                      | 3 3                | 200                       | 4290                   |
| 6585          | 0.21                      | 3 3                | 200                       | 4290                   |
| 5756          | 0.24                      | 3 3                | 200                       | 4290                   |
| 4963          | 0.28                      | 3 3                | 200                       | 4290                   |
| 4434          | 0.32                      | 3 3                | 200                       | 4290                   |
| 3875          | 0.36                      | 3 3                | 200                       | 4290                   |
| 3392          | 0.41                      | 3 3                | 200                       | 4290                   |
| 2965          | 0.47                      | 3 3                | 200                       | 4290                   |
| 2587          | 0.54                      | 3 3                | 200                       | 4290                   |
| 2284          | 0.61                      | 3 3                | 200                       | 4290                   |
| 1997          | 0.70                      | 3 3                | 200                       | 4290                   |
| 1929          | 0.73                      | 2 3                | 200                       | 4290                   |
| 1742          | 0.80                      | 3 3                | 200                       | 4290                   |
| 1679          | 0.83                      | 2 3                | 200                       | 4290                   |
| 1550          | 0.90                      | 2 3                | 200                       | 4290                   |
| 1545          | 0.91                      | 3 3                | 200                       | 4290                   |
| 1370          | 1.0                       | 3 2                | 200                       | 4290                   |
| 1356          | 1.0                       | 2 3                | 200                       | 4290                   |
| 1198          | 1.2                       | 3 2                | 200                       | 4290                   |
| 1180          | 1.2                       | 2 3                | 200                       | 4290                   |
| 1047          | 1.3                       | 3 2                | 200                       | 4290                   |
| 1044          | 1.3                       | 2 3                | 200                       | 4290                   |
| 915           | 1.5                       | 3 2                | 200                       | 4290                   |
| 914           | 1.5                       | 2 3                | 200                       | 4290                   |
| 808           | 1.7                       | 2 3                | 200                       | 4290                   |
| 807           | 1.7                       | 3 2                | 200                       | 4290                   |
| 707           | 2.0                       | 3 2                | 200                       | 4290                   |
| 698           | 2.0                       | 2 3                | 200                       | 4290                   |
| 617           | 2.3                       | 3 2                | 200                       | 4290                   |
| 616           | 2.3                       | 2 3                | 200                       | 4290                   |
| 544           | 2.6                       | 2 3                | 200                       | 4290                   |
| 538           | 2.6                       | 3 2                | 200                       | 4290                   |
| 477           | 2.9                       | 3 2                | 200                       | 4290                   |
| 466           | 3.0                       | 2 3                | 200                       | 4290                   |
| 412           | 3.4                       | 3 2                | 200                       | 4290                   |
| 411           | 3.4                       | 2 3                | 200                       | 4290                   |
| 365           | 3.8                       | 3 2                | 200                       | 4290                   |
| 364           | 3.8                       | 2 3                | 200                       | 4290                   |
| 326           | 4.3                       | 2 2                | 200                       | 4290                   |
| 322           | 4.3                       | 3 2                | 200                       | 4290                   |
| 285           | 4.9                       | 2 2                | 200                       | 4290                   |
| 278           | 5.0                       | 3 2                | 200                       | 4290                   |
| 250           | 5.6                       | 2 2                | 200                       | 4290                   |
| 242           | 5.8                       | 3 2                | 200                       | 4290                   |
| 221           | 6.3                       | 3 2                | 200                       | 4290                   |
| 219           | 6.4                       | 2 2                | 200                       | 4290                   |
| 195           | 7.2                       | 3 2                | 200                       | 4290                   |
| 186           | 7.5                       | 2 2                | 200                       | 4290                   |
| 168           | 8.3                       | 3 2                | 200                       | 4290                   |
| 167           | 8.4                       | 2 2                | 200                       | 4290                   |
| 147           | 9.5                       | 3 2                | 200                       | 4290                   |
| 145           | 9.7                       | 2 2                | 200                       | 4290                   |
| 129           | 11                        | 2 2                | 200                       | 4290                   |
| 127           | 11                        | 3 2                | 200                       | 4290                   |
| 121           | 12                        | 3 2                | 200                       | 4290                   |
| 118           | 12                        | 2 2                | 200                       | 4290                   |
| 108           | 13                        | 3 2                | 200                       | 4290                   |
| 98            | 14                        | 2 2                | 200                       | 4290                   |
| 91            | 15                        | 3 2                | 200                       | 4290                   |
| 87            | 16                        | 2 2                | 200                       | 4290                   |

| KS40H10 |                           |                    | 400Nm                     |                        |
|---------|---------------------------|--------------------|---------------------------|------------------------|
| i       | n <sub>a</sub><br>[1/min] | Stage<br>KS40 KH10 | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] |
| 12251   | 0.11                      | 3 3                | 400                       | 5920                   |
| 10619   | 0.13                      | 3 3                | 400                       | 5920                   |
| 9846    | 0.14                      | 3 3                | 400                       | 5920                   |
| 8534    | 0.16                      | 3 3                | 400                       | 5920                   |
| 7460    | 0.19                      | 3 3                | 400                       | 5920                   |
| 6536    | 0.21                      | 3 3                | 400                       | 5920                   |
| 5746    | 0.24                      | 3 3                | 400                       | 5920                   |
| 5022    | 0.28                      | 3 3                | 400                       | 5920                   |
| 4401    | 0.32                      | 3 3                | 400                       | 5920                   |
| 3883    | 0.36                      | 3 3                | 400                       | 5920                   |
| 3443    | 0.41                      | 3 3                | 400                       | 5920                   |
| 2976    | 0.47                      | 3 3                | 400                       | 5920                   |
| 2629    | 0.53                      | 3 3                | 400                       | 5920                   |
| 2519    | 0.56                      | 2 3                | 400                       | 5920                   |
| 2394    | 0.58                      | 2 3                | 400                       | 5920                   |
| 2304    | 0.61                      | 3 3                | 400                       | 5920                   |
| 2172    | 0.64                      | 2 3                | 400                       | 5920                   |
| 2033    | 0.69                      | 3 3                | 400                       | 5920                   |
| 2025    | 0.69                      | 2 3                | 400                       | 5920                   |
| 1785    | 0.78                      | 3 2                | 400                       | 5920                   |
| 1770    | 0.79                      | 2 3                | 400                       | 5920                   |
| 1578    | 0.89                      | 3 2                | 400                       | 5920                   |
| 1576    | 0.89                      | 2 3                | 400                       | 5920                   |
| 1364    | 1.0                       | 3 2                | 400                       | 5920                   |
| 1363    | 1.0                       | 2 3                | 400                       | 5920                   |
| 1203    | 1.2                       | 3 2                | 400                       | 5920                   |
| 1192    | 1.2                       | 2 3                | 400                       | 5920                   |
| 1061    | 1.3                       | 2 3                | 400                       | 5920                   |
| 1049    | 1.3                       | 3 2                | 400                       | 5920                   |
| 931     | 1.5                       | 2 3                | 400                       | 5920                   |
| 918     | 1.5                       | 3 2                | 400                       | 5920                   |
| 822     | 1.7                       | 2 3                | 400                       | 5920                   |
| 809     | 1.7                       | 3 2                | 400                       | 5920                   |
| 706     | 2.0                       | 2 3                | 400                       | 5920                   |
| 700     | 2.0                       | 3 2                | 400                       | 5920                   |
| 622     | 2.3                       | 3 2                | 400                       | 5920                   |
| 619     | 2.3                       | 2 3                | 400                       | 5920                   |
| 543     | 2.6                       | 3 2                | 400                       | 5920                   |
| 524     | 2.7                       | 2 2                | 400                       | 5920                   |
| 489     | 2.9                       | 2 2                | 400                       | 5920                   |
| 475     | 2.9                       | 3 2                | 400                       | 5920                   |
| 427     | 3.3                       | 2 2                | 400                       | 5920                   |
| 419     | 3.3                       | 3 2                | 400                       | 5920                   |
| 381     | 3.7                       | 2 2                | 400                       | 5920                   |
| 370     | 3.8                       | 3 2                | 400                       | 5920                   |
| 334     | 4.2                       | 2 2                | 400                       | 5920                   |
| 324     | 4.3                       | 3 2                | 400                       | 5920                   |
| 295     | 4.7                       | 2 2                | 400                       | 5920                   |
| 288     | 4.9                       | 3 2                | 400                       | 5920                   |
| 253     | 5.5                       | 2 2                | 400                       | 5920                   |
| 249     | 5.6                       | 3 2                | 400                       | 5920                   |
| 218     | 6.4                       | 3 2                | 400                       | 5920                   |
| 217     | 6.5                       | 2 2                | 400                       | 5920                   |
| 193     | 7.3                       | 3 2                | 400                       | 5920                   |
| 190     | 7.4                       | 2 2                | 400                       | 5920                   |
| 178     | 7.9                       | 2 2                | 400                       | 5920                   |
| 175     | 8.0                       | 3 2                | 400                       | 5920                   |
| 149     | 9.4                       | 2 2                | 400                       | 5920                   |
| 147     | 9.5                       | 3 2                | 400                       | 5920                   |
| 131     | 11                        | 2 2                | 400                       | 5920                   |
| 130     | 11                        | 3 2                | 400                       | 5920                   |



KS50/60/70H30  $n_e=1400$  1/min

| KS50H30 600Nm |                  |                    |   |                    |                 |
|---------------|------------------|--------------------|---|--------------------|-----------------|
| i             | $n_e$<br>[1/min] | Stage<br>KS50 KH30 |   | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] |
| 14832         | 0.09             | 3                  | 3 | 600                | 8200            |
| 13604         | 0.10             | 3                  | 3 | 600                | 8200            |
| 12602         | 0.11             | 3                  | 3 | 600                | 8200            |
| 11252         | 0.12             | 3                  | 3 | 600                | 8200            |
| 9986          | 0.14             | 3                  | 3 | 600                | 8200            |
| 8787          | 0.16             | 3                  | 3 | 600                | 8200            |
| 7908          | 0.18             | 3                  | 3 | 600                | 8200            |
| 6913          | 0.20             | 3                  | 3 | 600                | 8200            |
| 6030          | 0.23             | 3                  | 3 | 600                | 8200            |
| 5289          | 0.26             | 3                  | 3 | 600                | 8200            |
| 4654          | 0.30             | 3                  | 3 | 600                | 8200            |
| 4060          | 0.34             | 3                  | 3 | 600                | 8200            |
| 3564          | 0.39             | 3                  | 3 | 600                | 8200            |
| 3161          | 0.44             | 3                  | 3 | 600                | 8200            |
| 2854          | 0.49             | 2                  | 3 | 600                | 8200            |
| 2737          | 0.51             | 3                  | 3 | 600                | 8200            |
| 2576          | 0.54             | 2                  | 3 | 600                | 8200            |
| 2409          | 0.58             | 3                  | 3 | 600                | 8200            |
| 2266          | 0.62             | 2                  | 3 | 600                | 8200            |
| 2131          | 0.66             | 3                  | 3 | 600                | 8200            |
| 2012          | 0.70             | 2                  | 3 | 600                | 8200            |
| 1840          | 0.76             | 3                  | 3 | 600                | 8200            |
| 1791          | 0.78             | 2                  | 3 | 600                | 8200            |
| 1623          | 0.86             | 3                  | 2 | 600                | 8200            |
| 1617          | 0.87             | 2                  | 2 | 600                | 8200            |
| 1439          | 0.97             | 3                  | 3 | 600                | 8200            |
| 1422          | 0.98             | 2                  | 2 | 600                | 8200            |
| 1243          | 1.1              | 2                  | 3 | 600                | 8200            |
| 1238          | 1.1              | 3                  | 3 | 600                | 8200            |
| 1106          | 1.3              | 3                  | 2 | 600                | 8200            |
| 1066          | 1.3              | 2                  | 2 | 600                | 8200            |
| 967           | 1.4              | 3                  | 3 | 600                | 8200            |
| 949           | 1.5              | 2                  | 3 | 600                | 8200            |
| 856           | 1.6              | 2                  | 2 | 600                | 8200            |
| 851           | 1.6              | 3                  | 3 | 600                | 8200            |
| 749           | 1.9              | 2                  | 2 | 600                | 8200            |
| 738           | 1.9              | 3                  | 3 | 600                | 8200            |
| 658           | 2.1              | 2                  | 2 | 600                | 8200            |
| 646           | 2.2              | 3                  | 2 | 600                | 8200            |
| 558           | 2.5              | 3                  | 3 | 600                | 8200            |
| 549           | 2.6              | 2                  | 2 | 600                | 8200            |
| 506           | 2.8              | 3                  | 3 | 600                | 8200            |
| 483           | 2.9              | 2                  | 2 | 600                | 8200            |
| 452           | 3.1              | 3                  | 3 | 600                | 8200            |
| 426           | 3.3              | 2                  | 2 | 600                | 8200            |
| 386           | 3.6              | 3                  | 2 | 600                | 8200            |
| 382           | 3.7              | 2                  | 2 | 600                | 8200            |
| 338           | 4.1              | 3                  | 2 | 600                | 8200            |
| 330           | 4.2              | 2                  | 2 | 600                | 8200            |
| 298           | 4.7              | 2                  | 2 | 600                | 8200            |
| 298           | 4.7              | 2                  | 2 | 600                | 8200            |
| 262           | 5.3              | 2                  | 2 | 600                | 8200            |
| 255           | 5.5              | 3                  | 2 | 600                | 8200            |
| 226           | 6.2              | 2                  | 2 | 600                | 8200            |
| 226           | 6.2              | 2                  | 2 | 600                | 8200            |
| 201           | 7.0              | 3                  | 2 | 600                | 8200            |
| 200           | 7.0              | 2                  | 2 | 600                | 8200            |
| 181           | 7.7              | 3                  | 2 | 600                | 8200            |
| 170           | 8.2              | 2                  | 2 | 600                | 8200            |
| 155           | 9.0              | 3                  | 2 | 600                | 8200            |
| 152           | 9.2              | 2                  | 2 | 600                | 8200            |
| 134           | 10               | 2                  | 2 | 600                | 8200            |

| KS60H30 820Nm |                  |                    |   |                    |                 |
|---------------|------------------|--------------------|---|--------------------|-----------------|
| i             | $n_e$<br>[1/min] | Stage<br>KS60 KH30 |   | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] |
| 19199         | 0.07             | 3                  | 3 | 820                | 10300           |
| 17610         | 0.08             | 3                  | 3 | 820                | 10300           |
| 14992         | 0.09             | 3                  | 3 | 820                | 10300           |
| 12926         | 0.11             | 3                  | 3 | 820                | 10300           |
| 11480         | 0.12             | 3                  | 3 | 820                | 10300           |
| 10220         | 0.14             | 3                  | 3 | 820                | 10300           |
| 8933          | 0.16             | 3                  | 3 | 820                | 10300           |
| 7940          | 0.18             | 3                  | 3 | 820                | 10300           |
| 7096          | 0.20             | 3                  | 3 | 820                | 10300           |
| 6080          | 0.23             | 3                  | 3 | 820                | 10300           |
| 5341          | 0.26             | 3                  | 3 | 820                | 10300           |
| 4690          | 0.30             | 3                  | 3 | 820                | 10300           |
| 4091          | 0.34             | 3                  | 3 | 820                | 10300           |
| 3574          | 0.39             | 3                  | 3 | 820                | 10300           |
| 3377          | 0.41             | 2                  | 3 | 820                | 10300           |
| 3133          | 0.45             | 3                  | 3 | 820                | 10300           |
| 2912          | 0.48             | 2                  | 3 | 820                | 10300           |
| 2756          | 0.51             | 3                  | 3 | 820                | 10300           |
| 2714          | 0.52             | 2                  | 3 | 820                | 10300           |
| 2439          | 0.57             | 3                  | 3 | 820                | 10300           |
| 2372          | 0.59             | 2                  | 3 | 820                | 10300           |
| 2126          | 0.66             | 2                  | 3 | 820                | 10300           |
| 2106          | 0.66             | 3                  | 2 | 820                | 10300           |
| 1884          | 0.74             | 3                  | 2 | 820                | 10300           |
| 1859          | 0.75             | 2                  | 3 | 820                | 10300           |
| 1635          | 0.86             | 3                  | 2 | 820                | 10300           |
| 1631          | 0.86             | 2                  | 3 | 820                | 10300           |
| 1437          | 0.97             | 2                  | 3 | 820                | 10300           |
| 1429          | 0.98             | 3                  | 2 | 820                | 10300           |
| 1271          | 1.1              | 3                  | 2 | 820                | 10300           |
| 1256          | 1.1              | 2                  | 3 | 820                | 10300           |
| 1126          | 1.2              | 2                  | 3 | 820                | 10300           |
| 1102          | 1.3              | 3                  | 2 | 820                | 10300           |
| 984           | 1.4              | 2                  | 3 | 820                | 10300           |
| 970           | 1.4              | 3                  | 2 | 820                | 10300           |
| 864           | 1.6              | 2                  | 3 | 820                | 10300           |
| 858           | 1.6              | 3                  | 2 | 820                | 10300           |
| 755           | 1.9              | 3                  | 2 | 820                | 10300           |
| 722           | 1.9              | 2                  | 3 | 820                | 10300           |
| 641           | 2.2              | 3                  | 2 | 820                | 10300           |
| 634           | 2.2              | 2                  | 3 | 820                | 10300           |
| 572           | 2.4              | 3                  | 2 | 820                | 10300           |
| 539           | 2.6              | 2                  | 3 | 820                | 10300           |
| 509           | 2.8              | 3                  | 2 | 820                | 10300           |
| 500           | 2.8              | 2                  | 2 | 820                | 10300           |
| 454           | 3.1              | 2                  | 2 | 820                | 10300           |
| 437           | 3.2              | 3                  | 2 | 820                | 10300           |
| 392           | 3.6              | 2                  | 2 | 820                | 10300           |
| 384           | 3.6              | 3                  | 2 | 820                | 10300           |
| 338           | 4.1              | 3                  | 2 | 820                | 10300           |
| 333           | 4.2              | 2                  | 2 | 820                | 10300           |
| 305           | 4.6              | 3                  | 2 | 820                | 10300           |
| 297           | 4.7              | 2                  | 2 | 820                | 10300           |
| 261           | 5.4              | 2                  | 2 | 820                | 10300           |
| 257           | 5.4              | 3                  | 2 | 820                | 10300           |
| 238           | 5.9              | 2                  | 2 | 820                | 10300           |
| 231           | 6.1              | 3                  | 2 | 820                | 10300           |
| 205           | 6.8              | 3                  | 2 | 820                | 10300           |
| 200           | 7.0              | 2                  | 2 | 820                | 10300           |
| 176           | 8.0              | 2                  | 2 | 820                | 10300           |
| 175           | 8.0              | 3                  | 2 | 820                | 10300           |

| KS70H30 1500Nm |                  |                    |   |                    |                 |
|----------------|------------------|--------------------|---|--------------------|-----------------|
| i              | $n_e$<br>[1/min] | Stage<br>KS70 KH30 |   | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] |
| 19180          | 0.07             | 3                  | 3 | 1500               | 15700           |
| 17593          | 0.08             | 3                  | 3 | 1500               | 15700           |
| 16128          | 0.09             | 3                  | 3 | 1500               | 15700           |
| 14978          | 0.09             | 3                  | 3 | 1500               | 15700           |
| 13731          | 0.10             | 3                  | 3 | 1500               | 15700           |
| 12049          | 0.12             | 3                  | 3 | 1500               | 15700           |
| 11035          | 0.13             | 3                  | 3 | 1500               | 15700           |
| 9683           | 0.14             | 3                  | 3 | 1500               | 15700           |
| 8464           | 0.17             | 3                  | 3 | 1500               | 15700           |
| 7520           | 0.19             | 3                  | 3 | 1500               | 15700           |
| 6580           | 0.21             | 3                  | 3 | 1500               | 15700           |
| 5808           | 0.24             | 3                  | 3 | 1500               | 15700           |
| 5026           | 0.28             | 3                  | 3 | 1500               | 15700           |
| 4931           | 0.28             | 2                  | 3 | 1110               | 17900           |
| 4523           | 0.31             | 2                  | 3 | 1110               | 17900           |
| 4435           | 0.32             | 3                  | 3 | 1500               | 15700           |
| 3851           | 0.36             | 2                  | 3 | 1110               | 17900           |
| 3832           | 0.37             | 3                  | 3 | 1500               | 15700           |
| 3381           | 0.41             | 3                  | 3 | 1500               | 15700           |
| 3320           | 0.42             | 2                  | 3 | 1110               | 17900           |
| 3095           | 0.45             | 2                  | 3 | 1110               | 17900           |
| 2978           | 0.47             | 3                  | 3 | 1500               | 15700           |
| 2705           | 0.52             | 2                  | 3 | 1110               | 17900           |
| 2613           | 0.54             | 3                  | 3 | 1500               | 15700           |
| 2536           | 0.55             | 2                  | 3 | 1110               | 17900           |
| 2284           | 0.61             | 3                  | 3 | 1500               | 15700           |
| 2238           | 0.63             | 2                  | 3 | 1110               | 17900           |
| 2039           | 0.69             | 2                  | 3 | 1110               | 17900           |
| 2029           | 0.69             | 3                  | 2 | 1500               | 15700           |
| 1759           | 0.80             | 2                  | 3 | 1110               | 17900           |
| 1728           | 0.81             | 3                  | 2 | 1500               | 15700           |
| 1639           | 0.85             | 2                  | 3 | 1110               | 17900           |
| 1544           | 0.91             | 3                  | 2 | 1500               | 15700           |
| 1433           | 0.98             | 2                  | 3 | 1110               | 17900           |
| 1354           | 1.0              | 3                  | 2 | 1500               | 15700           |
| 1343           | 1.0              | 2                  | 3 | 1110               | 17900           |
| 1200           | 1.2              | 3                  | 2 | 1500               | 15700           |
| 1185           | 1.2              | 2                  | 3 | 1110               | 17900           |
| 1053           | 1.3              | 3                  | 2 | 1500               | 15700           |
| 1051           | 1.3              | 2                  | 3 | 1100               | 17900           |
| 910            | 1.5              | 3                  | 2 | 1500               | 15700           |
| 893            | 1.6              | 2                  | 3 | 1110               | 17900           |
| 815            | 1.7              | 2                  | 2 | 1110               | 17900           |
| 810            | 1.7              | 3                  | 2 | 1500               | 15700           |
| 710            | 2.0              | 3                  | 2 | 1500               | 15700           |
| 706            | 2.0              | 2                  | 2 | 1110               | 17900           |
| 660            | 2.1              | 2                  | 2 | 1110               | 17900           |
| 615            | 2.3              | 3                  | 2 | 1500               | 15700           |
| 571            | 2.5              | 2                  | 2 | 1110               | 17900           |
| 538            | 2.6              | 3                  | 2 | 1500               | 15700           |
| 485            | 2.9              | 2                  | 2 | 1110               | 17900           |
| 480            | 2.9              | 3                  | 2 | 1500               | 15700           |
| 433            | 3.2              | 2                  | 2 | 1110               | 17900           |
| 413            | 3.4              | 3                  | 2 | 1500               | 15700           |
| 370            | 3.8              | 2                  | 2 | 1110               | 17900           |
| 367            | 3.8              | 3                  | 2 | 1500               | 15700           |
| 346            | 4.0              | 2                  | 2 | 1110               | 17900           |
| 323            | 4.3              | 3                  | 2 | 1500               | 15700           |
| 292            | 4.8              | 2                  | 2 | 1110               | 17900           |
| 280            | 5.0              | 3                  | 2 | 1500               | 15700           |
| 247            | 5.7              | 3                  | 2 | 1500               | 15700           |
| 221            | 6.3              | 3                  | 2 | 1500               | 15700           |
| 199            | 7.0              | 3                  | 2 | 1500               | 15700           |

KS80/90H50,KS100H70  $n_e=1400$  1/min

| KS80H50 |                           |                    |   | 3000Nm                    |                        |
|---------|---------------------------|--------------------|---|---------------------------|------------------------|
| i       | n <sub>a</sub><br>[1/min] | Stage<br>KS80 KH50 |   | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] |
| 23042   | 0.06                      | 3                  | 3 | 3000                      | 19800                  |
| 20462   | 0.07                      | 3                  | 3 | 3000                      | 19800                  |
| 18238   | 0.08                      | 3                  | 3 | 3000                      | 19800                  |
| 15877   | 0.09                      | 3                  | 3 | 3000                      | 19800                  |
| 14099   | 0.10                      | 3                  | 3 | 3000                      | 19800                  |
| 12205   | 0.11                      | 3                  | 3 | 3000                      | 19800                  |
| 10433   | 0.13                      | 3                  | 3 | 3000                      | 19800                  |
| 9381    | 0.15                      | 3                  | 3 | 3000                      | 19800                  |
| 8142    | 0.17                      | 3                  | 3 | 3000                      | 19800                  |
| 7100    | 0.20                      | 3                  | 3 | 3000                      | 19800                  |
| 6273    | 0.22                      | 3                  | 3 | 3000                      | 19800                  |
| 5510    | 0.25                      | 3                  | 3 | 3000                      | 19800                  |
| 4954    | 0.28                      | 3                  | 3 | 3000                      | 19800                  |
| 4952    | 0.28                      | 2                  | 3 | 3000                      | 19800                  |
| 4562    | 0.31                      | 2                  | 3 | 3000                      | 19800                  |
| 4245    | 0.33                      | 3                  | 3 | 3000                      | 19800                  |
| 3919    | 0.36                      | 2                  | 3 | 3000                      | 19800                  |
| 3721    | 0.38                      | 3                  | 3 | 3000                      | 19800                  |
| 3503    | 0.40                      | 2                  | 3 | 3000                      | 19800                  |
| 3244    | 0.43                      | 3                  | 2 | 3000                      | 19800                  |
| 3196    | 0.44                      | 2                  | 3 | 3000                      | 19800                  |
| 2881    | 0.49                      | 3                  | 2 | 3000                      | 19800                  |
| 2857    | 0.49                      | 2                  | 3 | 3000                      | 19800                  |
| 2576    | 0.54                      | 3                  | 2 | 3000                      | 19800                  |
| 2524    | 0.55                      | 2                  | 3 | 3000                      | 19800                  |
| 2199    | 0.64                      | 3                  | 2 | 3000                      | 19800                  |
| 2134    | 0.66                      | 2                  | 3 | 3000                      | 19800                  |
| 1930    | 0.73                      | 3                  | 2 | 3000                      | 19800                  |
| 1913    | 0.73                      | 2                  | 3 | 3000                      | 19800                  |
| 1717    | 0.82                      | 2                  | 3 | 3000                      | 19800                  |
| 1709    | 0.82                      | 3                  | 2 | 3000                      | 19800                  |
| 1493    | 0.94                      | 3                  | 2 | 3000                      | 19800                  |
| 1476    | 0.95                      | 2                  | 3 | 3000                      | 19800                  |
| 1300    | 1.1                       | 3                  | 2 | 3000                      | 19800                  |
| 1278    | 1.1                       | 2                  | 3 | 3000                      | 19800                  |
| 1148    | 1.2                       | 3                  | 2 | 3000                      | 19800                  |
| 1142    | 1.2                       | 2                  | 3 | 3000                      | 19800                  |
| 1010    | 1.4                       | 3                  | 2 | 3000                      | 19800                  |
| 988     | 1.4                       | 2                  | 3 | 3000                      | 19800                  |
| 887     | 1.6                       | 3                  | 2 | 3000                      | 19800                  |
| 883     | 1.6                       | 2                  | 3 | 3000                      | 19800                  |
| 780     | 1.8                       | 3                  | 2 | 3000                      | 19800                  |
| 748     | 1.9                       | 2                  | 3 | 3000                      | 19800                  |
| 674     | 2.1                       | 3                  | 2 | 3000                      | 19800                  |
| 662     | 2.1                       | 2                  | 2 | 3000                      | 19800                  |
| 609     | 2.3                       | 3                  | 2 | 3000                      | 19800                  |
| 592     | 2.4                       | 2                  | 2 | 3000                      | 19800                  |
| 519     | 2.7                       | 2                  | 2 | 3000                      | 19800                  |
| 515     | 2.7                       | 3                  | 2 | 3000                      | 19800                  |
| 468     | 3.0                       | 2                  | 2 | 3000                      | 19800                  |
| 452     | 3.1                       | 3                  | 2 | 3000                      | 19800                  |
| 398     | 3.5                       | 2                  | 2 | 3000                      | 19800                  |
| 350     | 4.0                       | 2                  | 2 | 3000                      | 19800                  |
| 345     | 4.1                       | 3                  | 2 | 3000                      | 19800                  |
| 315     | 4.4                       | 2                  | 2 | 3000                      | 19800                  |
| 300     | 4.7                       | 3                  | 2 | 3000                      | 19800                  |
| 281     | 5.0                       | 2                  | 2 | 3000                      | 19800                  |
| 249     | 5.6                       | 3                  | 2 | 3000                      | 19800                  |
| 240     | 5.8                       | 2                  | 2 | 3000                      | 19800                  |
| 211     | 6.6                       | 2                  | 2 | 3000                      | 19800                  |
| 193     | 7.3                       | 2                  | 2 | 3000                      | 19800                  |



KS120H70,KS120H80,KS150H90      $n_e=1400$  1/min

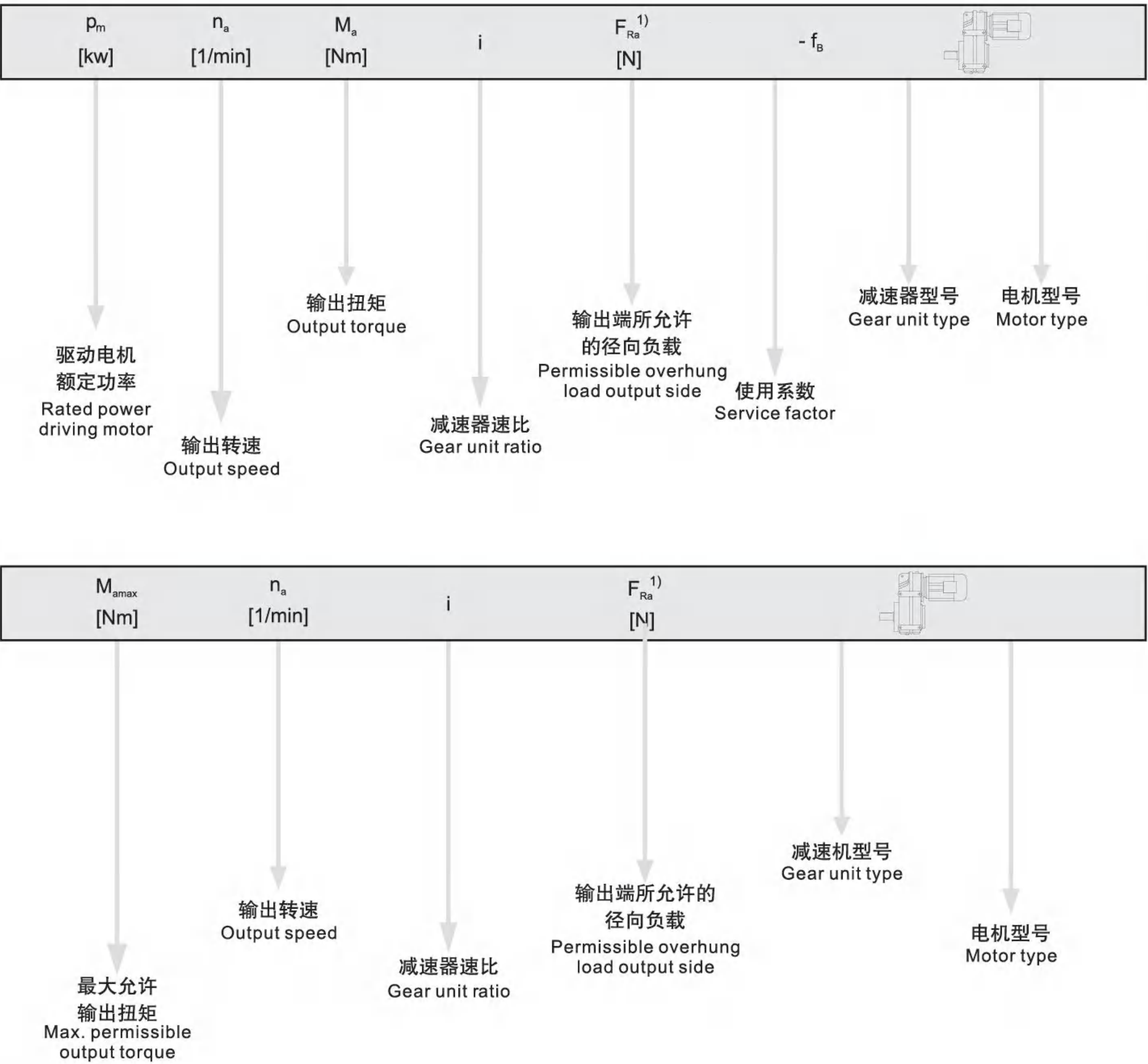
| KS120H70 |                  |                     |   |                    | 12000Nm         |  |  |  |  |
|----------|------------------|---------------------|---|--------------------|-----------------|--|--|--|--|
| i        | $n_a$<br>[1/min] | Stage<br>KS120 KH70 |   | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] |  |  |  |  |
| 24478    | 0.06             | 3                   | 3 | 12000              | 90000           |  |  |  |  |
| 22323    | 0.06             | 3                   | 3 | 12000              | 90000           |  |  |  |  |
| 19048    | 0.07             | 3                   | 3 | 12000              | 90000           |  |  |  |  |
| 16656    | 0.08             | 3                   | 3 | 12000              | 90000           |  |  |  |  |
| 14722    | 0.10             | 3                   | 3 | 12000              | 90000           |  |  |  |  |
| 12912    | 0.11             | 3                   | 3 | 12000              | 90000           |  |  |  |  |
| 11656    | 0.12             | 3                   | 3 | 12000              | 90000           |  |  |  |  |
| 10191    | 0.14             | 3                   | 3 | 12000              | 90000           |  |  |  |  |
| 8831     | 0.16             | 3                   | 3 | 12000              | 90000           |  |  |  |  |
| 7643     | 0.18             | 3                   | 3 | 12000              | 90000           |  |  |  |  |
| 6715     | 0.21             | 3                   | 3 | 12000              | 90000           |  |  |  |  |
| 5925     | 0.24             | 3                   | 3 | 12000              | 90000           |  |  |  |  |
| 5153     | 0.27             | 3                   | 3 | 12000              | 90000           |  |  |  |  |
| 4533     | 0.31             | 3                   | 3 | 12000              | 90000           |  |  |  |  |
| 3926     | 0.36             | 3                   | 3 | 12000              | 90000           |  |  |  |  |
| 3454     | 0.41             | 3                   | 3 | 12000              | 90000           |  |  |  |  |
| 3031     | 0.46             | 3                   | 3 | 12000              | 90000           |  |  |  |  |
| 2672     | 0.52             | 3                   | 2 | 12000              | 90000           |  |  |  |  |
| 2357     | 0.59             | 3                   | 2 | 12000              | 90000           |  |  |  |  |
| 2038     | 0.69             | 3                   | 2 | 12000              | 90000           |  |  |  |  |
| 1784     | 0.78             | 3                   | 2 | 12000              | 90000           |  |  |  |  |
| 1606     | 0.87             | 3                   | 2 | 12000              | 90000           |  |  |  |  |
| 1390     | 1.0              | 3                   | 2 | 12000              | 90000           |  |  |  |  |
| 1220     | 1.1              | 3                   | 2 | 12000              | 90000           |  |  |  |  |
| 1077     | 1.3              | 3                   | 2 | 12000              | 90000           |  |  |  |  |
| 930      | 1.5              | 3                   | 2 | 12000              | 90000           |  |  |  |  |
| 820      | 1.7              | 3                   | 2 | 12000              | 90000           |  |  |  |  |
| 727      | 1.9              | 3                   | 2 | 12000              | 90000           |  |  |  |  |
| 648      | 2.2              | 3                   | 2 | 12000              | 90000           |  |  |  |  |
| 549      | 2.6              | 3                   | 2 | 12000              | 90000           |  |  |  |  |
| 495      | 2.8              | 3                   | 2 | 12000              | 90000           |  |  |  |  |
| 428      | 3.3              | 3                   | 2 | 12000              | 90000           |  |  |  |  |
| 376      | 3.7              | 3                   | 2 | 12000              | 90000           |  |  |  |  |

| KS120H80 |                  |                     |   |                    | 12000Nm         |  |  |  |  |
|----------|------------------|---------------------|---|--------------------|-----------------|--|--|--|--|
| i        | $n_a$<br>[1/min] | Stage<br>KS120 KH80 |   | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] |  |  |  |  |
| 483      | 2.9              | 3                   | 2 | 12000              | 90000           |  |  |  |  |
| 418      | 3.3              | 3                   | 2 | 12000              | 90000           |  |  |  |  |
| 374      | 3.7              | 3                   | 2 | 12000              | 90000           |  |  |  |  |
| 312      | 4.5              | 3                   | 2 | 12000              | 90000           |  |  |  |  |
| 293      | 4.8              | 3                   | 2 | 12000              | 90000           |  |  |  |  |
| 259      | 5.4              | 3                   | 2 | 12000              | 90000           |  |  |  |  |
| 223      | 6.3              | 3                   | 2 | 12000              | 90000           |  |  |  |  |
| 198      | 7.1              | 3                   | 2 | 12000              | 90000           |  |  |  |  |
| 166      | 8.4              | 3                   | 2 | 12000              | 90000           |  |  |  |  |

| KS150H90 |                  |                     |   |                    | 18000Nm         |  |  |  |  |
|----------|------------------|---------------------|---|--------------------|-----------------|--|--|--|--|
| i        | $n_a$<br>[1/min] | Stage<br>KS150 KH90 |   | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] |  |  |  |  |
| 31434    | 0.04             | 3                   | 3 | 18000              | 100300          |  |  |  |  |
| 26173    | 0.05             | 3                   | 3 | 18000              | 100300          |  |  |  |  |
| 23464    | 0.06             | 3                   | 3 | 18000              | 100300          |  |  |  |  |
| 20212    | 0.07             | 3                   | 3 | 18000              | 100300          |  |  |  |  |
| 17984    | 0.08             | 3                   | 3 | 18000              | 100300          |  |  |  |  |
| 16358    | 0.09             | 3                   | 3 | 18000              | 100300          |  |  |  |  |
| 13751    | 0.10             | 3                   | 3 | 18000              | 100300          |  |  |  |  |
| 12235    | 0.11             | 3                   | 3 | 18000              | 100300          |  |  |  |  |
| 10033    | 0.14             | 3                   | 3 | 18000              | 100300          |  |  |  |  |
| 9021     | 0.16             | 3                   | 3 | 18000              | 100300          |  |  |  |  |
| 8026     | 0.17             | 3                   | 3 | 18000              | 100300          |  |  |  |  |
| 7075     | 0.20             | 3                   | 3 | 18000              | 100300          |  |  |  |  |
| 6295     | 0.22             | 3                   | 3 | 18000              | 100300          |  |  |  |  |
| 5404     | 0.26             | 3                   | 3 | 18000              | 100300          |  |  |  |  |
| 4831     | 0.29             | 3                   | 3 | 18000              | 100300          |  |  |  |  |
| 4130     | 0.34             | 3                   | 3 | 18000              | 100300          |  |  |  |  |
| 3607     | 0.39             | 3                   | 3 | 18000              | 100300          |  |  |  |  |
| 3210     | 0.44             | 3                   | 3 | 18000              | 100300          |  |  |  |  |
| 2780     | 0.50             | 3                   | 3 | 18000              | 100300          |  |  |  |  |
| 2427     | 0.58             | 3                   | 2 | 18000              | 100300          |  |  |  |  |
| 2185     | 0.64             | 3                   | 2 | 18000              | 100300          |  |  |  |  |
| 1944     | 0.72             | 3                   | 2 | 18000              | 100300          |  |  |  |  |
| 1674     | 0.84             | 3                   | 2 | 18000              | 100300          |  |  |  |  |
| 1441     | 0.97             | 3                   | 2 | 18000              | 100300          |  |  |  |  |
| 1308     | 1.1              | 3                   | 2 | 18000              | 100300          |  |  |  |  |
| 1169     | 1.2              | 3                   | 2 | 18000              | 100300          |  |  |  |  |
| 953      | 1.5              | 3                   | 2 | 18000              | 100300          |  |  |  |  |
| 845      | 1.7              | 3                   | 2 | 18000              | 100300          |  |  |  |  |
| 764      | 1.8              | 3                   | 2 | 18000              | 100300          |  |  |  |  |
| 680      | 2.1              | 3                   | 2 | 18000              | 100300          |  |  |  |  |
| 576      | 2.4              | 3                   | 2 | 18000              | 100300          |  |  |  |  |
| 503      | 2.8              | 3                   | 2 | 18000              | 100300          |  |  |  |  |
| 446      | 3.1              | 3                   | 2 | 18000              | 100300          |  |  |  |  |
| 353      | 4.0              | 3                   | 2 | 18000              | 100300          |  |  |  |  |
| 302      | 4.6              | 3                   | 2 | 18000              | 100300          |  |  |  |  |
| 273      | 5.1              | 3                   | 2 | 18000              | 100300          |  |  |  |  |
| 232      | 6.0              | 3                   | 2 | 18000              | 100300          |  |  |  |  |
| 202      | 6.9              | 3                   | 2 | 18000              | 100300          |  |  |  |  |
| 197      | 7.1              | 3                   | 2 | 18000              | 100300          |  |  |  |  |

## 6.4 选型表注释 6.4 Selection table

选型表的结构  
Selection table geared motors



图例 Cutline

※ 也可用于EEXE电机。 ※ EEXE motor is optional.

1) 实心轴地脚安装减速机的径向负荷

1) Overhung load specified for foot – mounted gear unit with solid shaft

注意: Notice:

对于特殊低输出转速驱动（多级减速电机），电机功率必须与减速机的最大允许输出扭矩相对应。  
In drives for particularly low output speed (multi – stage geared motors), the motor power must be limited according to maximum permitted output torque of the gear unit.



| 输出<br>转速<br>Output<br>speed<br>n <sub>e</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model       |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------------|
| 0.12kW                                                   |                                                         |                       |                                                         |                                                 |                    |
| 0.06                                                     | 15000                                                   | 22323                 | 84600                                                   | 0.80                                            |                    |
| 0.07                                                     | 12600                                                   | 19048                 | 89300                                                   | 0.95                                            | KSA 120 H70 D63S4  |
| 0.08                                                     | 10800                                                   | 16656                 | 90000                                                   | 1.10                                            | KSAF 120 H70 D63S4 |
| 0.09                                                     | 9870                                                    | 14722                 | 90000                                                   | 1.20                                            | KS 120 H70 D63S4   |
| 0.11                                                     | 7980                                                    | 12912                 | 90000                                                   | 1.50                                            | KSF 120 H70 D63S4  |
| 0.12                                                     | 7090                                                    | 11656                 | 90000                                                   | 1.70                                            |                    |
| 0.14                                                     | 6300                                                    | 10191                 | 90000                                                   | 1.90                                            |                    |
| 0.09                                                     | 9590                                                    | 14767                 | 44400                                                   | 0.80                                            |                    |
| 0.12                                                     | 7610                                                    | 11348                 | 50000                                                   | 1.00                                            |                    |
| 0.14                                                     | 5890                                                    | 10039                 | 54300                                                   | 1.30                                            |                    |
| 0.16                                                     | 4880                                                    | 8548                  | 56600                                                   | 1.55                                            | KSA 100 H70 D63S4  |
| 0.18                                                     | 4740                                                    | 7674                  | 56900                                                   | 1.60                                            | KSAF 100 H70 D63S4 |
| 0.20                                                     | 4120                                                    | 6767                  | 58200                                                   | 1.85                                            | KS 100 H70 D63S4   |
| 0.23                                                     | 3530                                                    | 5954                  | 59400                                                   | 2.2                                             | KSF 100 H70 D63S4  |
| 0.26                                                     | 3070                                                    | 5223                  | 60300                                                   | 2.5                                             |                    |
| 0.30                                                     | 2890                                                    | 4567                  | 60600                                                   | 2.7                                             |                    |
| 0.39                                                     | 2140                                                    | 3521                  | 61900                                                   | 3.6                                             |                    |
| 0.19                                                     | 4800                                                    | 7328                  | 23100                                                   | 0.90                                            | KSA 90 H50 D63S4   |
| 0.21                                                     | 4040                                                    | 6469                  | 30700                                                   | 1.05                                            | KSAF 90 H50 D63S4  |
| 0.25                                                     | 3680                                                    | 5615                  | 31600                                                   | 1.15                                            | KS 90 H50 D63S4    |
| 0.28                                                     | 3200                                                    | 4961                  | 32800                                                   | 1.35                                            | KSF 90 H50 D63S4   |
| 0.32                                                     | 2800                                                    | 4333                  | 33800                                                   | 1.55                                            |                    |
| 0.35                                                     | 2550                                                    | 3906                  | 34300                                                   | 1.70                                            | KSA 90 H50 D63S4   |
| 0.41                                                     | 2210                                                    | 3352                  | 35000                                                   | 1.95                                            | KSAF 90 H50 D63S4  |
| 0.47                                                     | 1820                                                    | 2907                  | 35700                                                   | 2.4                                             | KS 90 H50 D63S4    |
| 0.54                                                     | 1670                                                    | 2553                  | 36000                                                   | 2.6                                             | KSF 90 H50 D63S4   |
| 0.28                                                     | 3250                                                    | 4954                  | 23640                                                   | 0.90                                            | KSA 80 H50 D63S4   |
| 0.33                                                     | 2690                                                    | 4245                  | 24100                                                   | 1.10                                            | KSAF 80 H50 D63S4  |
| 0.37                                                     | 2200                                                    | 3721                  | 25800                                                   | 1.35                                            | KS 80 H50 D63S4    |
| 0.43                                                     | 2140                                                    | 3244                  | 26000                                                   | 1.40                                            |                    |
| 0.48                                                     | 1900                                                    | 2881                  | 26700                                                   | 1.60                                            |                    |
| 0.54                                                     | 1700                                                    | 2576                  | 27300                                                   | 1.75                                            | KSA 80 H50 D63S4   |
| 0.63                                                     | 1440                                                    | 2199                  | 28000                                                   | 2.1                                             | KSAF 80 H50 D63S4  |
| 0.72                                                     | 1240                                                    | 1930                  | 28400                                                   | 2.4                                             | KS 80 H50 D63S4    |
| 0.81                                                     | 1120                                                    | 1709                  | 28700                                                   | 2.7                                             | KSF 80 H50 D63S4   |
| 0.92                                                     | 980                                                     | 1493                  | 29000                                                   | 3.0                                             |                    |
| 1.1                                                      | 785                                                     | 1300                  | 29400                                                   | 3.8                                             |                    |
| 1.2                                                      | 710                                                     | 1148                  | 29500                                                   | 4.2                                             |                    |
| 0.53                                                     | 1750                                                    | 2613                  | 13800                                                   | 0.85                                            | KSA 70 H30 D63S4   |
| 0.60                                                     | 1520                                                    | 2284                  | 15600                                                   | 1.00                                            | KSAF 70 H30 D63S4  |
| 0.68                                                     | 1340                                                    | 2029                  | 16700                                                   | 1.10                                            | KS 70 H30 D63S4    |
| 0.80                                                     | 1130                                                    | 1728                  | 17800                                                   | 1.35                                            |                    |
| 0.89                                                     | 1040                                                    | 1544                  | 18200                                                   | 1.45                                            |                    |
| 1.0                                                      | 910                                                     | 1354                  | 18600                                                   | 1.65                                            | KSA 70 H30 D63S4   |
| 1.1                                                      | 810                                                     | 1200                  | 19000                                                   | 1.85                                            | KSAF 70 H30 D63S4  |
| 1.3                                                      | 710                                                     | 1053                  | 19200                                                   | 2.1                                             | KS 70 H30 D63S4    |
| 1.5                                                      | 605                                                     | 910                   | 19500                                                   | 2.5                                             | KSF 70 H30 D63S4   |
| 1.7                                                      | 510                                                     | 810                   | 19700                                                   | 2.9                                             |                    |
| 1.9                                                      | 445                                                     | 710                   | 19800                                                   | 3.4                                             |                    |
| 0.97                                                     | 920                                                     | 1429                  | 9270                                                    | 0.90                                            |                    |
| 1.1                                                      | 830                                                     | 1271                  | 10200                                                   | 1.00                                            |                    |
| 1.2                                                      | 700                                                     | 1102                  | 11300                                                   | 1.15                                            |                    |
| 1.4                                                      | 615                                                     | 970                   | 11800                                                   | 1.35                                            | KSA 60 H30 D63S4   |
| 1.6                                                      | 540                                                     | 858                   | 12200                                                   | 1.50                                            | KSAF 60 H30 D63S4  |
| 1.8                                                      | 475                                                     | 755                   | 12500                                                   | 1.75                                            | KS 60 H30 D63S4    |
| 2.2                                                      | 405                                                     | 641                   | 12800                                                   | 2.0                                             | KSF 60 H30 D63S4   |
| 2.4                                                      | 375                                                     | 572                   | 12900                                                   | 2.2                                             |                    |
| 2.7                                                      | 320                                                     | 509                   | 13000                                                   | 2.6                                             |                    |
| 3.2                                                      | 275                                                     | 437                   | 13000                                                   | 3.0                                             |                    |

| 输出<br>转速<br>Output<br>speed<br>n <sub>e</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model      |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|-------------------|
| 0.12kW                                                   |                                                         |                       |                                                         |                                                 |                   |
| 1.4                                                      | 655                                                     | 967                   | 5860                                                    | 0.90                                            |                   |
| 1.6                                                      | 585                                                     | 851                   | 9320                                                    | 1.05                                            |                   |
| 1.9                                                      | 500                                                     | 738                   | 9920                                                    | 1.20                                            | KSA 50 H30 D63S4  |
| 2.1                                                      | 435                                                     | 646                   | 10400                                                   | 1.40                                            | KSAF 50 H30 D63S4 |
| 2.5                                                      | 370                                                     | 558                   | 10700                                                   | 1.60                                            | KS 50 H30 D63S4   |
| 2.7                                                      | 330                                                     | 506                   | 11000                                                   | 1.80                                            | KSF 50 H30 D63S4  |
| 3.0                                                      | 285                                                     | 452                   | 11200                                                   | 2.1                                             |                   |
| 3.2                                                      | 295                                                     | 426                   | 11200                                                   | 2.0                                             | KSA 50 H30 D63S4  |
| 3.6                                                      | 260                                                     | 382                   | 11300                                                   | 2.3                                             | KSAF 50 H30 D63S4 |
| 4.2                                                      | 225                                                     | 330                   | 11500                                                   | 2.7                                             | KS 50 H30 D63S4   |
| 4.6                                                      | 200                                                     | 298                   | 11500                                                   | 3.0                                             | KSF 50 H30 D63S4  |
| 5.3                                                      | 177                                                     | 262                   | 11500                                                   | 3.4                                             |                   |
| 2.2                                                      | 425                                                     | 622                   | 3390                                                    | 0.95                                            | KSA 40 H10 D63S4  |
| 2.5                                                      | 370                                                     | 543                   | 6320                                                    | 1.10                                            | KSAF 40 H10 D63S4 |
| 2.9                                                      | 320                                                     | 475                   | 6890                                                    | 1.25                                            | KS 40 H10 D63S4   |
| 3.3                                                      | 280                                                     | 419                   | 7250                                                    | 1.45                                            | KSF 40 H10 D63S4  |
| 2.6                                                      | 365                                                     | 524                   | 6390                                                    | 1.10                                            |                   |
| 2.8                                                      | 340                                                     | 489                   | 6690                                                    | 1.20                                            | KSA 40 H10 D63S4  |
| 3.2                                                      | 290                                                     | 427                   | 7130                                                    | 1.35                                            | KSAF 40 H10 D63S4 |
| 3.6                                                      | 260                                                     | 381                   | 7400                                                    | 1.55                                            | KS 40 H10 D63S4   |
| 4.1                                                      | 225                                                     | 334                   | 7610                                                    | 1.75                                            | KSF 40 H10 D63S4  |
| 4.7                                                      | 198                                                     | 295                   | 7780                                                    | 2.0                                             |                   |
| 5.4                                                      | 166                                                     | 253                   | 7940                                                    | 2.4                                             |                   |
| 4.3                                                      | 210                                                     | 322                   | 4130                                                    | 0.95                                            | KSA 30 H10 D63S4  |
| 5.0                                                      | 184                                                     | 278                   | 4510                                                    | 1.10                                            | KSAF 30 H10 D63S4 |
| 5.7                                                      | 157                                                     | 242                   | 4810                                                    | 1.30                                            | KS 30 H10 D63S4   |
| 6.2                                                      | 149                                                     | 221                   | 4890                                                    | 1.35                                            | KSF 30 H10 D63S4  |
| 4.2                                                      | 225                                                     | 326                   | 3890                                                    | 0.90                                            |                   |
| 4.8                                                      | 195                                                     | 285                   | 4370                                                    | 1.05                                            | KSA 30 H10 D63S4  |
| 5.5                                                      | 170                                                     | 250                   | 4670                                                    | 1.20                                            | KSAF 30 H10 D63S4 |
| 6.3                                                      | 150                                                     | 219                   | 4880                                                    | 1.35                                            | KS 30 H10 D63S4   |
| 7.4                                                      | 127                                                     | 186                   | 5080                                                    | 1.60                                            | KSF 30 H10 D63S4  |
| 8.3                                                      | 114                                                     | 167                   | 5170                                                    | 1.75                                            |                   |
| 3.9                                                      | 290                                                     | 228.99                | 13000                                                   | 2.8                                             | KSA 60 D63M6      |
| 4.6                                                      | 250                                                     | 195.39                | 13000                                                   | 3.3                                             | KSAF 60 D63M6     |
| 5.3                                                      | 220                                                     | 170.85                | 13000                                                   | 3.8                                             | KS 60 D63M6       |
| 5.6                                                      | 205                                                     | 162.31                | 13000                                                   | 4.0                                             | KSF 60 D63M6      |
| 6.3                                                      | 181                                                     | 142.40                | 13000                                                   | 4.5                                             |                   |
| 4.5                                                      | 255                                                     | 199.70                | 11400                                                   | 2.4                                             | KSA 50 D63M6      |
| 4.9                                                      | 235                                                     | 183.60                | 11500                                                   | 2.6                                             | KSAF 50 D63M6     |
| 5.7                                                      | 200                                                     | 157.09                | 11500                                                   | 3.0                                             | KS 50 D63M6       |
| 6.6                                                      | 173                                                     | 136.16                | 11500                                                   | 3.5                                             | KSF 50 D63M6      |
| 7.1                                                      | 162                                                     | 127.27                | 11500                                                   | 3.7                                             |                   |
| 6.9                                                      | 166                                                     | 199.70                | 11500                                                   | 3.6                                             | KSA 50 D63S4      |
| 7.5                                                      | 153                                                     | 183.60                | 11500                                                   | 3.9                                             | KSAF 50 D63S4     |
| 8.8                                                      | 130                                                     | 157.09                | 11500                                                   | 4.6                                             | KS 50 D63S4       |
| 10                                                       | 113                                                     | 136.16                | 11500                                                   | 5.3                                             | KSF 50 D63S4      |
| 4.7                                                      | 245                                                     | 190.76                | 7510                                                    | 1.65                                            |                   |
| 5.1                                                      | 225                                                     | 175.38                | 7640                                                    | 1.80                                            |                   |
| 6.0                                                      | 191                                                     | 150.06                | 7820                                                    | 2.1                                             | KSA 40 D63M6      |
| 6.9                                                      | 166                                                     | 130.07                | 7940                                                    | 2.4                                             | KSAF 40 D63M6     |
| 7.4                                                      | 155                                                     | 121.57                | 7990                                                    | 2.6                                             | KS 40 D63M6       |
| 8.6                                                      | 134                                                     | 105.09                | 8070                                                    | 3.0                                             | KSF 40 D63M6      |
| 10                                                       | 114                                                     | 89.29                 | 8130                                                    | 3.5                                             |                   |
| 11                                                       | 102                                                     | 79.72                 | 8160                                                    | 3.9                                             |                   |
| 7.2                                                      | 158                                                     | 190.76                | 7970                                                    | 2.5                                             | KSA 40 D63S4      |
| 7.9                                                      | 146                                                     | 175.38                | 8020                                                    | 2.8                                             | KSAF 40 D63S4     |
| 9.2                                                      | 125                                                     | 150.06                | 8100                                                    | 3.2                                             | KS 40 D63S4       |
| 11                                                       | 108                                                     | 130.07                | 8150                                                    | 3.7                                             | KSF 40 D63S4      |
| 7.0                                                      | 164                                                     | 128.51                | 4740                                                    | 1.20                                            | KSA 30 D63M6      |
| 7.6                                                      | 150                                                     | 117.88                | 4880                                                    | 1.35                                            | KSAF 30 D63M6     |
| 9.0                                                      | 128                                                     | 100.36                | 5070                                                    | 1.55                                            | KS 30 D63M6       |
| 10                                                       | 110                                                     | 86.53                 | 5190                                                    | 1.80                                            | KSF 30 D63M6      |
| 11                                                       | 103                                                     | 80.65                 | 5240                                                    | 1.95                                            |                   |

| 输出<br>转速<br>Output<br>speed<br>n <sub>e</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model       |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------------|
| 0.12kW                                                   |                                                         |                       |                                                         |                                                 |                    |
| 11                                                       | 107                                                     | 128.51                | 5220                                                    | 1.85                                            |                    |
| 12                                                       | 98                                                      | 117.88                | 5270                                                    | 2.0                                             |                    |
| 14                                                       | 83                                                      | 100.36                | 5340                                                    | 2.4                                             |                    |
| 16                                                       | 72                                                      | 86.53                 | 5400                                                    | 2.8                                             |                    |
| 17                                                       | 67                                                      | 80.65                 | 5410                                                    | 3.0                                             |                    |
| 20                                                       | 59                                                      | 70.50                 | 5440                                                    | 3.4                                             |                    |
| 21                                                       | 55                                                      | 66.09                 | 5460                                                    | 3.6                                             | KSA 30 D63S4       |
| 24                                                       | 48                                                      | 58.32                 | 5470                                                    | 4.1                                             | KSAF 30 D63S4      |
| 25                                                       | 45                                                      | 54.54                 | 5480                                                    | 4.4                                             | KS 30 D63S4        |
| 27                                                       | 43                                                      | 51.70                 | 5490                                                    | 4.7                                             | KSF 30 D63S4       |
| 29                                                       | 39                                                      | 47.02                 | 5500                                                    | 5.1                                             |                    |
| 31                                                       | 36                                                      | 43.83                 | 5500                                                    | 5.5                                             |                    |
| 36                                                       | 32                                                      | 38.31                 | 5510                                                    | 6.3                                             |                    |
| 38                                                       | 30                                                      | 35.91                 | 5520                                                    | 6.7                                             |                    |
| 44                                                       | 26                                                      | 31.69                 | 5520                                                    | 7.6                                             |                    |
| 49                                                       | 23                                                      | 28.09                 | 5520                                                    | 8.6                                             |                    |
| 58                                                       | 20                                                      | 23.88                 | 5270                                                    | 10                                              |                    |
| 58                                                       | 20                                                      | 23.63                 | 5250                                                    | 10                                              |                    |
| 67                                                       | 17                                                      | 20.57                 | 5030                                                    | 12                                              |                    |
| 72                                                       | 16                                                      | 19.27                 | 4930                                                    | 13                                              |                    |
| 81                                                       | 14                                                      | 17.03                 | 4740                                                    | 14                                              |                    |
| 87                                                       | 13                                                      | 15.81                 | 4630                                                    | 15                                              |                    |
| 96                                                       | 12                                                      | 14.33                 | 4490                                                    | 17                                              |                    |
| 107                                                      | 11                                                      | 12.87                 | 4330                                                    | 19                                              | KSA 30 D63S4       |
| 125                                                      | 9.2                                                     | 11.08                 | 4130                                                    | 21                                              | KSAF 30 D63S4      |
| 132                                                      | 8.7                                                     | 10.42                 | 4050                                                    | 21                                              | KS 30 D63S4        |
| 154                                                      | 7.4                                                     | 8.97                  | 3860                                                    | 24                                              | KSF 30 D63S4       |
| 186                                                      | 6.2                                                     | 7.44                  | 3630                                                    | 23                                              |                    |
| 205                                                      | 5.6                                                     | 6.74                  | 3510                                                    | 25                                              |                    |
| 228                                                      | 5.0                                                     | 6.05                  | 3390                                                    | 27                                              |                    |
| 265                                                      | 4.3                                                     | 5.21                  | 3230                                                    | 29                                              |                    |
| 282                                                      | 4.1                                                     | 4.90                  | 3170                                                    | 29                                              |                    |
| 327                                                      | 3.5                                                     | 4.22                  | 3020                                                    | 31                                              |                    |
| 0.18kW                                                   |                                                         |                       |                                                         |                                                 |                    |
| 0.10                                                     | 13500                                                   | 12912                 | 87500                                                   | 0.90                                            |                    |
| 0.11                                                     | 12100                                                   | 11656                 | 90000                                                   | 1.00                                            | KSA 120 H70 D63M4  |
| 0.13                                                     | 10700                                                   | 10191                 | 90000                                                   | 1.10                                            | KSAF 120 H70 D63M4 |
| 0.15                                                     | 8980                                                    | 8831                  | 90000                                                   | 1.35                                            | KS 120 H70 D63M4   |
| 0.17                                                     | 7770                                                    | 7643                  | 90000                                                   | 1.55                                            | KSF 120 H70 D63M4  |
| 0.20                                                     | 7150                                                    | 6715                  | 90000                                                   | 1.70                                            |                    |
| 0.15                                                     | 8560                                                    | 8548                  | 47400                                                   | 0.90                                            |                    |
| 0.17                                                     | 8050                                                    | 7674                  | 48800                                                   | 0.95                                            | KSA 100 H70 D63M4  |
| 0.20                                                     | 7030                                                    | 6767                  | 51500                                                   | 1.10                                            | KSAF 100 H70 D63M4 |
| 0.22                                                     | 6090                                                    | 5954                  | 53800                                                   | 1.25                                            | KS 100 H70 D63M4   |
| 0.25                                                     | 5310                                                    | 5223                  | 55600                                                   | 1.45                                            | KSF 100 H70 D63M4  |
| 0.29                                                     | 4860                                                    | 4567                  | 56600                                                   | 1.60                                            |                    |
| 0.37                                                     | 3660                                                    | 3521                  | 59100                                                   | 2.1                                             |                    |
| 0.43                                                     | 3170                                                    | 3037                  | 60100                                                   | 2.4                                             | KSA 100 H70 D63M4  |
| 0.48                                                     | 2880                                                    | 2756                  | 60600                                                   | 2.7                                             | KSAF 100 H70 D63M4 |
| 0.56                                                     | 2470                                                    | 2369                  | 61400                                                   | 3.1                                             | KS 100 H70 D63M4   |
| 0.64                                                     | 2160                                                    | 2068                  | 61900                                                   | 3.6                                             | KSF 100 H70 D63M4  |
| 0.30                                                     | 4660                                                    | 4333                  | 27900                                                   | 0.90                                            | KSA 90 H50 D63M4   |
|                                                          |                                                         |                       |                                                         |                                                 | KSAF 90 H50 D63M4  |
|                                                          |                                                         |                       |                                                         |                                                 | KS 90 H50 D63M4    |
|                                                          |                                                         |                       |                                                         |                                                 | KSF 90 H50 D63M4   |
| 0.34                                                     | 4260                                                    | 3906                  | 30000                                                   | 1.00                                            |                    |
| 0.39                                                     | 3670                                                    | 3352                  | 31600                                                   | 1.15                                            |                    |
| 0.45                                                     | 3100                                                    | 2907                  | 33100                                                   | 1.40                                            |                    |
| 0.52                                                     | 2790                                                    | 2553                  | 33800                                                   | 1.55                                            | KSA 90 H50 D63M4   |
| 0.59                                                     | 2450                                                    | 2245                  | 34500                                                   | 1.75                                            | KSAF 90 H50 D63M4  |
| 0.67                                                     | 2130                                                    | 1970                  | 35200                                                   | 2.0                                             | KS 90 H50 D63M4    |
| 0.77                                                     | 1890                                                    | 1722                  | 35600                                                   | 2.3                                             | KSF 90 H50 D63M4   |
| 0.86                                                     | 1670                                                    | 1527                  | 36000                                                   | 2.6                                             |                    |
| 0.99                                                     | 1380                                                    | 1327                  | 36500                                                   | 3.1                                             |                    |
| 1.1                                                      | 1280                                                    | 1171                  | 36600                                                   | 3.3                                             |                    |

| 输出<br>转速<br>Output<br>speed<br>n <sub>e</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------|
| 0.18kW                                                   |                                                         |                       |                                                         |                                                 |              |
| 0.46                                                     | 3160                                                    | 2881                  | 12300                                                   | 0.95                                            |              |
| 0.51                                                     | 2820                                                    | 2576                  | 23600                                                   | 1.05                                            |              |
| 0.60                                                     | 2400                                                    | 2199                  | 25200                                                   | 1.25                                            |              |
| 0.68                                                     | 2080                                                    | 1930                  | 26200                                                   | 1.45                                            | KSA 80 H50 D |



| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model  |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|---------------|
| 0.18kW                                                   |                                                         |                       |                                                         |                                                 |               |
| 3.8                                                      | 450                                                     | 228.99                | 12600                                                   | 1.80                                            | KSA 60 D63L6  |
| 4.4                                                      | 385                                                     | 195.39                | 12900                                                   | 2.1                                             | KSAF 60 D63L6 |
| 5.1                                                      | 340                                                     | 170.85                | 13000                                                   | 2.4                                             | KS 60 D63L6   |
|                                                          |                                                         |                       |                                                         |                                                 | KSF 60 D63L6  |
| 5.8                                                      | 300                                                     | 228.99                | 13000                                                   | 2.8                                             | KSA 60 D63M4  |
| 6.8                                                      | 255                                                     | 195.39                | 13000                                                   | 3.2                                             | KSAF 60 D63M4 |
| 7.7                                                      | 225                                                     | 170.85                | 13000                                                   | 3.7                                             | KS 60 D63M4   |
|                                                          |                                                         |                       |                                                         |                                                 | KSF 60 D63M4  |
| 4.4                                                      | 395                                                     | 199.70                | 10600                                                   | 1.50                                            |               |
| 4.7                                                      | 365                                                     | 183.60                | 10800                                                   | 1.65                                            | KSA 50 D63L6  |
| 5.5                                                      | 310                                                     | 157.09                | 11100                                                   | 1.95                                            | KSAF 50 D63L6 |
| 6.4                                                      | 270                                                     | 136.16                | 11300                                                   | 2.2                                             | KS 50 D63L6   |
| 6.8                                                      | 250                                                     | 127.27                | 11400                                                   | 2.4                                             | KSF 50 D63L6  |
| 7.9                                                      | 215                                                     | 110.01                | 11500                                                   | 2.8                                             |               |
| 6.6                                                      | 260                                                     | 199.70                | 11300                                                   | 2.3                                             | KSA 50 D63M4  |
| 7.2                                                      | 240                                                     | 183.60                | 11500                                                   | 2.5                                             | KSAF 50 D63M4 |
| 8.4                                                      | 205                                                     | 157.09                | 11500                                                   | 2.9                                             | KS 50 D63M4   |
| 9.7                                                      | 177                                                     | 136.16                | 11500                                                   | 3.4                                             | KSF 50 D63M4  |
| 10                                                       | 166                                                     | 127.27                | 11500                                                   | 3.6                                             |               |
| 4.6                                                      | 375                                                     | 190.76                | 6240                                                    | 1.05                                            | KSA 40 D63L6  |
| 5.0                                                      | 345                                                     | 175.38                | 6600                                                    | 1.15                                            | KSAF 40 D63L6 |
| 5.8                                                      | 295                                                     | 150.06                | 7090                                                    | 1.35                                            | KS 40 D63L6   |
| 6.7                                                      | 255                                                     | 130.07                | 7410                                                    | 1.55                                            | KSF 40 D63L6  |
| 7.2                                                      | 240                                                     | 121.57                | 7530                                                    | 1.65                                            |               |
| 6.9                                                      | 250                                                     | 190.76                | 7470                                                    | 1.60                                            | KSA 40 D63M4  |
| 7.5                                                      | 230                                                     | 175.38                | 7610                                                    | 1.75                                            | KSAF 40 D63M4 |
| 8.8                                                      | 195                                                     | 150.06                | 7800                                                    | 2.0                                             | KS 40 D63M4   |
| 10                                                       | 169                                                     | 130.07                | 7920                                                    | 2.4                                             | KSF 40 D63M4  |
| 11                                                       | 158                                                     | 121.57                | 7970                                                    | 2.5                                             |               |
| 7.4                                                      | 235                                                     | 117.88                | 3750                                                    | 0.85                                            | KSA 30 D63L6  |
| 8.7                                                      | 198                                                     | 100.36                | 4320                                                    | 1.00                                            | KSAF 30 D63L6 |
| 10                                                       | 171                                                     | 86.53                 | 4660                                                    | 1.15                                            | KS 30 D63L6   |
| 11                                                       | 159                                                     | 80.65                 | 4790                                                    | 1.25                                            | KSF 30 D63L6  |
| 12                                                       | 139                                                     | 70.50                 | 4970                                                    | 1.45                                            |               |
| 10                                                       | 167                                                     | 128.51                | 4700                                                    | 1.20                                            |               |
| 11                                                       | 154                                                     | 117.88                | 4850                                                    | 1.30                                            |               |
| 13                                                       | 131                                                     | 100.36                | 5050                                                    | 1.55                                            |               |
| 15                                                       | 113                                                     | 86.53                 | 5180                                                    | 1.75                                            |               |
| 16                                                       | 105                                                     | 80.65                 | 5230                                                    | 1.90                                            |               |
| 19                                                       | 92                                                      | 70.50                 | 5300                                                    | 2.2                                             |               |
| 20                                                       | 86                                                      | 66.09                 | 5330                                                    | 2.3                                             | KSA 30 D63M4  |
| 23                                                       | 76                                                      | 58.32                 | 5380                                                    | 2.6                                             | KSAF 30 D63M4 |
| 24                                                       | 71                                                      | 54.54                 | 5400                                                    | 2.8                                             | KS 30 D63M4   |
| 26                                                       | 67                                                      | 51.70                 | 5410                                                    | 3.0                                             | KSF 30 D63M4  |
| 28                                                       | 61                                                      | 47.02                 | 5440                                                    | 3.3                                             |               |
| 30                                                       | 57                                                      | 43.83                 | 5450                                                    | 3.5                                             |               |
| 34                                                       | 50                                                      | 38.31                 | 5470                                                    | 4.0                                             |               |
| 37                                                       | 47                                                      | 35.91                 | 5480                                                    | 4.3                                             |               |
| 42                                                       | 41                                                      | 31.69                 | 5490                                                    | 4.8                                             |               |
| 47                                                       | 37                                                      | 28.09                 | 5500                                                    | 5.5                                             |               |
| 55                                                       | 31                                                      | 23.88                 | 5260                                                    | 6.4                                             |               |
| 56                                                       | 31                                                      | 23.63                 | 5240                                                    | 6.5                                             |               |
| 64                                                       | 27                                                      | 20.57                 | 5030                                                    | 7.5                                             |               |
| 69                                                       | 25                                                      | 19.27                 | 4930                                                    | 8.0                                             |               |
| 78                                                       | 22                                                      | 17.03                 | 4740                                                    | 9.0                                             |               |
| 83                                                       | 21                                                      | 15.81                 | 4640                                                    | 9.7                                             |               |
| 92                                                       | 19                                                      | 14.33                 | 4500                                                    | 11                                              |               |
| 103                                                      | 17                                                      | 12.87                 | 4350                                                    | 12                                              | KSA 30 D63M4  |
| 119                                                      | 14                                                      | 11.08                 | 4150                                                    | 13                                              | KSAF 30 D63M4 |
| 127                                                      | 14                                                      | 10.42                 | 4070                                                    | 14                                              | KS 30 D63M4   |
| 147                                                      | 12                                                      | 8.97                  | 3880                                                    | 15                                              | KSF 30 D63M4  |
| 178                                                      | 9.7                                                     | 7.44                  | 3650                                                    | 15                                              |               |
| 196                                                      | 8.8                                                     | 6.74                  | 3540                                                    | 16                                              |               |
| 218                                                      | 7.9                                                     | 6.05                  | 3420                                                    | 17                                              |               |
| 253                                                      | 6.8                                                     | 5.21                  | 3260                                                    | 18                                              |               |
| 269                                                      | 6.4                                                     | 4.90                  | 3190                                                    | 19                                              |               |
| 313                                                      | 5.5                                                     | 4.22                  | 3040                                                    | 20                                              |               |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model       |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------------|
| 0.25kW                                                   |                                                         |                       |                                                         |                                                 |                    |
| 0.15                                                     | 13300                                                   | 8831                  | 88000                                                   | 0.90                                            |                    |
| 0.17                                                     | 11500                                                   | 7643                  | 90000                                                   | 1.05                                            | KSA 120 H70 D71C4  |
| 0.19                                                     | 10400                                                   | 6715                  | 90000                                                   | 1.15                                            | KSAF 120 H70 D71C4 |
| 0.22                                                     | 9190                                                    | 5925                  | 90000                                                   | 1.30                                            | KS 120 H70 D71C4   |
| 0.25                                                     | 7860                                                    | 5153                  | 90000                                                   | 1.55                                            | KSF 120 H70 D71C4  |
| 0.29                                                     | 6850                                                    | 4533                  | 90000                                                   | 1.75                                            |                    |
| 0.22                                                     | 9000                                                    | 5954                  | 46200                                                   | 0.85                                            | KSA 100 H70 D71C4  |
| 0.25                                                     | 7860                                                    | 5223                  | 49300                                                   | 1.00                                            | KSAF 100 H70 D71C4 |
| 0.28                                                     | 7090                                                    | 4567                  | 51400                                                   | 1.10                                            | KS 100 H70 D71C4   |
| 0.37                                                     | 5370                                                    | 3521                  | 55500                                                   | 1.45                                            | KSF 100 H70 D71C4  |
| 0.43                                                     | 4680                                                    | 3037                  | 57000                                                   | 1.65                                            |                    |
| 0.47                                                     | 4240                                                    | 2756                  | 57900                                                   | 1.80                                            | KSA 100 H70 D71C4  |
| 0.55                                                     | 3650                                                    | 2369                  | 59100                                                   | 2.1                                             | KSAF 100 H70 D71C4 |
| 0.63                                                     | 3180                                                    | 2068                  | 60000                                                   | 2.4                                             | KS 100 H70 D71C4   |
| 0.81                                                     | 2440                                                    | 1597                  | 61400                                                   | 3.2                                             | KSF 100 H70 D71C4  |
| 0.93                                                     | 2110                                                    | 1401                  | 62000                                                   | 3.6                                             |                    |
| 0.45                                                     | 4530                                                    | 2907                  | 29200                                                   | 0.95                                            |                    |
| 0.51                                                     | 4050                                                    | 2553                  | 30600                                                   | 1.05                                            |                    |
| 0.58                                                     | 3560                                                    | 2245                  | 31900                                                   | 1.20                                            |                    |
| 0.66                                                     | 3100                                                    | 1970                  | 33100                                                   | 1.40                                            | KSA 90 H50 D71C4   |
| 0.75                                                     | 2740                                                    | 1722                  | 33900                                                   | 1.55                                            | KSAF 90 H50 D71C4  |
| 0.85                                                     | 2430                                                    | 1527                  | 34600                                                   | 1.75                                            | KS 90 H50 D71C4    |
| 0.98                                                     | 2040                                                    | 1327                  | 35300                                                   | 2.1                                             | KSF 90 H50 D71C4   |
| 1.1                                                      | 1860                                                    | 1171                  | 35600                                                   | 2.3                                             |                    |
| 1.3                                                      | 1630                                                    | 1022                  | 36100                                                   | 2.6                                             |                    |
| 0.67                                                     | 3040                                                    | 1930                  | 18200                                                   | 1.00                                            |                    |
| 0.76                                                     | 2710                                                    | 1709                  | 24000                                                   | 1.10                                            |                    |
| 0.87                                                     | 2380                                                    | 1493                  | 25200                                                   | 1.25                                            |                    |
| 1.0                                                      | 1990                                                    | 1300                  | 26500                                                   | 1.50                                            | KSA 80 H50 D71C4   |
| 1.1                                                      | 1780                                                    | 1148                  | 27100                                                   | 1.70                                            | KSAF 80 H50 D71C4  |
| 1.3                                                      | 1550                                                    | 1010                  | 27700                                                   | 1.95                                            | KS 80 H50 D71C4    |
| 1.5                                                      | 1370                                                    | 887                   | 28100                                                   | 2.2                                             | KSF 80 H50 D71C4   |
| 1.7                                                      | 1200                                                    | 780                   | 28500                                                   | 2.5                                             |                    |
| 1.9                                                      | 1020                                                    | 674                   | 28900                                                   | 2.9                                             |                    |
| 1.2                                                      | 1690                                                    | 1053                  | 14300                                                   | 0.90                                            |                    |
| 1.4                                                      | 1450                                                    | 910                   | 16000                                                   | 1.05                                            |                    |
| 1.6                                                      | 1260                                                    | 810                   | 17100                                                   | 1.20                                            | KSA 70 H30 D71C4   |
| 1.8                                                      | 1110                                                    | 710                   | 17900                                                   | 1.35                                            | KSAF 70 H30 D71C4  |
| 2.1                                                      | 970                                                     | 615                   | 18400                                                   | 1.55                                            | KS 70 H30 D71C4    |
| 2.4                                                      | 850                                                     | 538                   | 18800                                                   | 1.75                                            | KSF 70 H30 D71C4   |
| 2.7                                                      | 760                                                     | 480                   | 19100                                                   | 2.0                                             |                    |
| 3.2                                                      | 645                                                     | 413                   | 19400                                                   | 2.3                                             |                    |
| 2.0                                                      | 1000                                                    | 641                   | 2370                                                    | 0.80                                            | KSA 60 H30 D71C4   |
| 2.3                                                      | 910                                                     | 572                   | 9440                                                    | 0.90                                            | KSAF 60 H30 D71C4  |
| 2.6                                                      | 795                                                     | 509                   | 10500                                                   | 1.05                                            | KS 60 H30 D71C4    |
| 3.0                                                      | 685                                                     | 437                   | 11400                                                   | 1.20                                            | KSF 60 H30 D71C4   |
| 2.6                                                      | 810                                                     | 500                   | 10400                                                   | 1.00                                            |                    |
| 2.9                                                      | 740                                                     | 454                   | 11000                                                   | 1.10                                            |                    |
| 3.3                                                      | 635                                                     | 392                   | 11700                                                   | 1.30                                            | KSA 30 H30 D71C4   |
| 3.9                                                      | 535                                                     | 333                   | 12200                                                   | 1.55                                            | KSAF 30 H30 D71C4  |
| 4.4                                                      | 475                                                     | 297                   | 12500                                                   | 1.70                                            | KS 30 H30 D71C4    |
| 5.0                                                      | 420                                                     | 261                   | 12700                                                   | 1.95                                            | KSF 30 H30 D71C4   |
| 5.5                                                      | 375                                                     | 238                   | 12900                                                   | 2.2                                             |                    |
| 3.4                                                      | 605                                                     | 386                   | 9170                                                    | 1.00                                            | KSA 50 H30 D71C4   |
| 3.8                                                      | 525                                                     | 338                   | 9740                                                    | 1.15                                            | KSAF 50 H30 D71C4  |
| 5.1                                                      | 400                                                     | 255                   | 10600                                                   | 1.50                                            | KS 50 H30 D71C4    |
|                                                          |                                                         |                       |                                                         |                                                 | KSF 50 H30 D71C4   |
| 3.4                                                      | 625                                                     | 382                   | 8710                                                    | 0.95                                            |                    |
| 3.9                                                      | 535                                                     | 330                   | 9680                                                    | 1.10                                            | KSA 50 H30 D71C4   |
| 4.4                                                      | 485                                                     | 298                   | 10000                                                   | 1.25                                            | KSAF 50 H30 D71C4  |
| 5.0                                                      | 425                                                     | 262                   | 10400                                                   | 1.40                                            | KS 50 H30 D71C4    |
| 5.8                                                      | 360                                                     | 226                   | 10800                                                   | 1.65                                            | KSF 50 H30 D71C4   |
| 6.5                                                      | 320                                                     | 200                   | 11000                                                   | 1.90                                            |                    |
| 7.7                                                      | 270                                                     | 170                   | 11300                                                   | 2.2                                             |                    |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model      |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|-------------------|
| 0.25kW                                                   |                                                         |                       |                                                         |                                                 |                   |
| 5.2                                                      | 395                                                     | 249                   | 6020                                                    | 1.00                                            | KSA 40 H10 D71C4  |
| 6.0                                                      | 350                                                     | 218                   | 6580                                                    | 1.15                                            | KSAF 40 H10 D71C4 |
| 6.7                                                      | 305                                                     | 193                   | 7000                                                    | 1.30                                            | KS 40 H10 D71C4   |
| 7.4                                                      | 280                                                     | 175                   | 7250                                                    | 1.45                                            | KSF 40 H10 D71C4  |
| 5.1                                                      | 405                                                     | 253                   | 5850                                                    | 1.00                                            |                   |
| 6.0                                                      | 355                                                     | 217                   | 6490                                                    | 1.10                                            | KSA 40 H10 D71C4  |
| 6.8                                                      | 310                                                     | 190                   | 6970                                                    | 1.30                                            | KSAF 40 H10 D71C4 |
| 7.3                                                      | 290                                                     | 178                   | 7150                                                    | 1.40                                            | KS 40 H10 D71C4   |
| 8.7                                                      | 240                                                     | 149                   | 7520                                                    | 1.65                                            | KSF 40 H10 D71C4  |
| 9.9                                                      | 210                                                     | 131                   | 7710                                                    | 1.90                                            |                   |
| 8.9                                                      | 240                                                     | 145                   | 3640                                                    | 0.85                                            | KSA 30 H10 D71C4  |
| 10                                                       | 210                                                     | 129                   | 4130                                                    | 0.95                                            | KSAF 30 H10 D71C4 |
| 11                                                       | 193                                                     | 118                   | 4390                                                    | 1.05                                            | KS 30 H10 D71C4   |
| 13                                                       | 160                                                     | 98                    | 4780                                                    | 1.25                                            | KSF 30 H10 D71C4  |
| 15                                                       | 140                                                     | 87                    | 4970                                                    | 1.45                                            |                   |
| 3.1                                                      | 765                                                     | 281.71                | 19100                                                   | 1.95                                            | KSA 70 D71D6      |
| 3.3                                                      | 715                                                     | 262.93                | 19200                                                   | 2.1                                             | KSAF 70 D71D6     |
| 3.9                                                      | 615                                                     | 225.79                | 19500                                                   | 2.5                                             | KS 70 D71D6       |
| 4.4                                                      | 540                                                     | 198.31                | 19600                                                   | 2.8                                             | KSF 70 D71D6      |
| 4.7                                                      | 510                                                     | 188.40                | 19700                                                   | 2.9                                             |                   |
| 3.8                                                      | 620                                                     | 228.99                | 11800                                                   | 1.30                                            | KSA 60 D71D6      |
| 4.5                                                      | 530                                                     | 195.39                | 12300                                                   | 1.55                                            | KSAF 60 D71D6     |
| 5.2                                                      | 465                                                     | 170.85                | 12600                                                   | 1.75                                            | KS 60 D71D6       |
| 5.4                                                      | 440                                                     | 162.31                | 12700                                                   | 1.85                                            | KSF 60 D71D6      |
| 6.2                                                      | 385                                                     | 142.40                | 12900                                                   | 2.1                                             |                   |
| 5.7                                                      | 420                                                     | 228.99                | 12700                                                   | 1.95                                            | KSA 60 D71C4      |
| 6.7                                                      | 360                                                     | 195.39                | 13000                                                   | 2.3                                             | KSAF 60 D71C4     |
| 7.6                                                      | 315                                                     | 170.85                | 13000                                                   | 2.6                                             | KS 60 D71C4       |
| 8.0                                                      | 300                                                     | 162.31                | 13000                                                   | 2.8                                             | KSF 60 D71C4      |
| 9.1                                                      | 260                                                     | 142.40                | 13000                                                   | 3.1                                             |                   |
| 4.4                                                      | 540                                                     | 199.70                | 9630                                                    | 1.10                                            |                   |
| 4.8                                                      | 500                                                     | 183.60                | 9940                                                    | 1.20                                            | KSA 50 D71D6      |
| 5.6                                                      | 425                                                     | 157.09                | 10400                                                   | 1.40                                            | KSAF 50 D71D6     |
| 6.5                                                      | 370                                                     | 136.16                | 10800                                                   | 1.60                                            | KS 50 D71D6       |
| 6.9                                                      | 345                                                     | 127.27                | 10900                                                   | 1.75                                            | KSF 50 D71D6      |
| 8.0                                                      | 300                                                     | 110.01                | 11100                                                   | 2.0                                             |                   |
| 6.5                                                      | 365                                                     | 199.70                | 10800                                                   | 1.65                                            |                   |
| 7.1                                                      | 335                                                     | 183.60                | 10900                                                   | 1.80                                            | KSA 50 D71C4      |
| 8.3                                                      | 290                                                     | 157.09                | 11200                                                   | 2.1                                             | KSAF 50 D71C4     |
| 9.6                                                      | 250                                                     | 136.16                | 11400                                                   | 2.4                                             | KS 50 D71C4       |
| 10                                                       | 235                                                     | 127.27                | 11500                                                   | 2.6                                             | KSF 50 D71C4      |
| 12                                                       | 200                                                     | 110.01                | 11500                                                   | 3.0                                             |                   |
| 5.9                                                      | 405                                                     | 150.06                | 5750                                                    | 1.00                                            | KSA 40 D71D6      |
| 6.8                                                      | 355                                                     | 130.07                | 6530                                                    | 1.15                                            | KSAF 40 D71D6     |
| 7.2                                                      | 330                                                     | 121.57                | 6770                                                    | 1.20                                            | KS 40 D71D6       |
| 8.4                                                      | 285                                                     | 105.09                | 7190                                                    | 1.40                                            | KSF 40 D71D6      |
| 6.8                                                      | 350                                                     | 190.76                | 6550                                                    | 1.15                                            |                   |
| 7.4                                                      | 320                                                     | 175.38                | 6850                                                    | 1.25                                            | KSA 40 D71C4      |
| 8.7                                                      | 275                                                     | 150.06                | 7270                                                    | 1.45                                            | KSAF 40 D71C4     |
| 10                                                       | 240                                                     | 130.07                | 7540                                                    | 1.65                                            | KS 40 D71C4       |
| 11                                                       | 225                                                     | 121.57                | 7640                                                    | 1.80                                            | KSF 40 D71C4      |
| 12                                                       | 193                                                     | 105.09                | 7810                                                    | 2.1                                             |                   |
| 15                                                       | 164                                                     | 89.29                 | 7950                                                    | 2.4                                             |                   |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model |         |       |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------|---------|-------|
| 0.25kW                                                   |                                                         |                       |                                                         |                                                 |              |         |       |
| 10                                                       | 235                                                     | 128.51                | 3690                                                    | 0.85                                            |              |         |       |
| 11                                                       | 215                                                     | 117.88                | 4040                                                    | 0.90                                            |              |         |       |
| 13                                                       | 184                                                     | 100.36                | 4500                                                    | 1.10                                            |              |         |       |
| 15                                                       | 159                                                     | 86.53                 | 4790                                                    | 1.25                                            |              |         |       |
| 16                                                       | 148                                                     | 80.65                 | 4900                                                    | 1.35                                            |              |         |       |
| 18                                                       | 130                                                     | 70.50                 | 5060                                                    | 1.55                                            |              |         |       |
| 20                                                       | 121                                                     | 66.09                 | 5120                                                    | 1.65                                            | KSA          | 30      | D71C4 |
| 22                                                       | 107                                                     | 58.32                 | 5210                                                    | 1.85                                            | KSAF         | 30      | D71C4 |
| 24                                                       | 100                                                     | 54.54                 | 5260                                                    | 2.0                                             | KS           | 30      | D71C4 |
| 25                                                       | 95                                                      | 51.70                 | 5280                                                    | 2.1                                             | KSF          | 30      | D71C4 |
| 28                                                       | 86                                                      | 47.02                 | 5330                                                    | 2.3                                             |              |         |       |
| 30                                                       | 81                                                      | 43.83                 | 5360                                                    | 2.5                                             |              |         |       |
| 34                                                       | 70                                                      | 38.31                 | 5400                                                    | 2.8                                             |              |         |       |
| 36                                                       | 66                                                      | 35.91                 | 5420                                                    | 3.0                                             |              |         |       |
| 41                                                       | 58                                                      | 31.69                 | 5450                                                    | 3.4                                             |              |         |       |
| 46                                                       | 52                                                      | 28.09                 | 5430                                                    | 3.9                                             |              |         |       |
| 54                                                       | 44                                                      | 23.88                 | 5180                                                    | 4.6                                             |              |         |       |
|                                                          |                                                         |                       |                                                         |                                                 |              |         |       |
| 55                                                       | 43                                                      | 23.63                 | 5170                                                    | 4.6                                             |              |         |       |
| 63                                                       | 38                                                      | 20.57                 | 4960                                                    | 5.3                                             |              |         |       |
| 67                                                       | 35                                                      | 19.27                 | 4870                                                    | 5.7                                             |              |         |       |
| 76                                                       | 31                                                      | 17.03                 | 4690                                                    | 6.4                                             |              |         |       |
| 82                                                       | 29                                                      | 15.81                 | 4590                                                    | 6.9                                             |              |         |       |
| 91                                                       | 26                                                      | 14.33                 | 4460                                                    | 7.6                                             | KSA          | 30      | D71C4 |
| 101                                                      | 24                                                      | 12.87                 | 4320                                                    | 8.5                                             | KSAF         | 30      | D71C4 |
| 117                                                      | 20                                                      | 11.08                 | 4120                                                    | 9.3                                             | KS           | 30      | D71C4 |
| 125                                                      | 19                                                      | 10.42                 | 4050                                                    | 9.7                                             | KSF          | 30      | D71C4 |
| 145                                                      | 17                                                      | 8.97                  | 3860                                                    | 11                                              |              |         |       |
| 175                                                      | 14                                                      | 7.44                  | 3630                                                    | 11                                              |              |         |       |
| 193                                                      | 12                                                      | 6.74                  | 3520                                                    | 11                                              |              |         |       |
| 215                                                      | 11                                                      | 6.05                  | 3410                                                    | 12                                              |              |         |       |
| 249                                                      | 9.6                                                     | 5.21                  | 3250                                                    | 13                                              |              |         |       |
| 265                                                      | 9.0                                                     | 4.90                  | 3190                                                    | 13                                              |              |         |       |
| 308                                                      | 7.7                                                     | 4.22                  | 3040                                                    | 14                                              |              |         |       |
| 0.37kW                                                   |                                                         |                       |                                                         |                                                 |              |         |       |
| 0.21                                                     | 14900                                                   | 6715                  | 84800                                                   | 0.80                                            |              |         |       |
| 0.23                                                     | 13100                                                   | 5925                  | 88300                                                   | 0.90                                            | KSA          | 120 H70 | D71D4 |
| 0.27                                                     | 11300                                                   | 5153                  | 90000                                                   | 1.05                                            | KSAF         | 120 H70 | D71D4 |
| 0.30                                                     | 9850                                                    | 4533                  | 90000                                                   | 1.20                                            | KS           | 120 H70 | D71D4 |
| 0.35                                                     | 8590                                                    | 3926                  | 90000                                                   | 1.40                                            | KSF          | 120 H70 | D71D4 |
| 0.40                                                     | 7510                                                    | 3454                  | 90000                                                   | 1.60                                            |              |         |       |
| 0.46                                                     | 6570                                                    | 3031                  | 90000                                                   | 1.85                                            |              |         |       |
|                                                          |                                                         |                       |                                                         |                                                 |              |         |       |
| 0.45                                                     | 6720                                                    | 3037                  | 52300                                                   | 1.15                                            | KSA          | 100 H70 | D71D4 |
| 0.50                                                     | 6090                                                    | 2756                  | 53800                                                   | 1.25                                            | KSAF         | 100 H70 | D71D4 |
| 0.58                                                     | 5240                                                    | 2369                  | 55800                                                   | 1.45                                            | KS           | 100 H70 | D71D4 |
| 0.67                                                     | 4570                                                    | 2068                  | 57200                                                   | 1.70                                            | KSF          | 100 H70 | D71D4 |
| 0.86                                                     | 3510                                                    | 1597                  | 59400                                                   | 2.2                                             |              |         |       |
|                                                          |                                                         |                       |                                                         |                                                 |              |         |       |
| 0.61                                                     | 5070                                                    | 2245                  | 25160                                                   | 0.85                                            |              |         |       |
| 0.70                                                     | 4430                                                    | 1970                  | 29500                                                   | 0.95                                            |              |         |       |
| 0.80                                                     | 3900                                                    | 1722                  | 31000                                                   | 1.10                                            | KSA          | 90 H50  | D71D4 |
| 0.90                                                     | 3460                                                    | 1527                  | 32200                                                   | 1.25                                            | KSAF         | 90 H50  | D71D4 |
| 1.0                                                      | 2930                                                    | 1327                  | 33500                                                   | 1.45                                            | KS           | 90 H50  | D71D4 |
| 1.2                                                      | 2650                                                    | 1171                  | 34100                                                   | 1.60                                            | KSF          | 90 H50  | D71D4 |
| 1.4                                                      | 2310                                                    | 1022                  | 34800                                                   | 1.85                                            |              |         |       |
| 1.5                                                      | 1960                                                    | 898                   | 35500                                                   | 2.2                                             |              |         |       |
|                                                          |                                                         |                       |                                                         |                                                 |              |         |       |
| 1.1                                                      | 2870                                                    | 1300                  | 23400                                                   | 1.05                                            |              |         |       |
| 1.2                                                      | 2550                                                    | 1148                  | 24600                                                   | 1.20                                            |              |         |       |
| 1.4                                                      | 2230                                                    | 1010                  | 25700                                                   | 1.35                                            | KSA          | 80 H50  | D71D4 |
| 1.6                                                      | 1970                                                    | 887                   | 26500                                                   | 1.50                                            | KSAF         | 80 H50  | D71D4 |
| 1.8                                                      | 1720                                                    | 780                   | 27200                                                   | 1.75                                            | KS           | 80 H50  | D71D4 |
| 2.0                                                      | 1470                                                    | 674                   | 27900                                                   | 2.0                                             | KSF          | 80 H50  | D71D4 |
| 2.3                                                      | 1340                                                    | 609                   | 28200                                                   | 2.2                                             |              |         |       |
| 2.7                                                      | 1130                                                    | 515                   | 28700                                                   | 2.7                                             |              |         |       |
| 3.0                                                      | 1000                                                    | 452                   | 29000                                                   | 3.0                                             |              |         |       |



| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model  |       |        |       |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|---------------|-------|--------|-------|
| 0.37kW                                                   |                                                         |                       |                                                         |                                                 |               |       |        |       |
| 1.7                                                      | 1810                                                    | 810                   | 13300                                                   | 0.85                                            | KSA<br>70 H30 | D71D4 |        |       |
| 1.9                                                      | 1590                                                    | 710                   | 15100                                                   | 0.95                                            |               |       |        |       |
| 2.2                                                      | 1390                                                    | 615                   | 16400                                                   | 1.10                                            |               |       |        |       |
| 2.6                                                      | 1210                                                    | 538                   | 17400                                                   | 1.25                                            |               |       |        |       |
| 2.9                                                      | 1080                                                    | 480                   | 18000                                                   | 1.40                                            |               |       |        |       |
| 3.3                                                      | 920                                                     | 413                   | 18600                                                   | 1.65                                            |               |       |        |       |
| 3.8                                                      | 830                                                     | 367                   | 18900                                                   | 1.80                                            |               |       |        |       |
| 4.3                                                      | 730                                                     | 323                   | 19200                                                   | 2.0                                             |               |       |        |       |
|                                                          |                                                         |                       |                                                         |                                                 |               |       |        |       |
| 3.2                                                      | 980                                                     | 437                   | 5750                                                    | 0.85                                            | KSA<br>60 H30 | D71D4 |        |       |
| 3.6                                                      | 870                                                     | 384                   | 9880                                                    | 0.95                                            |               |       |        |       |
| 4.1                                                      | 770                                                     | 338                   | 10800                                                   | 1.05                                            |               |       |        |       |
| 4.5                                                      | 685                                                     | 305                   | 11400                                                   | 1.20                                            |               |       |        |       |
| 5.4                                                      | 575                                                     | 257                   | 12000                                                   | 1.40                                            |               |       |        |       |
| 6.0                                                      | 510                                                     | 231                   | 12400                                                   | 1.60                                            |               |       |        |       |
|                                                          |                                                         |                       |                                                         |                                                 |               |       |        |       |
| 5.4                                                      | 570                                                     | 255                   | 9420                                                    | 1.05                                            | KSA<br>50 H30 | D71D4 |        |       |
| 6.9                                                      | 445                                                     | 201                   | 10300                                                   | 1.35                                            |               |       |        |       |
| 7.6                                                      | 405                                                     | 181                   | 10500                                                   | 1.50                                            |               |       |        |       |
|                                                          |                                                         |                       |                                                         | KSF                                             |               |       | 50 H30 | D71D4 |
|                                                          |                                                         |                       |                                                         |                                                 |               |       |        |       |
| 5.3                                                      | 605                                                     | 262                   | 9170                                                    | 1.00                                            | KSA<br>50 H30 | D71D4 |        |       |
| 6.1                                                      | 515                                                     | 226                   | 9810                                                    | 1.15                                            |               |       |        |       |
| 6.9                                                      | 455                                                     | 200                   | 10200                                                   | 1.30                                            |               |       |        |       |
| 8.1                                                      | 385                                                     | 170                   | 10700                                                   | 1.55                                            |               |       |        |       |
| 9.1                                                      | 345                                                     | 152                   | 10900                                                   | 1.75                                            |               |       |        |       |
| 10                                                       | 300                                                     | 134                   | 11100                                                   | 2.0                                             |               |       |        |       |
|                                                          |                                                         |                       |                                                         |                                                 |               |       |        |       |
| 7.9                                                      | 395                                                     | 175                   | 5990                                                    | 1.00                                            | KSA<br>40 H10 | D71D4 |        |       |
| 9.4                                                      | 335                                                     | 147                   | 6740                                                    | 1.20                                            |               |       |        |       |
| 11                                                       | 295                                                     | 130                   | 7110                                                    | 1.35                                            |               |       |        |       |
|                                                          |                                                         |                       |                                                         | KSF                                             |               |       | 40 H10 | D71D4 |
|                                                          |                                                         |                       |                                                         |                                                 |               |       |        |       |
| 2.5                                                      | 1410                                                    | 270.68                | 28100                                                   | 2.1                                             | KSA<br>80     | D90S8 |        |       |
| 2.7                                                      | 1330                                                    | 255.37                | 28200                                                   | 2.3                                             |               |       |        |       |
| 3.0                                                      | 1190                                                    | 228.93                | 28600                                                   | 2.5                                             |               |       |        |       |
| 3.5                                                      | 1020                                                    | 197.20                | 28900                                                   | 2.9                                             |               |       |        |       |
|                                                          |                                                         |                       |                                                         |                                                 |               |       |        |       |
| 3.3                                                      | 1060                                                    | 270.68                | 28800                                                   | 2.8                                             | KSA<br>80     | D80K6 |        |       |
| 3.5                                                      | 1000                                                    | 255.37                | 29000                                                   | 3.0                                             |               |       |        |       |
| 3.9                                                      | 900                                                     | 228.93                | 29200                                                   | 3.3                                             |               |       |        |       |
|                                                          |                                                         |                       |                                                         | KSF                                             |               |       | 80     | D80K6 |
|                                                          |                                                         |                       |                                                         |                                                 |               |       |        |       |
| 4.0                                                      | 890                                                     | 225.79                | 18700                                                   | 1.70                                            | KSA<br>70     | D80K6 |        |       |
| 4.5                                                      | 780                                                     | 198.31                | 19100                                                   | 1.95                                            |               |       |        |       |
| 4.8                                                      | 740                                                     | 188.40                | 19200                                                   | 2.0                                             |               |       |        |       |
| 5.4                                                      | 655                                                     | 166.47                | 19400                                                   | 2.3                                             |               |       |        |       |
| 6.3                                                      | 560                                                     | 142.27                | 19600                                                   | 2.7                                             | KSF           | 70    | D80K6  |       |
|                                                          |                                                         |                       |                                                         |                                                 |               |       |        |       |
| 4.9                                                      | 720                                                     | 281.71                | 19200                                                   | 2.1                                             | KSA<br>70     | D71D4 |        |       |
| 5.2                                                      | 675                                                     | 262.93                | 19300                                                   | 2.2                                             |               |       |        |       |
| 6.1                                                      | 580                                                     | 225.79                | 19500                                                   | 2.6                                             |               |       |        |       |
| 7.0                                                      | 510                                                     | 198.31                | 19700                                                   | 3.0                                             |               |       |        |       |
|                                                          |                                                         |                       |                                                         | KSF                                             |               |       | 70     | D71D4 |
|                                                          |                                                         |                       |                                                         |                                                 |               |       |        |       |
| 4.6                                                      | 765                                                     | 195.39                | 10800                                                   | 1.05                                            | KSA<br>60     | D80K6 |        |       |
| 5.3                                                      | 670                                                     | 170.85                | 11500                                                   | 1.20                                            |               |       |        |       |
| 5.6                                                      | 635                                                     | 162.31                | 11700                                                   | 1.30                                            |               |       |        |       |
| 6.3                                                      | 560                                                     | 142.40                | 12100                                                   | 1.45                                            |               |       |        |       |
| 7.4                                                      | 475                                                     | 120.79                | 12500                                                   | 1.75                                            |               |       |        |       |
|                                                          |                                                         |                       |                                                         | KSF                                             |               |       | 60     | D80K6 |
|                                                          |                                                         |                       |                                                         |                                                 |               |       |        |       |
| 6.0                                                      | 585                                                     | 228.99                | 12000                                                   | 1.40                                            | KSA<br>60     | D71D4 |        |       |
| 7.1                                                      | 500                                                     | 195.39                | 12400                                                   | 1.65                                            |               |       |        |       |
| 8.1                                                      | 435                                                     | 170.85                | 12700                                                   | 1.85                                            |               |       |        |       |
| 8.5                                                      | 415                                                     | 162.31                | 12800                                                   | 1.95                                            |               |       |        |       |
| 9.7                                                      | 365                                                     | 142.40                | 12900                                                   | 2.2                                             |               |       |        |       |
| 11                                                       | 310                                                     | 120.79                | 13000                                                   | 2.7                                             |               |       |        |       |
|                                                          |                                                         |                       |                                                         | KSF                                             |               |       | 60     | D71D4 |
|                                                          |                                                         |                       |                                                         |                                                 |               |       |        |       |
| 5.7                                                      | 615                                                     | 157.09                | 9070                                                    | 0.95                                            | KSA<br>50     | D80K6 |        |       |
| 6.6                                                      | 535                                                     | 136.16                | 9680                                                    | 1.10                                            |               |       |        |       |
| 7.1                                                      | 500                                                     | 127.27                | 9930                                                    | 1.20                                            |               |       |        |       |
| 8.2                                                      | 430                                                     | 110.01                | 10400                                                   | 1.40                                            |               |       |        |       |
|                                                          |                                                         |                       |                                                         | KSF                                             |               |       | 50     | D80K6 |
|                                                          |                                                         |                       |                                                         | KSF                                             |               |       | 50     | D80K6 |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model             |                                          |                                  |                          |                      |                                  |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------------------|------------------------------------------|----------------------------------|--------------------------|----------------------|----------------------------------|
| 0.37kW                                                   |                                                         |                       |                                                         |                                                 |                          |                                          |                                  |                          |                      |                                  |
| 6.9                                                      | 510                                                     | 199.70                | 9850                                                    | 1.15                                            | KSA<br>KSAF<br>KS<br>KSF | 50<br>50<br>50<br>50                     | D71D4<br>D71D4<br>D71D4<br>D71D4 |                          |                      |                                  |
| 7.5                                                      | 470                                                     | 183.60                | 10100                                                   | 1.30                                            |                          |                                          |                                  |                          |                      |                                  |
| 8.8                                                      | 400                                                     | 157.09                | 10600                                                   | 1.50                                            |                          |                                          |                                  |                          |                      |                                  |
| 10                                                       | 350                                                     | 136.16                | 10900                                                   | 1.70                                            |                          |                                          |                                  |                          |                      |                                  |
| 11                                                       | 325                                                     | 127.27                | 11000                                                   | 1.85                                            |                          |                                          |                                  |                          |                      |                                  |
| 13                                                       | 280                                                     | 110.01                | 11200                                                   | 2.1                                             |                          |                                          |                                  |                          |                      |                                  |
| 15                                                       | 240                                                     | 93.47                 | 11500                                                   | 2.5                                             |                          |                                          |                                  |                          |                      |                                  |
| 17                                                       | 215                                                     | 83.46                 | 11500                                                   | 2.8                                             |                          |                                          |                                  |                          |                      |                                  |
| 9.2                                                      | 385                                                     | 150.06                | 6140                                                    | 1.05                                            | KSA<br>KSAF<br>KS<br>KSF | 40<br>40<br>40<br>40                     | D71D4<br>D71D4<br>D71D4<br>D71D4 |                          |                      |                                  |
| 11                                                       | 335                                                     | 130.07                | 6740                                                    | 1.20                                            |                          |                                          |                                  |                          |                      |                                  |
| 13                                                       | 270                                                     | 105.09                | 7320                                                    | 1.50                                            |                          |                                          |                                  |                          |                      |                                  |
| 15                                                       | 230                                                     | 89.29                 | 7600                                                    | 1.75                                            |                          |                                          |                                  |                          |                      |                                  |
| 17                                                       | 205                                                     | 79.72                 | 7750                                                    | 1.95                                            |                          |                                          |                                  |                          |                      |                                  |
| 20                                                       | 174                                                     | 68.09                 | 7900                                                    | 2.3                                             |                          |                                          |                                  |                          |                      |                                  |
| 21                                                       | 167                                                     | 65.36                 | 7930                                                    | 2.4                                             |                          |                                          |                                  |                          |                      |                                  |
| 16                                                       | 220                                                     | 86.53                 | 3960                                                    | 0.90                                            |                          |                                          |                                  | KSA<br>KSAF<br>KS<br>KSF | 30<br>30<br>30<br>30 | D71D4<br>D71D4<br>D71D4<br>D71D4 |
| 17                                                       | 205                                                     | 80.65                 | 4200                                                    | 0.95                                            |                          |                                          |                                  |                          |                      |                                  |
| 20                                                       | 181                                                     | 70.50                 | 4550                                                    | 1.10                                            |                          |                                          |                                  |                          |                      |                                  |
| 21                                                       | 169                                                     | 66.09                 | 4680                                                    | 1.20                                            |                          |                                          |                                  |                          |                      |                                  |
| 24                                                       | 149                                                     | 58.32                 | 4890                                                    | 1.35                                            |                          |                                          |                                  |                          |                      |                                  |
| 25                                                       | 140                                                     | 54.54                 | 4970                                                    | 1.45                                            |                          |                                          |                                  |                          |                      |                                  |
| 27                                                       | 132                                                     | 51.70                 | 5030                                                    | 1.50                                            |                          |                                          |                                  |                          |                      |                                  |
| 29                                                       | 120                                                     | 47.02                 | 5120                                                    | 1.65                                            |                          |                                          |                                  |                          |                      |                                  |
| 31                                                       | 112                                                     | 43.83                 | 5180                                                    | 1.80                                            |                          |                                          |                                  |                          |                      |                                  |
| 36                                                       | 98                                                      | 38.31                 | 5270                                                    | 2.0                                             |                          |                                          |                                  |                          |                      |                                  |
| 38                                                       | 92                                                      | 35.91                 | 5300                                                    | 2.2                                             |                          |                                          |                                  |                          |                      |                                  |
| 44                                                       | 81                                                      | 31.69                 | 5300                                                    | 2.5                                             |                          |                                          |                                  |                          |                      |                                  |
| 49                                                       | 72                                                      | 28.09                 | 5140                                                    | 2.8                                             |                          |                                          |                                  |                          |                      |                                  |
| 58                                                       | 61                                                      | 23.88                 | 4930                                                    | 3.3                                             |                          |                                          |                                  |                          |                      |                                  |
| 58                                                       | 61                                                      | 23.63                 | 4920                                                    | 3.3                                             | KSA<br>KSAF<br>KS<br>KSF | 30<br>30<br>30<br>30                     | D71D4<br>D71D4<br>D71D4<br>D71D4 |                          |                      |                                  |
| 67                                                       | 53                                                      | 20.57                 | 4740                                                    | 3.8                                             |                          |                                          |                                  |                          |                      |                                  |
| 72                                                       | 49                                                      | 19.27                 | 4650                                                    | 4.1                                             |                          |                                          |                                  |                          |                      |                                  |
| 81                                                       | 44                                                      | 17.03                 | 4500                                                    | 4.6                                             |                          |                                          |                                  |                          |                      |                                  |
| 87                                                       | 41                                                      | 15.81                 | 4400                                                    | 4.9                                             |                          |                                          |                                  |                          |                      |                                  |
| 96                                                       | 37                                                      | 14.33                 | 4280                                                    | 5.4                                             |                          |                                          |                                  |                          |                      |                                  |
| 107                                                      | 33                                                      | 12.87                 | 4150                                                    | 6.1                                             |                          |                                          |                                  |                          |                      |                                  |
| 125                                                      | 28                                                      | 11.08                 | 3970                                                    | 6.7                                             |                          |                                          |                                  |                          |                      |                                  |
| 132                                                      | 27                                                      | 10.42                 | 3900                                                    | 6.9                                             |                          |                                          |                                  |                          |                      |                                  |
| 154                                                      | 23                                                      | 8.97                  | 3730                                                    | 7.6                                             |                          |                                          |                                  |                          |                      |                                  |
| 186                                                      | 19                                                      | 7.44                  | 3510                                                    | 7.6                                             |                          |                                          |                                  |                          |                      |                                  |
| 205                                                      | 17                                                      | 6.74                  | 3410                                                    | 8.1                                             |                          |                                          |                                  |                          |                      |                                  |
| 228                                                      | 16                                                      | 6.05                  | 3300                                                    | 8.7                                             |                          |                                          |                                  |                          |                      |                                  |
| 265                                                      | 13                                                      | 5.21                  | 3150                                                    | 9.4                                             |                          |                                          |                                  |                          |                      |                                  |
| 282                                                      | 13                                                      | 4.90                  | 3090                                                    | 9.6                                             |                          |                                          |                                  |                          |                      |                                  |
| 327                                                      | 11                                                      | 4.22                  | 2950                                                    | 10                                              |                          |                                          |                                  |                          |                      |                                  |
| 0.55kW                                                   |                                                         |                       |                                                         |                                                 |                          |                                          |                                  |                          |                      |                                  |
| 0.22                                                     | 20500                                                   | 6295                  | 92000                                                   | 0.90                                            | KSA                      | 150 H90                                  | D80K4                            |                          |                      |                                  |
| 0.25                                                     | 17400                                                   | 5404                  | 102100                                                  | 1.05                                            | KSAF                     | 150 H90                                  | D80K4                            |                          |                      |                                  |
| 0.49                                                     | 8930                                                    | 2780                  | 118700                                                  | 2.0                                             | KS<br>KSF                | 150 H90<br>150 H90                       | D80K4<br>D80K4                   |                          |                      |                                  |
| 0.56                                                     | 7760                                                    | 2427                  | 120000                                                  | 2.3                                             | KSA                      | 150 H90                                  | D80K4                            |                          |                      |                                  |
| 0.81                                                     | 5520                                                    | 1674                  | 120000                                                  | 3.3                                             | KSAF                     | 150 H90                                  | D80K4                            |                          |                      |                                  |
| 1.0                                                      | 4220                                                    | 1308                  | 120000                                                  | 4.3                                             | KS                       | 150 H90                                  | D80K4                            |                          |                      |                                  |
| 1.2                                                      | 3730                                                    | 1169                  | 120000                                                  | 4.8                                             | KSF                      | 150 H90                                  | D80K4                            |                          |                      |                                  |
| 0.35                                                     | 13300                                                   | 3926                  | 88000                                                   | 0.90                                            | KSA<br>KSAF              | 120 H70<br>120 H70                       | D80K4<br>D80K4                   |                          |                      |                                  |
| 0.39                                                     | 11600                                                   | 3454                  | 90000                                                   | 1.05                                            | KS                       | 120 H70                                  | D80K4                            |                          |                      |                                  |
| 0.45                                                     | 10200                                                   | 3031                  | 90000                                                   | 1.20                                            | KSF                      | 120 H70                                  | D80K4                            |                          |                      |                                  |
| 0.57                                                     | 8100                                                    | 2369                  | 48700                                                   | 0.95                                            | KSA<br>KSAF<br>KS<br>KSF | 100 H70<br>100 H70<br>100 H70<br>100 H70 | D80K4<br>D80K4<br>D80K4<br>D80K4 |                          |                      |                                  |
| 0.66                                                     | 7070                                                    | 2068                  | 51400                                                   | 1.10                                            |                          |                                          |                                  |                          |                      |                                  |
| 0.74                                                     | 6110                                                    | 1826                  | 53800                                                   | 1.25                                            |                          |                                          |                                  |                          |                      |                                  |
| 0.85                                                     | 5440                                                    | 1597                  | 55300                                                   | 1.40                                            |                          |                                          |                                  |                          |                      |                                  |
| 0.97                                                     | 4750                                                    | 1401                  | 56900                                                   | 1.60                                            |                          |                                          |                                  |                          |                      |                                  |
| 1.1                                                      | 4160                                                    | 1243                  | 58100                                                   | 1.85                                            |                          |                                          |                                  |                          |                      |                                  |
| 1.2                                                      | 3700                                                    | 1087                  | 59000                                                   | 2.1                                             |                          |                                          |                                  |                          |                      |                                  |
| 1.4                                                      | 3180                                                    | 950                   | 60000                                                   | 2.4                                             |                          |                                          |                                  |                          |                      |                                  |
| 1.6                                                      | 2770                                                    | 834                   | 60800                                                   | 2.8                                             |                          |                                          |                                  |                          |                      |                                  |
| 2.1                                                      | 2150                                                    | 640                   | 61900                                                   | 3.6                                             |                          |                                          |                                  |                          |                      |                                  |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model             |                                      |                                  |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------------------|--------------------------------------|----------------------------------|
| 0.55kW                                                   |                                                         |                       |                                                         |                                                 |                          |                                      |                                  |
| 1.0                                                      | 4530                                                    | 1327                  | 29200                                                   | 0.95                                            | KSA<br>KSAF<br>KS<br>KSF | 90 H50<br>90 H50<br>90 H50<br>90 H50 | D80K4<br>D80K4<br>D80K4<br>D80K4 |
| 1.2                                                      | 4060                                                    | 1171                  | 30600                                                   | 1.05                                            |                          |                                      |                                  |
| 1.3                                                      | 3550                                                    | 1022                  | 32000                                                   | 1.20                                            |                          |                                      |                                  |
| 1.5                                                      | 3050                                                    | 898                   | 33200                                                   | 1.40                                            |                          |                                      |                                  |
| 1.7                                                      | 2690                                                    | 784                   | 34000                                                   | 1.60                                            |                          |                                      |                                  |
| 2.0                                                      | 2340                                                    | 690                   | 34700                                                   | 1.85                                            |                          |                                      |                                  |
| 2.2                                                      | 2060                                                    | 605                   | 35300                                                   | 2.1                                             |                          |                                      |                                  |
| 2.6                                                      | 1790                                                    | 529                   | 35800                                                   | 2.4                                             |                          |                                      |                                  |
| 2.9                                                      | 1580                                                    | 467                   | 36100                                                   | 2.7                                             |                          |                                      |                                  |
| 3.4                                                      | 1360                                                    | 406                   | 36500                                                   | 3.2                                             |                          |                                      |                                  |
| 3.7                                                      | 1220                                                    | 363                   | 36700                                                   | 3.5                                             |                          |                                      |                                  |
|                                                          |                                                         |                       |                                                         |                                                 |                          |                                      |                                  |
| 1.5                                                      | 3040                                                    | 887                   | 18200                                                   | 1.00                                            | KSA<br>KSAF<br>KS<br>KSF | 80 H50<br>80 H50<br>80 H50<br>80 H50 | D80K4<br>D80K4<br>D80K4<br>D80K4 |
| 1.7                                                      | 2660                                                    | 780                   | 24200                                                   | 1.15                                            |                          |                                      |                                  |
| 2.0                                                      | 2290                                                    | 674                   | 25500                                                   | 1.30                                            |                          |                                      |                                  |
| 2.2                                                      | 2080                                                    | 609                   | 26200                                                   | 1.45                                            |                          |                                      |                                  |
| 2.6                                                      | 1750                                                    | 515                   | 27100                                                   | 1.70                                            |                          |                                      |                                  |
| 3.0                                                      | 1540                                                    | 452                   | 27700                                                   | 1.95                                            |                          |                                      |                                  |
| 3.9                                                      | 1160                                                    | 345                   | 28600                                                   | 2.6                                             |                          |                                      |                                  |
|                                                          |                                                         |                       |                                                         |                                                 |                          |                                      |                                  |
| 2.5                                                      | 1860                                                    | 538                   | 9980                                                    | 0.80                                            | KSA<br>KSAF<br>KS<br>KSF | 70 H30<br>70 H30<br>70 H30<br>70 H30 | D80K4<br>D80K4<br>D80K4<br>D80K4 |
| 2.8                                                      | 1660                                                    | 480                   | 14600                                                   | 0.90                                            |                          |                                      |                                  |
| 3.3                                                      | 1420                                                    | 413                   | 16200                                                   | 1.05                                            |                          |                                      |                                  |
| 3.7                                                      | 1270                                                    | 367                   | 17100                                                   | 1.20                                            |                          |                                      |                                  |
| 4.2                                                      | 1120                                                    | 323                   | 17800                                                   | 1.35                                            |                          |                                      |                                  |
|                                                          |                                                         |                       |                                                         |                                                 |                          |                                      |                                  |
| 5.3                                                      | 890                                                     | 257                   | 9660                                                    | 0.90                                            | KSA<br>KSAF<br>KS<br>KSF | 60 H30<br>60 H30<br>60 H30<br>60 H30 | D80K4<br>D80K4<br>D80K4<br>D80K4 |
| 5.9                                                      | 790                                                     | 231                   | 10600                                                   | 1.05                                            |                          |                                      |                                  |
| 6.6                                                      | 705                                                     | 205                   | 11200                                                   | 1.15                                            |                          |                                      |                                  |
| 7.8                                                      | 600                                                     | 175                   | 11900                                                   | 1.35                                            |                          |                                      |                                  |
|                                                          |                                                         |                       |                                                         |                                                 |                          |                                      |                                  |
| 2.5                                                      | 2140                                                    | 276.77                | 35100                                                   | 2.0                                             | KSA<br>KSAF<br>KS<br>KSF | 90<br>90<br>90<br>90                 | D90L8<br>D90L8<br>D90L8<br>D90L8 |
| 2.7                                                      | 1960                                                    | 253.41                | 35500                                                   | 2.2                                             |                          |                                      |                                  |
| 3.0                                                      | 1730                                                    | 223.88                | 35900                                                   | 2.5                                             |                          |                                      |                                  |
|                                                          |                                                         |                       |                                                         |                                                 |                          |                                      |                                  |
|                                                          |                                                         |                       |                                                         |                                                 |                          |                                      |                                  |
| 2.5                                                      | 2090                                                    | 270.68                | 26200                                                   | 1.45                                            | KSA<br>KSAF<br>KS<br>KSF | 80<br>80<br>80<br>80                 | D90L8<br>D90L8<br>D90L8<br>D90L8 |
| 2.7                                                      | 1970                                                    | 255.37                | 26500                                                   | 1.50                                            |                          |                                      |                                  |
| 3.0                                                      | 1770                                                    | 228.93                | 27100                                                   | 1.70                                            |                          |                                      |                                  |
| 3.5                                                      | 1520                                                    | 197.20                | 27800                                                   | 1.95                                            |                          |                                      |                                  |
|                                                          |                                                         |                       |                                                         |                                                 |                          |                                      |                                  |
| 3.3                                                      | 1580                                                    | 270.68                | 27600                                                   | 1.90                                            | KSA<br>KSAF<br>KS<br>KSF | 80<br>80<br>80<br>80                 | D80N6<br>D80N6<br>D80N6<br>D80N6 |
| 3.5                                                      | 1490                                                    | 255.37                | 27800                                                   | 2.0                                             |                          |                                      |                                  |
| 3.9                                                      | 1340                                                    | 228.93                | 28200                                                   | 2.2                                             |                          |                                      |                                  |
| 4.6                                                      | 1150                                                    | 197.20                | 28700                                                   | 2.6                                             |                          |                                      |                                  |
| 5.0                                                      | 1050                                                    | 179.97                | 28900                                                   | 2.9                                             |                          |                                      |                                  |
|                                                          |                                                         |                       |                                                         |                                                 |                          |                                      |                                  |
| 4.0                                                      | 1320                                                    | 225.79                | 16800                                                   | 1.15                                            | KSA<br>KSAF<br>KS<br>KSF | 70<br>70<br>70<br>70                 | D80N6<br>D80N6<br>D80N6<br>D80N6 |
| 4.5                                                      | 1160                                                    | 198.31                | 17600                                                   | 1.30                                            |                          |                                      |                                  |
| 4.8                                                      | 1100                                                    | 188.40                | 17900                                                   | 1.35                                            |                          |                                      |                                  |
| 5.4                                                      | 970                                                     | 166.47                | 18400                                                   | 1.55                                            |                          |                                      |                                  |
| 6.3                                                      | 830                                                     | 142.27                | 18900                                                   | 1.80                                            |                          |                                      |                                  |
| 6.9                                                      | 760                                                     | 130.42                | 19100                                                   | 1.95                                            |                          |                                      |                                  |
|                                                          |                                                         |                       |                                                         |                                                 |                          |                                      |                                  |
| 6.0                                                      | 870                                                     | 225.79                | 18800                                                   | 1.70                                            | KSA<br>KSAF<br>KS<br>KSF | 70<br>70<br>70<br>70                 | D80K4<br>D80K4<br>D80K4<br>D80K4 |
| 6.9                                                      | 765                                                     | 198.31                | 19100                                                   | 1.95                                            |                          |                                      |                                  |
| 7.2                                                      | 730                                                     | 188.40                | 19200                                                   | 2.1                                             |                          |                                      |                                  |
| 8.2                                                      | 645                                                     | 166.47                | 19400                                                   | 2.3                                             |                          |                                      |                                  |
| 9.6                                                      | 550                                                     | 142.27                | 19600                                                   | 2.7                                             |                          |                                      |                                  |
| 10                                                       | 505                                                     | 130.42                | 19700                                                   | 3.0                                             |                          |                                      |                                  |
| 12                                                       | 440                                                     | 114.45                | 19800                                                   | 3.4                                             |                          |                                      |                                  |
| 13                                                       | 420                                                     | 108.46                | 19800                                                   | 3.6                                             |                          |                                      |                                  |
| 14                                                       | 365                                                     | 94.93                 | 19900                                                   | 4.1                                             |                          |                                      |                                  |
|                                                          |                                                         |                       |                                                         |                                                 |                          |                                      |                                  |
| 7.0                                                      | 755                                                     | 195.39                | 10900                                                   | 1.10                                            | KSA<br>KSAF<br>KS<br>KSF | 60<br>60<br>60<br>60                 | D80K4<br>D80K4<br>D80K4<br>D80K4 |
| 8.0                                                      | 660                                                     | 170.85                | 11500                                                   | 1.25                                            |                          |                                      |                                  |
| 8.4                                                      | 625                                                     | 162.31                | 11700                                                   | 1.30                                            |                          |                                      |                                  |
| 9.6                                                      | 550                                                     | 142.40                | 12200                                                   | 1.50                                            |                          |                                      |                                  |
| 11                                                       | 465                                                     | 120.79                | 12600                                                   | 1.75                                            |                          |                                      |                                  |
| 12                                                       | 420                                                     | 109.04                | 12700                                                   | 1.95                                            |                          |                                      |                                  |
| 14                                                       | 370                                                     | 95.94                 | 12900                                                   | 2.2                                             |                          |                                      |                                  |
| 15                                                       | 350                                                     | 90.59                 | 13000                                                   | 2.3                                             |                          |                                      |                                  |
| 17                                                       | 310                                                     | 79.76                 | 13000                                                   | 2.7                                             |                          |                                      |                                  |



| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>fB | 机型号<br>Model              |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------|---------------------------|
| <b>0.75kW</b>                                            |                                                         |                       |                                                         |                                     |                           |
| 0.76                                                     | 8360                                                    | 1826                  | 48000                                                   | 0.90                                |                           |
| 0.86                                                     | 7400                                                    | 1597                  | 50500                                                   | 1.05                                |                           |
| 0.98                                                     | 6470                                                    | 1401                  | 52900                                                   | 1.20                                | <b>KSA 100 H70 D80N4</b>  |
| 1.1                                                      | 5690                                                    | 1243                  | 54800                                                   | 1.35                                | <b>KSAF 100 H70 D80N4</b> |
| 1.3                                                      | 5040                                                    | 1087                  | 56200                                                   | 1.50                                | <b>KS 100 H70 D80N4</b>   |
| 1.5                                                      | 4350                                                    | 950                   | 57700                                                   | 1.75                                | <b>KSF 100 H70 D80N4</b>  |
| 1.7                                                      | 3800                                                    | 834                   | 58800                                                   | 2.0                                 |                           |
| 2.2                                                      | 2940                                                    | 640                   | 60500                                                   | 2.6                                 |                           |
| 3.2                                                      | 2000                                                    | 436                   | 62200                                                   | 3.8                                 |                           |
| 1.4                                                      | 4810                                                    | 1022                  | 22800                                                   | 0.90                                |                           |
| 1.5                                                      | 4150                                                    | 898                   | 30300                                                   | 1.05                                |                           |
| 1.8                                                      | 3660                                                    | 784                   | 31700                                                   | 1.20                                | <b>KSA 90 H50 D80N4</b>   |
| 2.0                                                      | 3190                                                    | 690                   | 32900                                                   | 1.35                                | <b>KSAF 90 H50 D80N4</b>  |
| 2.3                                                      | 2800                                                    | 605                   | 33800                                                   | 1.55                                | <b>KS 90 H50 D80N4</b>    |
| 2.6                                                      | 2440                                                    | 529                   | 34500                                                   | 1.75                                | <b>KSF 90 H50 D80N4</b>   |
| 3.0                                                      | 2160                                                    | 467                   | 35100                                                   | 2.0                                 |                           |
| 3.4                                                      | 1860                                                    | 406                   | 35600                                                   | 2.3                                 |                           |
| 3.8                                                      | 1670                                                    | 363                   | 36000                                                   | 2.6                                 |                           |
| 2.0                                                      | 3120                                                    | 674                   | 14700                                                   | 0.95                                | <b>KSA 80 H50 D80N4</b>   |
| 2.3                                                      | 2830                                                    | 609                   | 23600                                                   | 1.05                                | <b>KSAF 80 H50 D80N4</b>  |
| 2.7                                                      | 2390                                                    | 515                   | 25200                                                   | 1.25                                | <b>KS 80 H50 D80N4</b>    |
| 3.0                                                      | 2100                                                    | 452                   | 26100                                                   | 1.45                                | <b>KSF 80 H50 D80N4</b>   |
| 4.0                                                      | 1590                                                    | 345                   | 27600                                                   | 1.90                                |                           |
| 3.8                                                      | 1720                                                    | 367                   | 14100                                                   | 0.85                                | <b>KSA 70 H30 D80N4</b>   |
| 4.3                                                      | 1520                                                    | 323                   | 15600                                                   | 1.00                                | <b>KSAF 70 H30 D80N4</b>  |
| 4.9                                                      | 1310                                                    | 280                   | 16900                                                   | 1.15                                | <b>KS 70 H30 D80N4</b>    |
|                                                          |                                                         |                       |                                                         |                                     | <b>KSF 70 H30 D80N4</b>   |
| 2.7                                                      | 2640                                                    | 254.40                | 61100                                                   | 2.9                                 | <b>KSA 100 D100M8</b>     |
|                                                          |                                                         |                       |                                                         |                                     | <b>KSAF 100 D100M8</b>    |
|                                                          |                                                         |                       |                                                         |                                     | <b>KS 100 D100M8</b>      |
|                                                          |                                                         |                       |                                                         |                                     | <b>KSF 100 D100M8</b>     |
| 2.5                                                      | 2870                                                    | 276.77                | 33600                                                   | 1.50                                | <b>KSA 90 D100M8</b>      |
| 2.7                                                      | 2630                                                    | 253.41                | 34100                                                   | 1.65                                | <b>KSAF 90 D100M8</b>     |
| 3.1                                                      | 2320                                                    | 223.88                | 34800                                                   | 1.85                                | <b>KS 90 D100M8</b>       |
|                                                          |                                                         |                       |                                                         |                                     | <b>KSF 90 D100M8</b>      |
| 3.2                                                      | 2200                                                    | 276.77                | 35000                                                   | 1.95                                | <b>KSA 90 D90S6</b>       |
| 3.5                                                      | 2020                                                    | 253.41                | 35400                                                   | 2.1                                 | <b>KSAF 90 D90S6</b>      |
| 4.0                                                      | 1780                                                    | 223.88                | 35800                                                   | 2.4                                 | <b>KS 90 D90S6</b>        |
|                                                          |                                                         |                       |                                                         |                                     | <b>KSF 90 D90S6</b>       |
| 3.3                                                      | 2150                                                    | 270.68                | 26000                                                   | 1.40                                |                           |
| 3.5                                                      | 2030                                                    | 255.37                | 26300                                                   | 1.50                                | <b>KSA 80 D90S6</b>       |
| 3.9                                                      | 1820                                                    | 228.93                | 27000                                                   | 1.65                                | <b>KSAF 80 D90S6</b>      |
| 4.6                                                      | 1570                                                    | 197.20                | 27600                                                   | 1.90                                | <b>KS 80 D90S6</b>        |
| 5.0                                                      | 1430                                                    | 179.97                | 28000                                                   | 2.1                                 | <b>KSF 80 D90S6</b>       |
| 5.6                                                      | 1270                                                    | 156.61                | 28400                                                   | 2.4                                 |                           |
| 5.1                                                      | 1400                                                    | 270.68                | 28100                                                   | 2.1                                 | <b>KSA 80 D80N4</b>       |
| 5.4                                                      | 1330                                                    | 255.37                | 28200                                                   | 2.3                                 | <b>KSAF 80 D80N4</b>      |
| 6.0                                                      | 1190                                                    | 228.93                | 28600                                                   | 2.5                                 | <b>KS 80 D80N4</b>        |
|                                                          |                                                         |                       |                                                         |                                     | <b>KSF 80 D80N4</b>       |
| 4.5                                                      | 1580                                                    | 198.31                | 15200                                                   | 0.95                                | <b>KSA 70 D90S6</b>       |
| 4.8                                                      | 1500                                                    | 188.40                | 15700                                                   | 1.00                                | <b>KSAF 70 D90S6</b>      |
| 5.4                                                      | 1320                                                    | 166.47                | 16800                                                   | 1.15                                | <b>KS 70 D90S6</b>        |
| 6.3                                                      | 1130                                                    | 142.27                | 17800                                                   | 1.30                                | <b>KSF 70 D90S6</b>       |
| 6.9                                                      | 1040                                                    | 130.42                | 18200                                                   | 1.45                                |                           |
| 6.1                                                      | 1170                                                    | 225.79                | 17600                                                   | 1.30                                | <b>KSA 70 D80N4</b>       |
| 7.0                                                      | 1030                                                    | 198.31                | 18200                                                   | 1.45                                | <b>KSAF 70 D80N4</b>      |
| 7.3                                                      | 980                                                     | 188.40                | 18400                                                   | 1.55                                | <b>KS 70 D80N4</b>        |
|                                                          |                                                         |                       |                                                         |                                     | <b>KSF 70 D80N4</b>       |
| 8.3                                                      | 860                                                     | 166.47                | 18800                                                   | 1.75                                | <b>KSA 70 D80N4</b>       |
| 9.7                                                      | 740                                                     | 142.27                | 19200                                                   | 2.0                                 | <b>KSAF 70 D80N4</b>      |
| 11                                                       | 675                                                     | 130.42                | 19300                                                   | 2.2                                 | <b>KS 70 D80N4</b>        |
| 12                                                       | 595                                                     | 114.45                | 19500                                                   | 2.5                                 | <b>KSF 70 D80N4</b>       |
| 13                                                       | 565                                                     | 108.46                | 19600                                                   | 2.7                                 |                           |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>fB | 机型号<br>Model              |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------|---------------------------|
| <b>0.75kW</b>                                            |                                                         |                       |                                                         |                                     |                           |
| 8.1                                                      | 890                                                     | 170.85                | 9670                                                    | 0.90                                | <b>KSA 60 D80N4</b>       |
| 8.5                                                      | 840                                                     | 162.31                | 10100                                                   | 0.95                                | <b>KSAF 60 D80N4</b>      |
| 9.7                                                      | 740                                                     | 142.40                | 11000                                                   | 1.10                                | <b>KS 60 D80N4</b>        |
| 11                                                       | 625                                                     | 120.79                | 11700                                                   | 1.30                                | <b>KSF 60 D80N4</b>       |
| 13                                                       | 565                                                     | 109.04                | 12100                                                   | 1.45                                |                           |
| 14                                                       | 500                                                     | 95.94                 | 12400                                                   | 1.65                                | <b>KSA 60 D80N4</b>       |
| 15                                                       | 470                                                     | 90.59                 | 12500                                                   | 1.75                                | <b>KSAF 60 D80N4</b>      |
| 17                                                       | 415                                                     | 79.76                 | 12800                                                   | 2.0                                 | <b>KS 60 D80N4</b>        |
| 20                                                       | 350                                                     | 67.65                 | 13000                                                   | 2.3                                 | <b>KSF 60 D80N4</b>       |
| 23                                                       | 315                                                     | 61.07                 | 13000                                                   | 2.6                                 |                           |
| 11                                                       | 660                                                     | 127.27                | 5290                                                    | 0.90                                |                           |
| 13                                                       | 570                                                     | 110.01                | 9420                                                    | 1.05                                |                           |
| 15                                                       | 485                                                     | 93.47                 | 10000                                                   | 1.25                                | <b>KSA 50 D80N4</b>       |
| 17                                                       | 435                                                     | 83.46                 | 10400                                                   | 1.40                                | <b>KSAF 50 D80N4</b>      |
| 19                                                       | 380                                                     | 72.98                 | 10700                                                   | 1.60                                | <b>KS 50 D80N4</b>        |
| 20                                                       | 355                                                     | 68.22                 | 10800                                                   | 1.70                                | <b>KSF 50 D80N4</b>       |
| 23                                                       | 305                                                     | 58.97                 | 11100                                                   | 1.95                                |                           |
| 28                                                       | 260                                                     | 50.10                 | 11300                                                   | 2.3                                 |                           |
| 31                                                       | 230                                                     | 44.73                 | 11400                                                   | 2.6                                 |                           |
| 17                                                       | 415                                                     | 79.72                 | 5060                                                    | 0.95                                | <b>KSA 40 D80N4</b>       |
| 20                                                       | 355                                                     | 68.09                 | 6520                                                    | 1.15                                | <b>KSAF 40 D80N4</b>      |
| 21                                                       | 340                                                     | 65.36                 | 6680                                                    | 1.20                                | <b>KS 40 D80N4</b>        |
|                                                          |                                                         |                       |                                                         |                                     | <b>KSF 40 D80N4</b>       |
| 24                                                       | 295                                                     | 56.49                 | 7120                                                    | 1.35                                |                           |
| 29                                                       | 250                                                     | 48.00                 | 7470                                                    | 1.60                                | <b>KSA 40 D80N4</b>       |
| 32                                                       | 220                                                     | 42.86                 | 7640                                                    | 1.80                                | <b>KSAF 40 D80N4</b>      |
| 38                                                       | 190                                                     | 36.61                 | 7820                                                    | 2.1                                 | <b>KS 40 D80N4</b>        |
| 40                                                       | 178                                                     | 34.29                 | 7850                                                    | 2.2                                 | <b>KSF 40 D80N4</b>       |
| 48                                                       | 150                                                     | 28.88                 | 7540                                                    | 2.7                                 |                           |
| 29                                                       | 245                                                     | 47.02                 | 3530                                                    | 0.80                                |                           |
| 31                                                       | 230                                                     | 43.83                 | 3850                                                    | 0.90                                | <b>KSA 30 D80N4</b>       |
| 36                                                       | 199                                                     | 38.31                 | 4310                                                    | 1.00                                | <b>KSAF 30 D80N4</b>      |
| 38                                                       | 186                                                     | 35.91                 | 4480                                                    | 1.05                                | <b>KS 30 D80N4</b>        |
| 44                                                       | 165                                                     | 31.69                 | 4620                                                    | 1.20                                | <b>KSF 30 D80N4</b>       |
| 49                                                       | 146                                                     | 28.09                 | 4540                                                    | 1.35                                |                           |
| 58                                                       | 124                                                     | 23.88                 | 4410                                                    | 1.60                                |                           |
| 58                                                       | 123                                                     | 23.63                 | 4400                                                    | 1.65                                |                           |
| 67                                                       | 107                                                     | 20.57                 | 4290                                                    | 1.85                                |                           |
| 72                                                       | 100                                                     | 19.27                 | 4240                                                    | 2.0                                 |                           |
| 81                                                       | 88                                                      | 17.03                 | 4130                                                    | 2.3                                 |                           |
| 96                                                       | 74                                                      | 14.33                 | 3970                                                    | 2.7                                 |                           |
| 107                                                      | 67                                                      | 12.87                 | 3870                                                    | 3.0                                 | <b>KSA 30 D80N4</b>       |
| 125                                                      | 58                                                      | 11.08                 | 3730                                                    | 3.3                                 | <b>KSAF 30 D80N4</b>      |
| 132                                                      | 54                                                      | 10.42                 | 3680                                                    | 3.4                                 | <b>KS 30 D80N4</b>        |
| 154                                                      | 47                                                      | 8.97                  | 3540                                                    | 3.8                                 | <b>KSF 30 D80N4</b>       |
| 205                                                      | 35                                                      | 6.74                  | 3250                                                    | 4.0                                 |                           |
| 228                                                      | 31                                                      | 6.05                  | 3150                                                    | 4.3                                 |                           |
| 265                                                      | 27                                                      | 5.21                  | 3030                                                    | 4.6                                 |                           |
| 282                                                      | 25                                                      | 4.90                  | 2970                                                    | 4.7                                 |                           |
| 327                                                      | 22                                                      | 4.22                  | 2850                                                    | 5.0                                 |                           |
| 366                                                      | 20                                                      | 3.77                  | 2760                                                    | 5.4                                 |                           |
| <b>1.1kW</b>                                             |                                                         |                       |                                                         |                                     |                           |
| 0.50                                                     | 18200                                                   | 2780                  | 99800                                                   | 1.00                                | <b>KSA 150 H90 D90S4</b>  |
|                                                          |                                                         |                       |                                                         |                                     | <b>KSAF 150 H90 D90S4</b> |
|                                                          |                                                         |                       |                                                         |                                     | <b>KS 150 H90 D90S4</b>   |
|                                                          |                                                         |                       |                                                         |                                     | <b>KSF 150 H90 D90S4</b>  |
| 0.58                                                     | 16000                                                   | 2427                  | 105800                                                  | 1.15                                |                           |
| 0.64                                                     | 14300                                                   | 2185                  | 109700                                                  | 1.25                                |                           |
| 0.72                                                     | 12700                                                   | 1944                  | 112900                                                  | 1.40                                |                           |
| 0.84                                                     | 11200                                                   | 1674                  | 115500                                                  | 1.60                                | <b>KSA 150 H90 D90S4</b>  |
| 1.1                                                      | 8640                                                    | 1308                  | 119000                                                  | 2.1                                 | <b>KSAF 150 H90 D90S4</b> |
| 1.2                                                      | 7680                                                    | 1169                  | 120000                                                  | 2.3                                 | <b>KS 150 H90 D90S4</b>   |
| 1.5                                                      | 6190                                                    | 953                   | 120000                                                  | 2.9                                 | <b>KSF 150 H90 D90S4</b>  |
| 1.7                                                      | 5450                                                    | 845                   | 120000                                                  | 3.3                                 |                           |
| 3.1                                                      | 2880                                                    | 446                   | 120000                                                  | 6.2                                 |                           |
| 4.6                                                      | 1950                                                    | 302                   | 120000                                                  | 9.2                                 |                           |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model |         |        |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------|---------|--------|
| 1.1kW                                                    |                                                         |                       |                                                         |                                                 |              |         |        |
| 0.69                                                     | 13800                                                   | 2038                  | 87000                                                   | 0.85                                            |              |         |        |
| 0.79                                                     | 12000                                                   | 1784                  | 90000                                                   | 1.00                                            | KSA          | 120 H70 | D90S4  |
| 0.87                                                     | 10800                                                   | 1606                  | 90000                                                   | 1.10                                            | KSAF         | 120 H70 | D90S4  |
| 1.0                                                      | 9350                                                    | 1390                  | 90000                                                   | 1.30                                            | KS           | 120 H70 | D90S4  |
| 1.1                                                      | 8170                                                    | 1220                  | 90000                                                   | 1.45                                            | KSF          | 120 H70 | D90S4  |
| 1.3                                                      | 7260                                                    | 1077                  | 90000                                                   | 1.65                                            |              |         |        |
| 1.1                                                      | 8360                                                    | 1243                  | 48000                                                   | 0.90                                            |              |         |        |
| 1.3                                                      | 7370                                                    | 1087                  | 50600                                                   | 1.05                                            | KSA          | 100 H70 | D90S4  |
| 1.5                                                      | 6390                                                    | 950                   | 53100                                                   | 1.20                                            | KSAF         | 100 H70 | D90S4  |
| 1.7                                                      | 5590                                                    | 834                   | 55000                                                   | 1.35                                            | KS           | 100 H70 | D90S4  |
| 1.9                                                      | 4910                                                    | 736                   | 56500                                                   | 1.55                                            | KSF          | 100 H70 | D90S4  |
| 2.2                                                      | 4310                                                    | 640                   | 57800                                                   | 1.80                                            |              |         |        |
| 2.0                                                      | 4670                                                    | 690                   | 27800                                                   | 0.90                                            |              |         |        |
| 2.3                                                      | 4100                                                    | 605                   | 30500                                                   | 1.05                                            | KSA          | 90 H50  | D90S4  |
| 2.7                                                      | 3580                                                    | 529                   | 31900                                                   | 1.20                                            | KSAF         | 90 H50  | D90S4  |
| 3.0                                                      | 3160                                                    | 467                   | 32900                                                   | 1.35                                            | KS           | 90 H50  | D90S4  |
| 3.5                                                      | 2730                                                    | 406                   | 33900                                                   | 1.55                                            | KSF          | 90 H50  | D90S4  |
| 3.8                                                      | 2450                                                    | 363                   | 34500                                                   | 1.75                                            |              |         |        |
| 3.1                                                      | 3070                                                    | 452                   | 16900                                                   | 1.00                                            | KSA          | 80 H50  | D90S4  |
| 4.1                                                      | 2330                                                    | 345                   | 25400                                                   | 1.30                                            | KSAF         | 80 H50  | D90S4  |
| 4.7                                                      | 2020                                                    | 300                   | 26400                                                   | 1.50                                            | KS           | 80 H50  | D90S4  |
| 5.6                                                      | 1670                                                    | 249                   | 27400                                                   | 1.80                                            | KSF          | 80 H50  | D90S4  |
| 2.7                                                      | 3930                                                    | 254.40                | 58600                                                   | 1.95                                            | KSA          | 100     | D100L8 |
| 3.2                                                      | 3330                                                    | 215.37                | 59800                                                   | 2.3                                             | KSAF         | 100     | D100L8 |
| 3.4                                                      | 3080                                                    | 199.31                | 60200                                                   | 2.5                                             | KS           | 100     | D100L8 |
| 3.8                                                      | 2760                                                    | 178.64                | 60800                                                   | 2.8                                             | KSF          | 100     | D100L8 |
| 3.3                                                      | 3160                                                    | 276.77                | 32900                                                   | 1.35                                            | KSA          | 90      | D90L6  |
| 3.6                                                      | 2890                                                    | 253.41                | 33600                                                   | 1.50                                            | KSAF         | 90      | D90L6  |
| 4.1                                                      | 2560                                                    | 223.88                | 34300                                                   | 1.70                                            | KS           | 90      | D90L6  |
| 4.8                                                      | 2170                                                    | 189.92                | 35100                                                   | 2.0                                             | KSF          | 90      | D90L6  |
| 5.3                                                      | 2000                                                    | 174.87                | 35400                                                   | 2.2                                             |              |         |        |
| 5.1                                                      | 2080                                                    | 276.77                | 35200                                                   | 2.1                                             | KSA          | 90      | D90S4  |
| 5.5                                                      | 1900                                                    | 253.41                | 35600                                                   | 2.3                                             | KSAF         | 90      | D90S4  |
| 6.2                                                      | 1680                                                    | 223.88                | 36000                                                   | 2.6                                             | KS           | 90      | D90S4  |
|                                                          |                                                         |                       |                                                         |                                                 | KSF          | 90      | D90S4  |
| 3.4                                                      | 3090                                                    | 270.68                | 16000                                                   | 0.95                                            |              |         |        |
| 3.6                                                      | 2920                                                    | 255.37                | 22700                                                   | 1.05                                            | KSA          | 80      | D90L6  |
| 4.0                                                      | 2610                                                    | 228.93                | 24400                                                   | 1.15                                            | KSAF         | 80      | D90L6  |
| 4.7                                                      | 2250                                                    | 197.20                | 25700                                                   | 1.35                                            | KS           | 80      | D90L6  |
| 5.1                                                      | 2050                                                    | 179.97                | 26300                                                   | 1.45                                            | KSF          | 80      | D90L6  |
| 5.8                                                      | 1820                                                    | 159.61                | 27000                                                   | 1.65                                            |              |         |        |
| 5.2                                                      | 2030                                                    | 270.68                | 26300                                                   | 1.50                                            | KSA          | 80      | D90S4  |
| 5.5                                                      | 1920                                                    | 255.37                | 26700                                                   | 1.55                                            | KSAF         | 80      | D90S4  |
| 6.1                                                      | 1720                                                    | 228.93                | 27200                                                   | 1.75                                            | KS           | 80      | D90S4  |
| 7.1                                                      | 1480                                                    | 197.20                | 27900                                                   | 2.0                                             | KSF          | 80      | D90S4  |
| 7.8                                                      | 1350                                                    | 179.97                | 28200                                                   | 2.2                                             | KSA          | 80      | D90S4  |
| 8.8                                                      | 1200                                                    | 159.61                | 28500                                                   | 2.5                                             | KSAF         | 80      | D90S4  |
| 10                                                       | 1010                                                    | 134.16                | 29000                                                   | 3.0                                             | KS           | 80      | D90S4  |
| 11                                                       | 930                                                     | 123.29                | 29100                                                   | 3.2                                             | KSF          | 80      | D90S4  |
| 7.1                                                      | 1490                                                    | 198.31                | 15800                                                   | 1.00                                            | KSA          | 70      | D90S4  |
| 7.4                                                      | 1410                                                    | 188.40                | 16300                                                   | 1.05                                            | KSAF         | 70      | D90S4  |
| 8.4                                                      | 1250                                                    | 166.47                | 17200                                                   | 1.20                                            | KS           | 70      | D90S4  |
| 9.8                                                      | 1070                                                    | 142.27                | 18000                                                   | 1.40                                            | KSF          | 70      | D90S4  |
| 11                                                       | 980                                                     | 130.42                | 18400                                                   | 1.55                                            |              |         |        |
| 12                                                       | 860                                                     | 114.45                | 18800                                                   | 1.75                                            | KSA          | 70      | D90S4  |
| 13                                                       | 810                                                     | 108.46                | 18900                                                   | 1.85                                            | KSAF         | 70      | D90S4  |
| 15                                                       | 710                                                     | 94.93                 | 19200                                                   | 2.1                                             | KS           | 70      | D90S4  |
| 16                                                       | 640                                                     | 85.52                 | 19400                                                   | 2.3                                             | KSF          | 70      | D90S4  |
| 19                                                       | 565                                                     | 75.02                 | 19600                                                   | 2.7                                             |              |         |        |



| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>fB | 机型号<br>Model       |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------|--------------------|
| 1.5kW                                                    |                                                         |                       |                                                         |                                     |                    |
| 0.88                                                     | 14800                                                   | 1606                  | 85000                                                   | 0.80                                |                    |
| 1.0                                                      | 12800                                                   | 1390                  | 89000                                                   | 0.95                                |                    |
| 1.2                                                      | 11200                                                   | 1220                  | 90000                                                   | 1.05                                | KSA 120 H70 D90L4  |
| 1.3                                                      | 9910                                                    | 1077                  | 90000                                                   | 1.20                                | KSAF 120 H70 D90L4 |
| 1.5                                                      | 8520                                                    | 930                   | 90000                                                   | 1.40                                | KS 120 H70 D90L4   |
| 1.7                                                      | 7500                                                    | 820                   | 90000                                                   | 1.60                                | KSF 120 H70 D90L4  |
| 1.9                                                      | 6630                                                    | 727                   | 90000                                                   | 1.80                                |                    |
| 2.2                                                      | 5960                                                    | 648                   | 90000                                                   | 2.0                                 |                    |
| 1.5                                                      | 8730                                                    | 950                   | 46900                                                   | 0.90                                |                    |
| 1.7                                                      | 7640                                                    | 834                   | 49900                                                   | 1.00                                |                    |
| 1.9                                                      | 6730                                                    | 736                   | 52300                                                   | 1.15                                | KSA 100 H70 D90L4  |
| 2.2                                                      | 5890                                                    | 640                   | 54300                                                   | 1.30                                | KSAF 100 H70 D90L4 |
| 2.5                                                      | 5110                                                    | 560                   | 56100                                                   | 1.50                                | KS 100 H70 D90L4   |
| 2.9                                                      | 4460                                                    | 489                   | 57500                                                   | 1.70                                | KSF 100 H70 D90L4  |
| 3.2                                                      | 4010                                                    | 436                   | 58400                                                   | 1.90                                |                    |
| 3.8                                                      | 3400                                                    | 370                   | 59600                                                   | 2.3                                 |                    |
| 2.7                                                      | 4880                                                    | 529                   | 19800                                                   | 0.90                                | KSA 90 H50 D90L4   |
| 3.0                                                      | 4310                                                    | 467                   | 29900                                                   | 1.00                                | KSAF 90 H50 D90L4  |
| 3.5                                                      | 3730                                                    | 406                   | 31500                                                   | 1.15                                | KS 90 H50 D90L4    |
| 3.9                                                      | 3340                                                    | 363                   | 32500                                                   | 1.30                                | KSF 90 H50 D90L4   |
| 4.1                                                      | 3180                                                    | 345                   | 11100                                                   | 0.95                                | KSA 80 H50 D90L4   |
| 4.7                                                      | 2760                                                    | 300                   | 23900                                                   | 1.10                                | KSAF 80 H50 D90L4  |
| 5.7                                                      | 2290                                                    | 249                   | 25500                                                   | 1.30                                | KS 80 H50 D90L4    |
| 2.8                                                      | 5210                                                    | 254.40                | 55900                                                   | 1.50                                | KSA 100 D112M8     |
| 3.2                                                      | 4410                                                    | 215.37                | 57600                                                   | 1.75                                | KSAF 100 D112M8    |
| 3.5                                                      | 4080                                                    | 199.31                | 58300                                                   | 1.90                                | KS 100 D112M8      |
| 3.9                                                      | 3660                                                    | 178.64                | 59100                                                   | 2.1                                 | KSF 100 D112M8     |
| 3.6                                                      | 3960                                                    | 254.40                | 58500                                                   | 1.95                                | KSA 100 D100M6     |
| 4.3                                                      | 3350                                                    | 215.37                | 59700                                                   | 2.3                                 | KSAF 100 D100M6    |
| 4.6                                                      | 3100                                                    | 199.31                | 60200                                                   | 2.5                                 | KS 100 D100M6      |
| 5.2                                                      | 2780                                                    | 178.64                | 60800                                                   | 2.8                                 | KSF 100 D100M6     |
| 3.3                                                      | 4310                                                    | 276.77                | 29900                                                   | 1.00                                | KSA 90 D100M6      |
| 3.6                                                      | 3950                                                    | 253.41                | 30900                                                   | 1.10                                | KSAF 90 D100M6     |
| 4.1                                                      | 3490                                                    | 223.88                | 32100                                                   | 1.25                                | KS 90 D100M6       |
| 4.8                                                      | 2960                                                    | 189.92                | 33400                                                   | 1.45                                | KSF 90 D100M6      |
| 5.3                                                      | 2720                                                    | 174.87                | 33900                                                   | 1.60                                |                    |
| 5.1                                                      | 2810                                                    | 276.77                | 33700                                                   | 1.55                                | KSA 90 D90L4       |
| 5.6                                                      | 2570                                                    | 253.41                | 34300                                                   | 1.65                                | KSAF 90 D90L4      |
| 6.3                                                      | 2270                                                    | 223.88                | 34900                                                   | 1.90                                | KS 90 D90L4        |
| 7.4                                                      | 1930                                                    | 189.92                | 35500                                                   | 2.2                                 | KSF 90 D90L4       |
| 8.1                                                      | 1780                                                    | 174.87                | 35800                                                   | 2.4                                 |                    |
| 5.2                                                      | 2750                                                    | 270.68                | 23900                                                   | 1.10                                | KSA 80 D90L4       |
| 5.5                                                      | 2590                                                    | 255.37                | 24500                                                   | 1.15                                | KSAF 80 D90L4      |
| 6.2                                                      | 2330                                                    | 228.93                | 24600                                                   | 1.30                                | KS 80 D90L4        |
| 7.2                                                      | 2000                                                    | 197.20                |                                                         | 1.50                                | KSF 80 D90L4       |
| 7.8                                                      | 1830                                                    | 179.97                | 26900                                                   | 1.65                                | KSA 80 D90L4       |
| 8.8                                                      | 1620                                                    | 159.61                | 27500                                                   | 1.85                                | KSAF 80 D90L4      |
| 11                                                       | 1360                                                    | 134.16                | 28200                                                   | 2.2                                 | KS 80 D90L4        |
| 13                                                       | 1110                                                    | 109.49                | 28700                                                   | 2.7                                 | KSF 80 D90L4       |
| 14                                                       | 990                                                     | 97.89                 | 29000                                                   | 3.0                                 |                    |
| 8.5                                                      | 1690                                                    | 166.47                | 14300                                                   | 0.90                                | KSA 70 D90L4       |
| 9.9                                                      | 1450                                                    | 142.27                | 16100                                                   | 1.05                                | KSAF 70 D90L4      |
| 11                                                       | 1320                                                    | 130.42                | 16800                                                   | 1.15                                | KS 70 D90L4        |
| 12                                                       | 1160                                                    | 114.45                | 17600                                                   | 1.30                                | KSF 70 D90L4       |
| 13                                                       | 1100                                                    | 108.46                | 17900                                                   | 1.35                                |                    |
| 15                                                       | 960                                                     | 94.93                 | 18400                                                   | 1.55                                |                    |
| 16                                                       | 870                                                     | 85.52                 | 18800                                                   | 1.75                                |                    |
| 19                                                       | 760                                                     | 75.02                 | 19100                                                   | 1.95                                | KSA 70 D90L4       |
| 19                                                       | 735                                                     | 72.50                 | 19200                                                   | 2.0                                 | KSAF 70 D90L4      |
| 21                                                       | 675                                                     | 66.46                 | 19300                                                   | 2.2                                 | KS 70 D90L4        |
| 24                                                       | 595                                                     | 58.32                 | 19500                                                   | 2.5                                 | KSF 70 D90L4       |
| 26                                                       | 560                                                     | 55.27                 | 19600                                                   | 2.7                                 |                    |
| 29                                                       | 490                                                     | 48.37                 | 19700                                                   | 3.0                                 |                    |
| 32                                                       | 445                                                     | 43.58                 | 19800                                                   | 3.4                                 |                    |
| 37                                                       | 390                                                     | 38.23                 | 19900                                                   | 3.9                                 |                    |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>fB | 机型号<br>Model        |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------|---------------------|
| 1.5kW                                                    |                                                         |                       |                                                         |                                     |                     |
| 39                                                       | 370                                                     | 36.58                 | 19900                                                   | 3.0                                 | KSA 70 D90L4        |
| 45                                                       | 320                                                     | 31.51                 | 20000                                                   | 4.3                                 | KSAF 70 D90L4       |
| 16                                                       | 920                                                     | 90.59                 | 9300                                                    | 0.90                                |                     |
| 18                                                       | 810                                                     | 79.76                 | 10400                                                   | 1.00                                |                     |
| 21                                                       | 685                                                     | 67.65                 | 11400                                                   | 1.20                                | KSA 60 D90L4        |
| 23                                                       | 620                                                     | 61.07                 | 11800                                                   | 1.30                                | KSAF 60 D90L4       |
| 26                                                       | 545                                                     | 53.73                 | 12200                                                   | 1.50                                | KS 60 D90L4         |
| 28                                                       | 515                                                     | 50.74                 | 12300                                                   | 1.60                                | KSF 60 D90L4        |
| 33                                                       | 440                                                     | 43.20                 | 12700                                                   | 1.85                                |                     |
| 36                                                       | 400                                                     | 39.26                 | 12800                                                   | 1.95                                |                     |
| 39                                                       | 370                                                     | 36.30                 | 12900                                                   | 2.2                                 | KSA 60 D90L4        |
| 44                                                       | 325                                                     | 32.08                 | 13000                                                   | 2.5                                 | KSAF 60 D90L4       |
| 51                                                       | 280                                                     | 27.41                 | 13000                                                   | 2.9                                 | KS 60 D90L4         |
| 56                                                       | 255                                                     | 25.13                 | 13000                                                   | 3.2                                 | KSF 60 D90L4        |
| 24                                                       | 600                                                     | 58.97                 | 9210                                                    | 1.00                                |                     |
| 28                                                       | 510                                                     | 50.10                 | 9860                                                    | 1.20                                | KSA 50 D90L4        |
| 32                                                       | 455                                                     | 44.73                 | 9990                                                    | 1.30                                | KSAF 50 D90L4       |
| 37                                                       | 390                                                     | 38.21                 | 9740                                                    | 1.55                                | KS 50 D90L4         |
| 39                                                       | 365                                                     | 35.79                 | 9620                                                    | 1.65                                | KSF 50 D90L4        |
| 47                                                       | 305                                                     | 30.15                 | 9310                                                    | 1.95                                |                     |
| 33                                                       | 435                                                     | 42.86                 | 5750                                                    | 0.90                                | KSA 40 D90L4        |
| 39                                                       | 370                                                     | 36.61                 | 6300                                                    | 1.10                                | KSAF 40 D90L4       |
| 41                                                       | 350                                                     | 34.29                 | 6580                                                    | 1.15                                | KS 40 D90L4         |
| 49                                                       | 295                                                     | 28.88                 | 6500                                                    | 1.35                                | KSF 40 D90L4        |
| 46                                                       | 315                                                     | 30.86                 | 6550                                                    | 1.30                                |                     |
| 48                                                       | 300                                                     | 29.32                 | 6510                                                    | 1.35                                |                     |
| 55                                                       | 260                                                     | 25.72                 | 6390                                                    | 1.55                                | KSA 40 D90L4        |
| 65                                                       | 220                                                     | 21.82                 | 6230                                                    | 1.80                                | KSAF 40 D90L4       |
| 72                                                       | 200                                                     | 19.70                 | 6110                                                    | 2.0                                 | KS 40 D90L4         |
| 81                                                       | 176                                                     | 17.33                 | 5970                                                    | 2.3                                 | KSF 40 D90L4        |
| 86                                                       | 166                                                     | 16.36                 | 5900                                                    | 2.4                                 |                     |
| 101                                                      | 142                                                     | 13.93                 | 5700                                                    | 2.8                                 |                     |
| 69                                                       | 210                                                     | 20.57                 | 3410                                                    | 0.95                                |                     |
| 73                                                       | 196                                                     | 19.27                 | 3410                                                    | 1.00                                |                     |
| 83                                                       | 173                                                     | 17.03                 | 3400                                                    | 1.15                                |                     |
| 98                                                       | 146                                                     | 14.33                 | 3350                                                    | 1.35                                |                     |
| 110                                                      | 131                                                     | 12.87                 | 3310                                                    | 1.55                                |                     |
| 127                                                      | 113                                                     | 11.08                 | 3250                                                    | 1.70                                | KSA 30 D90L4        |
| 135                                                      | 106                                                     | 10.42                 | 3220                                                    | 1.75                                | KSAF 30 D90L4       |
| 157                                                      | 91                                                      | 8.97                  | 3140                                                    | 1.90                                | KS 30 D90L4         |
| 176                                                      | 81                                                      | 8.01                  | 3080                                                    | 2.1                                 | KSF 30 D90L4        |
| 209                                                      | 69                                                      | 6.74                  | 2920                                                    | 2.0                                 |                     |
| 233                                                      | 62                                                      | 6.05                  | 2850                                                    | 2.2                                 |                     |
| 271                                                      | 53                                                      | 5.21                  | 2770                                                    | 2.4                                 |                     |
| 288                                                      | 50                                                      | 4.90                  | 2730                                                    | 2.4                                 |                     |
| 334                                                      | 43                                                      | 4.22                  | 2640                                                    | 2.6                                 |                     |
| 374                                                      | 38                                                      | 3.77                  | 2570                                                    | 2.7                                 |                     |
| 2.2kW                                                    |                                                         |                       |                                                         |                                     |                     |
| 0.98                                                     | 18900                                                   | 1441                  | 97500                                                   | 0.95                                | KSA 150 H90 D100M4  |
|                                                          |                                                         |                       |                                                         |                                     | KSAF 150 H90 D100M4 |
|                                                          |                                                         |                       |                                                         |                                     | KS 150 H90 D100M4   |
|                                                          |                                                         |                       |                                                         |                                     | KSF 150 H90 D100M4  |
| 1.1                                                      | 17600                                                   | 1308                  | 101400                                                  | 1.00                                |                     |
| 1.2                                                      | 15700                                                   | 1169                  | 106500                                                  | 1.15                                |                     |
| 1.5                                                      | 12700                                                   | 953                   | 112800                                                  | 1.40                                |                     |
| 1.7                                                      | 11200                                                   | 845                   | 115400                                                  | 1.60                                |                     |
| 1.9                                                      | 10100                                                   | 764                   | 117100                                                  | 1.80                                | KSA 150 H90 D100M4  |
| 2.1                                                      | 9020                                                    | 680                   | 118600                                                  | 2.0                                 | KSAF 150 H90 D100M4 |
| 2.5                                                      | 7610                                                    | 576                   | 120000                                                  | 2.4                                 | KS 150 H90 D100M4   |
| 3.2                                                      | 5940                                                    | 446                   | 120000                                                  | 3.0                                 | KSF 150 H90 D100M4  |
| 4.7                                                      | 4020                                                    | 302                   | 120000                                                  | 4.5                                 |                     |
| 5.2                                                      | 3630                                                    | 273                   | 120000                                                  | 5.0                                 |                     |
| 6.1                                                      | 3060                                                    | 232                   | 120000                                                  | 5.9                                 |                     |
| 7.2                                                      | 2590                                                    | 197                   | 120000                                                  | 6.9                                 |                     |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model |                |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------|----------------|
| 2.2kW                                                    |                                                         |                       |                                                         |                                                 |              |                |
| 1.3                                                      | 14600                                                   | 1077                  | 85300                                                   | 0.80                                            |              |                |
| 1.5                                                      | 12600                                                   | 930                   | 89300                                                   | 0.95                                            |              |                |
| 1.7                                                      | 11100                                                   | 820                   | 90000                                                   | 1.10                                            | KSA          | 120 H70 D100M4 |
| 1.9                                                      | 9830                                                    | 727                   | 90000                                                   | 1.20                                            | KSAF         | 120 H70 D100M4 |
| 2.2                                                      | 8810                                                    | 648                   | 90000                                                   | 1.35                                            | KS           | 120 H70 D100M4 |
| 2.6                                                      | 7460                                                    | 549                   | 90000                                                   | 1.60                                            | KSF          | 120 H70 D100M4 |
| 2.8                                                      | 6720                                                    | 495                   | 90000                                                   | 1.80                                            |              |                |
| 3.3                                                      | 5810                                                    | 428                   | 90000                                                   | 2.1                                             |              |                |
|                                                          |                                                         |                       |                                                         |                                                 |              |                |
| 2.2                                                      | 8700                                                    | 640                   | 47000                                                   | 0.90                                            |              |                |
| 2.5                                                      | 7580                                                    | 560                   | 50100                                                   | 1.00                                            | KSA          | 100 H70 D100M4 |
| 2.9                                                      | 6610                                                    | 489                   | 52500                                                   | 1.15                                            | KSAF         | 100 H70 D100M4 |
| 3.2                                                      | 5930                                                    | 436                   | 54200                                                   | 1.30                                            | KS           | 100 H70 D100M4 |
| 3.8                                                      | 5030                                                    | 370                   | 56300                                                   | 1.55                                            | KSF          | 100 H70 D100M4 |
| 4.2                                                      | 4520                                                    | 333                   | 57300                                                   | 1.70                                            |              |                |
|                                                          |                                                         |                       |                                                         |                                                 |              |                |
| 3.9                                                      | 4940                                                    | 363                   | 16500                                                   | 0.85                                            | KSA          | 90 H50 D100M4  |
| 4.9                                                      | 3890                                                    | 285                   | 31100                                                   | 1.10                                            | KSAF         | 90 H50 D100M4  |
| 5.8                                                      | 3340                                                    | 245                   | 32500                                                   | 1.30                                            | KS           | 90 H50 D100M4  |
|                                                          |                                                         |                       |                                                         |                                                 |              |                |
| 2.8                                                      | 7640                                                    | 254.40                | 49900                                                   | 1.00                                            | KSA          | 100 D132S8     |
| 3.2                                                      | 6460                                                    | 215.37                | 52900                                                   | 1.20                                            | KSAF         | 100 D132S8     |
| 3.5                                                      | 5980                                                    | 199.31                | 54100                                                   | 1.30                                            | KS           | 100 D132S8     |
| 3.9                                                      | 5360                                                    | 178.64                | 55500                                                   | 1.45                                            | KSF          | 100 D132S8     |
|                                                          |                                                         |                       |                                                         |                                                 |              |                |
| 3.7                                                      | 5690                                                    | 254.40                | 54800                                                   | 1.35                                            | KSA          | 100 D112M6     |
| 4.4                                                      | 4810                                                    | 215.37                | 56700                                                   | 1.60                                            | KSAF         | 100 D112M6     |
| 4.7                                                      | 4450                                                    | 199.31                | 57500                                                   | 1.70                                            | KS           | 100 D112M6     |
| 5.3                                                      | 3990                                                    | 178.64                | 58400                                                   | 1.90                                            | KSF          | 100 D112M6     |
|                                                          |                                                         |                       |                                                         |                                                 |              |                |
| 5.5                                                      | 3790                                                    | 254.40                | 58900                                                   | 2.0                                             | KSA          | 100 D100M4     |
| 6.6                                                      | 3210                                                    | 215.37                | 60000                                                   | 2.4                                             | KSAF         | 100 D100M4     |
| 7.1                                                      | 2970                                                    | 199.31                | 60400                                                   | 2.6                                             | KS           | 100 D100M4     |
| 7.9                                                      | 2660                                                    | 178.64                | 61000                                                   | 2.9                                             | KSF          | 100 D100M4     |
|                                                          |                                                         |                       |                                                         |                                                 |              |                |
| 4.2                                                      | 5000                                                    | 223.88                | 12400                                                   | 0.85                                            | KSA          | 90 D112M6      |
| 4.9                                                      | 4240                                                    | 189.92                | 30100                                                   | 1.00                                            | KSAF         | 90 D112M6      |
| 5.4                                                      | 3910                                                    | 174.87                | 31000                                                   | 1.10                                            | KS           | 90 D112M6      |
| 6.0                                                      | 3490                                                    | 156.30                | 32100                                                   | 1.25                                            | KSF          | 90 D112M6      |
|                                                          |                                                         |                       |                                                         |                                                 |              |                |
| 5.1                                                      | 4120                                                    | 276.77                | 30400                                                   | 1.05                                            |              |                |
| 5.6                                                      | 3780                                                    | 253.41                | 31400                                                   | 1.15                                            |              |                |
| 6.3                                                      | 3340                                                    | 223.88                | 32500                                                   | 1.30                                            | KSA          | 90 D100M4      |
| 7.4                                                      | 2830                                                    | 189.92                | 33700                                                   | 1.50                                            | KSAF         | 90 D100M4      |
| 8.1                                                      | 2610                                                    | 174.87                | 34200                                                   | 1.65                                            | KS           | 90 D100M4      |
| 9.0                                                      | 2330                                                    | 156.30                | 34800                                                   | 1.85                                            | KSF          | 90 D100M4      |
| 10                                                       | 2100                                                    | 140.71                | 35200                                                   | 2.0                                             |              |                |
| 11                                                       | 1900                                                    | 127.42                | 35600                                                   | 2.3                                             |              |                |
|                                                          |                                                         |                       |                                                         |                                                 |              |                |
| 7.2                                                      | 2940                                                    | 197.20                | 22000                                                   | 1.00                                            | KSA          | 80 D100M4      |
| 7.8                                                      | 2680                                                    | 179.97                | 24200                                                   | 1.10                                            | KSAF         | 80 D100M4      |
| 8.8                                                      | 2380                                                    | 159.61                | 25200                                                   | 1.25                                            | KS           | 80 D100M4      |
| 11                                                       | 2000                                                    | 134.16                | 26400                                                   | 1.50                                            | KSF          | 80 D100M4      |
|                                                          |                                                         |                       |                                                         |                                                 |              |                |
| 11                                                       | 1840                                                    | 123.29                | 26900                                                   | 1.65                                            |              |                |
| 13                                                       | 1630                                                    | 109.49                | 27500                                                   | 1.85                                            |              |                |
| 14                                                       | 1460                                                    | 97.89                 | 27900                                                   | 2.1                                             | KSA          | 80 D100M4      |
| 16                                                       | 1310                                                    | 88.01                 | 28300                                                   | 2.3                                             | KSAF         | 80 D100M4      |
| 18                                                       | 1140                                                    | 76.39                 | 27800                                                   | 2.6                                             | KS           | 80 D100M4      |
| 21                                                       | 1020                                                    | 68.40                 | 27100                                                   | 2.9                                             | KSF          | 80 D100M4      |
| 25                                                       | 850                                                     | 56.75                 | 25900                                                   | 3.5                                             |              |                |
| 28                                                       | 750                                                     | 50.36                 | 25200                                                   | 3.9                                             |              |                |
| 31                                                       | 675                                                     | 45.28                 | 24500                                                   | 4.2                                             |              |                |
|                                                          |                                                         |                       |                                                         |                                                 |              |                |
| 12                                                       | 1710                                                    | 114.45                | 14200                                                   | 0.90                                            | KSA          | 70 D100M4      |
| 13                                                       | 1620                                                    | 108.46                | 14900                                                   | 0.95                                            | KSAF         | 70 D100M4      |
| 15                                                       | 1410                                                    | 94.93                 | 16300                                                   | 1.05                                            | KS           | 70 D100M4      |
| 16                                                       | 1270                                                    | 85.52                 | 17100                                                   | 1.20                                            | KSF          | 70 D100M4      |
|                                                          |                                                         |                       |                                                         |                                                 |              |                |
| 19                                                       | 1120                                                    | 75.02                 | 17800                                                   | 1.35                                            |              |                |
| 21                                                       | 990                                                     | 66.46                 | 18300                                                   | 1.50                                            | KSA          | 70 D100M4      |
| 24                                                       | 870                                                     | 58.32                 | 18800                                                   | 1.75                                            | KSAF         | 70 D100M4      |
| 26                                                       | 820                                                     | 55.27                 | 18900                                                   | 1.80                                            | KS           | 70 D100M4      |
| 29                                                       | 720                                                     | 48.37                 | 19200                                                   | 2.1                                             | KSF          | 70 D100M4      |
| 32                                                       | 650                                                     | 43.58                 | 19400                                                   | 2.3                                             |              |                |



| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model           |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|------------------------|
| <b>3.0kW</b>                                             |                                                         |                       |                                                         |                                                 |                        |
| 3.7                                                      | 7750                                                    | 245.40                | 49600                                                   | 1.00                                            | <b>KSA 100 D132S6</b>  |
| 4.4                                                      | 6560                                                    | 215.37                | 52700                                                   | 1.15                                            | <b>KSAF 100 D132S6</b> |
| 4.7                                                      | 6070                                                    | 199.31                | 53900                                                   | 1.25                                            | <b>KS 100 D132S6</b>   |
| 5.3                                                      | 5440                                                    | 178.64                | 55300                                                   | 1.40                                            | <b>KSF 100 D132S6</b>  |
| 5.5                                                      | 5210                                                    | 254.40                | 55900                                                   | 1.50                                            | <b>KSA 100 D100L4</b>  |
| 6.5                                                      | 4410                                                    | 215.37                | 57600                                                   | 1.75                                            | <b>KSAF 100 D100L4</b> |
| 7.0                                                      | 4080                                                    | 199.31                | 58300                                                   | 1.90                                            | <b>KS 100 D100L4</b>   |
| 7.8                                                      | 3660                                                    | 178.64                | 59100                                                   | 2.1                                             | <b>KSF 100 D100L4</b>  |
| 8.7                                                      | 3300                                                    | 161.28                | 59800                                                   | 2.3                                             | <b>KSF 100 D100L4</b>  |
| 6.2                                                      | 4580                                                    | 223.88                | 29000                                                   | 0.95                                            | <b>KSA 90 D100L4</b>   |
| 7.4                                                      | 3890                                                    | 189.92                | 31100                                                   | 1.10                                            | <b>KSAF 90 D100L4</b>  |
| 8.0                                                      | 3580                                                    | 174.87                | 31900                                                   | 1.20                                            | <b>KS 90 D100L4</b>    |
|                                                          |                                                         |                       |                                                         |                                                 | <b>KSF 90 D100L4</b>   |
| 9.0                                                      | 3200                                                    | 156.30                | 32800                                                   | 1.35                                            | <b>KSA 90 D100L4</b>   |
| 9.9                                                      | 2880                                                    | 140.71                | 33600                                                   | 1.50                                            | <b>KSAF 90 D100L4</b>  |
| 11                                                       | 2610                                                    | 127.42                | 34200                                                   | 1.65                                            | <b>KS 90 D100L4</b>    |
| 12                                                       | 2310                                                    | 112.99                | 34800                                                   | 1.85                                            | <b>KSF 90 D100L4</b>   |
| 14                                                       | 2090                                                    | 102.16                | 35200                                                   | 2.1                                             | <b>KSF 90 D100L4</b>   |
| 16                                                       | 1840                                                    | 89.85                 | 35700                                                   | 2.3                                             | <b>KSF 90 D100L4</b>   |
| 10                                                       | 2750                                                    | 134.16                | 23900                                                   | 1.10                                            | <b>KSA 80 D100L4</b>   |
| 11                                                       | 2520                                                    | 123.29                | 24700                                                   | 1.20                                            | <b>KSAF 80 D100L4</b>  |
| 13                                                       | 2240                                                    | 109.49                | 25700                                                   | 1.35                                            | <b>KS 80 D100L4</b>    |
|                                                          |                                                         |                       |                                                         |                                                 | <b>KSF 80 D100L4</b>   |
| 14                                                       | 2000                                                    | 97.89                 | 26400                                                   | 1.50                                            | <b>KSA 80 D100L4</b>   |
| 16                                                       | 1800                                                    | 88.01                 | 26900                                                   | 1.65                                            | <b>KSAF 80 D100L4</b>  |
| 18                                                       | 1560                                                    | 76.39                 | 26300                                                   | 1.90                                            | <b>KS 80 D100L4</b>    |
| 20                                                       | 1400                                                    | 68.40                 | 25700                                                   | 2.1                                             | <b>KS 80 D100L4</b>    |
| 25                                                       | 1160                                                    | 56.75                 | 24800                                                   | 2.6                                             | <b>KSF 80 D100L4</b>   |
| 28                                                       | 1030                                                    | 50.36                 | 24100                                                   | 2.8                                             | <b>KSF 80 D100L4</b>   |
| 16                                                       | 1750                                                    | 85.52                 | 13800                                                   | 0.85                                            | <b>KSA 70 D100L4</b>   |
| 19                                                       | 1540                                                    | 75.02                 | 15500                                                   | 1.00                                            | <b>KSAF 70 D100L4</b>  |
| 21                                                       | 1360                                                    | 66.46                 | 16600                                                   | 1.10                                            | <b>KS 70 D100L4</b>    |
| 24                                                       | 1190                                                    | 58.32                 | 17500                                                   | 1.25                                            | <b>KSF 70 D100L4</b>   |
| 25                                                       | 1130                                                    | 55.27                 | 17800                                                   | 1.35                                            | <b>KSA 70 D100L4</b>   |
| 29                                                       | 990                                                     | 48.37                 | 18300                                                   | 1.50                                            | <b>KSAF 70 D100L4</b>  |
| 32                                                       | 890                                                     | 43.58                 | 18700                                                   | 1.70                                            | <b>KS 70 D100L4</b>    |
| 37                                                       | 780                                                     | 38.23                 | 19000                                                   | 1.90                                            | <b>KSF 70 D100L4</b>   |
| 38                                                       | 750                                                     | 36.58                 | 19100                                                   | 1.50                                            | <b>KSA 70 D100L4</b>   |
| 44                                                       | 645                                                     | 31.51                 | 19400                                                   | 2.1                                             | <b>KSAF 70 D100L4</b>  |
| 49                                                       | 590                                                     | 28.75                 | 19500                                                   | 2.4                                             | <b>KS 70 D100L4</b>    |
| 55                                                       | 520                                                     | 25.50                 | 19700                                                   | 2.9                                             | <b>KSF 70 D100L4</b>   |
| 65                                                       | 440                                                     | 21.43                 | 19800                                                   | 3.4                                             | <b>KSF 70 D100L4</b>   |
| 32                                                       | 880                                                     | 43.20                 | 9690                                                    | 0.95                                            | <b>KSA 60 D100L4</b>   |
| 36                                                       | 800                                                     | 39.26                 | 10500                                                   | 0.95                                            | <b>KSAF 60 D100L4</b>  |
| 41                                                       | 695                                                     | 34.01                 | 11300                                                   | 1.05                                            | <b>KS 60 D100L4</b>    |
|                                                          |                                                         |                       |                                                         |                                                 | <b>KSF 60 D100L4</b>   |
| 44                                                       | 655                                                     | 32.08                 | 11600                                                   | 1.25                                            | <b>KSA 60 D100L4</b>   |
| 51                                                       | 560                                                     | 27.41                 | 12100                                                   | 1.45                                            | <b>KSAF 60 D100L4</b>  |
| 56                                                       | 515                                                     | 25.13                 | 12300                                                   | 1.60                                            | <b>KS 60 D100L4</b>    |
| 63                                                       | 450                                                     | 22.05                 | 12600                                                   | 1.80                                            | <b>KS 60 D100L4</b>    |
| 67                                                       | 430                                                     | 20.90                 | 12700                                                   | 1.90                                            | <b>KS 60 D100L4</b>    |
| 77                                                       | 375                                                     | 18.29                 | 12900                                                   | 2.2                                             | <b>KSF 60 D100L4</b>   |
| 85                                                       | 335                                                     | 16.48                 | 13000                                                   | 2.4                                             | <b>KSF 60 D100L4</b>   |
| 97                                                       | 295                                                     | 14.46                 | 13000                                                   | 2.8                                             | <b>KSF 60 D100L4</b>   |
| 56                                                       | 510                                                     | 24.96                 | 7440                                                    | 1.15                                            | <b>KSA 50 D100L4</b>   |
| 66                                                       | 435                                                     | 21.17                 | 7340                                                    | 1.40                                            | <b>KSAF 50 D100L4</b>  |
| 73                                                       | 390                                                     | 19.11                 | 7260                                                    | 1.55                                            | <b>KS 50 D100L4</b>    |
| 83                                                       | 345                                                     | 16.81                 | 7140                                                    | 1.75                                            | <b>KSAF 50 D100L4</b>  |
| 88                                                       | 325                                                     | 15.88                 | 7080                                                    | 1.85                                            | <b>KS 50 D100L4</b>    |
| 104                                                      | 275                                                     | 13.52                 | 6890                                                    | 2.2                                             | <b>KSF 50 D100L4</b>   |
| 114                                                      | 250                                                     | 12.29                 | 6780                                                    | 2.4                                             | <b>KSF 50 D100L4</b>   |
| 132                                                      | 220                                                     | 10.64                 | 6590                                                    | 2.8                                             | <b>KSF 50 D100L4</b>   |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model               |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|----------------------------|
| <b>3.0kW</b>                                             |                                                         |                       |                                                         |                                                 |                            |
| 71                                                       | 405                                                     | 19.70                 | 4750                                                    | 1.00                                            | <b>KSA 40 D100L4</b>       |
| 81                                                       | 355                                                     | 17.33                 | 4760                                                    | 1.15                                            | <b>KSAF 40 D100L4</b>      |
| 86                                                       | 335                                                     | 16.36                 | 4760                                                    | 1.20                                            | <b>KS 40 D100L4</b>        |
| 100                                                      | 285                                                     | 13.93                 | 4740                                                    | 1.40                                            | <b>KS 40 D100L4</b>        |
| 111                                                      | 260                                                     | 12.66                 | 4700                                                    | 1.55                                            | <b>KSF 40 D100L4</b>       |
| 128                                                      | 225                                                     | 10.97                 | 4640                                                    | 1.80                                            | <b>KSF 40 D100L4</b>       |
| 156                                                      | 183                                                     | 8.96                  | 4370                                                    | 1.80                                            | <b>KSF 40 D100L4</b>       |
| 126                                                      | 225                                                     | 11.08                 | 2320                                                    | 0.85                                            | <b>KSA 30 D100L4</b>       |
| 134                                                      | 215                                                     | 10.42                 | 2350                                                    | 0.85                                            | <b>KSAF 30 D100L4</b>      |
| 156                                                      | 184                                                     | 8.97                  | 2390                                                    | 0.95                                            | <b>KS 30 D100L4</b>        |
| 175                                                      | 164                                                     | 8.01                  | 2410                                                    | 1.05                                            | <b>KS 30 D100L4</b>        |
| 208                                                      | 138                                                     | 6.74                  | 2290                                                    | 1.00                                            | <b>KSAF 30 D100L4</b>      |
| 231                                                      | 124                                                     | 6.05                  | 2300                                                    | 1.10                                            | <b>KS 30 D100L4</b>        |
| 269                                                      | 107                                                     | 5.21                  | 2290                                                    | 1.15                                            | <b>KSF 30 D100L4</b>       |
| 286                                                      | 100                                                     | 4.90                  | 2280                                                    | 1.20                                            | <b>KSF 30 D100L4</b>       |
| 332                                                      | 86                                                      | 4.22                  | 2250                                                    | 1.25                                            | <b>KSF 30 D100L4</b>       |
| 372                                                      | 77                                                      | 3.77                  | 2220                                                    | 1.35                                            | <b>KSF 30 D100L4</b>       |
| <b>4.0kW</b>                                             |                                                         |                       |                                                         |                                                 |                            |
| 1.7                                                      | 20600                                                   | 845                   | 91500                                                   | 0.85                                            | <b>KSA 150 H90 D112M4</b>  |
| 1.9                                                      | 18600                                                   | 764                   | 98300                                                   | 0.95                                            | <b>KSAF 150 H90 D112M4</b> |
| 2.1                                                      | 16600                                                   | 680                   | 104200                                                  | 1.10                                            | <b>KS 150 H90 D112M4</b>   |
| 2.5                                                      | 14000                                                   | 576                   | 110300                                                  | 1.30                                            | <b>KSAF 150 H90 D112M4</b> |
| 3.2                                                      | 10900                                                   | 446                   | 115900                                                  | 1.65                                            | <b>KS 150 H90 D112M4</b>   |
| 4.7                                                      | 7390                                                    | 302                   | 120000                                                  | 2.4                                             | <b>KSF 150 H90 D112M4</b>  |
| 5.2                                                      | 6670                                                    | 273                   | 120000                                                  | 2.7                                             | <b>KSF 150 H90 D112M4</b>  |
| 6.1                                                      | 5640                                                    | 232                   | 120000                                                  | 3.2                                             | <b>KSF 150 H90 D112M4</b>  |
| 7.2                                                      | 4780                                                    | 197                   | 120000                                                  | 3.8                                             | <b>KSF 150 H90 D112M4</b>  |
| 2.6                                                      | 13600                                                   | 549                   | 87400                                                   | 0.90                                            | <b>KSA 120 H70 D112M4</b>  |
| 2.9                                                      | 12200                                                   | 495                   | 90000                                                   | 1.00                                            | <b>KSAF 120 H70 D112M4</b> |
| 3.3                                                      | 10600                                                   | 428                   | 90000                                                   | 1.15                                            | <b>KS 120 H70 D112M4</b>   |
| 3.8                                                      | 9270                                                    | 376                   | 90000                                                   | 1.30                                            | <b>KSF 120 H70 D112M4</b>  |
| 4.3                                                      | 8230                                                    | 333                   | 48300                                                   | 0.95                                            | <b>KSA 100 H70 D112M4</b>  |
| 4.9                                                      | 7190                                                    | 291                   | 51100                                                   | 1.05                                            | <b>KSAF 100 H70 D112M4</b> |
| 5.6                                                      | 6310                                                    | 255                   | 53300                                                   | 1.20                                            | <b>KS 100 H70 D112M4</b>   |
|                                                          |                                                         |                       |                                                         |                                                 | <b>KSF 100 H70 D112M4</b>  |
| 4.2                                                      | 9060                                                    | 170.83                | 90000                                                   | 1.30                                            | <b>KSA 120 D132ML8</b>     |
| 4.7                                                      | 8150                                                    | 153.67                | 90000                                                   | 1.45                                            | <b>KSAF 120 D132ML8</b>    |
| 5.7                                                      | 6650                                                    | 125.37                | 90000                                                   | 1.80                                            | <b>KS 120 D132ML8</b>      |
|                                                          |                                                         |                       |                                                         |                                                 | <b>KSF 120 D132ML8</b>     |
| 5.6                                                      | 6840                                                    | 254.40                | 52000                                                   | 1.10                                            | <b>KSA 100 D112M4</b>      |
| 6.6                                                      | 5790                                                    | 215.37                | 54500                                                   | 1.35                                            | <b>KSAF 100 D112M4</b>     |
| 7.1                                                      | 5360                                                    | 199.31                | 55500                                                   | 1.45                                            | <b>KS 100 D112M4</b>       |
| 7.9                                                      | 4810                                                    | 178.64                | 56700                                                   | 1.60                                            | <b>KSAF 100 D112M4</b>     |
| 8.8                                                      | 4340                                                    | 161.28                | 57700                                                   | 1.75                                            | <b>KS 100 D112M4</b>       |
| 9.7                                                      | 3940                                                    | 146.49                | 58500                                                   | 1.95                                            | <b>KSF 100 D112M4</b>      |
| 11                                                       | 3500                                                    | 129.97                | 59400                                                   | 2.2                                             | <b>KSF 100 D112M4</b>      |
| 12                                                       | 3170                                                    | 117.94                | 60100                                                   | 2.4                                             | <b>KSF 100 D112M4</b>      |
| 14                                                       | 2730                                                    | 101.38                | 60900                                                   | 2.8                                             | <b>KSF 100 D112M4</b>      |
| 8.1                                                      | 4700                                                    | 174.87                | 26600                                                   | 0.90                                            | <b>KSA 90 D112M4</b>       |
| 9.1                                                      | 4200                                                    | 156.30                | 30200                                                   | 1.00                                            | <b>KSAF 90 D112M4</b>      |
| 10                                                       | 3780                                                    | 140.71                | 31400                                                   | 1.15                                            | <b>KS 90 D112M4</b>        |
| 11                                                       | 3430                                                    | 127.42                | 32300                                                   | 1.25                                            | <b>KSF 90 D112M4</b>       |
| 13                                                       | 3040                                                    | 112.99                | 33200                                                   | 1.40                                            | <b>KSA 90 D112M4</b>       |
| 14                                                       | 2750                                                    | 102.16                | 33900                                                   | 1.55                                            | <b>KSAF 90 D112M4</b>      |
| 15                                                       | 2620                                                    | 97.58                 | 34100                                                   | 1.65                                            | <b>KS 90 D112M4</b>        |
| 16                                                       | 2420                                                    | 89.85                 | 34600                                                   | 1.80                                            | <b>KS 90 D112M4</b>        |
| 18                                                       | 2160                                                    | 80.31                 | 35100                                                   | 2.0                                             | <b>KSF 90 D112M4</b>       |
| 20                                                       | 1940                                                    | 72.29                 | 35500                                                   | 2.2                                             | <b>KSF 90 D112M4</b>       |
| 22                                                       | 1760                                                    | 65.47                 | 35800                                                   | 2.4                                             | <b>KSF 90 D112M4</b>       |
| 13                                                       | 2950                                                    | 109.49                | 21700                                                   | 1.00                                            | <b>KSA 80 D112M4</b>       |
| 15                                                       | 2630                                                    | 97.89                 | 24300                                                   | 1.15                                            | <b>KSAF 80 D112M4</b>      |
| 16                                                       | 2370                                                    | 88.01                 | 24600                                                   | 1.25                                            | <b>KS 80 D112M4</b>        |
|                                                          |                                                         |                       |                                                         |                                                 | <b>KSF 80 D112M4</b>       |
| 19                                                       | 2050                                                    | 76.39                 | 24200                                                   | 1.45                                            | <b>KSA 80 D112M4</b>       |
| 21                                                       | 1840                                                    | 68.40                 | 23900                                                   | 1.65                                            | <b>KSAF 80 D112M4</b>      |
| 25                                                       | 1530                                                    | 56.75                 | 23200                                                   | 1.95                                            | <b>KS 80 D112M4</b>        |
| 28                                                       | 1350                                                    | 50.36                 | 22800                                                   | 2.2                                             | <b>KSF 80 D112M4</b>       |
| 31                                                       | 1220                                                    | 45.28                 | 22300                                                   | 2.3                                             | <b>KSF 80 D112M4</b>       |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model |         |        |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------|---------|--------|
| 4.0kW                                                    |                                                         |                       |                                                         |                                                 |              |         |        |
| 21                                                       | 1790                                                    | 66.46                 | 13400                                                   | 0.85                                            | KSA          | 70      | D112M4 |
| 24                                                       | 1570                                                    | 58.32                 | 15200                                                   | 0.95                                            | KSAF         | 70      | D112M4 |
| 26                                                       | 1490                                                    | 55.27                 | 15800                                                   | 1.00                                            | KS           | 70      | D112M4 |
| 29                                                       | 1300                                                    | 48.37                 | 16900                                                   | 1.15                                            | KSF          | 70      | D112M4 |
| 33                                                       | 1170                                                    | 43.58                 | 17600                                                   | 1.30                                            | KSA          | 70      | D112M4 |
| 37                                                       | 1030                                                    | 38.23                 | 18200                                                   | 1.45                                            | KSAF         | 70      | D112M4 |
| 42                                                       | 910                                                     | 33.74                 | 18600                                                   | 1.65                                            | KS           | 70      | D112M4 |
| 47                                                       | 800                                                     | 29.91                 | 19000                                                   | 1.85                                            | KSF          | 70      | D112M4 |
| 56                                                       | 685                                                     | 25.54                 | 19300                                                   | 2.1                                             |              |         |        |
| 45                                                       | 850                                                     | 31.51                 | 18800                                                   | 1.65                                            | KSA          | 70      | D112M4 |
| 49                                                       | 775                                                     | 28.75                 | 19100                                                   | 1.85                                            | KSAF         | 70      | D112M4 |
| 56                                                       | 685                                                     | 25.50                 | 19300                                                   | 2.2                                             | KS           | 70      | D112M4 |
| 66                                                       | 575                                                     | 21.43                 | 19500                                                   | 2.6                                             | KSF          | 70      | D112M4 |
| 72                                                       | 530                                                     | 19.70                 | 19600                                                   | 2.8                                             |              |         |        |
| 52                                                       | 735                                                     | 27.41                 | 11000                                                   | 1.10                                            |              |         |        |
| 57                                                       | 675                                                     | 25.13                 | 11400                                                   | 1.20                                            |              |         |        |
| 64                                                       | 595                                                     | 22.05                 | 11900                                                   | 1.40                                            |              |         |        |
| 68                                                       | 560                                                     | 20.90                 | 12100                                                   | 1.45                                            |              |         |        |
| 78                                                       | 490                                                     | 18.29                 | 12400                                                   | 1.65                                            |              |         |        |
| 86                                                       | 445                                                     | 16.48                 | 12700                                                   | 1.85                                            |              |         |        |
| 98                                                       | 390                                                     | 14.46                 | 12900                                                   | 2.1                                             |              |         |        |
| 111                                                      | 345                                                     | 12.76                 | 13000                                                   | 2.4                                             | KSA          | 60      | D112M4 |
| 126                                                      | 305                                                     | 11.31                 | 13000                                                   | 2.7                                             | KSAF         | 60      | D112M4 |
| 147                                                      | 260                                                     | 9.66                  | 13000                                                   | 3.2                                             | KS           | 60      | D112M4 |
| 156                                                      | 245                                                     | 9.08                  | 13000                                                   | 2.2                                             | KSF          | 60      | D112M4 |
| 165                                                      | 230                                                     | 8.60                  | 12800                                                   | 2.5                                             |              |         |        |
| 189                                                      | 205                                                     | 7.53                  | 12400                                                   | 3.0                                             |              |         |        |
| 209                                                      | 183                                                     | 6.78                  | 12100                                                   | 3.4                                             |              |         |        |
| 239                                                      | 160                                                     | 5.95                  | 11700                                                   | 3.8                                             |              |         |        |
| 270                                                      | 141                                                     | 5.25                  | 11400                                                   | 4.2                                             |              |         |        |
| 305                                                      | 125                                                     | 4.66                  | 11000                                                   | 4.5                                             |              |         |        |
| 357                                                      | 107                                                     | 3.97                  | 10600                                                   | 4.7                                             |              |         |        |
| 67                                                       | 570                                                     | 21.17                 | 6490                                                    | 1.05                                            |              |         |        |
| 74                                                       | 515                                                     | 19.11                 | 6490                                                    | 1.15                                            |              |         |        |
| 84                                                       | 450                                                     | 16.81                 | 6450                                                    | 1.35                                            |              |         |        |
| 89                                                       | 425                                                     | 15.88                 | 6430                                                    | 1.40                                            |              |         |        |
| 105                                                      | 365                                                     | 13.52                 | 6340                                                    | 1.65                                            | KSA          | 50      | D112M4 |
| 116                                                      | 330                                                     | 12.29                 | 6270                                                    | 1.80                                            | KSAF         | 50      | D112M4 |
| 133                                                      | 285                                                     | 10.64                 | 6150                                                    | 2.1                                             | KS           | 50      | D112M4 |
| 153                                                      | 250                                                     | 9.31                  | 5850                                                    | 2.70                                            | KSF          | 50      | D112M4 |
| 173                                                      | 220                                                     | 8.19                  | 5730                                                    | 1.90                                            |              |         |        |
| 184                                                      | 210                                                     | 7.73                  | 5680                                                    | 2.0                                             |              |         |        |
| 216                                                      | 177                                                     | 6.58                  | 5510                                                    | 2.4                                             |              |         |        |
| 237                                                      | 161                                                     | 5.98                  | 5410                                                    | 2.6                                             |              |         |        |
| 274                                                      | 139                                                     | 5.18                  | 5250                                                    | 3.0                                             |              |         |        |
| 5.5kW                                                    |                                                         |                       |                                                         |                                                 |              |         |        |
| 2.5                                                      | 19300                                                   | 576                   | 96300                                                   | 0.95                                            |              |         |        |
| 2.8                                                      | 16800                                                   | 503                   | 103600                                                  | 1.05                                            |              |         |        |
| 3.2                                                      | 15000                                                   | 446                   | 108200                                                  | 1.20                                            |              |         |        |
| 4.1                                                      | 11800                                                   | 353                   | 114500                                                  | 1.55                                            | KSA          | 150 H90 | D132S4 |
| 4.7                                                      | 10100                                                   | 302                   | 117100                                                  | 1.80                                            | KSAF         | 150 H90 | D132S4 |
| 5.2                                                      | 9160                                                    | 273                   | 118400                                                  | 1.95                                            | KS           | 150 H90 | D132S4 |
| 6.2                                                      | 7750                                                    | 232                   | 120000                                                  | 2.3                                             | KSF          | 150 H90 | D132S4 |
| 7.1                                                      | 6750                                                    | 202                   | 120000                                                  | 2.7                                             |              |         |        |
| 7.3                                                      | 6570                                                    | 197                   | 120000                                                  | 2.7                                             |              |         |        |
| 3.4                                                      | 14000                                                   | 418                   | 86500                                                   | 0.85                                            |              |         |        |
| 3.8                                                      | 12600                                                   | 374                   | 89400                                                   | 0.95                                            | KSA          | 120 H80 | D132S4 |
| 4.6                                                      | 10500                                                   | 312                   | 90000                                                   | 1.15                                            | KSAF         | 120 H80 | D132S4 |
| 4.9                                                      | 9840                                                    | 293                   | 90000                                                   | 1.20                                            | KS           | 120 H80 | D132S4 |
| 5.5                                                      | 8680                                                    | 259                   | 90000                                                   | 1.40                                            | KSF          | 120 H80 | D132S4 |
| 6.4                                                      | 7500                                                    | 223                   | 90000                                                   | 1.60                                            |              |         |        |
| 3.3                                                      | 14500                                                   | 428                   | 85600                                                   | 0.85                                            | KSA          | 120 H70 | D132S4 |
| 3.8                                                      | 12700                                                   | 376                   | 89100                                                   | 0.95                                            | KSAF         | 120 H70 | D132S4 |
|                                                          |                                                         |                       |                                                         |                                                 | KS           | 120 H70 | D132S4 |
|                                                          |                                                         |                       |                                                         |                                                 | KSF          | 120 H70 | D132S4 |



| 输出<br>转速<br>Output<br>speed<br>n <sub>e</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model        |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|---------------------|
| 5.5kW                                                    |                                                         |                       |                                                         |                                                 |                     |
| 65                                                       | 810                                                     | 22.05                 | 10400                                                   | 1.00                                            |                     |
| 68                                                       | 770                                                     | 20.90                 | 10800                                                   | 1.05                                            |                     |
| 78                                                       | 670                                                     | 18.29                 | 11500                                                   | 1.20                                            |                     |
| 87                                                       | 605                                                     | 16.48                 | 11900                                                   | 1.35                                            |                     |
| 99                                                       | 530                                                     | 14.46                 | 12300                                                   | 1.55                                            |                     |
| 112                                                      | 470                                                     | 12.76                 | 12500                                                   | 1.75                                            |                     |
| 126                                                      | 415                                                     | 11.31                 | 12800                                                   | 1.95                                            | KSA 60 D132S4       |
| 148                                                      | 355                                                     | 9.66                  | 12900                                                   | 2.3                                             | KSAF 60 D132S4      |
| 158                                                      | 335                                                     | 9.08                  | 12400                                                   | 1.60                                            | KS 60 D132S4        |
| 166                                                      | 315                                                     | 8.60                  | 12300                                                   | 1.80                                            | KSF 60 D132S4       |
| 190                                                      | 275                                                     | 7.53                  | 12000                                                   | 2.2                                             |                     |
| 211                                                      | 250                                                     | 6.78                  | 11700                                                   | 2.5                                             |                     |
| 240                                                      | 220                                                     | 5.95                  | 11400                                                   | 2.8                                             |                     |
| 272                                                      | 193                                                     | 5.25                  | 11100                                                   | 3.1                                             |                     |
| 307                                                      | 171                                                     | 4.66                  | 10700                                                   | 3.3                                             |                     |
| 360                                                      | 146                                                     | 3.97                  | 10300                                                   | 3.4                                             |                     |
| 85                                                       | 620                                                     | 16.81                 | 5450                                                    | 0.95                                            |                     |
| 90                                                       | 585                                                     | 15.88                 | 5480                                                    | 1.05                                            |                     |
| 106                                                      | 495                                                     | 13.52                 | 5530                                                    | 1.20                                            |                     |
| 116                                                      | 450                                                     | 12.29                 | 5530                                                    | 1.35                                            | KSA 50 D132S4       |
| 134                                                      | 390                                                     | 10.64                 | 5510                                                    | 1.55                                            | KSAF 50 D132S4      |
| 175                                                      | 300                                                     | 8.19                  | 5190                                                    | 1.40                                            | KS 50 D132S4        |
| 185                                                      | 285                                                     | 7.73                  | 5160                                                    | 1.50                                            | KSF 50 D132S4       |
| 217                                                      | 240                                                     | 6.58                  | 5070                                                    | 1.75                                            |                     |
| 239                                                      | 220                                                     | 5.98                  | 5010                                                    | 1.90                                            |                     |
| 276                                                      | 190                                                     | 5.18                  | 4900                                                    | 2.2                                             |                     |
| 7.5kW                                                    |                                                         |                       |                                                         |                                                 |                     |
| 4.6                                                      | 14300                                                   | 312                   | 85900                                                   | 0.85                                            | KSA 120 H80 D132M4  |
| 4.9                                                      | 13500                                                   | 293                   | 87600                                                   | 0.90                                            | KSAF 120 H80 D132M4 |
| 5.5                                                      | 11900                                                   | 259                   | 90000                                                   | 1.00                                            | KS 120 H80 D132M4   |
| 6.4                                                      | 10300                                                   | 223                   | 90000                                                   | 1.15                                            | KSF 120 H80 D132M4  |
| 7.2                                                      | 9080                                                    | 198                   | 90000                                                   | 1.30                                            |                     |
| 3.3                                                      | 21600                                                   | 217.62                | 87600                                                   | 0.85                                            |                     |
| 4.0                                                      | 17700                                                   | 178.20                | 101100                                                  | 1.00                                            |                     |
| 4.4                                                      | 16200                                                   | 162.96                | 105200                                                  | 1.10                                            |                     |
| 5.1                                                      | 14100                                                   | 141.80                | 110100                                                  | 1.30                                            |                     |
| 5.8                                                      | 12400                                                   | 125.14                | 113300                                                  | 1.45                                            |                     |
| 6.6                                                      | 10800                                                   | 108.49                | 116100                                                  | 1.65                                            | KSA 150 D160L8      |
| 7.5                                                      | 9600                                                    | 96.53                 | 117800                                                  | 1.85                                            | KSAF 150 D160L8     |
| 8.4                                                      | 8530                                                    | 85.80                 | 119200                                                  | 2.1                                             | KS 150 D160L8       |
| 9.2                                                      | 7810                                                    | 78.46                 | 120000                                                  | 2.3                                             | KSF 150 D160L8      |
| 11                                                       | 6790                                                    | 68.28                 | 120000                                                  | 2.7                                             |                     |
| 12                                                       | 5990                                                    | 60.25                 | 120000                                                  | 3.0                                             |                     |
| 14                                                       | 5200                                                    | 52.24                 | 120000                                                  | 3.5                                             |                     |
| 15                                                       | 4620                                                    | 46.48                 | 120000                                                  | 3.9                                             |                     |
| 18                                                       | 3980                                                    | 40.06                 | 120000                                                  | 4.5                                             |                     |
| 3.6                                                      | 20000                                                   | 267.43                | 94000                                                   | 0.90                                            |                     |
| 4.4                                                      | 16200                                                   | 217.62                | 105100                                                  | 1.10                                            |                     |
| 5.4                                                      | 13300                                                   | 178.20                | 111700                                                  | 1.35                                            |                     |
| 5.9                                                      | 12200                                                   | 162.96                | 113800                                                  | 1.50                                            |                     |
| 6.8                                                      | 10600                                                   | 141.80                | 116400                                                  | 1.70                                            | KSA 150 D160M6      |
| 7.7                                                      | 9340                                                    | 125.14                | 118200                                                  | 1.95                                            | KSAF 150 D160M6     |
| 8.9                                                      | 8090                                                    | 108.49                | 119700                                                  | 2.2                                             | KS 150 D160M6       |
| 9.9                                                      | 7200                                                    | 96.53                 | 120000                                                  | 2.5                                             | KSF 150 D160M6      |
| 11                                                       | 6400                                                    | 85.80                 | 120000                                                  | 2.8                                             |                     |
| 12                                                       | 5850                                                    | 78.46                 | 120000                                                  | 3.1                                             |                     |
| 14                                                       | 5090                                                    | 68.28                 | 120000                                                  | 3.5                                             |                     |
| 16                                                       | 4500                                                    | 60.25                 | 120000                                                  | 4.0                                             |                     |
| 18                                                       | 3900                                                    | 52.24                 | 193000                                                  | 4.6                                             |                     |
| 5.7                                                      | 12500                                                   | 125.37                | 89500                                                   | 0.95                                            | KSA 120 D160L8      |
| 6.3                                                      | 11400                                                   | 114.34                | 90000                                                   | 1.05                                            | KSAF 120 D160L8     |
| 7.3                                                      | 9840                                                    | 98.95                 | 90000                                                   | 1.20                                            | KS 120 D160L8       |
| 8.2                                                      | 8690                                                    | 87.31                 | 90000                                                   | 1.40                                            | KSF 120 D160L8      |
| 5.6                                                      | 12700                                                   | 170.83                | 89000                                                   | 0.95                                            | KSA 120 D160M6      |
| 6.2                                                      | 11500                                                   | 153.67                | 90000                                                   | 1.05                                            | KSAF 120 D160M6     |
| 7.7                                                      | 9350                                                    | 125.37                | 90000                                                   | 1.30                                            | KS 120 D160M6       |
| 8.4                                                      | 8530                                                    | 114.34                | 90000                                                   | 1.40                                            | KSF 120 D160M6      |

| 输出<br>转速<br>Output<br>speed<br>n <sub>e</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model    |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|-----------------|
| 7.5kW                                                    |                                                         |                       |                                                         |                                                 |                 |
| 8.4                                                      | 8560                                                    | 170.83                | 90000                                                   | 1.40                                            | KSA 120 D132M4  |
| 9.3                                                      | 7700                                                    | 153.67                | 90000                                                   | 1.55                                            | KSAF 120 D132M4 |
| 11                                                       | 6280                                                    | 125.37                | 90000                                                   | 1.90                                            | KS 120 D132M4   |
| 8.0                                                      | 8950                                                    | 178.64                | 46300                                                   | 0.85                                            | KSA 100 D132M4  |
| 8.9                                                      | 8080                                                    | 161.28                | 48700                                                   | 0.95                                            | KSAF 100 D132M4 |
| 9.8                                                      | 7340                                                    | 146.49                | 50700                                                   | 1.05                                            | KS 100 D132M4   |
| 11                                                       | 6510                                                    | 129.97                | 52800                                                   | 1.20                                            | KSF 100 D132M4  |
| 12                                                       | 5910                                                    | 117.94                | 54200                                                   | 1.30                                            |                 |
| 14                                                       | 5080                                                    | 101.38                | 56100                                                   | 1.50                                            | KSA 100 D132M4  |
| 15                                                       | 4630                                                    | 92.47                 | 57100                                                   | 1.65                                            | KSAF 100 D132M4 |
| 16                                                       | 4430                                                    | 88.49                 | 57500                                                   | 1.75                                            | KS 100 D132M4   |
| 17                                                       | 4210                                                    | 83.99                 | 58000                                                   | 1.85                                            | KSF 100 D132M4  |
| 19                                                       | 3730                                                    | 74.52                 | 59000                                                   | 2.1                                             |                 |
| 21                                                       | 3390                                                    | 67.62                 | 59600                                                   | 2.3                                             |                 |
| 15                                                       | 4890                                                    | 97.58                 | 19300                                                   | 0.90                                            |                 |
| 16                                                       | 4500                                                    | 89.85                 | 29300                                                   | 0.95                                            | KSA 90 D132M4   |
| 17                                                       | 4340                                                    | 86.59                 | 29800                                                   | 1.00                                            | KSAF 90 D132M4  |
| 18                                                       | 4020                                                    | 80.31                 | 30700                                                   | 1.05                                            | KS 90 D132M4    |
| 19                                                       | 3790                                                    | 75.63                 | 31300                                                   | 1.15                                            | KSF 90 D132M4   |
| 20                                                       | 3620                                                    | 72.29                 | 31800                                                   | 1.20                                            |                 |
| 22                                                       | 3280                                                    | 65.47                 | 32200                                                   | 1.30                                            |                 |
| 25                                                       | 2910                                                    | 58.06                 | 31800                                                   | 1.50                                            | KSA 90 D132M4   |
| 27                                                       | 2630                                                    | 52.49                 | 31400                                                   | 1.65                                            | KSAF 90 D132M4  |
| 32                                                       | 2230                                                    | 44.49                 | 30600                                                   | 1.95                                            | KS 90 D132M4    |
| 37                                                       | 1950                                                    | 38.86                 | 29900                                                   | 2.2                                             | KSF 90 D132M4   |
| 44                                                       | 1630                                                    | 32.50                 | 28900                                                   | 2.6                                             |                 |
| 33                                                       | 2170                                                    | 43.28                 | 30500                                                   | 1.40                                            | KSA 90 D132M4   |
| 39                                                       | 1840                                                    | 36.64                 | 29600                                                   | 1.65                                            | KSAF 90 D132M4  |
| 42                                                       | 1700                                                    | 33.91                 | 29200                                                   | 2.5                                             | KS 90 D132M4    |
| 47                                                       | 1520                                                    | 30.39                 | 28500                                                   | 2.8                                             | KSF 90 D132M4   |
| 25                                                       | 2840                                                    | 56.75                 | 18100                                                   | 1.05                                            |                 |
| 28                                                       | 2520                                                    | 50.36                 | 18200                                                   | 1.15                                            | KSA 80 D132M4   |
| 32                                                       | 2270                                                    | 45.28                 | 18200                                                   | 1.25                                            | KSAF 80 D132M4  |
| 36                                                       | 1970                                                    | 39.30                 | 18100                                                   | 1.40                                            | KS 80 D132M4    |
| 41                                                       | 1760                                                    | 35.19                 | 18000                                                   | 1.50                                            | KSF 80 D132M4   |
| 49                                                       | 1460                                                    | 29.20                 | 17600                                                   | 1.70                                            |                 |
| 50                                                       | 1440                                                    | 28.78                 | 17600                                                   | 1.70                                            |                 |
| 54                                                       | 1330                                                    | 26.50                 | 17400                                                   | 2.3                                             |                 |
| 60                                                       | 1190                                                    | 23.68                 | 17100                                                   | 2.5                                             | KSA 80 D132M4   |
| 67                                                       | 1070                                                    | 21.32                 | 16800                                                   | 2.8                                             | KSAF 80 D132M4  |
| 74                                                       | 970                                                     | 19.31                 | 16500                                                   | 3.1                                             | KS 80 D132M4    |
| 84                                                       | 860                                                     | 17.12                 | 16200                                                   | 3.5                                             | KSF 80 D132M4   |
| 92                                                       | 775                                                     | 15.48                 | 15900                                                   | 3.9                                             |                 |
| 42                                                       | 1690                                                    | 33.74                 | 14300                                                   | 0.90                                            | KSA 70 D132M4   |
| 48                                                       | 1500                                                    | 29.91                 | 15700                                                   | 1.00                                            | KSAF 70 D132M4  |
| 56                                                       | 1280                                                    | 25.54                 | 17000                                                   | 1.15                                            | KS 70 D132M4    |
| 56                                                       | 1280                                                    | 25.50                 | 17100                                                   | 1.15                                            |                 |
| 67                                                       | 1070                                                    | 21.43                 | 18000                                                   | 1.40                                            |                 |
| 73                                                       | 990                                                     | 19.70                 | 18400                                                   | 1.50                                            |                 |
| 82                                                       | 880                                                     | 17.49                 | 18800                                                   | 1.70                                            |                 |
| 91                                                       | 785                                                     | 15.64                 | 19000                                                   | 1.90                                            |                 |
| 102                                                      | 705                                                     | 14.06                 | 18600                                                   | 2.1                                             | KSA 70 D132M4   |
| 117                                                      | 610                                                     | 12.20                 | 18000                                                   | 2.5                                             | KSAF 70 D132M4  |
| 131                                                      | 545                                                     | 10.93                 | 17600                                                   | 2.7                                             | KS 70 D132M4    |
| 154                                                      | 465                                                     | 9.30                  | 16500                                                   | 2.3                                             | KSF 70 D132M4   |
| 173                                                      | 415                                                     | 8.26                  | 16100                                                   | 2.6                                             |                 |
| 194                                                      | 370                                                     | 7.39                  | 15700                                                   | 2.9                                             |                 |
| 215                                                      | 335                                                     | 6.64                  | 15300                                                   | 3.2                                             |                 |
| 248                                                      | 290                                                     | 5.76                  | 14800                                                   | 3.7                                             |                 |
| 277                                                      | 260                                                     | 5.16                  | 14500                                                   | 4.2                                             |                 |
| 334                                                      | 215                                                     | 4.28                  | 13800                                                   | 4.7                                             |                 |

| 输出<br>转速<br>Output<br>speed<br>n <sub>e</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model        |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|---------------------|
| 9.2kW                                                    |                                                         |                       |                                                         |                                                 |                     |
| 4.1                                                      | 19700                                                   | 353                   | 94800                                                   | 0.90                                            |                     |
| 4.8                                                      | 16900                                                   | 302                   | 103300                                                  | 1.05                                            | KSA 150 H90D132ML4  |
| 5.3                                                      | 15300                                                   | 273                   | 107400                                                  | 1.20                                            | KSAF 150 H90D132ML4 |
| 6.2                                                      | 13000                                                   | 232                   | 112400                                                  | 1.40                                            | KS 150 H90D132ML4   |
| 7.1                                                      | 11300                                                   | 202                   | 115300                                                  | 1.60                                            | KSF 150 H90D132ML4  |
| 7.3                                                      | 11000                                                   | 197                   | 115800                                                  | 1.65                                            |                     |
| 5.6                                                      | 14500                                                   | 259                   | 85600                                                   | 0.85                                            | KSA 120 H80D132ML4  |
| 6.4                                                      | 12500                                                   | 223                   | 89400                                                   | 0.95                                            | KSAF 120 H80D132ML4 |
| 7.3                                                      | 11100                                                   | 198                   | 90000                                                   | 1.10                                            | KS 120 H80D132ML4   |
| 8.4                                                      | 10400                                                   | 170.83                | 90000                                                   | 1.15                                            | KSA 120 D132ML4     |
| 9.4                                                      | 9380                                                    | 153.67                | 90000                                                   | 1.30                                            | KSAF 120 D132ML4    |
| 11                                                       | 7650                                                    | 125.37                | 90000                                                   | 1.55                                            | KS 120 D132ML4      |
| 13                                                       | 6980                                                    | 114.34                | 90000                                                   | 1.70                                            | KSF 120 D132ML4     |
| 15                                                       | 6040                                                    | 98.95                 | 90000                                                   | 2.0                                             |                     |
| 9.8                                                      | 8940                                                    | 146.49                | 46300                                                   | 0.85                                            | KSA 100 D132ML4     |
| 11                                                       | 7930                                                    | 129.97                | 49100                                                   | 0.95                                            | KSAF 100 D132ML4    |
| 12                                                       | 7200                                                    | 117.94                | 51100                                                   | 1.05                                            | KS 100 D132ML4      |
| 14                                                       | 6180                                                    | 101.38                | 53600                                                   | 1.25                                            | KSF 100 D132ML4     |
| 16                                                       | 5640                                                    | 92.47                 | 54900                                                   | 1.35                                            |                     |
| 17                                                       | 5120                                                    | 83.99                 | 56000                                                   | 1.50                                            | KSA 100 D132ML4     |
| 19                                                       | 4550                                                    | 74.52                 | 57300                                                   | 1.70                                            | KSAF 100 D132ML4    |
| 21                                                       | 4130                                                    | 67.62                 | 58200                                                   | 1.85                                            | KS 100 D132ML4      |
| 25                                                       | 3550                                                    | 58.12                 | 58300                                                   | 2.2                                             | KSF 100 D132ML4     |
| 28                                                       | 3100                                                    | 50.73                 | 56800                                                   | 2.5                                             |                     |
| 18                                                       | 4900                                                    | 80.31                 | 18700                                                   | 0.90                                            | KSA 90 D132ML4      |
| 19                                                       | 4610                                                    | 75.63                 | 28900                                                   | 0.95                                            | KSAF 90 D132ML4     |
| 20                                                       | 4410                                                    | 72.29                 | 29600                                                   | 0.95                                            | KS 90 D132ML4       |
| 22                                                       | 3990                                                    | 65.47                 | 29600                                                   | 1.10                                            | KSF 90 D132ML4      |
| 25                                                       | 3540                                                    | 58.06                 | 29500                                                   | 1.20                                            |                     |
| 27                                                       | 3200                                                    | 52.49                 | 29300                                                   | 1.35                                            | KSA 90 D132ML4      |
| 32                                                       | 2710                                                    | 44.49                 | 28800                                                   | 1.60                                            | KSAF 90 D132ML4     |
| 37                                                       | 2370                                                    | 38.86                 | 28400                                                   | 1.80                                            | KS 90 D132ML4       |
| 44                                                       | 1980                                                    | 32.50                 | 27600                                                   | 2.2                                             | KSF 90 D132ML4      |
| 42                                                       | 2070                                                    | 33.91                 | 27800                                                   | 2.1                                             | KSA 90 D132ML4      |
| 47                                                       | 1850                                                    | 30.39                 | 27300                                                   | 2.3                                             | KSAF 90 D132ML4     |
| 52                                                       | 1670                                                    | 27.44                 | 26800                                                   | 2.6                                             | KS 90 D132ML4       |
| 58                                                       | 1520                                                    | 24.92                 | 26300                                                   | 2.8                                             | KSF 90 D132ML4      |
| 29                                                       | 3070                                                    | 50.36                 | 16000                                                   | 0.95                                            | KSA 80 D132ML4      |
| 32                                                       | 2760                                                    | 45.28                 | 16200                                                   | 1.00                                            | KSAF 80 D132ML4     |
| 37                                                       | 2400                                                    | 39.30                 | 16400                                                   | 1.15                                            | KS 80 D132ML4       |
| 41                                                       | 2150                                                    | 35.19                 | 16400                                                   | 1.20                                            | KSF 80 D132ML4      |
| 49                                                       | 1780                                                    | 29.20                 | 16300                                                   | 1.40                                            |                     |
| 54                                                       | 1620                                                    | 26.50                 | 16200                                                   | 1.85                                            |                     |
| 61                                                       | 1440                                                    | 23.68                 | 16100                                                   | 2.1                                             | KSA 80 D132ML4      |
| 68                                                       | 1300                                                    | 21.32                 | 15900                                                   | 2.3                                             | KSAF 80 D132ML4     |
| 75                                                       | 1180                                                    | 19.31                 | 15700                                                   | 2.5                                             | KS 80 D132ML4       |
| 84                                                       | 1040                                                    | 17.12                 | 15400                                                   | 2.9                                             | KSF 80 D132ML4      |
| 93                                                       | 940                                                     | 15.48                 | 15200                                                   | 3.2                                             |                     |
| 110                                                      | 800                                                     | 13.12                 | 14700                                                   | 3.8                                             |                     |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model |        |            |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------|--------|------------|
| 9.2kW                                                    |                                                         |                       |                                                         |                                                 |              |        |            |
| 73                                                       | 1200                                                    | 19.70                 | 17400                                                   | 1.25                                            |              |        |            |
| 82                                                       | 1070                                                    | 17.49                 | 18000                                                   | 1.40                                            |              |        |            |
| 92                                                       | 950                                                     | 15.64                 | 18300                                                   | 1.55                                            |              |        |            |
| 102                                                      | 860                                                     | 14.06                 | 18000                                                   | 1.75                                            |              |        |            |
| 118                                                      | 745                                                     | 12.20                 | 17500                                                   | 2.0                                             | KSA          | 70     | D132ML4    |
| 132                                                      | 665                                                     | 10.93                 | 17100                                                   | 2.2                                             | KSAF         | 70     | D132ML4    |
| 155                                                      | 570                                                     | 9.30                  | 16000                                                   | 1.90                                            | KS           | 70     | D132ML4    |
| 174                                                      | 505                                                     | 8.26                  | 15600                                                   | 2.1                                             | KSF          | 70     | D132ML4    |
| 195                                                      | 450                                                     | 7.39                  | 15300                                                   | 2.4                                             |              |        |            |
| 217                                                      | 405                                                     | 6.64                  | 15000                                                   | 2.7                                             |              |        |            |
| 250                                                      | 350                                                     | 5.76                  | 14500                                                   | 3.1                                             |              |        |            |
| 279                                                      | 315                                                     | 5.16                  | 14200                                                   | 3.4                                             |              |        |            |
| 336                                                      | 260                                                     | 4.28                  | 13600                                                   | 3.9                                             |              |        |            |
| 11.0kW                                                   |                                                         |                       |                                                         |                                                 |              |        |            |
| 4.8                                                      | 20300                                                   | 302                   | 92800                                                   | 0.90                                            | KSA          |        |            |
| 5.3                                                      | 18300                                                   | 273                   | 99300                                                   | 1.00                                            | KSAF         | 150    | H90D160M4  |
| 6.2                                                      | 15500                                                   | 232                   | 106900                                                  | 1.15                                            | KS           | 150    | H90D160M4  |
| 7.1                                                      | 13500                                                   | 202                   | 111200                                                  | 1.35                                            | KSF          | 150    | H90D160M4  |
| 7.3                                                      | 13200                                                   | 197                   | 112000                                                  | 1.35                                            |              |        |            |
|                                                          |                                                         |                       |                                                         |                                                 |              |        |            |
| 6.4                                                      | 15000                                                   | 223                   | 84500                                                   | 0.80                                            | KSA          | 120    | H80 D160M4 |
| 7.3                                                      | 13300                                                   | 198                   | 88000                                                   | 0.90                                            | KSAF         | 120    | H80 D160M4 |
| 8.7                                                      | 11100                                                   | 166                   | 90000                                                   | 1.00                                            | KS           | 120    | H80 D160M4 |
|                                                          |                                                         |                       |                                                         |                                                 | KSF          | 120    | H80 D160M4 |
|                                                          |                                                         |                       |                                                         |                                                 |              |        |            |
| 5.1                                                      | 20700                                                   | 141.80                | 91300                                                   | 0.85                                            | KSA          | 150    | D180L8     |
| 5.8                                                      | 18300                                                   | 125.14                | 99500                                                   | 1.00                                            | KSAF         | 150    | D180L8     |
| 6.6                                                      | 15800                                                   | 108.49                | 106100                                                  | 1.15                                            | KS           | 150    | D180L8     |
| 7.5                                                      | 14100                                                   | 96.53                 | 110100                                                  | 1.30                                            | KSF          | 150    | D180L8     |
|                                                          |                                                         |                       |                                                         |                                                 |              |        |            |
| 5.4                                                      | 19500                                                   | 178.20                | 95500                                                   | 0.90                                            |              |        |            |
| 5.9                                                      | 17800                                                   | 162.96                | 100800                                                  | 1.00                                            |              |        |            |
| 6.8                                                      | 15500                                                   | 141.80                | 106900                                                  | 1.15                                            | KSA          | 150    | D160L6     |
| 7.7                                                      | 13700                                                   | 125.14                | 110900                                                  | 1.30                                            | KSAF         | 150    | D160L6     |
| 8.9                                                      | 11900                                                   | 108.49                | 114300                                                  | 1.50                                            | KS           | 150    | D160L6     |
| 9.9                                                      | 10600                                                   | 96.53                 | 116400                                                  | 1.70                                            | KSF          | 150    | D160L6     |
| 11                                                       | 9390                                                    | 85.80                 | 118100                                                  | 1.90                                            |              |        |            |
| 12                                                       | 8590                                                    | 78.46                 | 119100                                                  | 2.1                                             |              |        |            |
|                                                          |                                                         |                       |                                                         |                                                 |              |        |            |
| 5.4                                                      | 19500                                                   | 267.43                | 95500                                                   | 0.90                                            |              |        |            |
| 6.6                                                      | 15900                                                   | 217.62                | 106000                                                  | 1.15                                            |              |        |            |
| 8.1                                                      | 13000                                                   | 178.20                | 112300                                                  | 1.40                                            |              |        |            |
| 8.8                                                      | 11900                                                   | 162.96                | 114300                                                  | 1.50                                            | KSA          | 150    | D160M4     |
| 10                                                       | 10300                                                   | 141.80                | 116800                                                  | 1.75                                            | KSAF         | 150    | D160M4     |
| 12                                                       | 9130                                                    | 125.14                | 118400                                                  | 1.95                                            | KS           | 150    | D160M4     |
| 13                                                       | 7910                                                    | 108.49                | 119900                                                  | 2.3                                             | KSF          | 150    | D160M4     |
| 15                                                       | 7040                                                    | 96.53                 | 120000                                                  | 2.6                                             |              |        |            |
| 17                                                       | 6260                                                    | 85.80                 | 118100                                                  | 2.9                                             |              |        |            |
| 18                                                       | 5720                                                    | 78.46                 | 115700                                                  | 3.1                                             |              |        |            |
| 21                                                       | 4980                                                    | 68.28                 | 112000                                                  | 3.6                                             |              |        |            |
|                                                          |                                                         |                       |                                                         |                                                 |              |        |            |
| 7.7                                                      | 13700                                                   | 125.37                | 87100                                                   | 0.85                                            | KSA          | 120    | D160L6     |
| 8.4                                                      | 12500                                                   | 114.34                | 89500                                                   | 0.95                                            | KSAF         | 120    | D160L6     |
| 9.7                                                      | 10800                                                   | 98.95                 | 90000                                                   | 1.10                                            | KS           | 120    | D160L6     |
| 11                                                       | 9550                                                    | 87.31                 | 90000                                                   | 1.25                                            | KSF          | 120    | D160L6     |
| 13                                                       | 8250                                                    | 75.41                 | 90000                                                   | 1.45                                            |              |        |            |
|                                                          |                                                         |                       |                                                         |                                                 |              |        |            |
| 8.4                                                      | 12500                                                   | 170.83                | 89500                                                   | 0.95                                            |              |        |            |
| 9.4                                                      | 11200                                                   | 153.67                | 90000                                                   | 1.05                                            | KSA          | 120    | D160M4     |
| 11                                                       | 9150                                                    | 125.37                | 90000                                                   | 1.30                                            | KSAF         | 120    | D160M4     |
| 13                                                       | 8340                                                    | 114.34                | 90000                                                   | 1.45                                            | KS           | 120    | D160M4     |
| 15                                                       | 7220                                                    | 98.95                 | 90000                                                   | 1.65                                            | KSF          | 120    | D160M4     |
| 16                                                       | 6370                                                    | 87.31                 | 90000                                                   | 1.90                                            |              |        |            |
| 19                                                       | 5500                                                    | 75.41                 | 88600                                                   | 2.2                                             |              |        |            |
|                                                          |                                                         |                       |                                                         |                                                 |              |        |            |
| 12                                                       | 8600                                                    | 117.94                | 47300                                                   | 0.90                                            | KSA          | 100    | D160M4     |
| 14                                                       | 7400                                                    | 101.38                | 50600                                                   | 1.05                                            | KSAF         | 100    | D160M4     |
| 16                                                       | 6750                                                    | 92.47                 | 52200                                                   | 1.15                                            | KS           | 100    | D160M4     |
|                                                          |                                                         |                       |                                                         | KSF                                             | 100          | D160M4 |            |



| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model              |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|---------------------------|
| <b>11.0kW</b>                                            |                                                         |                       |                                                         |                                                 |                           |
| 17                                                       | 6130                                                    | 83.99                 | 53700                                                   | 1.25                                            |                           |
| 19                                                       | 5440                                                    | 74.52                 | 55300                                                   | 1.40                                            | <b>KSA 100 D160M4</b>     |
| 21                                                       | 4930                                                    | 67.62                 | 56500                                                   | 1.55                                            | <b>KSAF 100 D160M4</b>    |
| 25                                                       | 4240                                                    | 58.12                 | 56400                                                   | 1.80                                            | <b>KS 100 D160M4</b>      |
| 28                                                       | 3700                                                    | 50.73                 | 55100                                                   | 2.1                                             | <b>KSF 100 D160M4</b>     |
| 33                                                       | 3140                                                    | 43.03                 | 53500                                                   | 2.5                                             |                           |
| 43                                                       | 2470                                                    | 33.79                 | 51000                                                   | 3.0                                             | <b>KSA 100 D160M4</b>     |
| 52                                                       | 2010                                                    | 27.57                 | 48800                                                   | 3.9                                             | <b>KSAF 100 D160M4</b>    |
| 57                                                       | 1830                                                    | 25.14                 | 47800                                                   | 4.3                                             | <b>KS 100 D160M4</b>      |
|                                                          |                                                         |                       |                                                         |                                                 | <b>KSF 100 D160M4</b>     |
| 22                                                       | 4780                                                    | 65.47                 | 24000                                                   | 0.90                                            | <b>KSA 90 D160M4</b>      |
| 25                                                       | 4240                                                    | 58.06                 | 27100                                                   | 1.00                                            | <b>KSAF 90 D160M4</b>     |
| 27                                                       | 3830                                                    | 52.49                 | 27100                                                   | 1.10                                            | <b>KS 90 D160M4</b>       |
|                                                          |                                                         |                       |                                                         |                                                 | <b>KSF 90 D160M4</b>      |
| 32                                                       | 3250                                                    | 44.49                 | 27000                                                   | 1.30                                            | <b>KSA 90 D160M4</b>      |
| 37                                                       | 2830                                                    | 38.86                 | 26700                                                   | 1.50                                            | <b>KSAF 90 D160M4</b>     |
| 44                                                       | 2370                                                    | 32.50                 | 26200                                                   | 1.80                                            | <b>KS 90 D160M4</b>       |
|                                                          |                                                         |                       |                                                         |                                                 | <b>KSF 90 D160M4</b>      |
| 42                                                       | 2470                                                    | 33.91                 | 26400                                                   | 1.75                                            | <b>KSA 90 D160M4</b>      |
| 47                                                       | 2220                                                    | 30.39                 | 26000                                                   | 1.95                                            | <b>KSAF 90 D160M4</b>     |
| 52                                                       | 2000                                                    | 27.44                 | 25600                                                   | 2.2                                             | <b>KS 90 D160M4</b>       |
| 58                                                       | 1820                                                    | 24.92                 | 25200                                                   | 2.4                                             | <b>KSF 90 D160M4</b>      |
| 65                                                       | 1610                                                    | 22.11                 | 24700                                                   | 2.7                                             |                           |
| 37                                                       | 2870                                                    | 39.30                 | 14600                                                   | 0.95                                            | <b>KSA 80 D160M4</b>      |
| 41                                                       | 2570                                                    | 35.19                 | 14800                                                   | 1.00                                            | <b>KSAF 80 D160M4</b>     |
| 49                                                       | 2130                                                    | 29.20                 | 15000                                                   | 1.20                                            | <b>KS 80 D160M4</b>       |
|                                                          |                                                         |                       |                                                         |                                                 | <b>KSF 80 D160M4</b>      |
| 54                                                       | 1930                                                    | 26.50                 | 15000                                                   | 1.55                                            |                           |
| 61                                                       | 1730                                                    | 23.68                 | 15000                                                   | 1.75                                            | <b>KSA 80 D160M4</b>      |
| 68                                                       | 1560                                                    | 21.32                 | 14900                                                   | 1.95                                            | <b>KSAF 80 D160M4</b>     |
| 75                                                       | 1410                                                    | 19.31                 | 14800                                                   | 2.1                                             | <b>KS 80 D160M4</b>       |
| 84                                                       | 1250                                                    | 17.12                 | 14600                                                   | 2.4                                             | <b>KSF 80 D160M4</b>      |
| 93                                                       | 1130                                                    | 15.48                 | 14400                                                   | 2.7                                             |                           |
| 110                                                      | 960                                                     | 13.12                 | 14100                                                   | 3.1                                             |                           |
| 73                                                       | 1440                                                    | 19.70                 | 16100                                                   | 1.05                                            |                           |
| 82                                                       | 1280                                                    | 17.49                 | 17100                                                   | 1.20                                            |                           |
| 92                                                       | 1140                                                    | 15.64                 | 17600                                                   | 1.30                                            |                           |
| 102                                                      | 1030                                                    | 14.06                 | 17400                                                   | 1.45                                            |                           |
| 118                                                      | 890                                                     | 12.20                 | 17000                                                   | 1.70                                            | <b>KSA 70 D160M4</b>      |
| 132                                                      | 795                                                     | 10.93                 | 16700                                                   | 1.90                                            | <b>KSAF 70 D160M4</b>     |
| 155                                                      | 680                                                     | 9.30                  | 15500                                                   | 1.60                                            | <b>KS 70 D160M4</b>       |
| 174                                                      | 605                                                     | 8.26                  | 15200                                                   | 1.80                                            | <b>KSF 70 D160M4</b>      |
| 195                                                      | 540                                                     | 7.39                  | 14900                                                   | 2.0                                             |                           |
| 217                                                      | 485                                                     | 6.64                  | 14600                                                   | 2.2                                             |                           |
| 250                                                      | 420                                                     | 5.76                  | 14200                                                   | 2.6                                             |                           |
| 279                                                      | 375                                                     | 5.16                  | 13900                                                   | 2.9                                             |                           |
| 336                                                      | 310                                                     | 4.28                  | 13300                                                   | 3.2                                             |                           |
| <b>15.0kW</b>                                            |                                                         |                       |                                                         |                                                 |                           |
| 6.3                                                      | 20900                                                   | 232                   | 90400                                                   | 0.85                                            | <b>KSA 150H90 D160L4</b>  |
| 7.2                                                      | 18300                                                   | 202                   | 99500                                                   | 1.00                                            | <b>KSAF 150H90 D160L4</b> |
| 7.4                                                      | 17700                                                   | 197                   | 101000                                                  | 1.00                                            | <b>KS 150H90 D160L4</b>   |
|                                                          |                                                         |                       |                                                         |                                                 | <b>KSF 150H90 D160L4</b>  |
| 6.8                                                      | 20900                                                   | 141.80                | 90400                                                   | 0.85                                            | <b>KSA 150 D180L6</b>     |
| 7.8                                                      | 18500                                                   | 125.14                | 98800                                                   | 0.95                                            | <b>KSAF 150 D180L6</b>    |
| 8.9                                                      | 16000                                                   | 108.49                | 105700                                                  | 1.10                                            | <b>KS 150 D180L6</b>      |
| 10                                                       | 14300                                                   | 96.53                 | 109800                                                  | 1.25                                            | <b>KSF 150 D180L6</b>     |
| 11                                                       | 12700                                                   | 85.80                 | 112900                                                  | 1.40                                            |                           |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model           |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|------------------------|
| <b>15.0kW</b>                                            |                                                         |                       |                                                         |                                                 |                        |
| 6.7                                                      | 21400                                                   | 217.62                | 88800                                                   | 0.85                                            |                        |
| 8.2                                                      | 17500                                                   | 178.20                | 101800                                                  | 1.05                                            |                        |
| 9.0                                                      | 16000                                                   | 162.96                | 105700                                                  | 1.15                                            |                        |
| 10                                                       | 13900                                                   | 141.80                | 110500                                                  | 1.30                                            | <b>KSA 150 D160L4</b>  |
| 12                                                       | 12300                                                   | 125.14                | 113600                                                  | 1.45                                            | <b>KSAF 150 D160L4</b> |
| 13                                                       | 10600                                                   | 108.49                | 116300                                                  | 1.70                                            | <b>KS 150 D160L4</b>   |
| 15                                                       | 9470                                                    | 96.53                 | 115800                                                  | 1.90                                            | <b>KSF 150 D160L4</b>  |
| 17                                                       | 8420                                                    | 85.80                 | 113200                                                  | 2.1                                             |                        |
| 19                                                       | 7700                                                    | 78.46                 | 111200                                                  | 2.3                                             |                        |
| 21                                                       | 6700                                                    | 68.28                 | 108000                                                  | 2.7                                             |                        |
| 24                                                       | 5910                                                    | 60.25                 | 105100                                                  | 3.0                                             |                        |
| 9.8                                                      | 14600                                                   | 98.95                 | 85300                                                   | 0.80                                            | <b>KSA 120 D180L6</b>  |
| 11                                                       | 12900                                                   | 87.31                 | 88700                                                   | 0.95                                            | <b>KSAF 120 D180L6</b> |
| 13                                                       | 11100                                                   | 75.41                 | 88300                                                   | 1.10                                            | <b>KS 120 D180L6</b>   |
| 14                                                       | 10300                                                   | 70.07                 | 87600                                                   | 1.15                                            | <b>KSF 120 D180L6</b>  |
| 15                                                       | 9440                                                    | 63.91                 | 86700                                                   | 1.25                                            |                        |
| 12                                                       | 12300                                                   | 125.37                | 89000                                                   | 1.00                                            | <b>KSA 120 D160L4</b>  |
| 13                                                       | 11200                                                   | 114.34                | 88300                                                   | 1.05                                            | <b>KSAF 120 D160L4</b> |
| 15                                                       | 9710                                                    | 98.95                 | 87000                                                   | 1.25                                            | <b>KS 120 D160L4</b>   |
| 17                                                       | 8570                                                    | 87.31                 | 85600                                                   | 1.40                                            | <b>KSF 120 D160L4</b>  |
| 19                                                       | 7400                                                    | 75.41                 | 83800                                                   | 1.60                                            |                        |
| 21                                                       | 6870                                                    | 70.07                 | 82800                                                   | 1.75                                            |                        |
| 16                                                       | 9070                                                    | 92.47                 | 45900                                                   | 0.85                                            | <b>KSA 100 D160L4</b>  |
| 17                                                       | 8680                                                    | 88.49                 | 47100                                                   | 0.90                                            | <b>KSAF 100 D160L4</b> |
| 17                                                       | 8240                                                    | 83.99                 | 48300                                                   | 0.95                                            | <b>KS 100 D160L4</b>   |
| 20                                                       | 7310                                                    | 74.52                 | 50800                                                   | 1.05                                            | <b>KSF 100 D160L4</b>  |
| 22                                                       | 6630                                                    | 67.62                 | 52500                                                   | 1.15                                            |                        |
| 25                                                       | 5700                                                    | 58.12                 | 52200                                                   | 1.35                                            | <b>KSA 100 D160L4</b>  |
| 29                                                       | 4980                                                    | 50.73                 | 51500                                                   | 1.55                                            | <b>KSAF 100 D160L4</b> |
| 34                                                       | 4220                                                    | 43.03                 | 50400                                                   | 1.80                                            | <b>KS 100 D160L4</b>   |
| 39                                                       | 3690                                                    | 37.61                 | 49300                                                   | 2.1                                             | <b>KSF 100 D160L4</b>  |
| 46                                                       | 3120                                                    | 31.80                 | 48000                                                   | 2.5                                             |                        |
| 43                                                       | 3320                                                    | 33.79                 | 48500                                                   | 2.2                                             | <b>KSA 100 D160L4</b>  |
| 53                                                       | 2700                                                    | 27.57                 | 46700                                                   | 2.9                                             | <b>KSAF 100 D160L4</b> |
| 58                                                       | 2470                                                    | 25.14                 | 45900                                                   | 3.2                                             | <b>KS 100 D160L4</b>   |
| 67                                                       | 2130                                                    | 21.76                 | 44500                                                   | 3.7                                             | <b>KSF 100 D160L4</b>  |
| 33                                                       | 4360                                                    | 44.49                 | 22900                                                   | 1.00                                            | <b>KSA 90 D160L4</b>   |
| 38                                                       | 3810                                                    | 38.86                 | 23100                                                   | 1.15                                            | <b>KSAF 90 D160L4</b>  |
| 45                                                       | 3190                                                    | 32.50                 | 23200                                                   | 1.35                                            | <b>KS 90 D160L4</b>    |
|                                                          |                                                         |                       |                                                         |                                                 | <b>KSF 90 D160L4</b>   |
| 43                                                       | 3330                                                    | 33.91                 | 23200                                                   | 1.30                                            |                        |
| 48                                                       | 2980                                                    | 30.39                 | 23200                                                   | 1.45                                            |                        |
| 53                                                       | 2690                                                    | 27.44                 | 23100                                                   | 1.60                                            |                        |
| 59                                                       | 2450                                                    | 24.92                 | 22900                                                   | 1.75                                            | <b>KSA 90 D160L4</b>   |
| 66                                                       | 2170                                                    | 22.11                 | 22600                                                   | 2.0                                             | <b>KSAF 90 D160L4</b>  |
| 73                                                       | 1970                                                    | 20.07                 | 22400                                                   | 2.2                                             | <b>KS 90 D160L4</b>    |
| 85                                                       | 1690                                                    | 17.25                 | 21900                                                   | 2.5                                             | <b>KSF 90 D160L4</b>   |
| 97                                                       | 1480                                                    | 15.06                 | 21400                                                   | 2.9                                             |                        |
| 114                                                      | 1250                                                    | 12.77                 | 20800                                                   | 3.4                                             |                        |
| 131                                                      | 1100                                                    | 11.16                 | 20200                                                   | 3.7                                             |                        |
| 55                                                       | 2600                                                    | 26.50                 | 12300                                                   | 1.15                                            |                        |
| 62                                                       | 2320                                                    | 23.68                 | 12600                                                   | 1.30                                            |                        |
| 68                                                       | 2090                                                    | 21.32                 | 12700                                                   | 1.45                                            |                        |
| 76                                                       | 1890                                                    | 19.31                 | 12800                                                   | 1.60                                            |                        |
| 85                                                       | 1680                                                    | 17.12                 | 12900                                                   | 1.80                                            |                        |
| 94                                                       | 1520                                                    | 15.48                 | 12800                                                   | 2.0                                             | <b>KSA 80 D160L4</b>   |
| 111                                                      | 1290                                                    | 13.12                 | 12700                                                   | 2.3                                             | <b>KSAF 80 D160L4</b>  |
| 127                                                      | 1120                                                    | 11.46                 | 12600                                                   | 2.7                                             | <b>KS 80 D160L4</b>    |
| 152                                                      | 940                                                     | 9.58                  | 12300                                                   | 3.1                                             | <b>KSF 80 D160L4</b>   |
| 176                                                      | 810                                                     | 8.29                  | 11700                                                   | 1.90                                            |                        |
| 199                                                      | 720                                                     | 7.35                  | 11500                                                   | 2.1                                             |                        |
| 220                                                      | 650                                                     | 6.65                  | 11300                                                   | 2.3                                             |                        |
| 259                                                      | 555                                                     | 5.63                  | 11000                                                   | 2.8                                             |                        |
| 297                                                      | 485                                                     | 4.92                  | 10700                                                   | 3.2                                             |                        |
| 355                                                      | 405                                                     | 4.12                  | 10300                                                   | 3.6                                             |                        |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model               |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|----------------------------|
| <b>18.5kW</b>                                            |                                                         |                       |                                                         |                                                 |                            |
| 7.2                                                      | 22500                                                   | 202                   | 76400                                                   | 0.80                                            | <b>KSA 150 H90 D180M4</b>  |
| 7.5                                                      | 21800                                                   | 197                   | 86800                                                   | 0.80                                            | <b>KSAF 150 H90 D180M4</b> |
|                                                          |                                                         |                       |                                                         |                                                 | <b>KS 150 H90 D180M4</b>   |
|                                                          |                                                         |                       |                                                         |                                                 | <b>KSF 150 H90 D180M4</b>  |
| 8.2                                                      | 21500                                                   | 178.20                | 88200                                                   | 0.85                                            |                            |
| 9.0                                                      | 19700                                                   | 162.96                | 95000                                                   | 0.90                                            |                            |
| 10                                                       | 17100                                                   | 141.80                | 102800                                                  | 1.05                                            |                            |
| 12                                                       | 15100                                                   | 125.14                | 107900                                                  | 1.20                                            | <b>KSA 150 D180M4</b>      |
| 14                                                       | 13100                                                   | 108.49                | 112100                                                  | 1.40                                            | <b>KSAF 150 D180M4</b>     |
| 15                                                       | 11600                                                   | 96.53                 | 111300                                                  | 1.55                                            | <b>KS 150 D180M4</b>       |
| 17                                                       | 10300                                                   | 85.80                 | 109300                                                  | 1.75                                            | <b>KSF 150 D180M4</b>      |
| 19                                                       | 9460                                                    | 78.46                 | 107600                                                  | 1.90                                            |                            |
| 21                                                       | 8230                                                    | 68.28                 | 104900                                                  | 2.2                                             |                            |
| 24                                                       | 7270                                                    | 60.25                 | 102300                                                  | 2.5                                             |                            |
| 28                                                       | 6300                                                    | 52.24                 | 99300                                                   | 2.9                                             |                            |
| 13                                                       | 13800                                                   | 114.34                | 82200                                                   | 0.85                                            |                            |
| 15                                                       | 11900                                                   | 98.95                 | 81700                                                   | 1.00                                            |                            |
| 17                                                       | 10500                                                   | 87.31                 | 80900                                                   | 1.15                                            | <b>KSA 120 D180M4</b>      |
| 19                                                       | 9090                                                    | 75.41                 | 79700                                                   | 1.30                                            | <b>KSAF 120 D180M4</b>     |
| 21                                                       | 8450                                                    | 70.07                 | 79000                                                   | 1.40                                            | <b>KS 120 D180M4</b>       |
| 23                                                       | 7710                                                    | 63.91                 | 78100                                                   | 1.55                                            | <b>KSF 120 D180M4</b>      |
| 26                                                       | 6670                                                    | 55.31                 | 76400                                                   | 1.80                                            |                            |
| 30                                                       | 5880                                                    | 48.80                 | 74900                                                   | 2.0                                             |                            |
| 20                                                       | 8990                                                    | 74.52                 | 46200                                                   | 0.85                                            | <b>KSA 100 D180M4</b>      |
| 22                                                       | 8150                                                    | 67.62                 | 48500                                                   | 0.95                                            | <b>KSAF 100 D180M4</b>     |
| 25                                                       | 7010                                                    | 58.12                 | 48700                                                   | 1.10                                            | <b>KS 100 D180M4</b>       |
| 29                                                       | 6120                                                    | 50.73                 | 48400                                                   | 1.25                                            | <b>KSF 100 D180M4</b>      |
| 34                                                       | 5190                                                    | 43.03                 | 47700                                                   | 1.50                                            | <b>KSA 100 D180M4</b>      |
| 39                                                       | 4540                                                    | 37.61                 | 47000                                                   | 1.70                                            | <b>KSAF 100 D180M4</b>     |
| 46                                                       | 3830                                                    | 31.80                 | 46000                                                   | 2.0                                             | <b>KS 100 D180M4</b>       |
|                                                          |                                                         |                       |                                                         |                                                 | <b>KSF 100 D180M4</b>      |
| 43                                                       | 4070                                                    | 33.79                 | 46400                                                   | 1.80                                            | <b>KSA 100 D180M4</b>      |
| 53                                                       | 3320                                                    | 27.57                 | 45000                                                   | 2.4                                             | <b>KSAF 100 D180M4</b>     |
| 58                                                       | 3030                                                    | 25.14                 | 44300                                                   | 2.6                                             | <b>KS 100 D180M4</b>       |
| 67                                                       | 2620                                                    | 21.76                 | 43200                                                   | 3.0                                             | <b>KSF 100 D180M4</b>      |
| 38                                                       | 4690                                                    | 38.86                 | 20000                                                   | 0.90                                            | <b>KSA 90 D180M4</b>       |
| 45                                                       | 3920                                                    | 32.50                 | 20600                                                   | 1.10                                            | <b>KSAF 90 D180M4</b>      |
|                                                          |                                                         |                       |                                                         |                                                 | <b>KS 90 D180M4</b>        |
|                                                          |                                                         |                       |                                                         |                                                 | <b>KSF 90 D180M4</b>       |
| 53                                                       | 3310                                                    | 27.44                 | 20900                                                   | 1.30                                            |                            |
| 59                                                       | 3010                                                    | 24.92                 | 20900                                                   | 1.45                                            |                            |
| 66                                                       | 2670                                                    | 22.11                 | 20900                                                   | 1.60                                            | <b>KSA 90 D180M4</b>       |
| 73                                                       | 2420                                                    | 20.07                 | 20800                                                   | 1.80                                            | <b>KSAF 90 D180M4</b>      |
| 85                                                       | 2080                                                    | 17.25                 | 20500                                                   | 2.1                                             | <b>KS 90 D180M4</b>        |
| 97                                                       | 1820                                                    | 15.06                 | 20200                                                   | 2.4                                             | <b>KSF 90 D180M4</b>       |
| 115                                                      | 1540                                                    | 12.77                 | 19800                                                   | 2.8                                             |                            |
| 131                                                      | 1350                                                    | 11.16                 | 19300                                                   | 3.0                                             |                            |
| 69                                                       | 2570                                                    | 21.32                 | 10900                                                   | 1.15                                            |                            |
| 76                                                       | 2330                                                    | 19.31                 | 11100                                                   | 1.30                                            |                            |
| 86                                                       | 2060                                                    | 17.12                 | 11400                                                   | 1.45                                            |                            |
| 95                                                       | 1870                                                    | 15.48                 | 11500                                                   | 1.60                                            |                            |
| 112                                                      | 1580                                                    | 13.12                 | 11600                                                   | 1.90                                            | <b>KSA 80 D180M4</b>       |
| 128                                                      | 1380                                                    | 11.46                 | 11600                                                   | 2.2                                             | <b>KSAF 80 D180M4</b>      |
| 153                                                      | 1160                                                    | 9.58                  | 11500                                                   | 2.5                                             | <b>KS 80 D180M4</b>        |
| 177                                                      | 1000                                                    | 8.29                  | 10900                                                   | 1.55                                            | <b>KSF 80 D180M4</b>       |
| 199                                                      | 890                                                     | 7.35                  | 10800                                                   | 1.75                                            |                            |
| 220                                                      | 800                                                     | 6.65                  | 10700                                                   | 1.90                                            |                            |
| 260                                                      | 680                                                     | 5.63                  | 10400                                                   | 2.2                                             |                            |
| 298                                                      | 595                                                     | 4.92                  | 10200                                                   | 2.6                                             |                            |
| 356                                                      | 495                                                     | 4.12                  | 9900                                                    | 2.9                                             |                            |

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| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model             |                          |        |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------------------|--------------------------|--------|
| 30kW                                                     |                                                         |                       |                                                         |                                                 |                          |                          |        |
| 14                                                       | 21100                                                   | 108.49                | 89600                                                   | 0.85                                            | KSA<br>KSAF<br>KS<br>KSF | 150                      | D200L4 |
| 15                                                       | 18800                                                   | 96.53                 | 96900                                                   | 0.95                                            |                          | 150                      | D200L4 |
| 17                                                       | 16700                                                   | 85.80                 | 96400                                                   | 1.10                                            |                          | 150                      | D200L4 |
| 19                                                       | 15300                                                   | 78.46                 | 95800                                                   | 1.20                                            |                          | 150                      | D200L4 |
| 22                                                       | 13300                                                   | 68.28                 | 94600                                                   | 1.35                                            |                          | 150                      | D200L4 |
| 24                                                       | 11700                                                   | 60.25                 | 93300                                                   | 1.55                                            |                          | 150                      | D200L4 |
| 28                                                       | 10200                                                   | 52.24                 | 91500                                                   | 1.75                                            |                          |                          |        |
| 32                                                       | 9060                                                    | 46.48                 | 89900                                                   | 2.0                                             |                          |                          |        |
| 37                                                       | 7810                                                    | 40.06                 | 87700                                                   | 2.3                                             |                          |                          |        |
| 19                                                       | 14700                                                   | 75.41                 | 66600                                                   | 0.80                                            |                          | KSA<br>KSAF<br>KS<br>KSF | 120    |
| 21                                                       | 13700                                                   | 70.07                 | 66800                                                   | 0.90                                            | 120                      |                          | D200L4 |
| 23                                                       | 12500                                                   | 63.91                 | 66900                                                   | 0.95                                            | 120                      |                          | D200L4 |
| 27                                                       | 10800                                                   | 55.31                 | 66700                                                   | 1.10                                            | 120                      |                          | D200L4 |
| 30                                                       | 9510                                                    | 48.80                 | 66300                                                   | 1.25                                            | 120                      |                          | D200L4 |
| 35                                                       | 8210                                                    | 42.15                 | 65500                                                   | 1.45                                            |                          |                          |        |
| 39                                                       | 7270                                                    | 37.28                 | 64700                                                   | 1.65                                            |                          |                          |        |
| 47                                                       | 6110                                                    | 31.33                 | 63200                                                   | 1.95                                            |                          |                          |        |
| 58                                                       | 4930                                                    | 25.30                 | 61200                                                   | 2.4                                             |                          |                          |        |
| 55                                                       | 5240                                                    | 26.86                 | 61800                                                   | 1.60                                            | KSA                      | 120                      | D200L4 |
| 60                                                       | 4790                                                    | 24.57                 | 60900                                                   | 1.80                                            | KSAF                     | 120                      | D200L4 |
| 69                                                       | 4170                                                    | 21.38                 | 59400                                                   | 2.9                                             | KS                       | 120                      | D200L4 |
| 78                                                       | 3680                                                    | 18.87                 | 58000                                                   | 3.0                                             | KSF                      | 120                      | D200L4 |
| 34                                                       | 8390                                                    | 43.03                 | 39200                                                   | 0.90                                            | KSA                      | 100                      | D200L4 |
| 39                                                       | 7330                                                    | 37.61                 | 39600                                                   | 1.05                                            | KSAF                     | 100                      | D200L4 |
| 46                                                       | 6200                                                    | 31.80                 | 39700                                                   | 1.25                                            | KS                       | 100                      | D200L4 |
|                                                          |                                                         |                       |                                                         |                                                 | KSF                      | 100                      | D200L4 |
| 53                                                       | 5370                                                    | 27.57                 | 39500                                                   | 1.45                                            | KSA<br>KSAF<br>KS<br>KSF | 100                      | D200L4 |
| 58                                                       | 4900                                                    | 25.14                 | 39300                                                   | 1.60                                            |                          | 100                      | D200L4 |
| 68                                                       | 4240                                                    | 21.76                 | 38800                                                   | 1.85                                            |                          | 100                      | D200L4 |
| 77                                                       | 3730                                                    | 19.20                 | 38300                                                   | 2.1                                             |                          | 100                      | D200L4 |
| 89                                                       | 3230                                                    | 16.58                 | 37600                                                   | 2.4                                             |                          | 100                      | D200L4 |
| 100                                                      | 2860                                                    | 14.67                 | 36900                                                   | 2.7                                             |                          | 100                      | D200L4 |
| 119                                                      | 2400                                                    | 12.33                 | 35900                                                   | 2.9                                             |                          |                          |        |
| 148                                                      | 1940                                                    | 9.96                  | 34500                                                   | 3.3                                             |                          |                          |        |
| 66                                                       | 4310                                                    | 22.11                 | 15100                                                   | 1.00                                            | KSA<br>KSAF<br>KS<br>KSF | 90                       | D200L4 |
| 73                                                       | 3910                                                    | 20.07                 | 15500                                                   | 1.10                                            |                          | 90                       | D200L4 |
| 85                                                       | 3360                                                    | 17.25                 | 16000                                                   | 1.30                                            |                          | 90                       | D200L4 |
| 98                                                       | 2930                                                    | 15.06                 | 16300                                                   | 1.45                                            |                          | 90                       | D200L4 |
| 115                                                      | 2490                                                    | 12.77                 | 16400                                                   | 1.75                                            |                          | 90                       | D200L4 |
| 132                                                      | 2180                                                    | 11.16                 | 16400                                                   | 1.90                                            |                          | 90                       | D200L4 |
| 162                                                      | 1770                                                    | 9.06                  | 15400                                                   | 1.35                                            |                          | 90                       | D200L4 |
| 179                                                      | 1600                                                    | 8.22                  | 15300                                                   | 1.45                                            |                          |                          |        |
| 208                                                      | 1380                                                    | 7.07                  | 15100                                                   | 1.70                                            |                          |                          |        |
| 238                                                      | 1200                                                    | 6.17                  | 14900                                                   | 1.85                                            |                          |                          |        |
| 281                                                      | 1020                                                    | 5.23                  | 14600                                                   | 2.1                                             |                          |                          |        |
| 321                                                      | 890                                                     | 4.57                  | 14300                                                   | 2.3                                             |                          |                          |        |
| 37kW                                                     |                                                         |                       |                                                         |                                                 |                          |                          |        |
| 17                                                       | 20600                                                   | 85.80                 | 88600                                                   | 0.85                                            | KSA<br>KSAF<br>KS<br>KSF | 150                      | D225S4 |
| 19                                                       | 18900                                                   | 78.46                 | 88700                                                   | 0.95                                            |                          | 150                      | D225S4 |
| 22                                                       | 16400                                                   | 68.28                 | 88400                                                   | 1.10                                            |                          | 150                      | D225S4 |
| 24                                                       | 14500                                                   | 60.25                 | 87800                                                   | 1.25                                            |                          | 150                      | D225S4 |
| 28                                                       | 12600                                                   | 52.24                 | 86800                                                   | 1.45                                            |                          | 150                      | D225S4 |
| 32                                                       | 11200                                                   | 46.48                 | 85700                                                   | 1.60                                            |                          | 150                      | D225S4 |
| 37                                                       | 9630                                                    | 40.06                 | 84000                                                   | 1.85                                            |                          |                          |        |
| 45                                                       | 7820                                                    | 32.55                 | 81400                                                   | 2.3                                             |                          |                          |        |
| 53                                                       | 6630                                                    | 27.60                 | 79100                                                   | 2.7                                             |                          |                          |        |
|                                                          |                                                         |                       |                                                         |                                                 |                          |                          |        |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model                           |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|----------------------------------------|
| 37kW                                                     |                                                         |                       |                                                         |                                                 |                                        |
| 27                                                       | 13300                                                   | 55.31                 | 60900                                                   | 0.90                                            | KSA<br>KSAF<br>KS<br>KSF<br>120 D225S4 |
| 30                                                       | 11700                                                   | 48.80                 | 61100                                                   | 1.00                                            |                                        |
| 35                                                       | 10100                                                   | 42.15                 | 61100                                                   | 1.20                                            |                                        |
| 39                                                       | 8960                                                    | 37.28                 | 60700                                                   | 1.35                                            |                                        |
| 47                                                       | 7530                                                    | 31.33                 | 59900                                                   | 1.60                                            |                                        |
| 58                                                       | 6080                                                    | 25.30                 | 58500                                                   | 1.90                                            |                                        |
| 55                                                       | 6460                                                    | 26.86                 | 58900                                                   | 1.30                                            | KSA<br>KSAF<br>KS<br>KSF<br>120 D225S4 |
| 60                                                       | 5910                                                    | 24.57                 | 58300                                                   | 1.45                                            |                                        |
| 69                                                       | 5140                                                    | 21.38                 | 57100                                                   | 2.3                                             |                                        |
| 78                                                       | 4530                                                    | 18.87                 | 56000                                                   | 2.4                                             |                                        |
| 90                                                       | 3930                                                    | 16.36                 | 54600                                                   | 2.8                                             |                                        |
| 101                                                      | 3500                                                    | 14.55                 | 53400                                                   | 3.1                                             |                                        |
| 117                                                      | 3010                                                    | 12.54                 | 51900                                                   | 3.3                                             |                                        |
| 144                                                      | 2450                                                    | 10.19                 | 49600                                                   | 3.9                                             |                                        |
| 166                                                      | 2130                                                    | 8.86                  | 47700                                                   | 3.3                                             |                                        |
| 186                                                      | 1890                                                    | 7.88                  | 46500                                                   | 3.2                                             |                                        |
| 53                                                       | 6630                                                    | 27.57                 | 36200                                                   | 1.20                                            | KSA<br>KSAF<br>KS<br>KSF<br>100 D225S4 |
| 58                                                       | 6040                                                    | 25.14                 | 36200                                                   | 1.30                                            |                                        |
| 68                                                       | 5230                                                    | 21.76                 | 36200                                                   | 1.50                                            |                                        |
| 77                                                       | 4610                                                    | 19.20                 | 36000                                                   | 1.70                                            |                                        |
| 89                                                       | 3990                                                    | 16.58                 | 35600                                                   | 1.95                                            |                                        |
| 100                                                      | 3530                                                    | 14.67                 | 35100                                                   | 2.2                                             |                                        |
| 119                                                      | 2960                                                    | 12.33                 | 34400                                                   | 2.4                                             |                                        |
| 148                                                      | 2390                                                    | 9.96                  | 33300                                                   | 2.7                                             |                                        |
| 152                                                      | 2330                                                    | 9.69                  | 32400                                                   | 2.1                                             |                                        |
| 176                                                      | 2010                                                    | 8.37                  | 31700                                                   | 2.4                                             |                                        |
| 199                                                      | 1780                                                    | 7.40                  | 31000                                                   | 2.6                                             | KSA<br>KSAF<br>KS<br>KSF<br>150 D225M4 |
| 236                                                      | 1500                                                    | 6.22                  | 30000                                                   | 3.1                                             |                                        |
| 22                                                       | 20000                                                   | 68.28                 | 81300                                                   | 0.90                                            |                                        |
| 24                                                       | 17600                                                   | 60.25                 | 81600                                                   | 1.00                                            |                                        |
| 28                                                       | 15300                                                   | 52.24                 | 81300                                                   | 1.20                                            |                                        |
| 32                                                       | 13600                                                   | 46.48                 | 80900                                                   | 1.30                                            |                                        |
| 37                                                       | 11700                                                   | 40.06                 | 79900                                                   | 1.55                                            |                                        |
| 45                                                       | 9510                                                    | 32.55                 | 78000                                                   | 1.90                                            |                                        |
| 53                                                       | 8070                                                    | 27.60                 | 76200                                                   | 2.2                                             | KSA<br>KSAF<br>KS<br>KSF<br>120 D225M4 |
| 30                                                       | 14300                                                   | 48.80                 | 55200                                                   | 0.85                                            |                                        |
| 35                                                       | 12300                                                   | 42.15                 | 56000                                                   | 0.95                                            |                                        |
| 39                                                       | 10900                                                   | 37.28                 | 56200                                                   | 1.10                                            |                                        |
| 47                                                       | 9160                                                    | 31.33                 | 56100                                                   | 1.30                                            |                                        |
| 58                                                       | 7400                                                    | 25.30                 | 55400                                                   | 1.60                                            |                                        |
| 55                                                       | 7850                                                    | 26.86                 | 55700                                                   | 1.10                                            | KSA<br>KSAF<br>KS<br>KSF<br>120 D225M4 |
| 60                                                       | 7180                                                    | 24.57                 | 55300                                                   | 1.20                                            |                                        |
| 69                                                       | 6250                                                    | 21.38                 | 54500                                                   | 1.90                                            |                                        |
| 78                                                       | 5520                                                    | 18.87                 | 53700                                                   | 2.0                                             |                                        |
| 90                                                       | 4780                                                    | 16.36                 | 52600                                                   | 2.3                                             |                                        |
| 101                                                      | 4250                                                    | 14.55                 | 51600                                                   | 2.6                                             |                                        |
| 117                                                      | 3670                                                    | 12.54                 | 50300                                                   | 2.7                                             |                                        |
| 144                                                      | 2980                                                    | 10.19                 | 48400                                                   | 3.2                                             |                                        |
| 166                                                      | 2590                                                    | 8.86                  | 46600                                                   | 2.7                                             |                                        |
| 186                                                      | 2300                                                    | 7.88                  | 45500                                                   | 2.6                                             | KSA<br>KSAF<br>KS<br>KSF<br>100 D225M4 |
| 216                                                      | 1990                                                    | 6.80                  | 44000                                                   | 3.5                                             |                                        |
| 266                                                      | 1610                                                    | 5.52                  | 42000                                                   | 3.7                                             |                                        |
| 53                                                       | 8060                                                    | 27.57                 | 32400                                                   | 0.95                                            | KSA<br>KSAF<br>KS<br>KSF<br>150 D225M4 |
| 58                                                       | 7350                                                    | 25.14                 | 32800                                                   | 1.05                                            |                                        |
| 68                                                       | 6360                                                    | 21.76                 | 33200                                                   | 1.25                                            |                                        |
| 77                                                       | 5610                                                    | 19.20                 | 33300                                                   | 1.40                                            |                                        |
| 89                                                       | 4850                                                    | 16.58                 | 33300                                                   | 1.60                                            |                                        |
| 100                                                      | 4290                                                    | 14.67                 | 33100                                                   | 1.80                                            |                                        |
| 119                                                      | 3600                                                    | 12.33                 | 32700                                                   | 1.95                                            |                                        |
| 148                                                      | 2910                                                    | 9.96                  | 31900                                                   | 2.2                                             |                                        |
| 152                                                      | 2830                                                    | 9.69                  | 31000                                                   | 1.75                                            |                                        |
| 176                                                      | 2450                                                    | 8.37                  | 30400                                                   | 1.95                                            | KSA<br>KSAF<br>KS<br>KSF<br>150 D250M4 |
| 199                                                      | 2160                                                    | 7.40                  | 29900                                                   | 2.1                                             |                                        |
| 236                                                      | 1820                                                    | 6.22                  | 29100                                                   | 2.5                                             |                                        |
| 53                                                       | 8060                                                    | 27.57                 | 32400                                                   | 0.95                                            | KSA<br>KSAF<br>KS<br>KSF<br>100 D225M4 |
| 58                                                       | 7350                                                    | 25.14                 | 32800                                                   | 1.05                                            |                                        |
| 68                                                       | 6360                                                    | 21.76                 | 33200                                                   | 1.25                                            |                                        |
| 77                                                       | 5610                                                    | 19.20                 | 33300                                                   | 1.40                                            |                                        |
| 89                                                       | 4850                                                    | 16.58                 | 33300                                                   | 1.60                                            |                                        |
| 100                                                      | 4290                                                    | 14.67                 | 33100                                                   | 1.80                                            |                                        |
| 119                                                      | 3600                                                    | 12.33                 | 32700                                                   | 1.95                                            |                                        |
| 148                                                      | 2910                                                    | 9.96                  | 31900                                                   | 2.2                                             |                                        |
| 152                                                      | 2830                                                    | 9.69                  | 31000                                                   | 1.75                                            |                                        |
| 176                                                      | 2450                                                    | 8.37                  | 30400                                                   | 1.95                                            | KSA<br>KSAF<br>KS<br>KSF<br>100 D225M4 |
| 199                                                      | 2160                                                    | 7.40                  | 29900                                                   | 2.1                                             |                                        |
| 236                                                      | 1820                                                    | 6.22                  | 29100                                                   | 2.5                                             |                                        |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br><br>Model         |     |         |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------------------|-----|---------|
| 45kW                                                     |                                                         |                       |                                                         |                                                 |                          |     |         |
| 22                                                       | 20000                                                   | 68.28                 | 81300                                                   | 0.90                                            | KSA<br>KSAF<br>KS<br>KSF | 150 | D 225M4 |
| 24                                                       | 17600                                                   | 60.25                 | 81600                                                   | 1.00                                            |                          |     |         |
| 28                                                       | 15300                                                   | 52.24                 | 81300                                                   | 1.20                                            |                          |     |         |
| 32                                                       | 13600                                                   | 46.48                 | 80900                                                   | 1.30                                            |                          |     |         |
| 37                                                       | 11700                                                   | 40.06                 | 79900                                                   | 1.55                                            |                          |     |         |
| 45                                                       | 9510                                                    | 32.55                 | 78000                                                   | 1.90                                            |                          |     |         |
| 53                                                       | 8070                                                    | 27.60                 | 76200                                                   | 2.2                                             |                          |     |         |
|                                                          |                                                         |                       |                                                         |                                                 |                          |     |         |
| 30                                                       | 14300                                                   | 48.80                 | 55200                                                   | 0.85                                            | KSA<br>KSAF<br>KS<br>KSF | 120 | D 225M4 |
| 35                                                       | 12300                                                   | 42.15                 | 56000                                                   | 0.95                                            |                          |     |         |
| 39                                                       | 10900                                                   | 37.28                 | 56200                                                   | 1.10                                            |                          |     |         |
| 47                                                       | 9160                                                    | 31.33                 | 56100                                                   | 1.30                                            |                          |     |         |
| 58                                                       | 7400                                                    | 25.30                 | 55400                                                   | 1.60                                            |                          |     |         |
|                                                          |                                                         |                       |                                                         |                                                 |                          |     |         |
| 55                                                       | 7850                                                    | 26.86                 | 55700                                                   | 1.10                                            | KSA<br>KSAF<br>KS<br>KSF | 120 | D 225M4 |
| 60                                                       | 7180                                                    | 24.57                 | 55300                                                   | 1.20                                            |                          |     |         |
| 69                                                       | 6250                                                    | 21.38                 | 54500                                                   | 1.90                                            |                          |     |         |
| 78                                                       | 5520                                                    | 18.87                 | 53700                                                   | 2.0                                             |                          |     |         |
| 90                                                       | 4780                                                    | 16.36                 | 52600                                                   | 2.3                                             |                          |     |         |
| 101                                                      | 4250                                                    | 14.55                 | 51600                                                   | 2.6                                             |                          |     |         |
| 117                                                      | 3670                                                    | 12.54                 | 50300                                                   | 2.7                                             |                          |     |         |
| 144                                                      | 2980                                                    | 10.19                 | 48400                                                   | 3.2                                             |                          |     |         |
| 166                                                      | 2590                                                    | 8.86                  | 46600                                                   | 2.7                                             |                          |     |         |
| 186                                                      | 2300                                                    | 7.88                  | 45500                                                   | 2.6                                             |                          |     |         |
| 216                                                      | 1990                                                    | 6.80                  | 44000                                                   | 3.5                                             |                          |     |         |
| 266                                                      | 1610                                                    | 5.52                  | 42000                                                   | 3.7                                             |                          |     |         |
|                                                          |                                                         |                       |                                                         |                                                 |                          |     |         |
| 53                                                       | 8060                                                    | 27.57                 | 32400                                                   | 0.95                                            | KSA<br>KSAF<br>KS<br>KSF | 100 | D 225M4 |
| 58                                                       | 7350                                                    | 25.14                 | 32800                                                   | 1.05                                            |                          |     |         |
| 68                                                       | 6360                                                    | 21.76                 | 33200                                                   | 1.25                                            |                          |     |         |
| 77                                                       | 5610                                                    | 19.20                 | 33300                                                   | 1.40                                            |                          |     |         |
| 89                                                       | 4850                                                    | 16.58                 | 33300                                                   | 1.60                                            |                          |     |         |
| 100                                                      | 4290                                                    | 14.67                 | 33100                                                   | 1.80                                            |                          |     |         |
|                                                          |                                                         |                       |                                                         |                                                 |                          |     |         |
| 119                                                      | 3600                                                    | 12.33                 | 32700                                                   | 1.95                                            | KSA<br>KSAF<br>KS<br>KSF | 100 | D 225M4 |
| 148                                                      | 2910                                                    | 9.96                  | 31900                                                   | 2.2                                             |                          |     |         |
| 152                                                      | 2830                                                    | 9.69                  | 31000                                                   | 1.75                                            |                          |     |         |
| 176                                                      | 2450                                                    | 8.37                  | 30400                                                   | 1.95                                            |                          |     |         |
| 199                                                      | 2160                                                    | 7.40                  | 29900                                                   | 2.1                                             |                          |     |         |
| 236                                                      | 1820                                                    | 6.22                  | 29100                                                   | 2.5                                             |                          |     |         |
|                                                          |                                                         |                       |                                                         |                                                 |                          |     |         |
| 55kW                                                     |                                                         |                       |                                                         |                                                 |                          |     |         |
| 24                                                       | 21500                                                   | 60.25                 | 73800                                                   | 0.85                                            | KSA<br>KSAF<br>KS<br>KSF | 150 |         |
| 28                                                       | 18600                                                   | 52.24                 | 74600                                                   | 0.95                                            |                          |     |         |
| 32                                                       | 16500                                                   | 46.48                 | 74800                                                   | 1.10                                            |                          |     |         |
| 37                                                       | 14300                                                   | 40.06                 | 74700                                                   | 1.25                                            |                          |     |         |
| 45                                                       | 11600                                                   | 32.55                 | 73800                                                   | 1.55                                            |                          |     |         |
| 53                                                       | 9830                                                    | 27.60                 | 72600                                                   | 1.85                                            |                          |     |         |
|                                                          |                                                         |                       |                                                         |                                                 |                          |     |         |
| 52                                                       | 10200                                                   | 28.60                 | 72900                                                   | 1.65                                            | KSA<br>KSAF<br>KS<br>KSF | 150 | D 250M4 |
| 58                                                       | 9060                                                    | 25.43                 | 71600                                                   | 1.65                                            |                          |     |         |
| 67                                                       | 7890                                                    | 22.16                 | 70600                                                   | 2.3                                             |                          |     |         |
| 75                                                       | 7040                                                    | 19.77                 | 69400                                                   | 2.4                                             |                          |     |         |
| 88                                                       | 6000                                                    | 16.85                 | 67600                                                   | 3.0                                             | KSA<br>KSAF<br>KS<br>KSF | 120 | D 250M4 |
| 40                                                       | 13300                                                   | 37.28                 | 50600                                                   | 0.90                                            |                          |     |         |
| 47                                                       | 11200                                                   | 31.33                 | 51400                                                   | 1.10                                            |                          |     |         |
| 58                                                       | 9010                                                    | 25.30                 | 51600                                                   | 1.35                                            |                          |     |         |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m |
|----------------------------------------------------------|--------------------------------------------------------|
|----------------------------------------------------------|--------------------------------------------------------|



| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br><br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br><br>Model         |             |
|----------------------------------------------------------|---------------------------------------------------------|---------------------------|---------------------------------------------------------|-------------------------------------------------|--------------------------|-------------|
| 90kW                                                     |                                                         |                           |                                                         |                                                 |                          |             |
| 69                                                       | 12400                                                   | 21.38                     | 38800                                                   | 0.95                                            | KSA<br>KSAF<br>KS<br>KSF | 120 D280M4  |
| 78                                                       | 11000                                                   | 18.87                     | 40900                                                   | 1.00                                            |                          |             |
| 90                                                       | 9500                                                    | 16.36                     | 41500                                                   | 1.15                                            |                          |             |
| 102                                                      | 8450                                                    | 14.55                     | 41700                                                   | 1.30                                            |                          |             |
| 118                                                      | 7280                                                    | 12.54                     | 41800                                                   | 1.35                                            |                          |             |
| 145                                                      | 5920                                                    | 10.19                     | 41400                                                   | 1.60                                            |                          |             |
| 167                                                      | 5150                                                    | 8.86                      | 40100                                                   | 1.35                                            |                          |             |
| 188                                                      | 4580                                                    | 7.88                      | 39700                                                   | 1.30                                            |                          |             |
| 218                                                      | 3950                                                    | 6.80                      | 39000                                                   | 1.75                                            |                          |             |
| 268                                                      | 3210                                                    | 5.52                      | 37900                                                   | 1.85                                            |                          |             |
| 316                                                      | 2720                                                    | 4.68                      | 36900                                                   | 2.2                                             |                          |             |
| 110kW                                                    |                                                         |                           |                                                         |                                                 |                          |             |
| 54                                                       | 19500                                                   | 27.60                     | 53100                                                   | 0.90                                            | KSA                      | 150 D315S4  |
|                                                          |                                                         |                           |                                                         |                                                 | KSAF                     | 150 D315S4  |
|                                                          |                                                         |                           |                                                         |                                                 | KS                       | 150 D315S4  |
|                                                          |                                                         |                           |                                                         |                                                 | KSF                      | 150 D315S4  |
| 67                                                       | 15700                                                   | 22.16                     | 54900                                                   | 1.15                                            | KSA<br>KSAF<br>KS<br>KSF | 150 D315S4  |
| 75                                                       | 14000                                                   | 19.77                     | 55400                                                   | 1.20                                            |                          |             |
| 88                                                       | 11900                                                   | 16.85                     | 55600                                                   | 1.50                                            |                          |             |
| 106                                                      | 9880                                                    | 13.96                     | 55300                                                   | 1.70                                            |                          |             |
| 125                                                      | 8430                                                    | 11.92                     | 54700                                                   | 1.90                                            |                          |             |
| 132kW                                                    |                                                         |                           |                                                         |                                                 |                          |             |
| 67                                                       | 18800                                                   | 22.16                     | 48700                                                   | 0.95                                            | KSA<br>KSAF<br>KS<br>KSF | 150 D315M4  |
| 75                                                       | 16800                                                   | 19.77                     | 49800                                                   | 1.00                                            |                          |             |
| 88                                                       | 14300                                                   | 16.85                     | 50900                                                   | 1.25                                            |                          |             |
| 106                                                      | 11900                                                   | 13.96                     | 51400                                                   | 1.45                                            |                          |             |
| 125                                                      | 10100                                                   | 11.92                     | 51400                                                   | 1.60                                            |                          |             |
| 160kW                                                    |                                                         |                           |                                                         |                                                 |                          |             |
| 88                                                       | 17300                                                   | 16.85                     | 44800                                                   | 1.05                                            | KSA<br>KSAF<br>KS<br>KSF | 150 D132M4a |
| 106                                                      | 14400                                                   | 13.96                     | 46400                                                   | 1.20                                            |                          |             |
| 125                                                      | 12300                                                   | 11.92                     | 47100                                                   | 1.30                                            |                          |             |
|                                                          |                                                         |                           |                                                         |                                                 |                          |             |
| 200kW                                                    |                                                         |                           |                                                         |                                                 |                          |             |
| 88                                                       | 21700                                                   | 16.85                     | 36100                                                   | 0.85                                            | KSA<br>KSAF<br>KS<br>KSF | 150 D315M4b |
| 106                                                      | 18000                                                   | 13.96                     | 39200                                                   | 0.95                                            |                          |             |
| 125                                                      | 15300                                                   | 11.92                     | 41000                                                   | 1.05                                            |                          |             |
|                                                          |                                                         |                           |                                                         |                                                 |                          |             |

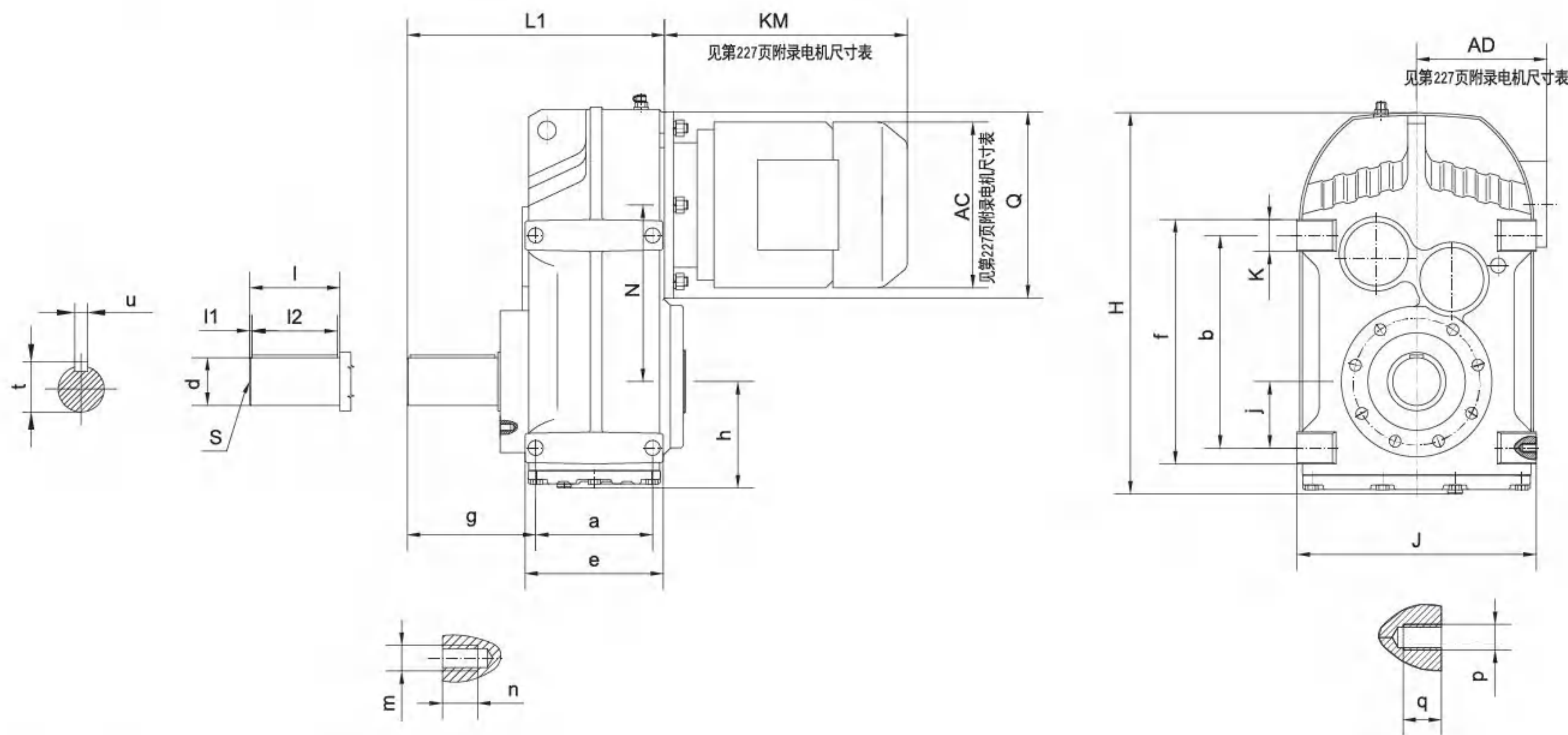
This image shows a full page of blank graph paper. The grid consists of small, equal-sized squares formed by thin, light gray lines. The grid covers the entire area of the page, leaving no margins or other markings.



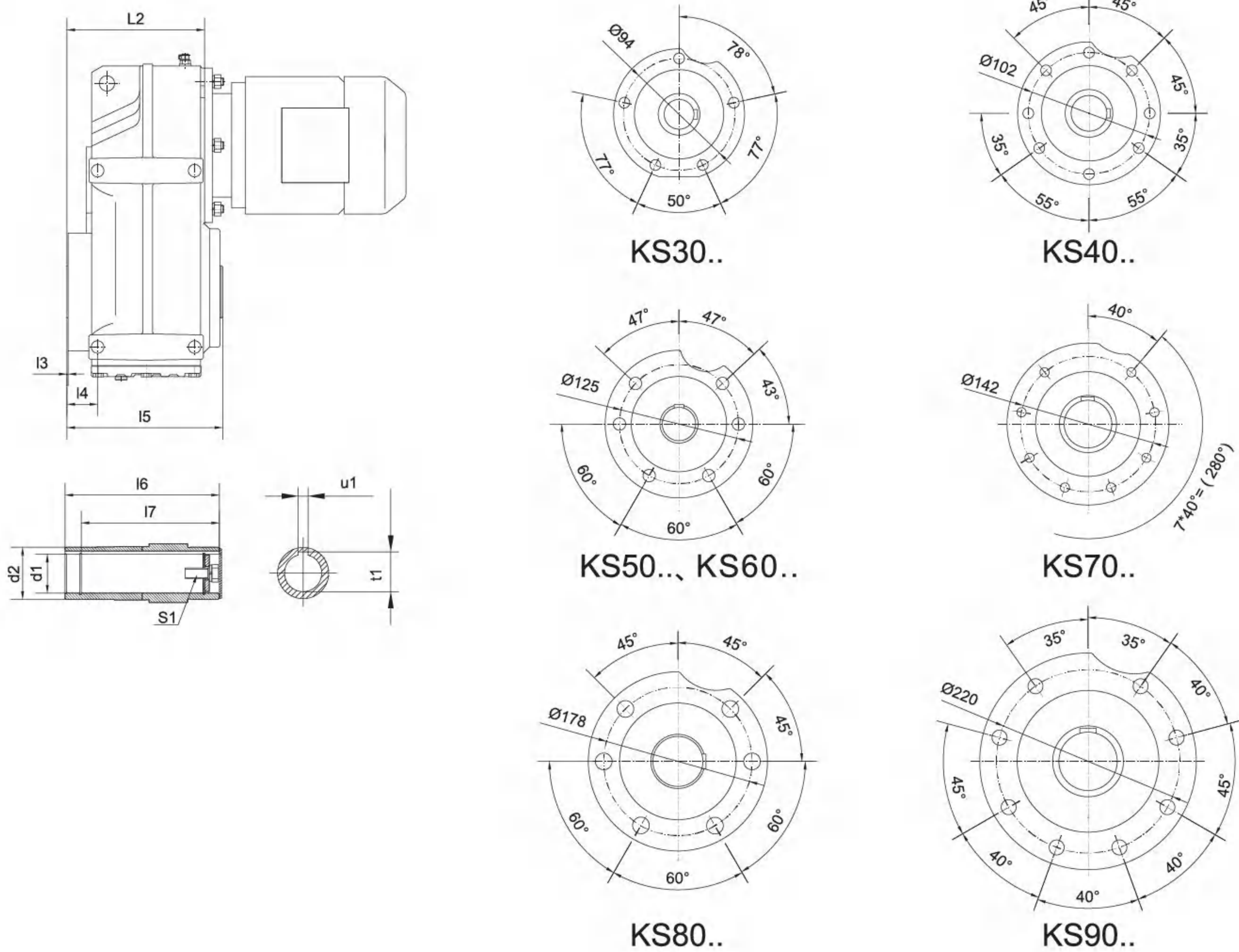
| 型号<br>Model          | a<br>b     | e<br>f     | g     | h   | j   | k  | m<br>n    | P<br>q    | 轴伸尺寸 Shaft dimension |     |                                  |     |            |
|----------------------|------------|------------|-------|-----|-----|----|-----------|-----------|----------------------|-----|----------------------------------|-----|------------|
|                      |            |            |       |     |     |    |           |           | d                    | l   | l <sub>1</sub><br>l <sub>2</sub> | s   | t<br>u     |
| KS30..<br>KSA30B..   | 77<br>115  | 95<br>135  | 72.5  | 76  | 31  | 20 | M8<br>11  | M8<br>11  | 25k6                 | 50  | 5<br>40                          | M10 | 28<br>8    |
| KS40..<br>KSA40B..   | 93<br>145  | 109<br>165 | 91    | 77  | 43  | 20 | M8<br>11  | M10<br>15 | 30k6                 | 60  | 3.5<br>50                        | M10 | 33<br>8    |
| KS50..<br>KSA50B..   | 102<br>170 | 126<br>195 | 104.5 | 93  | 55  | 25 | M12<br>17 | M12<br>17 | 35k6                 | 70  | 7<br>56                          | M12 | 38<br>10   |
| KS60..<br>KSA60B..   | 112<br>190 | 131<br>215 | 118.5 | 97  | 60  | 25 | M12<br>17 | M12<br>17 | 40k6                 | 80  | 5<br>70                          | M16 | 43<br>12   |
| KS70..<br>KSA70B..   | 140<br>240 | 165<br>275 | 137.5 | 121 | 70  | 35 | M12<br>17 | M16<br>26 | 50k6                 | 100 | 10<br>80                         | M16 | 53.5<br>14 |
| KS80..<br>KSA80B..   | 165<br>310 | 195<br>350 | 163   | 152 | 100 | 40 | M16<br>26 | M16<br>26 | 60m6                 | 120 | 5<br>110                         | M20 | 64<br>18   |
| KS90..<br>KSA90B..   | 205<br>350 | 240<br>400 | 190.5 | 178 | 120 | 50 | M16<br>26 | M20<br>28 | 70m6                 | 140 | 7.5<br>125                       | M20 | 74.5<br>20 |
| KS100..<br>KSA100B.. | 220<br>400 | 260<br>460 | 241.5 | 200 | 125 | 60 | /         | M24<br>36 | 90m6                 | 170 | 5<br>160                         | M24 | 95<br>25   |
| KS120..<br>KSA120B.. | 270<br>450 | 316<br>520 | 291   | 236 | 142 | 70 | /         | M30<br>45 | 110m6                | 210 | 15<br>180                        | M24 | 116<br>28  |
| KS150..<br>KSA150B.. | 310<br>540 | 364<br>620 | 325   | 286 | 170 | 80 | /         | M36<br>55 | 120m6                | 210 | 5<br>200                         | M24 | 127<br>32  |

| 型号<br>Model          | 空心轴尺寸 Hollow shaft dimension |     |                                  |     |            |    |        |             | HJ          | L1  | L2  | N     | Q   |
|----------------------|------------------------------|-----|----------------------------------|-----|------------|----|--------|-------------|-------------|-----|-----|-------|-----|
|                      | d1                           | d2  | l <sub>3</sub><br>l <sub>4</sub> | l5  | l6<br>l7   | l8 | s1     | t1<br>u1    |             |     |     |       |     |
| KS30..<br>KSA30B..   | 30H7                         | 45  | 2.5<br>22.5                      | 123 | 120<br>105 | 17 | M10X25 | 33.3<br>8   | 252<br>165  | 160 | 110 | 112   | 120 |
| KS40..<br>KSA40B..   | 35H7                         | 50  | 3<br>31                          | 153 | 150<br>132 | 22 | M12X30 | 38.3<br>10  | 269<br>180  | 193 | 133 | 128.1 | 120 |
| KS50..<br>KSA50B..   | 40H7                         | 55  | 3<br>33.5                        | 170 | 166<br>142 | 29 | M16X40 | 43.3<br>12  | 317<br>200  | 221 | 150 | 136   | 160 |
| KS60..<br>KSA60B..   | 40H7                         | 55  | 3.5<br>37                        | 184 | 180<br>156 | 29 | M16X40 | 43.3<br>12  | 343<br>212  | 242 | 161 | 159.5 | 160 |
| KS70..<br>KSA70B..   | 50H7                         | 70  | 4<br>36.5                        | 213 | 210<br>183 | 32 | M16X45 | 53.8<br>14  | 426<br>270  | 294 | 193 | 200   | 200 |
| KS80..<br>KSA80B..   | 60H7                         | 85  | 4<br>43                          | 243 | 240<br>210 | 36 | M20X50 | 64.4<br>18  | 531<br>330  | 344 | 224 | 246.7 | 250 |
| KS90..<br>KSA90B..   | 70H7                         | 95  | 4<br>48.5                        | 303 | 300<br>270 | 34 | M20X50 | 74.9<br>20  | 623<br>400  | 416 | 274 | 285   | 300 |
| KS100..<br>KSA100B.. | 90H7                         | 118 | 2.5<br>69.5                      | 353 | 350<br>313 | 40 | M24X60 | 95.4<br>25  | 717<br>450  | 484 | 312 | 332.4 | 350 |
| KS120..<br>KSA120B.. | 100H7                        | 135 | 2.5<br>79.25                     | 413 | 410<br>373 | 38 | M24X60 | 106.4<br>28 | 856<br>530  | 585 | 373 | 382.6 | 450 |
| KS150..<br>KSA150B.. | 120H7                        | 155 | 7<br>118                         | 503 | 500<br>460 | 36 | M24X60 | 127.4<br>32 | 1021<br>660 | 662 | 455 | 447   | 550 |

**KS30..~KS150..**



**KSA30B..~KSA150B..**

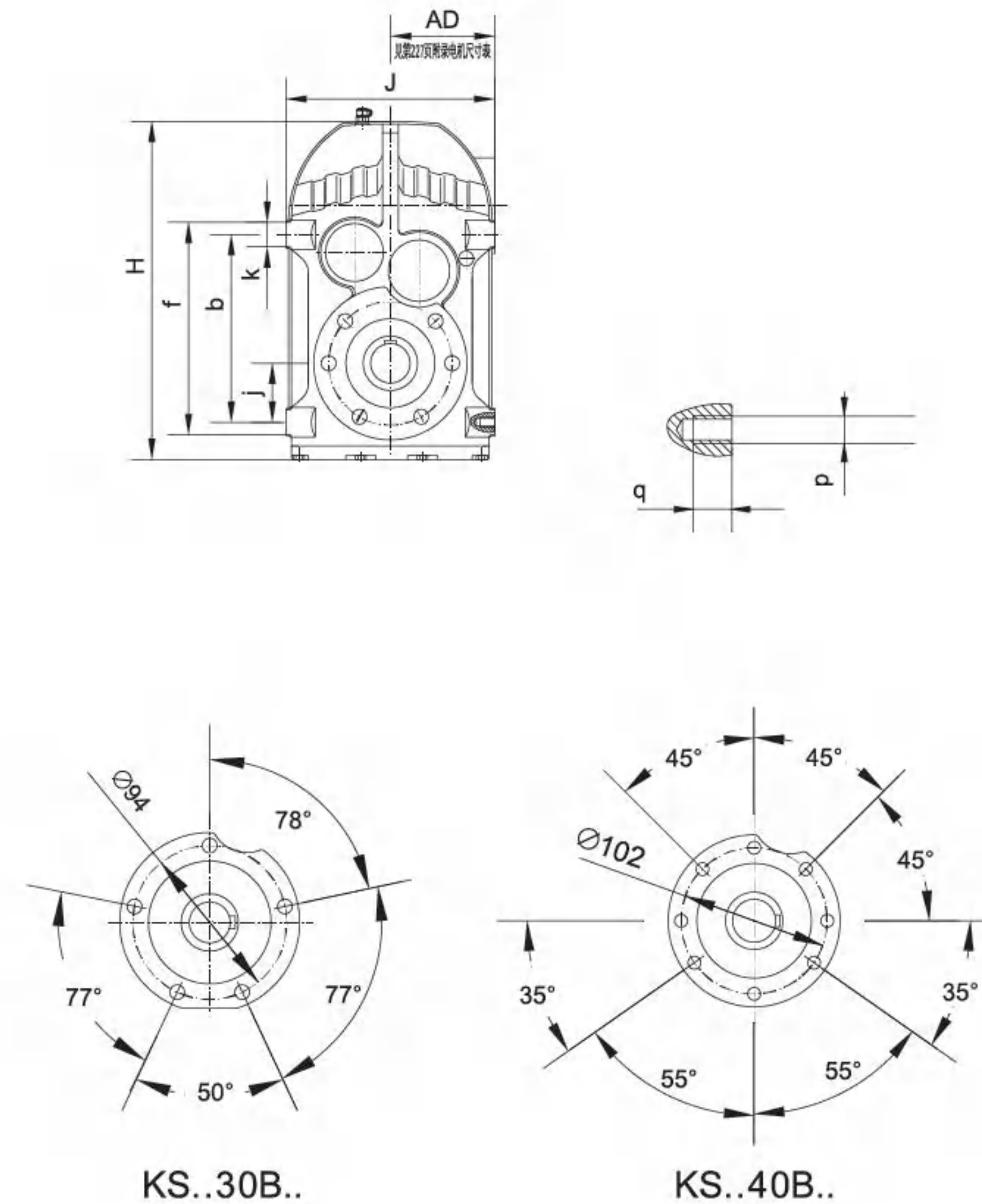
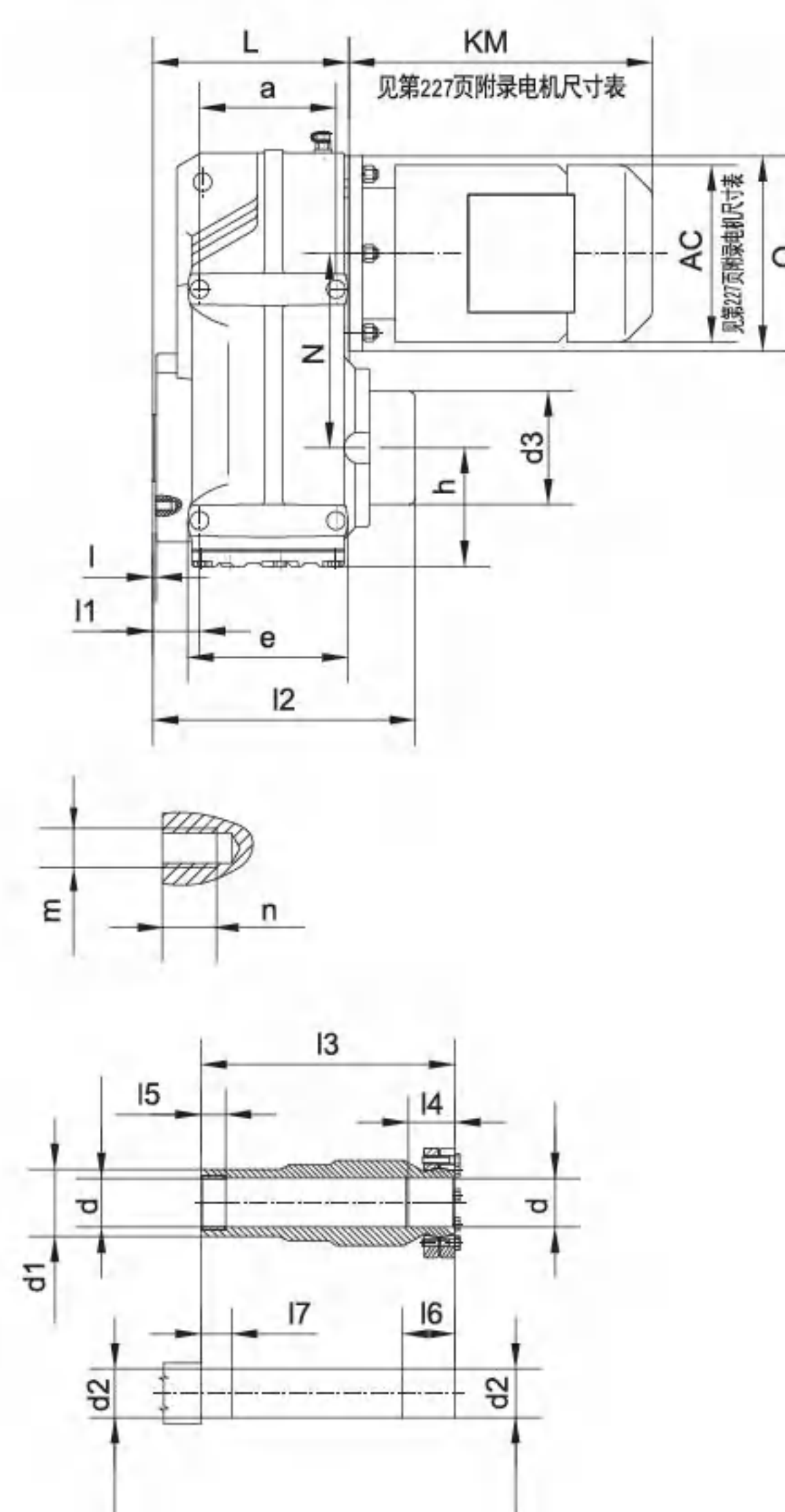




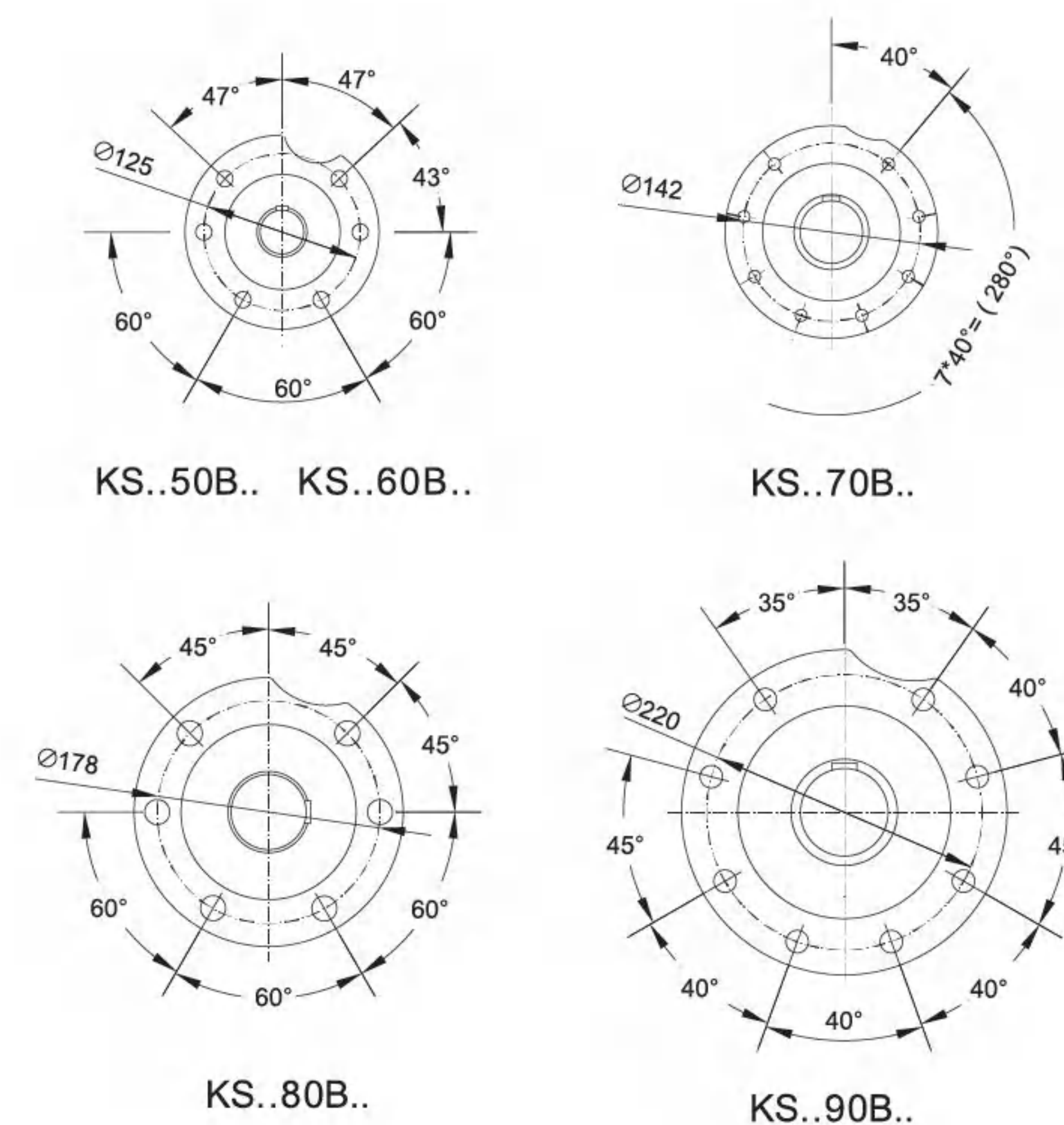
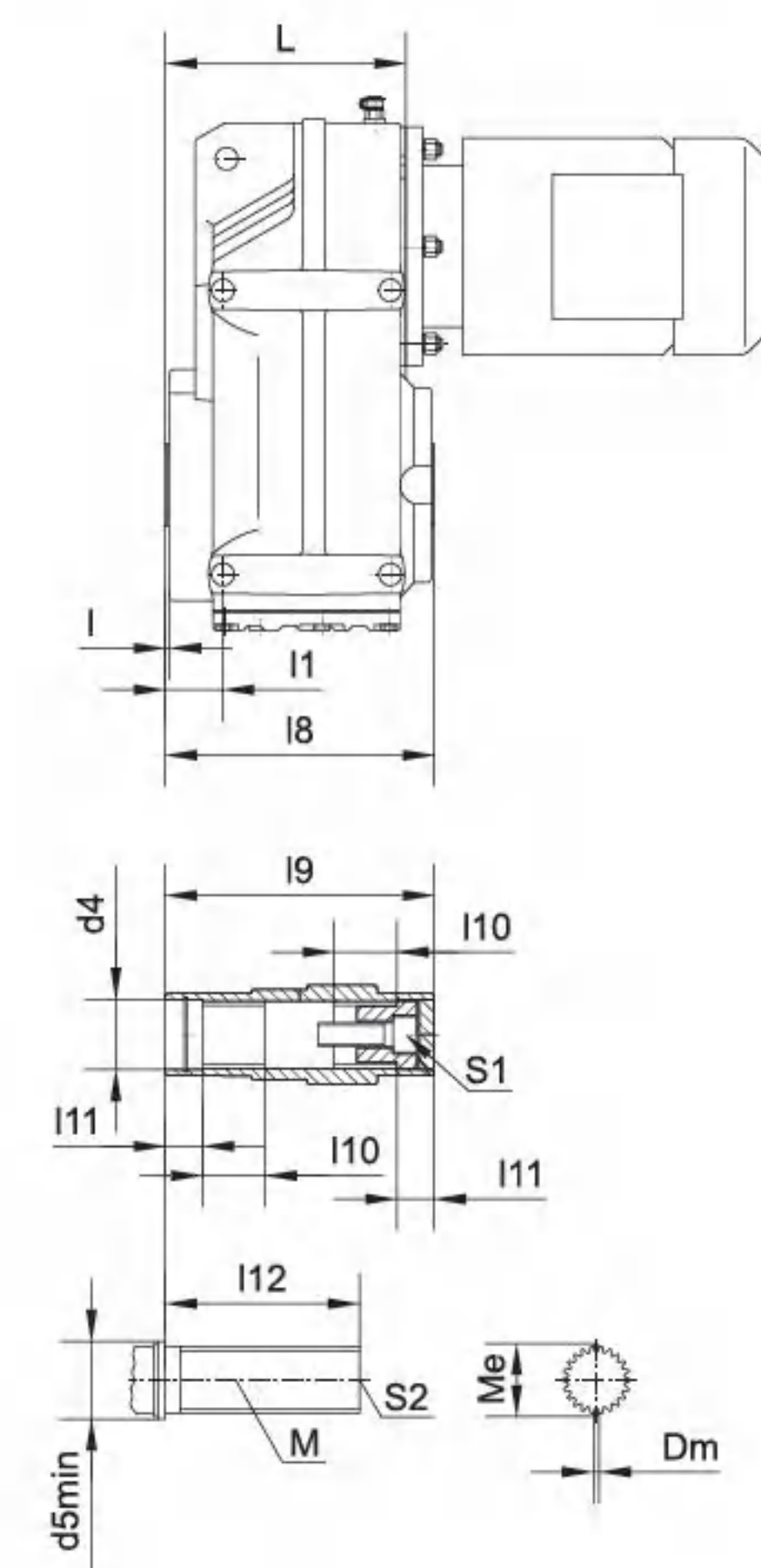
| 型号<br>Model            | a<br>b     | e<br>f     | h   | j<br>k    | m<br>n    | P<br>q    | l<br>l <sub>1</sub> | l <sub>2</sub><br>d <sub>3</sub> | H<br>J      | N<br>Q       | L   | l <sub>8</sub> |
|------------------------|------------|------------|-----|-----------|-----------|-----------|---------------------|----------------------------------|-------------|--------------|-----|----------------|
| KSH30B..<br>KSV30B..   | 77<br>115  | 95<br>135  | 76  | 31<br>20  | M8<br>11  | M8<br>11  | 2.5<br>22.5         | 155<br>75                        | 252<br>165  | 112<br>120   | 110 | 122            |
| KSH40B..<br>KSV40B..   | 93<br>145  | 109<br>165 | 77  | 43<br>20  | M8<br>11  | M10<br>15 | 3<br>31             | 184<br>83                        | 269<br>180  | 128.1<br>120 | 133 | 152            |
| KSH50B..<br>KSV50B..   | 102<br>170 | 126<br>195 | 93  | 55<br>25  | M12<br>17 | M12<br>17 | 3<br>33.5           | 200<br>83                        | 317<br>200  | 136<br>160   | 150 | 168            |
| KSH60B..<br>KSV60B..   | 112<br>190 | 131<br>215 | 97  | 60<br>25  | M12<br>17 | M12<br>17 | 3.5<br>37           | 215.5<br>93                      | 343<br>212  | 159.5<br>160 | 161 | 180            |
| KSH70B..<br>KSV70B..   | 140<br>240 | 165<br>275 | 121 | 70<br>35  | M12<br>17 | M16<br>26 | 4<br>36.5           | 249<br>114                       | 426<br>270  | 200<br>200   | 193 | 210            |
| KSH80B..<br>KSV80B..   | 165<br>310 | 195<br>350 | 152 | 100<br>40 | M16<br>26 | M16<br>26 | 4<br>43             | 291<br>159                       | 531<br>330  | 246.7<br>250 | 224 | 240            |
| KSH90B..<br>KSV90B..   | 205<br>350 | 240<br>400 | 178 | 120<br>50 | M16<br>26 | M20<br>28 | 4<br>48.5           | 357<br>174                       | 623<br>400  | 285<br>300   | 274 | 300            |
| KSH100B..<br>KSV100B.. | 220<br>400 | 260<br>460 | 200 | 125<br>60 | /         | M24<br>36 | 2.5<br>69.5         | 420<br>200                       | 717<br>450  | 332.4<br>350 | 312 | 351            |
| KSH120B..              | 270<br>450 | 316<br>520 | 236 | 142<br>70 | /         | M30<br>45 | 2.5<br>79.25        | 502<br>233                       | 856<br>530  | 382.6<br>450 | 373 | /              |
| KSH150B..              | 310<br>540 | 364<br>620 | 286 | 170<br>80 | /         | M36<br>55 | 7<br>118            | 598<br>275                       | 1021<br>660 | 447<br>550   | 455 | /              |

| 型号<br>Model            | 空心轴尺寸 Hollow shaft dimension     |                                  |                                  |                     |                                   |                                    |                                  |                                  |                                  |               |
|------------------------|----------------------------------|----------------------------------|----------------------------------|---------------------|-----------------------------------|------------------------------------|----------------------------------|----------------------------------|----------------------------------|---------------|
|                        | l <sub>3</sub><br>l <sub>4</sub> | l <sub>5</sub><br>l <sub>6</sub> | l <sub>7</sub><br>d <sub>2</sub> | d<br>d <sub>1</sub> | l <sub>9</sub><br>l <sub>10</sub> | l <sub>11</sub><br>l <sub>12</sub> | d <sub>4</sub><br>d <sub>5</sub> | S <sub>1</sub><br>S <sub>2</sub> | D <sub>m</sub><br>M <sub>e</sub> | M             |
| KSH30B..<br>KSV30B..   | 146<br>31                        | 20<br>36                         | 25<br>30h6                       | 30H7<br>45          | 120<br>25                         | 18<br>85                           | 37 <sup>+0.1</sup><br>42         | M10×30<br>M10                    | 2.75<br>33.03-0.03               | 30×1.25×30×22 |
| KSH40B..<br>KSV40B..   | 177<br>32                        | 20<br>37                         | 25<br>35h6                       | 35H7<br>50          | 150<br>32                         | 18<br>115                          | 37 <sup>+0.1</sup><br>42         | M10×30<br>M10                    | 4<br>38.92-0.03                  | 35×2×30×16    |
| KSH50B..<br>KSV50B..   | 195<br>26                        | 20<br>31                         | 25<br>40h6                       | 40H7<br>55          | 166<br>32                         | 18<br>130                          | 37 <sup>+0.1</sup><br>42         | M10×30<br>M10                    | 4<br>38.92-0.03                  | 35×2×30×16    |
| KSH60B..<br>KSV60B..   | 208<br>38                        | 20<br>43                         | 25<br>40h6                       | 40H7<br>55          | 180<br>42                         | 25<br>130                          | 47 <sup>+0.1</sup><br>52         | M16×50<br>M16                    | 4<br>48.85-0.03                  | 45×2×30×21    |
| KSH70B..<br>KSV70B..   | 241<br>36                        | 30<br>41                         | 35<br>50h6                       | 50H7<br>70          | 210<br>52                         | 23<br>160                          | 57 <sup>+0.1</sup><br>62         | M16×50<br>M16                    | 4<br>54.13-0.03                  | 50×2×30×24    |
| KSH80B..<br>KSV80B..   | 281<br>41                        | 40<br>46                         | 45<br>65h6                       | 65H7<br>85          | 240<br>62                         | 25<br>180                          | 72 <sup>+0.1</sup><br>82         | M20×60<br>M20                    | 4<br>68.96-0.04                  | 65×2×30×31    |
| KSH90B..<br>KSV90B..   | 345<br>55                        | 50<br>60                         | 55<br>75h6                       | 75H7<br>95          | 300<br>72                         | 25<br>240                          | 72 <sup>+0.1</sup><br>90         | M20×60<br>M20                    | 4<br>74.15-0.04                  | 70×2×30×34    |
| KSH100B..<br>KSV100B.. | 405<br>65                        | 60<br>75                         | 70<br>95h6                       | 95H7<br>118         | 350<br>89                         | 26<br>290                          | 90 <sup>+0.1</sup><br>105        | M20×60<br>M20                    | 6<br>90.99-0.04                  | 85×3×30×27    |
| KSH120B..              | 485<br>85                        | 70<br>95                         | 80<br>105h6                      | 105H7<br>135        | /                                 | /                                  | /                                | /                                | /                                | /             |
| KSH150B..              | 580<br>90                        | 80<br>100                        | 90<br>125h6                      | 125H7<br>155        | /                                 | /                                  | /                                | /                                | /                                | /             |

**KSH30B..~KSH150B..**



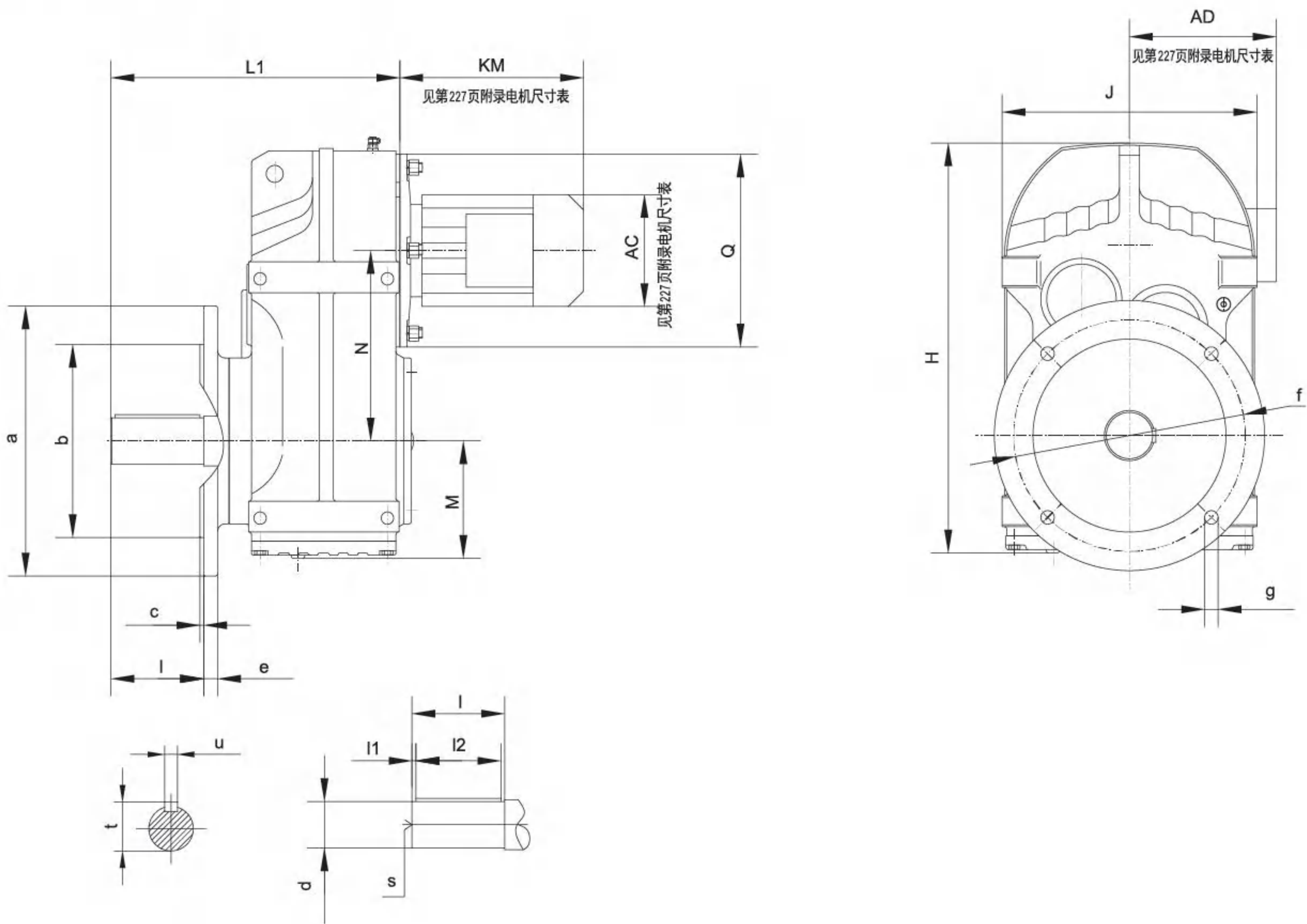
**KSV30B..~KSV100B..**



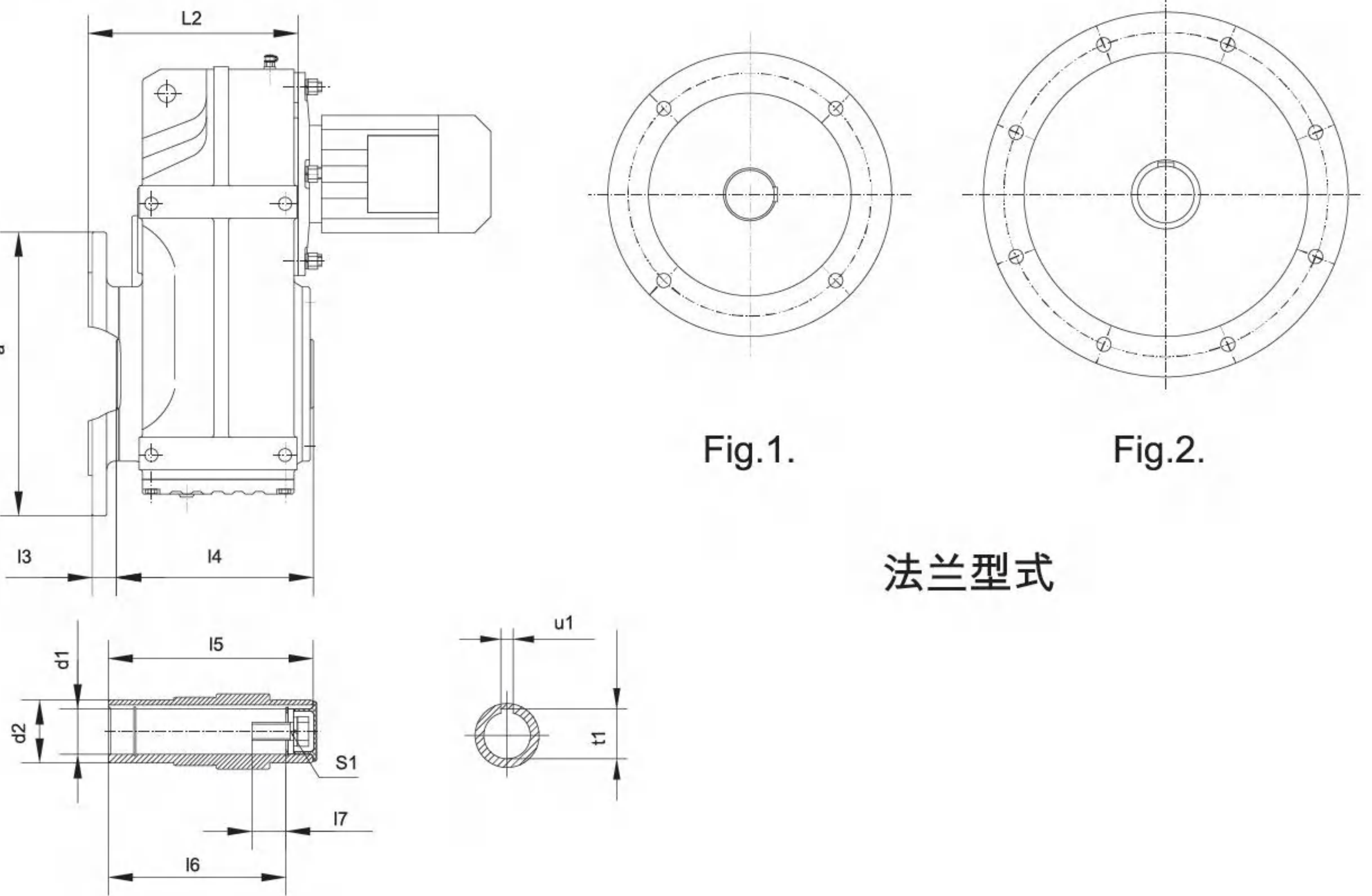


| 型号<br>Model           | 法兰<br>型式<br>flange<br>form | a<br>b       | c<br>e    | f<br>g      | 轴伸尺寸 Shaft dimension |            |     |            | 空心轴尺寸 Hollow Shaft dimension |             |            |              |             | H<br>J      | L1<br>L2   | M<br>N<br>Q         |
|-----------------------|----------------------------|--------------|-----------|-------------|----------------------|------------|-----|------------|------------------------------|-------------|------------|--------------|-------------|-------------|------------|---------------------|
|                       |                            |              |           |             | d<br>l               | l1<br>l2   | s   | t<br>u     | d1<br>d2                     | l3<br>l4    | l5<br>l6   | l7<br>l8     | t1<br>u1    |             |            |                     |
| KSF30..<br>KSAF30..   | Fig.1                      | 160<br>110j6 | 3.5<br>10 | 130<br>9    | 25k6<br>50           | 5<br>40    | M10 | 28<br>8    | 30H7<br>45                   | 24<br>123   | 120<br>105 | 17<br>M10X25 | 33.3<br>8   | 252<br>165  | 184<br>138 | 76<br>112<br>120    |
| KSF40..<br>KSAF40..   | Fig.1                      | 200<br>130j6 | 3.5<br>12 | 165<br>11   | 30k6<br>60           | 3.5<br>50  | M10 | 33<br>8    | 35H7<br>50                   | 25<br>153   | 150<br>132 | 22<br>M12X30 | 38.3<br>10  | 269<br>180  | 218<br>162 | 77<br>128.1<br>120  |
| KSF50..<br>KSAF50..   | Fig.1                      | 250<br>180j6 | 4<br>15   | 215<br>13.5 | 35k6<br>70           | 7<br>56    | M12 | 38<br>10   | 40H7<br>55                   | 23.5<br>170 | 166<br>142 | 29<br>M16X40 | 43.3<br>12  | 317<br>200  | 243<br>177 | 93<br>136<br>160    |
| KSF60..<br>KSAF60..   | Fig.1                      | 250<br>180j6 | 4<br>15   | 215<br>13.5 | 40k6<br>80           | 5<br>70    | M16 | 43<br>12   | 40H7<br>55                   | 23<br>184   | 180<br>156 | 29<br>M16X40 | 43.3<br>12  | 343<br>212  | 264<br>188 | 97<br>159.5<br>160  |
| KSF70..<br>KSAF70..   | Fig.1                      | 300<br>230h6 | 4<br>16   | 265<br>13.5 | 50k6<br>100          | 10<br>80   | M16 | 53.5<br>14 | 50H7<br>70                   | 37<br>213   | 210<br>183 | 32<br>M16X45 | 53.8<br>14  | 426<br>270  | 330<br>234 | 121<br>200<br>200   |
| KSF80..<br>KSAF80..   | Fig.1                      | 350<br>250h6 | 5<br>18   | 300<br>17.5 | 60m6<br>120          | 5<br>110   | M20 | 64<br>18   | 60H7<br>85                   | 30<br>243   | 240<br>210 | 36<br>M20X50 | 64.4<br>18  | 531<br>330  | 374<br>259 | 152<br>246.7<br>250 |
| KSF90..<br>KSAF90..   | Fig.2                      | 450<br>350h6 | 5<br>22   | 400<br>17.5 | 70m6<br>140          | 7.5<br>125 | M20 | 74.5<br>20 | 70H7<br>95                   | 41.5<br>303 | 300<br>270 | 34<br>M20X50 | 74.9<br>20  | 623<br>400  | 456<br>321 | 178<br>285<br>300   |
| KSF100..<br>KSAF100.. | Fig.2                      | 450<br>350h6 | 5<br>22   | 400<br>17.5 | 90m6<br>170          | 5<br>160   | M24 | 95<br>25   | 90H7<br>118                  | 41<br>353   | 350<br>313 | 40<br>M24X60 | 95.4<br>25  | 717<br>450  | 523<br>358 | 200<br>332.4<br>350 |
| KSF120..<br>KSAF120.. | Fig.2                      | 550<br>450h6 | 5<br>25   | 500<br>17.5 | 110m6<br>210         | 15<br>180  | M24 | 116<br>28  | 100H7<br>135                 | 51<br>413   | 410<br>373 | 38<br>M24X60 | 106.4<br>28 | 856<br>530  | 643<br>426 | 236<br>382.6<br>450 |
| KSF150..<br>KSAF150.. | Fig.2                      | 660<br>550h6 | 6<br>28   | 600<br>22   | 120m6<br>210         | 5<br>200   | M24 | 127<br>32  | 120H7<br>155                 | 60<br>503   | 500<br>460 | 36<br>M24X60 | 127.4<br>32 | 1021<br>660 | 725<br>521 | 286<br>447<br>550   |

**KSF30..~KSF150..**



**KSAF30..~KSAF150..**

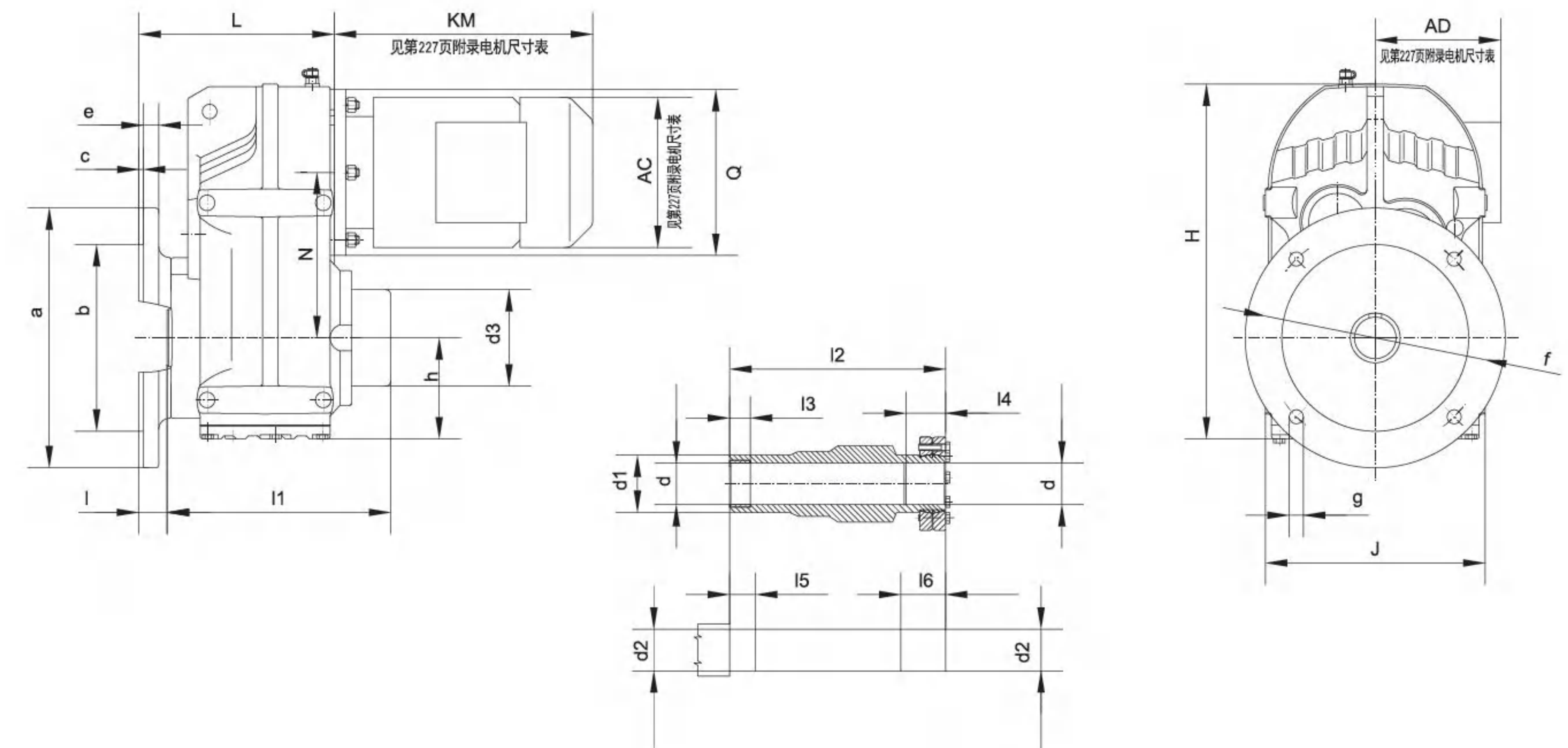


法兰型式

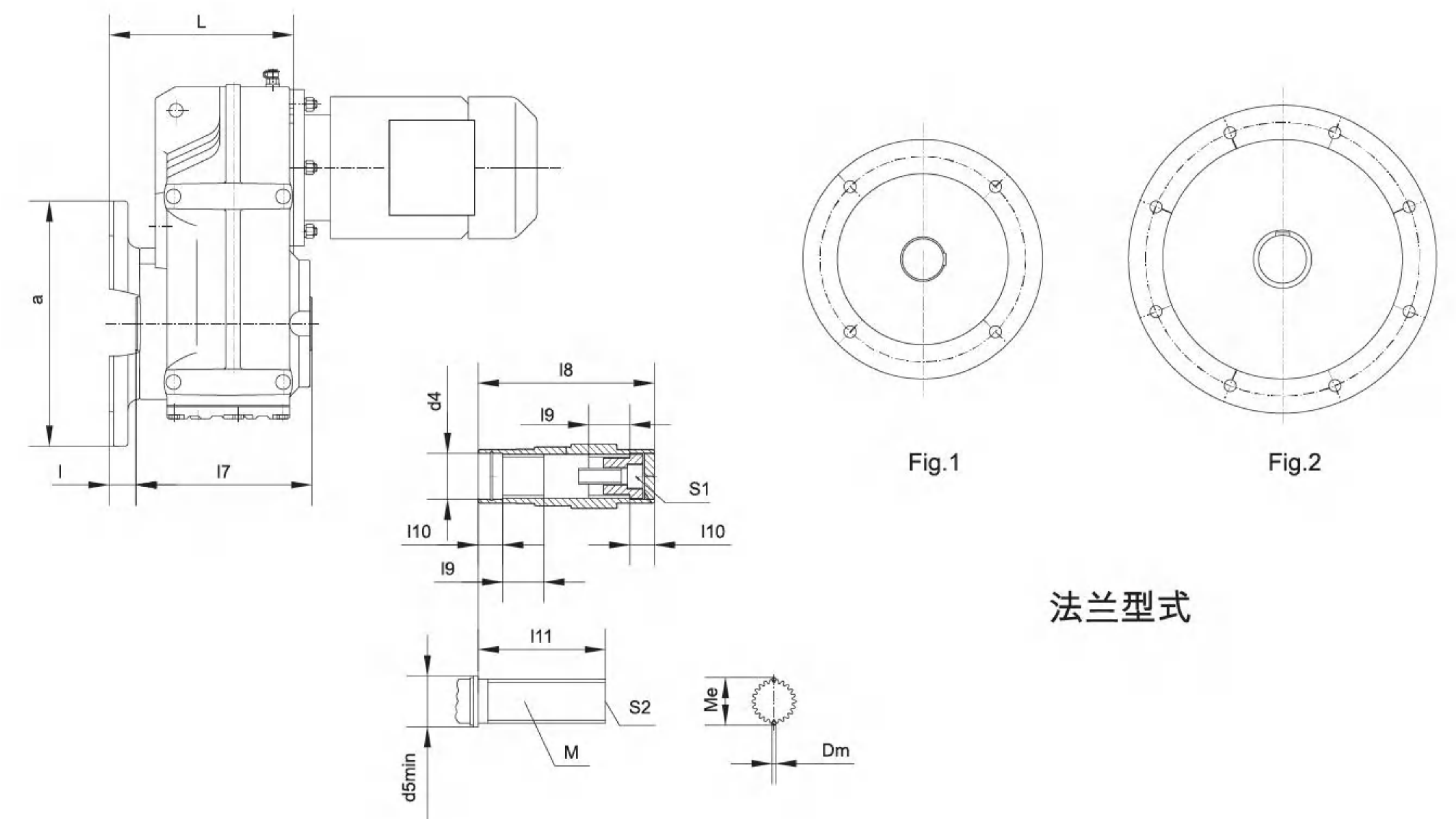


| 型号<br>Model            | 法兰<br>型式<br>flange<br>form | a<br>b<br>f         | c<br>e<br>g     | l<br>l <sub>1</sub><br>l <sub>7</sub> | d <sub>3</sub> | H<br>J<br>h        | L<br>N<br>Q         | 空心轴尺寸 Hollow Shaft dimension                       |                                  |                                  |                                    |                                       |                                  |                                  | D <sub>m</sub><br>M <sub>e</sub><br>M           |
|------------------------|----------------------------|---------------------|-----------------|---------------------------------------|----------------|--------------------|---------------------|----------------------------------------------------|----------------------------------|----------------------------------|------------------------------------|---------------------------------------|----------------------------------|----------------------------------|-------------------------------------------------|
|                        |                            |                     |                 |                                       |                |                    |                     | l <sub>2</sub><br>l <sub>3</sub><br>l <sub>4</sub> | l <sub>5</sub><br>l <sub>6</sub> | l <sub>8</sub><br>l <sub>9</sub> | l <sub>10</sub><br>l <sub>11</sub> | d<br>d <sub>1</sub><br>d <sub>2</sub> | d <sub>4</sub><br>d <sub>5</sub> | S <sub>1</sub><br>S <sub>2</sub> |                                                 |
| KSHF30..<br>KSVF30..   | Fig.1                      | 160<br>110j6<br>130 | 3.5<br>10<br>9  | 24<br>155<br>122                      | 75             | 252<br>165<br>76   | 138<br>112<br>120   | 146<br>20<br>31                                    | 25<br>36                         | 120<br>25                        | 18<br>85                           | 30H7<br>45<br>30h6                    | 37 <sup>+0.1</sup><br>42         | M10×30<br>M10                    | 2.75<br>33.03 <sup>-0.03</sup><br>30×1.25×30×22 |
| KSHF40..<br>KSVF40..   | Fig.1                      | 200<br>130j6<br>165 | 3.5<br>12<br>11 | 25<br>184<br>152                      | 83             | 269<br>180<br>77   | 162<br>128.1<br>120 | 177<br>20<br>32                                    | 25<br>37                         | 150<br>32                        | 18<br>115                          | 35H7<br>50<br>35h6                    | 37 <sup>+0.1</sup><br>42         | M10×30<br>M10                    | 4<br>38.92 <sup>-0.03</sup><br>35×2×30×16       |
| KSHF50..<br>KSVF50..   | Fig.1                      | 250<br>180j6<br>215 | 4<br>15<br>13.5 | 23.5<br>200<br>168                    | 83             | 317<br>200<br>93   | 177<br>136<br>160   | 195<br>20<br>26                                    | 25<br>31                         | 166<br>32                        | 18<br>130                          | 40H7<br>55<br>40h6                    | 37 <sup>+0.1</sup><br>42         | M10×30<br>M10                    | 4<br>38.92 <sup>-0.03</sup><br>35×2×30×16       |
| KSHF60..<br>KSVF60..   | Fig.1                      | 250<br>180j6<br>215 | 4<br>15<br>13.5 | 23<br>215.5<br>180                    | 93             | 343<br>212<br>97   | 188<br>159.5<br>160 | 208<br>20<br>38                                    | 25<br>43                         | 180<br>42                        | 25<br>130                          | 40H7<br>55<br>40h6                    | 47 <sup>+0.1</sup><br>52         | M16×50<br>M16                    | 4<br>48.85 <sup>-0.03</sup><br>45×2×30×21       |
| KSHF70..<br>KSVF70..   | Fig.1                      | 300<br>230h6<br>265 | 4<br>16<br>13.5 | 37<br>249<br>210                      | 114            | 426<br>270<br>121  | 234<br>200<br>200   | 241<br>30<br>36                                    | 35<br>41                         | 210<br>52                        | 23<br>160                          | 50H7<br>70<br>50h6                    | 55 <sup>+0.1</sup><br>62         | M16×50<br>M16                    | 4<br>54.13 <sup>-0.03</sup><br>50×2×30×24       |
| KSHF80..<br>KSVF80..   | Fig.1                      | 350<br>250h6<br>300 | 5<br>18<br>17.5 | 30<br>291<br>240                      | 159            | 531<br>330<br>152  | 259<br>246.7<br>250 | 281<br>40<br>41                                    | 45<br>46                         | 240<br>62                        | 25<br>180                          | 65H7<br>85<br>65h6                    | 72 <sup>+0.1</sup><br>82         | M20×60<br>M20                    | 4<br>68.96 <sup>-0.04</sup><br>65×2×30×31       |
| KSHF90..<br>KSVF90..   | Fig.2                      | 450<br>350h6<br>400 | 5<br>22<br>17.5 | 41.5<br>357<br>300                    | 174            | 623<br>400<br>178  | 321<br>285<br>300   | 345<br>50<br>55                                    | 55<br>60                         | 300<br>72                        | 25<br>240                          | 75H7<br>95<br>75h6                    | 72 <sup>+0.1</sup><br>90         | M20×60<br>M20                    | 4<br>74.15 <sup>-0.04</sup><br>70×2×30×34       |
| KSHF100..<br>KSVF100.. | Fig.2                      | 450<br>350h6<br>400 | 5<br>22<br>17.5 | 41<br>420<br>353                      | 200            | 717<br>450<br>200  | 358<br>332.4<br>350 | 405<br>60<br>65                                    | 70<br>75                         | 350<br>89                        | 26<br>290                          | 95H7<br>118<br>95h6                   | 90 <sup>+0.1</sup><br>105        | M20×60<br>M20                    | 6<br>90.99 <sup>-0.04</sup><br>85×3×30×27       |
| KSHF120..              | Fig.2                      | 550<br>450h6<br>500 | 5<br>25<br>17.5 | 51<br>502<br>/                        | 233            | 856<br>530<br>236  | 429<br>382.6<br>450 | 485<br>70<br>85                                    | 80<br>95                         | /<br>/                           | /<br>/                             | 105H7<br>135<br>105h6                 | /<br>/                           | /<br>/                           | /<br>/                                          |
| KSHF150..              | Fig.2                      | 660<br>550h6<br>600 | 6<br>28<br>22   | 60<br>598<br>/                        | 275            | 1021<br>660<br>286 | 521<br>447<br>550   | 580<br>80<br>90                                    | 90<br>100                        | /<br>/                           | /<br>/                             | 125H7<br>155<br>125h6                 | /<br>/                           | /<br>/                           | /<br>/                                          |

**KSHF30..~KSHF150..**



**KSVF30..~KSVF100..**

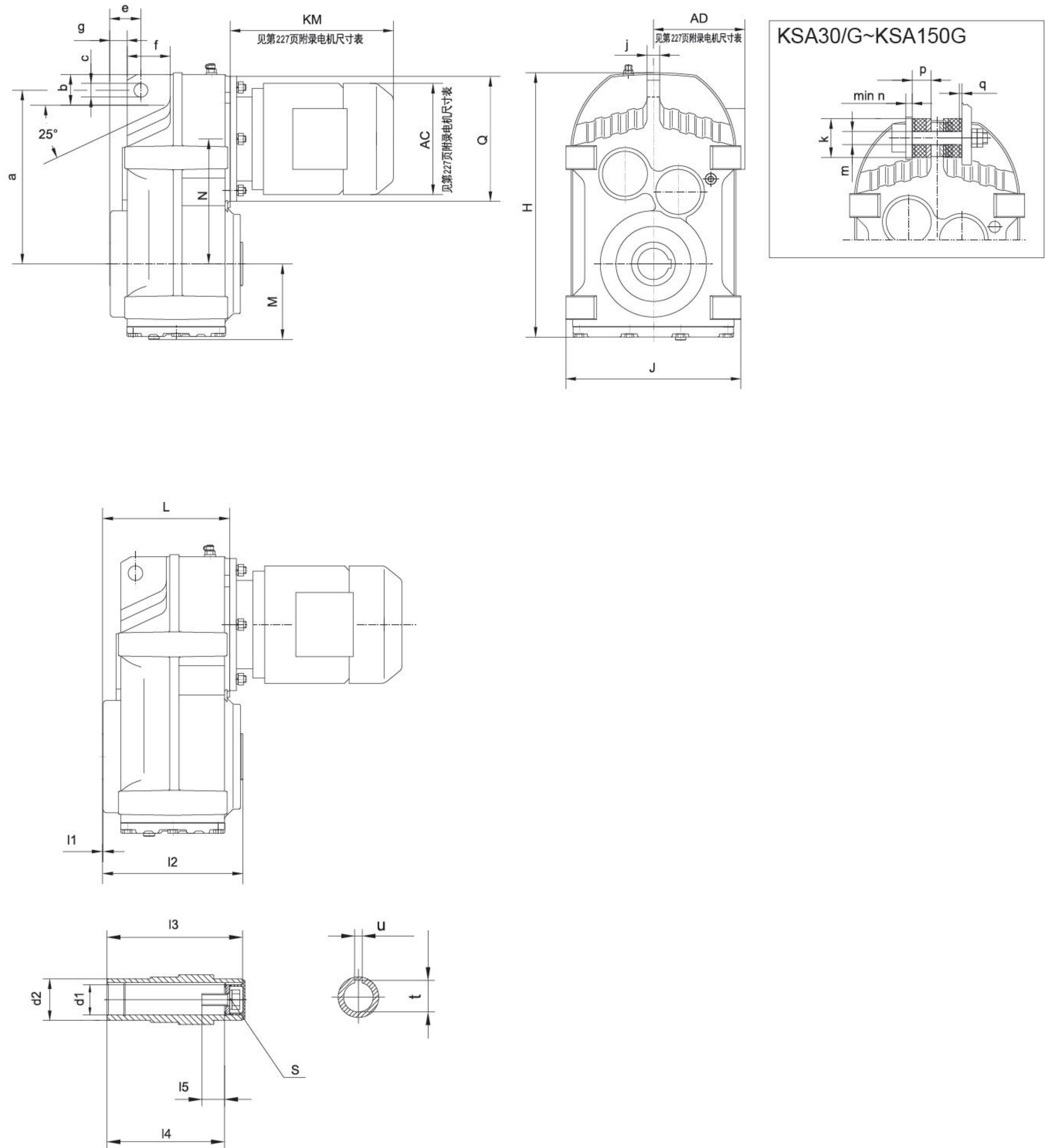


法兰型式



| 型号<br>Model             | a<br>b | c<br>e | f<br>g | 空心轴尺寸 Hollow Shaft dimension |          |          |         |        | 扭矩臂尺寸<br>torque arm form |        | H<br>J | L   | M   | N<br>Q | j  |
|-------------------------|--------|--------|--------|------------------------------|----------|----------|---------|--------|--------------------------|--------|--------|-----|-----|--------|----|
|                         |        |        |        | d1<br>d2                     | l1<br>l2 | l3<br>l4 | l5<br>s | t<br>u | K<br>M<br>N              | p<br>q |        |     |     |        |    |
| KSA30..<br>KS..30/G..   | 158    | 14     | 46     | 30H7                         | 0.5      | 120      | 17      | 33.3   | 40                       | 20     | 252    | 110 | 76  | 112    | 12 |
|                         | 30     | 31.5   | 15     | 45                           | 123      | 105      | M10X25  | 8      | 12.5<br>5                | 1      | 172    |     |     | 120    |    |
| KSA40..<br>KS..40/G..   | 170    | 14     | 64     | 35H7                         | 1        | 150      | 22      | 38.3   | 40                       | 20     | 269    | 133 | 77  | 128.1  | 12 |
|                         | 22     | 32     | 12     | 50                           | 153      | 132      | M10X25  | 10     | 12.5<br>5                | 1.8    | 189    |     |     | 120    |    |
| KSA50..<br>KS..50/G..   | 198    | 14     | 60     | 40H7                         | 1        | 166      | 29      | 43.3   | 40                       | 20     | 317    | 150 | 93  | 136    | 14 |
|                         | 31     | 40.5   | 19.5   | 55                           | 170      | 142      | M16X40  | 12     | 12.5<br>5                | 2.4    | 210    |     |     | 160    |    |
| KSA60..<br>KS..60/G..   | 218    | 14     | 65     | 40H7                         | 1        | 180      | 29      | 43.3   | 40                       | 20     | 343    | 161 | 97  | 159.5  | 16 |
|                         | 40     | 41     | 21     | 55                           | 184      | 156      | M16X40  | 12     | 12.5<br>5                | 3      | 212    |     |     | 160    |    |
| KSA70..<br>KS..70/G..   | 278    | 22     | 69     | 50H7                         | 1        | 210      | 32      | 53.8   | 60                       | 30     | 426    | 193 | 121 | 200    | 20 |
|                         | 49     | 50     | 28     | 70                           | 213      | 183      | M16X45  | 14     | 21<br>10                 | 3.2    | 282    |     |     | 200    |    |
| KSA80..<br>KS..80/G..   | 346    | 22     | 79     | 60H7                         | 1        | 240      | 36      | 64.4   | 60                       | 30     | 531    | 224 | 152 | 246.7  | 26 |
|                         | 57     | 62     | 32     | 85                           | 243      | 210      | M20X50  | 18     | 21<br>10                 | 4.5    | 336    |     |     | 250    |    |
| KSA90..<br>KS..90/G..   | 395    | 26     | 104    | 70H7                         | 1        | 300      | 34      | 74.9   | 80                       | 40     | 623    | 274 | 178 | 285    | 30 |
|                         | 88     | 70     | 34     | 95                           | 303      | 270      | M20X50  | 20     | 25<br>12                 | 5      | 414    |     |     | 300    |    |
| KSA100..<br>KS..100/G.. | 485    | 26     | 100    | 90H7                         | 2.5      | 350      | 40      | 95.4   | 80                       | 40     | 717    | 312 | 200 | 332.4  | 36 |
|                         | 108    | 88     | 57     | 118                          | 353      | 313      | M24X60  | 25     | 25<br>12                 | 6      | 456    |     |     | 350    |    |
| KSA120..<br>KS..120/G.. | 550    | 33     | 125    | 100H7                        | 2.5      | 410      | 38      | 106.4  | 100                      | 60     | 856    | 373 | 236 | 382.6  | 40 |
|                         | 138    | 110    | 66     | 135                          | 413      | 373      | M24X60  | 28     | 32<br>15                 | 9      | 530    |     |     | 450    |    |
| KSA150..<br>KS..150/G.. | 660    | 33     | 140    | 120H7                        | 7        | 500      | 36      | 127.4  | 120                      | 60     | 1021   | 455 | 286 | 447    | 45 |
|                         | 170    | 150    | 98     | 155                          | 503      | 460      | M24X60  | 32     | 32<br>15                 | 9      | 660    |     |     | 550    |    |

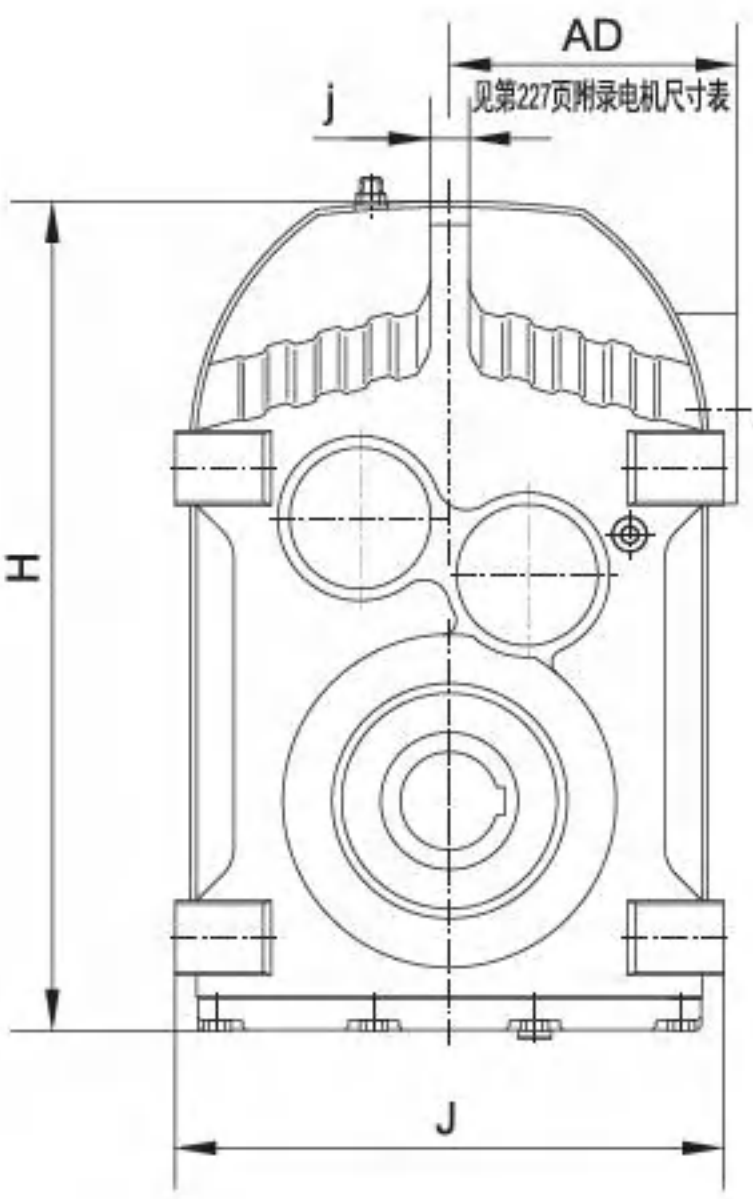
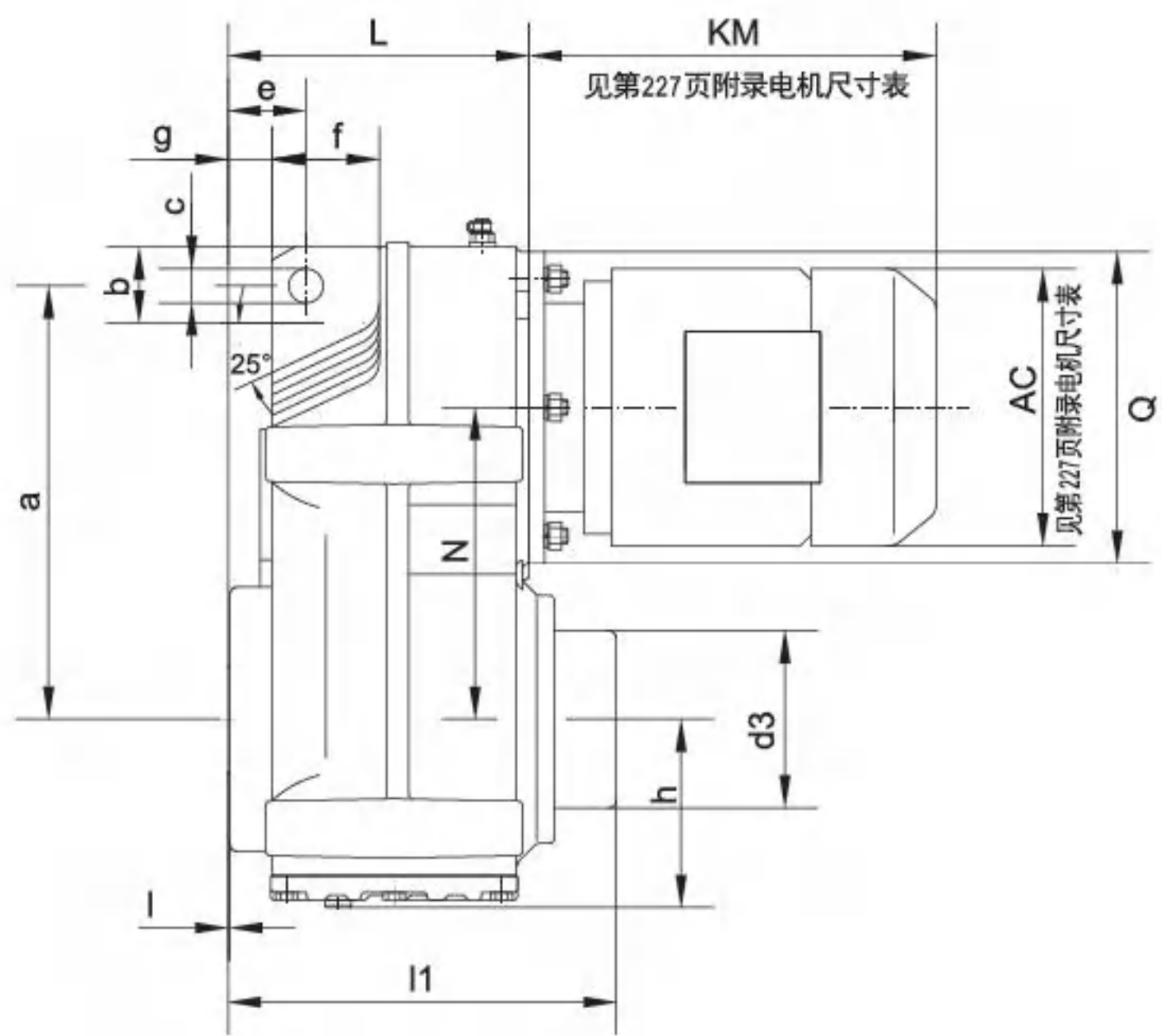
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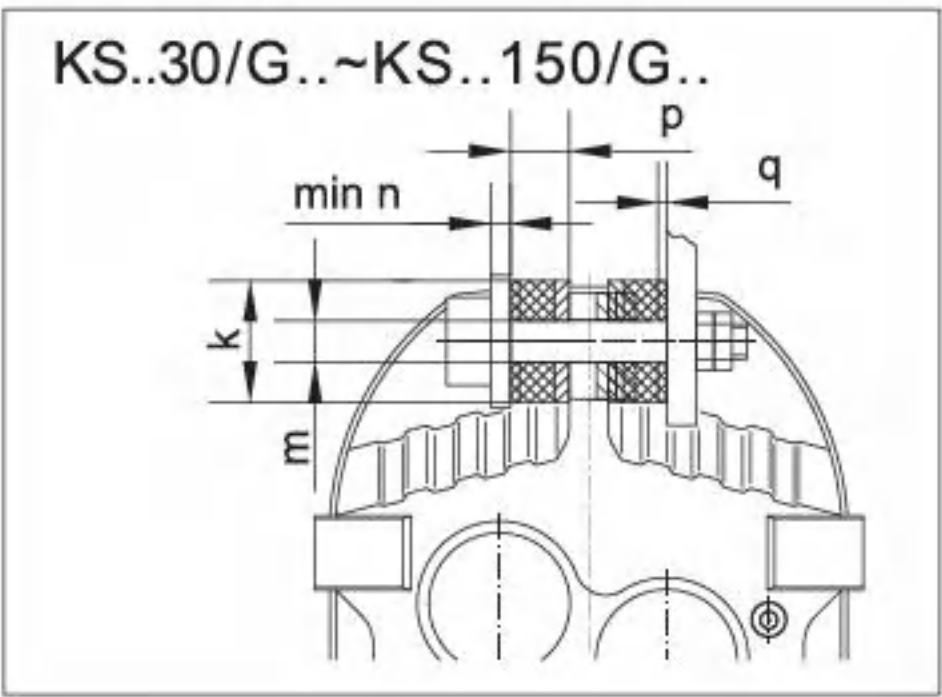
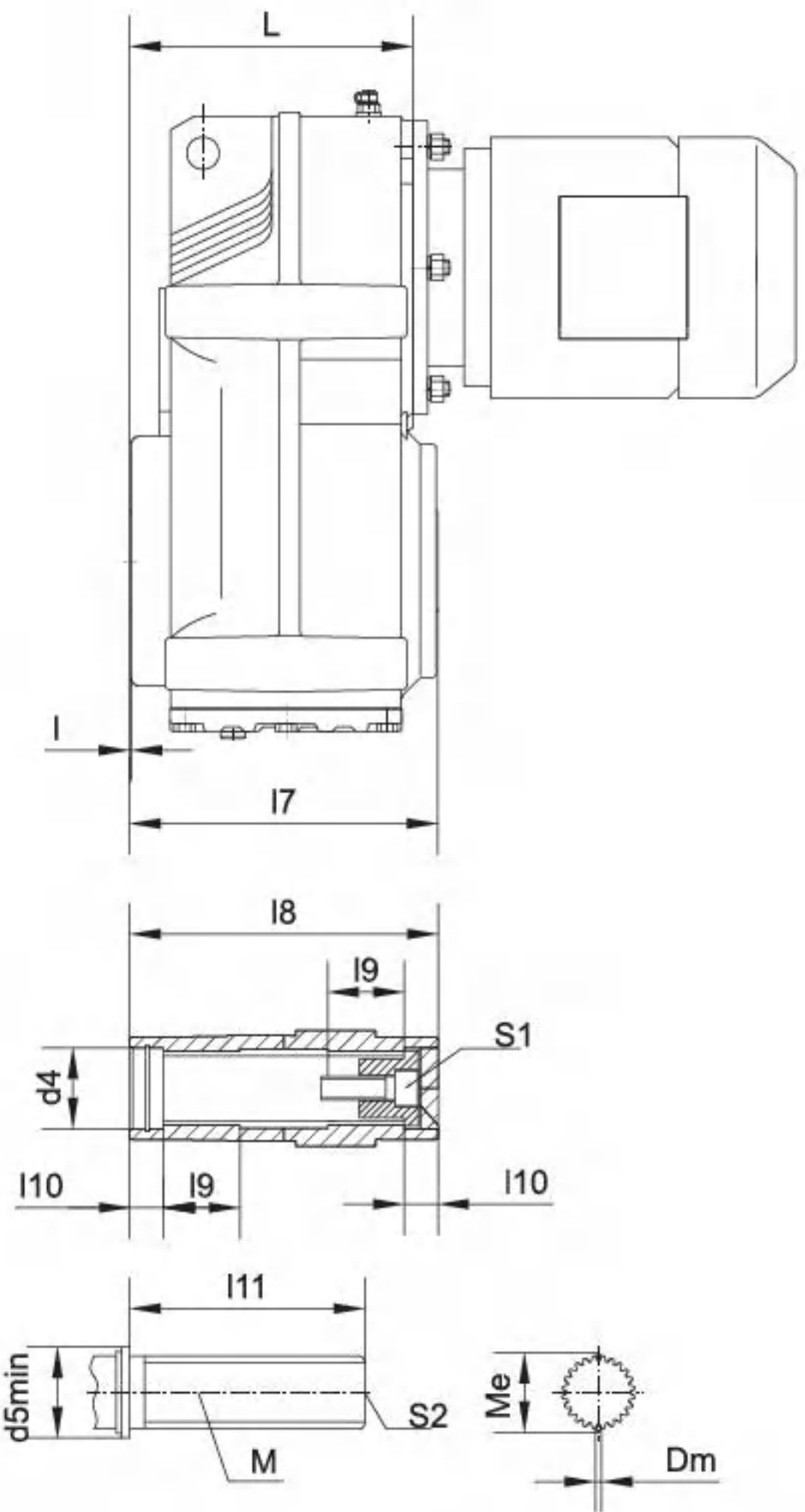


| 型号<br>Model          | a<br>b<br>c      | e<br>f<br>g        | l<br>l <sub>1</sub><br>l <sub>7</sub> | j<br>d <sub>3</sub> | H<br>J<br>L        | h<br>N<br>Q         | 扭矩臂尺寸           |           | 空心轴尺寸 Hollow Shaft dimension                       |                                  |                                       |                                  |                                    |                                  |                                  |                                                 |
|----------------------|------------------|--------------------|---------------------------------------|---------------------|--------------------|---------------------|-----------------|-----------|----------------------------------------------------|----------------------------------|---------------------------------------|----------------------------------|------------------------------------|----------------------------------|----------------------------------|-------------------------------------------------|
|                      |                  |                    |                                       |                     |                    |                     | k<br>m<br>n     | p<br>q    | l <sub>2</sub><br>l <sub>3</sub><br>l <sub>4</sub> | l <sub>5</sub><br>l <sub>6</sub> | d<br>d <sub>1</sub><br>d <sub>2</sub> | l <sub>8</sub><br>l <sub>9</sub> | l <sub>10</sub><br>l <sub>11</sub> | d <sub>4</sub><br>d <sub>5</sub> | S <sub>1</sub><br>S <sub>2</sub> | D <sub>m</sub><br>M <sub>e</sub><br>M           |
| KSH30..<br>KSV30..   | 158<br>30<br>14  | 31.5<br>46<br>15   | 0.5<br>155<br>122                     | 12<br>75            | 252<br>172<br>110  | 76<br>112<br>120    | 40<br>12.5<br>5 | 20<br>1   | 146<br>20<br>31                                    | 25<br>36                         | 30H7<br>45<br>30h6                    | 120<br>25                        | 18<br>85                           | 37 <sup>+0.1</sup><br>42         | M10×30<br>M10                    | 2.75<br>33.03 <sup>-0.03</sup><br>30×1.25×30×22 |
| KSH40..<br>KSV40..   | 170<br>22<br>14  | 32<br>64<br>12     | 1<br>184<br>152                       | 12<br>83            | 269<br>189<br>133  | 77<br>128.1<br>120  | 40<br>12.5<br>5 | 20<br>1.8 | 177<br>20<br>32                                    | 25<br>37                         | 35H7<br>50<br>35h6                    | 150<br>32                        | 18<br>115                          | 37 <sup>+0.1</sup><br>42         | M10×30<br>M10                    | 4<br>38.92 <sup>-0.03</sup><br>35×2×30×16       |
| KSH50..<br>KSV50..   | 198<br>31<br>14  | 40.5<br>60<br>19.5 | 1<br>200<br>168                       | 14<br>83            | 317<br>210<br>150  | 93<br>136<br>160    | 40<br>12.5<br>5 | 20<br>2.4 | 195<br>20<br>26                                    | 25<br>31                         | 40H7<br>55<br>40h6                    | 166<br>32                        | 18<br>130                          | 37 <sup>+0.1</sup><br>42         | M10×30<br>M10                    | 4<br>38.92 <sup>-0.03</sup><br>35×2×30×16       |
| KSH60..<br>KSV60..   | 218<br>40<br>14  | 41<br>65<br>21     | 1<br>215.5<br>180                     | 16<br>93            | 343<br>223<br>161  | 97<br>159.5<br>160  | 40<br>12.5<br>5 | 20<br>3   | 208<br>20<br>38                                    | 25<br>43                         | 40H7<br>55<br>40h6                    | 180<br>42                        | 25<br>130                          | 47 <sup>+0.1</sup><br>52         | M16×50<br>M16                    | 4<br>48.85 <sup>-0.03</sup><br>45×2×30×21       |
| KSH70..<br>KSV70..   | 278<br>49<br>22  | 50<br>69<br>28     | 1<br>249<br>210                       | 20<br>114           | 426<br>282<br>193  | 121<br>200<br>200   | 60<br>21<br>10  | 30<br>3.2 | 241<br>30<br>36                                    | 35<br>41                         | 50H7<br>70<br>50h6                    | 210<br>52                        | 23<br>160                          | 55 <sup>+0.1</sup><br>62         | M16×50<br>M16                    | 4<br>54.13 <sup>-0.03</sup><br>50×2×30×24       |
| KSH80..<br>KSV80..   | 346<br>57<br>22  | 62<br>79<br>32     | 1<br>291<br>240                       | 26<br>159           | 531<br>336<br>224  | 152<br>246.7<br>250 | 60<br>21<br>10  | 30<br>4.5 | 281<br>40<br>41                                    | 45<br>46                         | 65H7<br>85<br>65h6                    | 240<br>62                        | 25<br>180                          | 72 <sup>+0.1</sup><br>82         | M20×60<br>M20                    | 4<br>68.96 <sup>-0.04</sup><br>65×2×30×31       |
| KSH90..<br>KSV90..   | 395<br>88<br>26  | 70<br>104<br>34    | 1<br>357<br>300                       | 30<br>174           | 623<br>414<br>274  | 178<br>285<br>300   | 80<br>25<br>12  | 40<br>5   | 345<br>50<br>55                                    | 55<br>60                         | 75H7<br>95<br>75h6                    | 300<br>72                        | 25<br>240                          | 72 <sup>+0.1</sup><br>90         | M20×60<br>M20                    | 4<br>74.15 <sup>-0.04</sup><br>70×2×30×34       |
| KSH100..<br>KSV100.. | 485<br>108<br>26 | 86<br>100<br>57    | 2.5<br>420<br>353                     | 36<br>200           | 717<br>456<br>312  | 200<br>332.4<br>350 | 80<br>25<br>12  | 40<br>6   | 405<br>60<br>65                                    | 70<br>75                         | 95H7<br>118<br>95h6                   | 350<br>89                        | 26<br>290                          | 90 <sup>+0.1</sup><br>105        | M20×60<br>M20                    | 6<br>90.99 <sup>-0.04</sup><br>85×3×30×27       |
| KSH120..             | 550<br>138<br>33 | 110<br>125<br>66   | 2.5<br>502<br>/                       | 40<br>233           | 856<br>530<br>373  | 236<br>382.6<br>450 | 100<br>32<br>15 | 60<br>9   | 485<br>70<br>85                                    | 80<br>95                         | 105H7<br>135<br>105h6                 | /<br>/<br>/                      | /<br>/<br>/                        | /<br>/<br>/                      | /<br>/<br>/                      | /<br>/<br>/                                     |
| KSH150..             | 660<br>170<br>33 | 150<br>140<br>98   | 7<br>598<br>/                         | 45<br>275           | 1021<br>660<br>455 | 286<br>447<br>550   | 120<br>32<br>15 | 60<br>9   | 580<br>80<br>90                                    | 90<br>100                        | 120H7<br>155<br>120h6                 | /<br>/<br>/                      | /<br>/<br>/                        | /<br>/<br>/                      | /<br>/<br>/                      | /<br>/<br>/                                     |

KSH30..~KSH150..



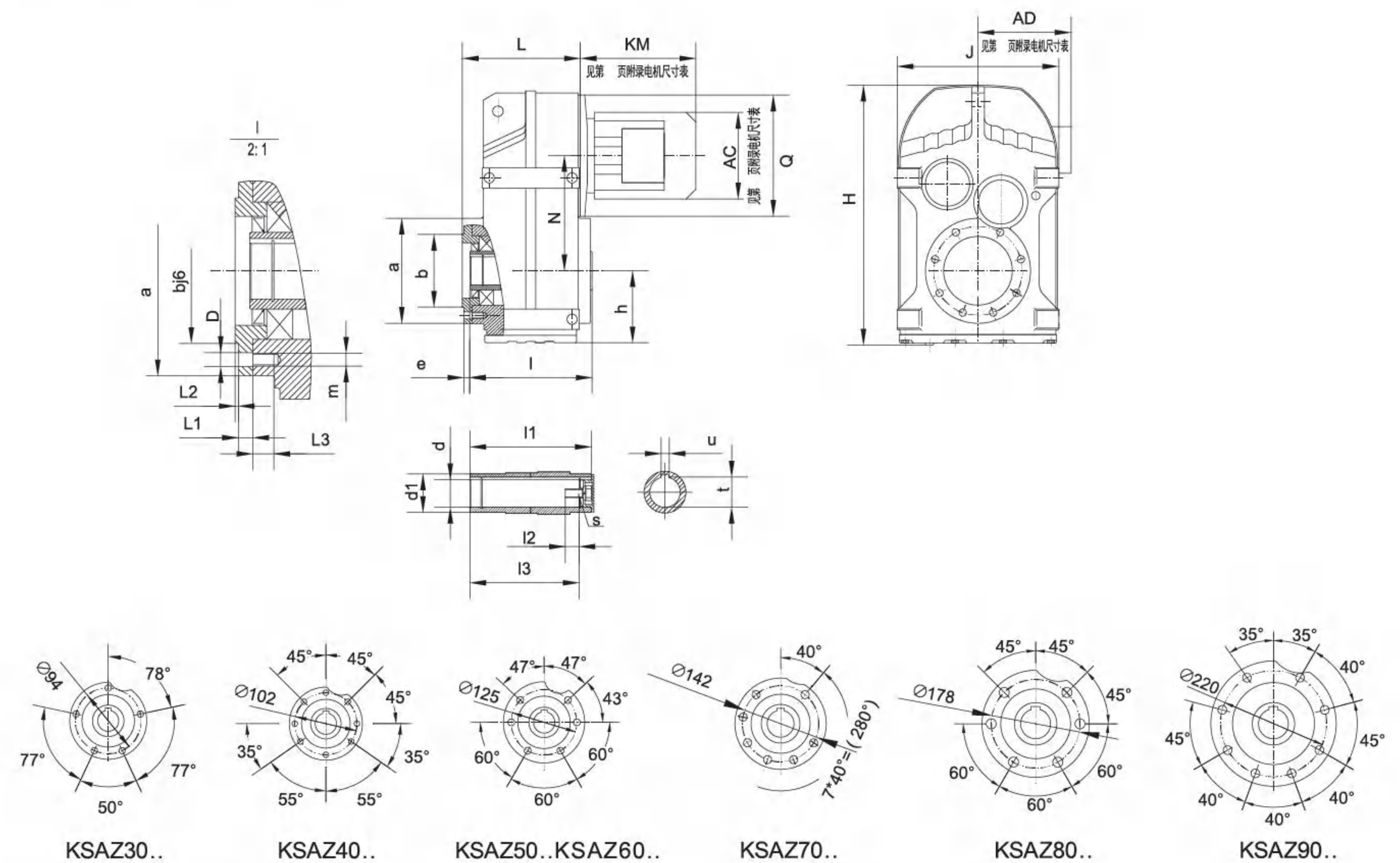
KSV30..~KSV100..



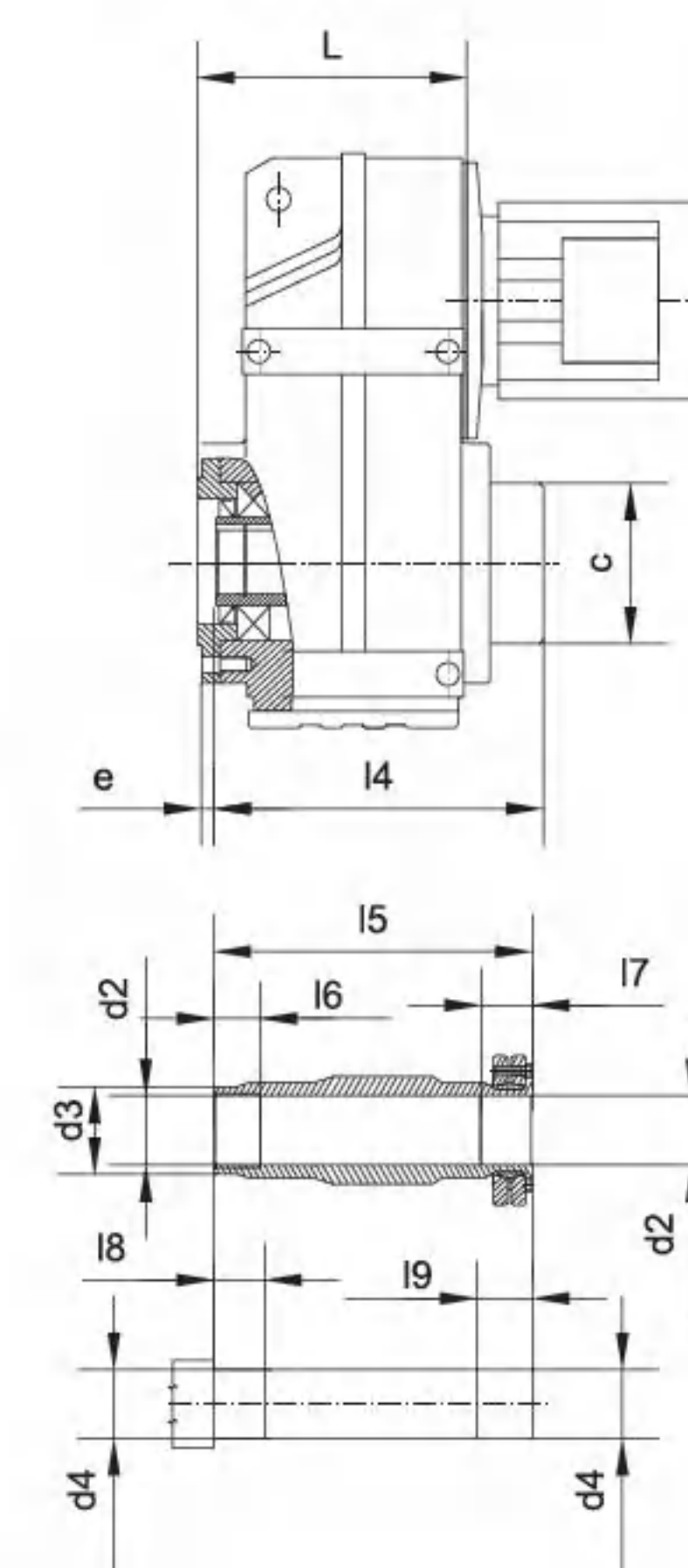


| 型号<br>Model                         | a<br>b<br>e         | L <sub>1</sub><br>L <sub>2</sub><br>L <sub>3</sub> | D<br>m      | I<br>I <sub>4</sub><br>I <sub>10</sub> | H<br>J<br>L         | h<br>N<br>Q<br>c           | 空心轴尺寸 Hollow Shaft dimension                       |                               |                                                    |                                  |                                                    |                                                       |                                  |                                       | D <sub>m</sub><br>M <sub>e</sub><br>M |
|-------------------------------------|---------------------|----------------------------------------------------|-------------|----------------------------------------|---------------------|----------------------------|----------------------------------------------------|-------------------------------|----------------------------------------------------|----------------------------------|----------------------------------------------------|-------------------------------------------------------|----------------------------------|---------------------------------------|---------------------------------------|
|                                     |                     |                                                    |             |                                        |                     |                            | I <sub>1</sub><br>I <sub>2</sub><br>I <sub>3</sub> | d<br>d <sub>1</sub><br>t<br>u | I <sub>5</sub><br>I <sub>6</sub><br>I <sub>7</sub> | I <sub>8</sub><br>I <sub>9</sub> | d <sub>2</sub><br>d <sub>3</sub><br>d <sub>4</sub> | I <sub>11</sub><br>I <sub>12</sub><br>I <sub>13</sub> | d <sub>5</sub><br>d <sub>6</sub> | S<br>S <sub>1</sub><br>S <sub>2</sub> |                                       |
| KSAZ30..<br>KSHZ30..<br>KSVZ30..    | 110<br>80j6<br>9    | 11.5<br>3<br>11                                    | 9<br>M8     | 123<br>155<br>122                      | 252<br>165<br>122   | 76<br>112<br>120<br>75     | 120<br>17<br>105                                   | 30H7<br>45<br>33.3<br>8       | 146<br>20<br>31                                    | 25<br>36                         | 30H7<br>45<br>30h6                                 | 18<br>25<br>85                                        | 37 <sup>+0.1</sup><br>42         | M10×25<br>M10×30<br>M10               | 2.75<br>33.03-0.03<br>30×1.25×30×22   |
| KSAZ40..<br>KSHZ40..<br>KSZZ40..    | 120<br>80j6<br>8    | 11<br>3<br>11                                      | 9<br>M8     | 153<br>184<br>152                      | 269<br>180<br>144   | 77<br>128.1<br>120<br>83   | 150<br>22<br>132                                   | 35H7<br>50<br>38.3<br>10      | 177<br>20<br>32                                    | 25<br>37                         | 35H7<br>50<br>35h6                                 | 18<br>32<br>115                                       | 37 <sup>+0.1</sup><br>42         | M12×30<br>M10×30<br>M10               | 4<br>38.92-0.03<br>35×2×30×16         |
| KSAZ50..<br>KSHZ50..<br>KSVZ50..    | 155<br>105j6<br>9   | 12<br>3.5<br>17                                    | 13.5<br>M12 | 170<br>200<br>168                      | 317<br>200<br>162   | 93<br>136<br>160<br>83     | 166<br>29<br>142                                   | 40H7<br>55<br>43.3<br>12      | 195<br>20<br>26                                    | 25<br>31                         | 40H7<br>55<br>40h6                                 | 18<br>32<br>130                                       | 37 <sup>+0.1</sup><br>42         | M16×40<br>M10×30<br>M10               | 4<br>38.92-0.03<br>35×2×30×16         |
| KSAZ60..<br>KSHZ60..<br>KSVZ60..    | 155<br>105j6<br>8.5 | 12<br>3.5<br>17                                    | 13.5<br>M12 | 184<br>215.5<br>180                    | 343<br>212<br>173   | 97<br>159.5<br>160<br>93   | 180<br>29<br>156                                   | 40H7<br>55<br>43.3<br>12      | 208<br>20<br>38                                    | 25<br>43                         | 40H7<br>55<br>40h6                                 | 25<br>42<br>130                                       | 47 <sup>+0.1</sup><br>52         | M16×40<br>M16×50<br>M16               | 4<br>48.85-0.03<br>45×2×30×21         |
| KSAZ70..<br>KSHZ70..<br>KSVZ70..    | 170<br>125j6<br>10  | 14<br>3.5<br>17                                    | 13.5<br>M12 | 213<br>249<br>210                      | 426<br>270<br>206   | 121<br>200<br>200<br>114   | 210<br>32<br>183                                   | 50H7<br>70<br>53.8<br>14      | 241<br>30<br>36                                    | 35<br>41                         | 50H7<br>70<br>50h6                                 | 23<br>52<br>160                                       | 55 <sup>+0.1</sup><br>62         | M16×45<br>M16×50<br>M16               | 4<br>54.13-0.03<br>50×2×30×24         |
| KSAZ80..<br>KSHZ80..<br>KSVZ80..    | 215<br>155j6<br>11  | 15<br>4<br>26                                      | 17.5<br>M16 | 243<br>291<br>240                      | 531<br>330<br>239   | 152<br>246.7<br>250<br>159 | 240<br>36<br>210                                   | 60H7<br>85<br>64.4<br>18      | 281<br>40<br>41                                    | 45<br>46                         | 65H7<br>85<br>65h6                                 | 25<br>62<br>180                                       | 72 <sup>+0.1</sup><br>82         | M20×50<br>M20×60<br>M20               | 4<br>68.96-0.04<br>65×2×30×31         |
| KSAZ90..<br>KSHZ90..<br>KSVZ90..    | 260<br>180j6<br>14  | 18<br>4<br>26                                      | 17.5<br>M16 | 303<br>357<br>300                      | 623<br>400<br>292   | 178<br>285<br>300<br>174   | 300<br>34<br>270                                   | 70H7<br>95<br>74.9<br>20      | 345<br>50<br>55                                    | 55<br>60                         | 75H7<br>95<br>75h6                                 | 25<br>72<br>240                                       | 72 <sup>+0.1</sup><br>90         | M20×50<br>M20×60<br>M20               | 4<br>74.15-0.04<br>70×2×30×34         |
| KSAZ100..<br>KSHZ100..<br>KSVZ100.. | 304<br>210j6<br>8   | 22<br>4<br>28                                      | 22<br>M20   | 353<br>420<br>353                      | 717<br>450<br>312   | 200<br>332.4<br>350<br>200 | 350<br>40<br>313                                   | 90H7<br>118<br>95.4<br>25     | 405<br>60<br>65                                    | 70<br>75                         | 95H7<br>118<br>95h6                                | 26<br>89<br>290                                       | 90 <sup>+0.1</sup><br>105        | M24×60<br>M20×60<br>M20               | 6<br>90.99-0.04<br>85×3×30×27         |
| KSAZ120..<br>KSHZ120..              | 350<br>250j6<br>5   | 30<br>5<br>28                                      | 22<br>M20   | 413<br>502<br>/                        | 856<br>530<br>377.5 | 236<br>382.6<br>450<br>233 | 410<br>38<br>373                                   | 100H7<br>135<br>106.4<br>28   | 485<br>70<br>85                                    | 80<br>95                         | 105H7<br>135<br>105h6                              | /<br>/<br>/                                           | /<br>/<br>/                      | M24×60<br>/<br>/                      | /<br>/<br>/                           |
| KSAZ150..<br>KSHZ150..              | 400<br>290j6<br>14  | 28<br>5<br>36                                      | 26<br>M24   | 503<br>598<br>/                        | 1021<br>660<br>455  | 286<br>447<br>550<br>275   | 500<br>36<br>460                                   | 120H7<br>155<br>127.4<br>32   | 580<br>80<br>90                                    | 90<br>100                        | 125H7<br>155<br>125h6                              | /<br>/<br>/                                           | /<br>/<br>/                      | M24×60<br>/<br>/                      | /<br>/<br>/                           |

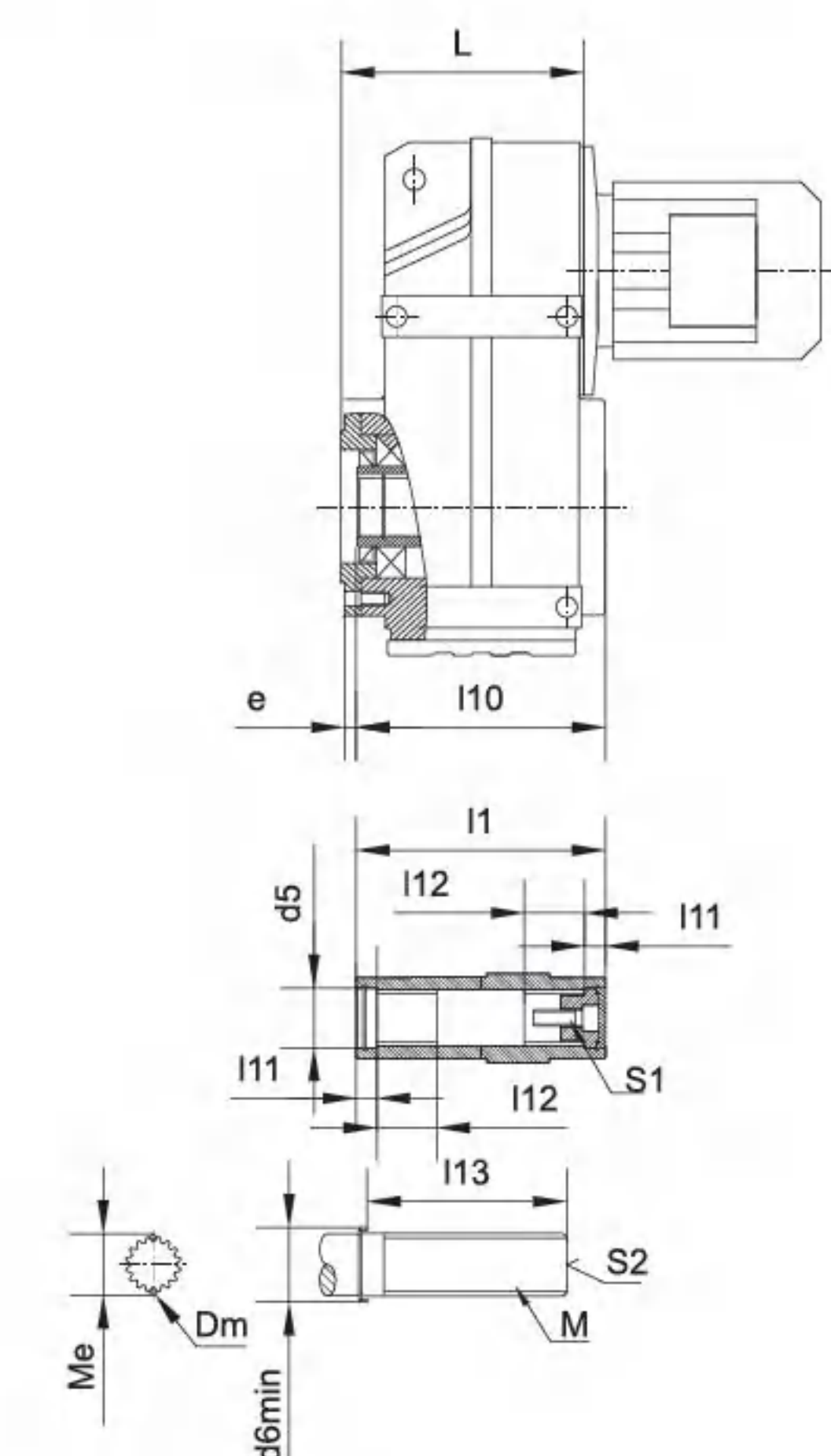
**KSAZ30..~KSAZ150..**



**KSHZ30..~KSHZ150..**



**KSVZ30..~KSVZ100..**

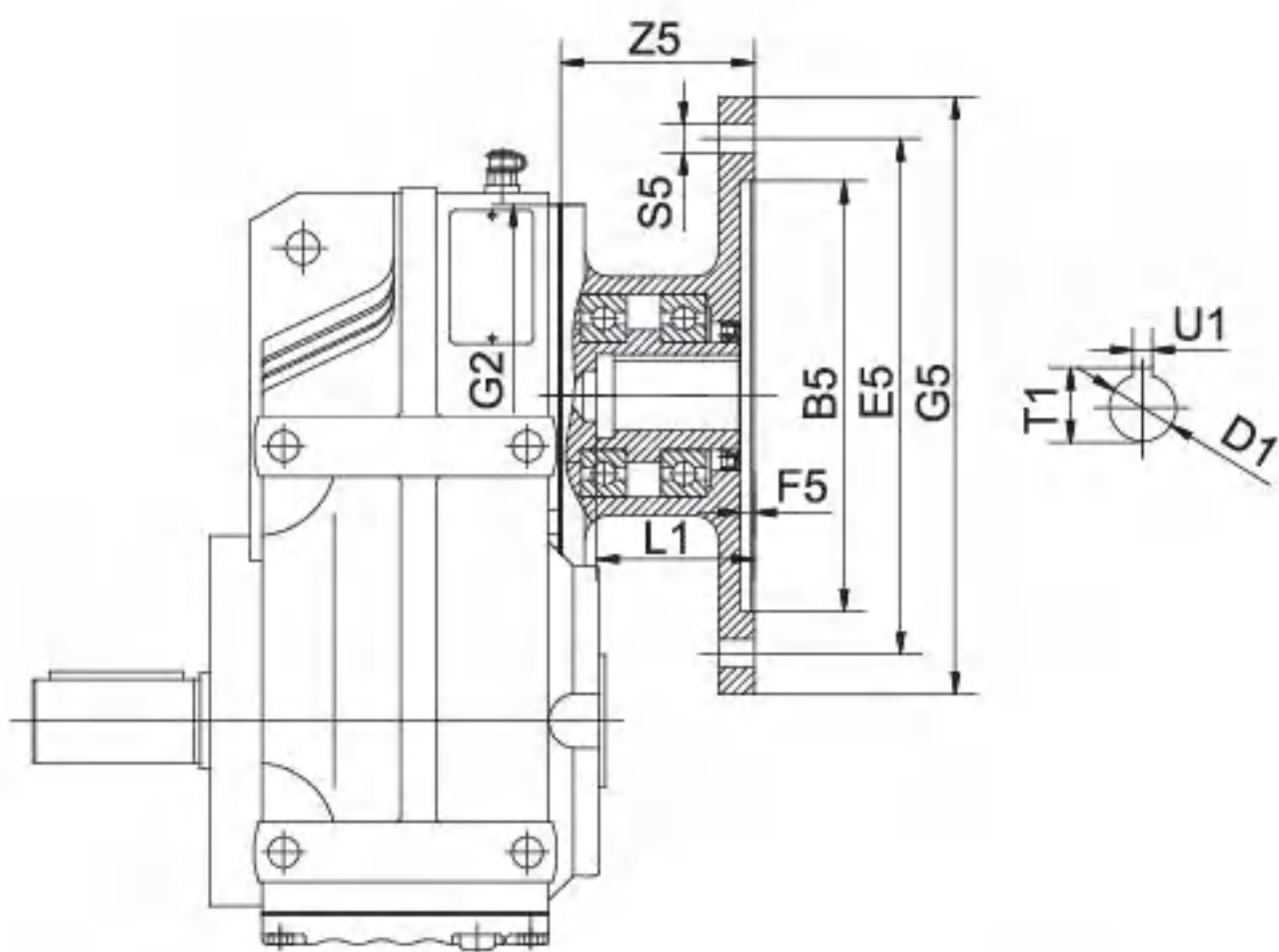
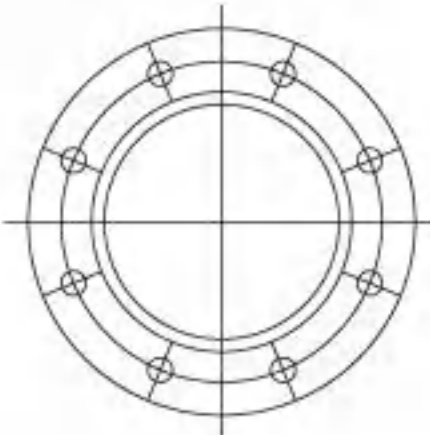
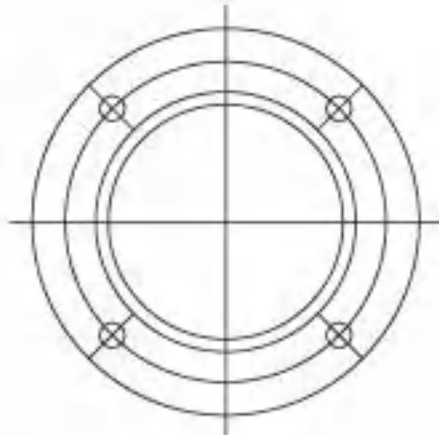




KS..AM..

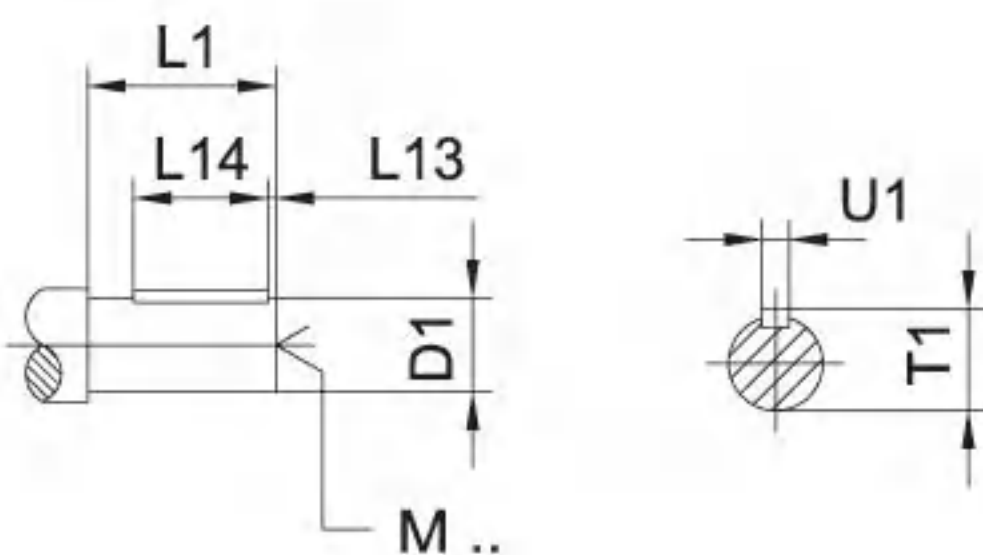
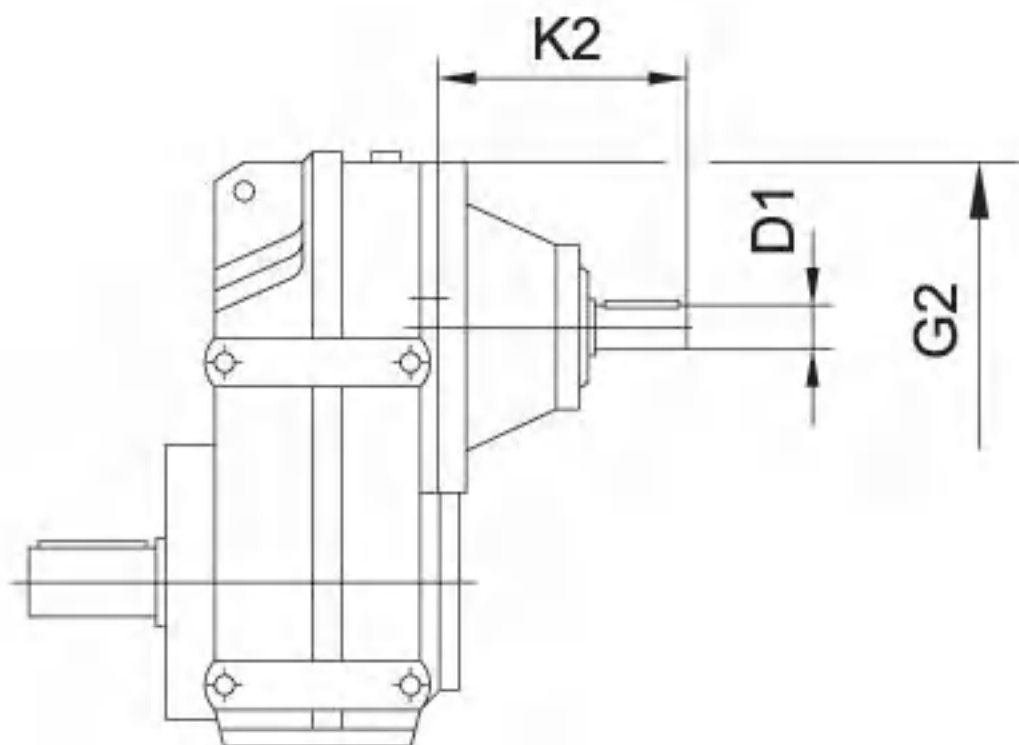
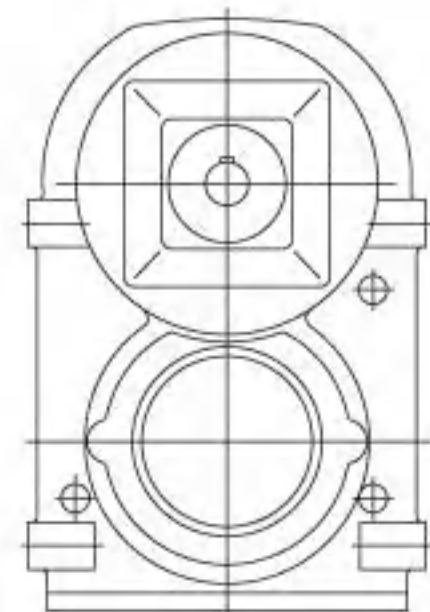
Fig.1

Fig.2



|                     |                       | Fig. | B5  | E5  | F5  | G2  | G5  | S5  | Z5  | D1   | L1   | T1   | U1   |      |     |
|---------------------|-----------------------|------|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|-----|
| KS..30<br>KS..40    | AM63                  | 1    | 95  | 115 | 3.5 | 120 | 140 | M8  | 50  | 11   | 23   | 12.8 | 4    |      |     |
|                     | AM71 <sup>1)</sup>    |      | 110 | 130 |     |     | 160 |     | 54  | 14   | 30   | 16.3 | 5    |      |     |
|                     | AM80 <sup>1)</sup>    |      | 130 | 165 | 4.5 |     | 200 | M10 | 69  | 19   | 40   | 21.8 | 6    |      |     |
|                     | AM90 <sup>1)</sup>    |      |     |     |     |     |     |     | 24  | 50   | 27.3 | 8    |      |      |     |
| KS..50<br>KS..60    | AM63                  | 1    | 95  | 115 | 3.5 | 160 | 140 | M8  | 50  | 11   | 23   | 12.8 | 4    |      |     |
|                     | AM71                  |      | 110 | 130 |     |     | 160 |     | 54  | 14   | 30   | 16.3 | 5    |      |     |
|                     | AM80                  |      | 130 | 165 | 4.5 |     | 200 | M10 | 69  | 19   | 40   | 21.8 | 6    |      |     |
|                     | AM90                  |      |     |     |     |     |     |     | 24  | 50   | 27.3 | 8    |      |      |     |
|                     | AM100 <sup>1)</sup>   |      | 180 | 215 | 5   |     | 250 | M12 | 81  | 28   | 60   | 31.3 | 8    |      |     |
|                     | AM112 <sup>1)</sup>   |      |     |     |     |     |     |     | 81  | 28   | 60   | 31.3 | 8    |      |     |
| KS..70              | AM63                  | 1    | 95  | 115 | 3.5 | 200 | 140 | M8  | 50  | 11   | 23   | 12.8 | 4    |      |     |
|                     | AM71                  |      | 110 | 130 |     |     | 160 |     | 54  | 14   | 30   | 16.3 | 5    |      |     |
|                     | AM80                  |      | 130 | 165 | 4.5 |     | 200 | M10 | 69  | 19   | 40   | 21.8 | 6    |      |     |
|                     | AM90                  |      |     |     |     |     |     |     | 24  | 50   | 27.3 | 8    |      |      |     |
|                     | AM100 <sup>1)</sup>   |      | 180 | 215 | 5   |     | 250 | M12 | 81  | 28   | 60   | 31.3 | 8    |      |     |
|                     | AM112 <sup>1)</sup>   |      |     |     |     |     |     |     | 81  | 28   | 60   | 31.3 | 8    |      |     |
|                     | AM132S <sup>1)</sup>  |      | 230 | 265 | 5   |     | 300 | M12 | 92  | 38   | 80   | 41.3 | 10   |      |     |
|                     | AM132M <sup>1)</sup>  |      |     |     |     |     |     |     | 92  | 38   | 80   | 41.3 | 10   |      |     |
|                     | AM132ML <sup>1)</sup> |      |     |     |     |     |     |     | 92  | 38   | 80   | 41.3 | 10   |      |     |
|                     | AM132ML <sup>1)</sup> |      |     |     |     |     |     |     | 92  | 38   | 80   | 41.3 | 10   |      |     |
| KS..80              | AM80                  | 1    | 130 | 165 | 4.5 | 250 | 200 | M10 | 69  | 19   | 40   | 21.8 | 6    |      |     |
|                     | AM90                  |      | 180 | 215 | 5   |     | 250 | M12 | 81  | 28   | 60   | 31.3 | 8    |      |     |
|                     | AM100                 |      |     |     |     |     |     |     | 81  | 28   | 60   | 31.3 | 8    |      |     |
|                     | AM112                 |      |     |     |     |     |     |     | 81  | 28   | 60   | 31.3 | 8    |      |     |
|                     | AM132S                |      | 230 | 265 | 5   |     | 300 | M12 | 92  | 38   | 80   | 41.3 | 10   |      |     |
|                     | AM132M                |      |     |     |     |     |     |     | 92  | 38   | 80   | 41.3 | 10   |      |     |
|                     | AM132ML               |      | 250 | 300 | 6   |     | 350 | M16 | 125 | 42   | 110  | 45.3 | 12   |      |     |
|                     | AM160 <sup>1)</sup>   |      |     |     |     |     |     |     | 48  | 55   | 140  | 51.8 | 14   |      |     |
|                     | AM180 <sup>1)</sup>   |      |     |     |     |     |     |     | 159 | 60   | 140  | 64.4 | 18   |      |     |
| AM180 <sup>1)</sup> | 159                   | 60   |     |     |     |     |     |     | 140 | 64.4 | 18   |      |      |      |     |
| KS..90              | AM100                 | 1    | 180 | 215 | 5   | 300 | 250 | M12 | 81  | 28   | 60   | 31.3 | 8    |      |     |
|                     | AM112                 |      | 230 | 265 |     |     | 5   |     | 300 | M12  | 92   | 38   | 80   | 41.3 | 10  |
|                     | AM132S                |      |     |     | 350 |     |     |     | M16 | 125  | 42   | 110  | 45.3 | 12   |     |
|                     | AM132M                |      |     |     |     |     |     |     |     | 48   | 55   | 140  | 51.8 | 14   |     |
|                     | AM132ML               |      | 250 | 300 | 6   |     | 400 | M16 | 144 | 55   | 140  | 59.3 | 16   |      |     |
|                     | AM160                 |      |     |     |     |     |     |     | 159 | 60   | 140  | 64.4 | 18   |      |     |
|                     | AM180                 |      | 300 | 350 | 7   |     | 450 | M16 | 159 | 60   | 140  | 64.4 | 18   |      |     |
|                     | AM200                 |      |     |     |     |     |     |     | 159 | 60   | 140  | 64.4 | 18   |      |     |
|                     | AM225 <sup>1)</sup>   |      |     |     |     |     |     |     | 159 | 60   | 140  | 64.4 | 18   |      |     |
|                     | AM225 <sup>1)</sup>   |      |     |     |     |     |     |     | 159 | 60   | 140  | 64.4 | 18   |      |     |
| KS..100             | AM100                 | 1    | 180 | 215 | 5   | 350 | 250 | M12 | 81  | 28   | 60   | 31.3 | 8    |      |     |
|                     | AM112                 |      | 230 | 265 |     |     | 5   |     | 300 | M12  | 92   | 38   | 80   | 41.3 | 10  |
|                     | AM132S                |      |     |     | 350 |     |     |     | M16 | 124  | 42   | 110  | 45.3 | 12   |     |
|                     | AM132M                |      |     |     |     |     |     |     |     | 48   | 55   | 140  | 51.8 | 14   |     |
|                     | AM132ML               |      | 250 | 300 | 6   |     | 400 | M16 | 144 | 55   | 140  | 59.3 | 16   |      |     |
|                     | AM160                 |      |     |     |     |     | 450 | M16 | 159 | 60   | 140  | 64.4 | 18   |      |     |
|                     | AM180                 |      | 300 | 350 | 7   |     | 450 | M16 | 159 | 60   | 140  | 64.4 | 18   |      |     |
|                     | AM200                 |      |     |     |     |     |     |     | 159 | 60   | 140  | 64.4 | 18   |      |     |
| AM225               | 159                   | 60   |     |     |     |     |     |     | 140 | 64.4 | 18   |      |      |      |     |
| AM225               | 159                   | 60   |     |     |     |     |     |     | 140 | 64.4 | 18   |      |      |      |     |
| KS..120             | AM132S                | 1    | 230 | 265 | 5   | 450 | 300 | M12 | 92  | 38   | 80   | 41.3 | 10   |      |     |
|                     | AM132M                |      | 250 | 300 | 6   |     | 350 | M16 | 124 | 42   | 110  | 45.3 | 12   |      |     |
|                     | AM132ML               |      |     |     |     |     | 400 |     | M16 | 144  | 55   | 140  | 59.3 | 16   |     |
|                     | AM160                 |      |     |     |     |     | 300 | 350 | 7   |      | 450  | M16  | 159  | 60   | 140 |
|                     | AM180                 |      | 550 | M16 | 159 |     |     |     |     |      | 60   |      | 140  | 64.4 | 18  |
|                     | AM200                 |      | 450 | 500 | 7   |     | 550 | M16 | 159 | 60   | 140  | 64.4 | 18   |      |     |
|                     | AM225                 |      |     |     |     |     |     |     | 159 | 60   | 140  | 64.4 | 18   |      |     |
|                     | AM250                 |      |     |     |     |     |     |     | 159 | 60   | 140  | 64.4 | 18   |      |     |
| AM280               | 159                   | 60   |     |     |     |     |     |     | 140 | 64.4 | 18   |      |      |      |     |
| KS..150             | AM160                 | 1    | 250 | 300 | 6   | 550 | 350 | M16 | 124 | 42   | 110  | 45.3 | 12   |      |     |
|                     | AM180                 |      | 300 | 350 | 7   |     | 400 |     | M16 | 144  | 55   | 140  | 59.3 | 16   |     |
|                     | AM200                 |      |     |     |     |     | 450 |     |     | M16  | 159  | 60   | 140  | 64.4 | 18  |
|                     | AM225                 |      | 450 | 500 | 7   |     | 550 |     | M16 | 254  | 60   | 140  | 64.4 | 18   |     |
|                     | AM250                 |      |     |     |     |     |     |     |     | 328  | 75   | 140  | 69.4 | 18   |     |
|                     | AM280                 |      |     |     |     |     |     |     |     |      |      |      |      |      | 75  |

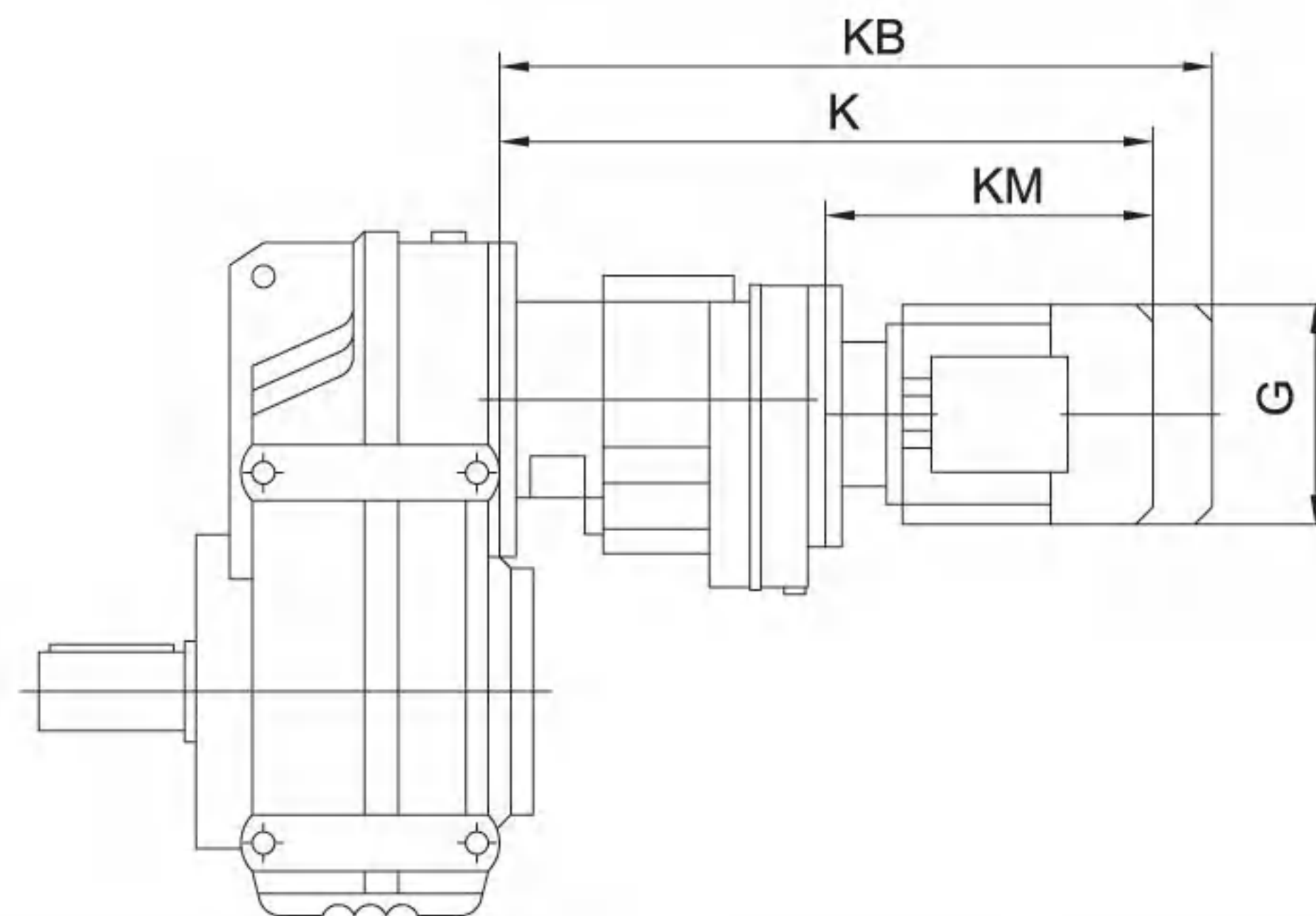
KS..AD..



|                  |     | G2  | K2  | D1 | L1  | L13 | L14 | T1   | U1 | M   |
|------------------|-----|-----|-----|----|-----|-----|-----|------|----|-----|
|                  | AD1 | 120 | 102 | 16 | 40  | 4   | 32  | 18   | 5  | M5  |
|                  | AD2 |     | 130 | 19 | 40  | 4   | 32  | 21.5 | 6  | M6  |
| KS..50<br>KS..60 | AD2 | 160 | 123 | 19 | 40  | 4   | 32  | 21.5 | 6  | M6  |
|                  | AD3 |     | 159 | 24 | 50  | 5   | 40  | 27   | 8  | M8  |
| KS..70           | AD2 | 200 | 116 | 19 | 40  | 4   | 32  | 21.5 | 6  | M6  |
|                  | AD3 |     | 151 | 24 | 50  | 5   | 40  | 27   | 8  | M8  |
|                  | AD4 |     | 224 | 38 | 80  | 5   | 70  | 41   | 10 | M12 |
| KS..80           | AD2 | 250 | 111 | 19 | 40  | 4   | 32  | 21.5 | 6  | M6  |
|                  | AD3 |     | 165 | 28 | 60  | 5   | 50  | 31   | 8  | M10 |
|                  | AD4 |     | 219 | 38 | 80  | 5   | 70  | 41   | 10 | M12 |
|                  | AD5 |     | 292 | 42 | 110 | 10  | 70  | 45   | 12 | M16 |
| KS..90           | AD3 | 300 | 151 | 28 | 60  | 5   | 50  | 31   | 8  | M10 |
|                  | AD4 |     | 214 | 38 | 80  | 5   | 70  | 41   | 10 | M12 |
|                  | AD5 |     | 287 | 42 | 110 | 10  | 70  | 45   | 12 | M16 |
|                  | AD6 |     | 324 | 48 | 110 | 10  | 80  | 51.5 | 14 | M16 |
| KS..100          | AD3 | 350 | 145 | 28 | 60  | 5   | 50  | 31   | 8  | M10 |
|                  | AD4 |     | 208 | 38 | 80  | 5   | 70  | 41   | 10 | M12 |
|                  | AD5 |     | 281 | 42 | 110 | 10  | 70  | 45   | 12 | M16 |
|                  | AD6 |     | 321 | 48 | 110 | 10  | 80  | 51.5 | 14 | M16 |
| KS..120          | AD4 | 450 | 193 | 38 | 80  | 5   | 70  | 41   | 10 | M12 |
|                  | AD5 |     | 266 | 42 | 110 | 10  | 70  | 45   | 12 | M16 |
|                  | AD6 |     | 306 | 48 | 110 | 10  | 80  | 51.5 | 14 | M16 |
|                  | AD7 |     | 345 | 55 | 110 | 10  | 90  | 59   | 16 | M20 |
|                  | AD8 |     | 383 | 70 | 140 | 15  | 110 | 74.5 | 20 | M20 |
| KS..150          | AD5 | 550 | 258 | 42 | 110 | 10  | 70  | 45   | 12 | M16 |
|                  | AD6 |     | 298 | 48 | 110 | 10  | 80  | 51.5 | 14 | M16 |
|                  | AD7 |     | 292 | 55 | 110 | 10  | 90  | 59   | 16 | M20 |
|                  | AD8 |     | 374 | 70 | 140 | 15  | 110 | 74.5 | 20 | M20 |



**KS..H..**



|                        |        | G   | K    | KB   | KM  |
|------------------------|--------|-----|------|------|-----|
| KS..30H10<br>KS..40H10 | D63..  | 155 | 368  | 425  | 193 |
|                        | D71D   | 155 | 369  | 433  | 194 |
|                        | D80..  | 155 | 419  | 483  | 244 |
| KS..50H30              | D63..  | 155 | 400  | 457  | 235 |
|                        | D71D   | 155 | 401  | 465  | 236 |
|                        | D80..  | 155 | 451  | 515  | 286 |
| KS..60H30              | D63..  | 155 | 410  | 457  | 235 |
|                        | D71D   | 155 | 401  | 465  | 236 |
|                        | D80..  | 155 | 451  | 515  | 286 |
|                        | D90..  | 210 | 451  | 536  | 286 |
| KS..70H30              | D63..  | 155 | 392  | 449  | 235 |
|                        | D71D   | 155 | 393  | 457  | 236 |
|                        | D80..  | 155 | 443  | 507  | 286 |
| KS..80H50              | D90..  | 210 | 443  | 528  | 286 |
|                        | D63..  | 155 | 445  | 502  | 229 |
|                        | D71D   | 155 | 445  | 509  | 229 |
| KS..90H50              | D80..  | 210 | 495  | 559  | 279 |
|                        | D90..  | 210 | 495  | 580  | 279 |
|                        | D100M  | 210 | 545  | 630  | 329 |
|                        | D100L  | 210 | 565  | 650  | 349 |
|                        | D63..  | 155 | 440  | 497  | 229 |
|                        | D71D   | 155 | 440  | 504  | 229 |
|                        | D80..  | 155 | 490  | 554  | 279 |
| KS..100H70             | D90..  | 210 | 510  | 595  | 299 |
|                        | D100M  | 210 | 540  | 625  | 329 |
|                        | D100L  | 210 | 560  | 645  | 349 |
|                        | D112M  | 240 | 575  | 655  | 364 |
|                        | D63..  | 155 | 470  | 527  | 223 |
|                        | D71D   | 155 | 470  | 534  | 223 |
|                        | D80..  | 155 | 520  | 584  | 273 |
| KS..120H70             | D90..  | 210 | 518  | 603  | 271 |
|                        | D100M  | 210 | 568  | 653  | 321 |
|                        | D100L  | 210 | 588  | 673  | 341 |
|                        | D112M  | 240 | 602  | 682  | 355 |
|                        | D132S  | 240 | 647  | 727  | 400 |
|                        | D132M  | 285 | 699  | 811  | 452 |
|                        | D132ML | 285 | 719  | 831  | 472 |
|                        | D160M  | 330 | 749  | 871  | 512 |
|                        | D63..  | 155 | 440  | 497  | 229 |
|                        | D71D   | 155 | 440  | 504  | 229 |
| KS..120H80             | D80..  | 210 | 495  | 559  | 279 |
|                        | D90..  | 210 | 495  | 580  | 279 |
|                        | D100M  | 210 | 545  | 630  | 329 |
|                        | D100L  | 210 | 565  | 650  | 349 |
|                        | D112M  | 240 | 575  | 655  | 364 |
|                        | D132S  | 240 | 647  | 727  | 400 |
|                        | D132M  | 285 | 699  | 811  | 452 |
|                        | D132ML | 285 | 719  | 831  | 472 |
|                        | D160M  | 330 | 749  | 871  | 512 |
|                        | D180.. | 380 | 896  | 1052 | 616 |
| KS..150H90             | D90..  | 210 | 518  | 603  | 271 |
|                        | D100M  | 210 | 568  | 653  | 321 |
|                        | D100L  | 210 | 588  | 673  | 341 |
|                        | D112M  | 240 | 602  | 682  | 355 |
|                        | D132S  | 240 | 647  | 727  | 400 |
|                        | D132M  | 285 | 699  | 811  | 452 |
|                        | D132ML | 285 | 719  | 831  | 472 |
|                        | D160M  | 330 | 749  | 871  | 512 |
|                        | D180.. | 380 | 896  | 1052 | 616 |
|                        | D200.. | 420 | 1024 | 1180 | 699 |

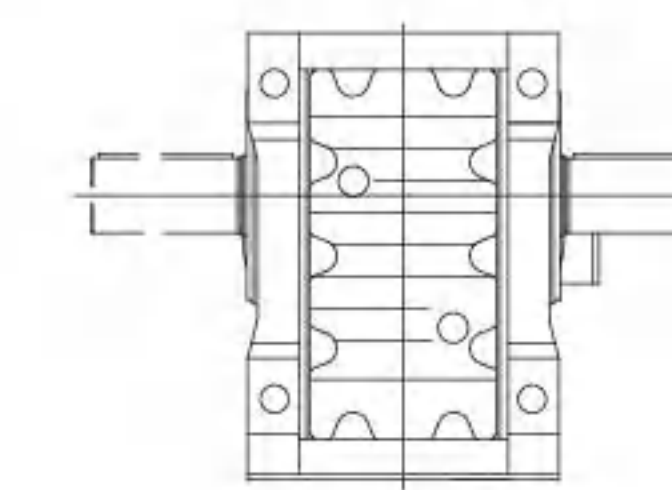
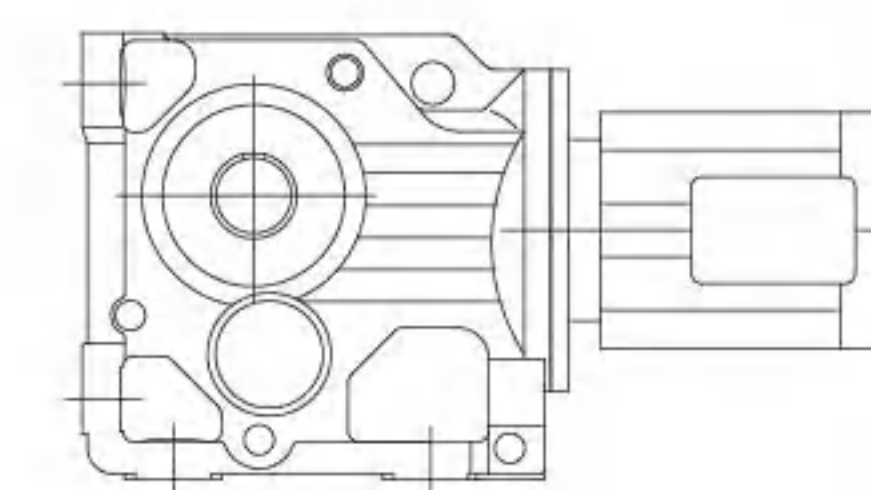
**7.KB系列斜齿轮—伞齿轮减速机 KBHelical – Bevel Geared Motor**

**7.1 设计方案**

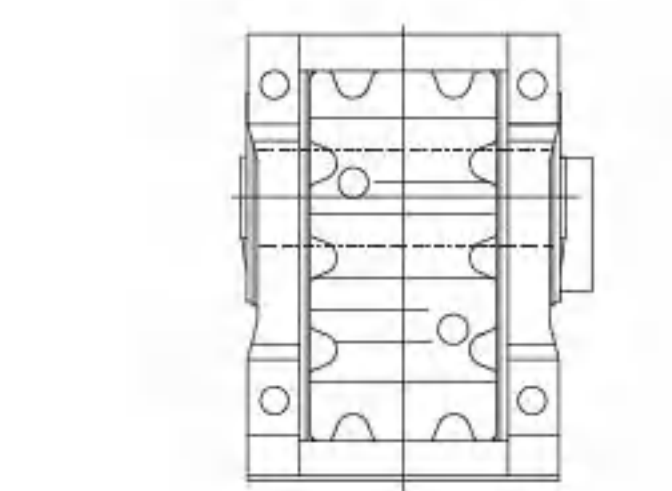
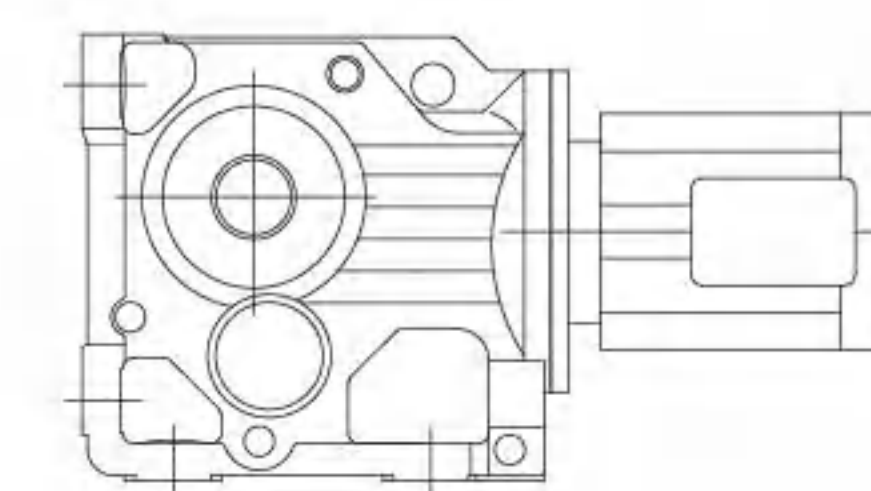
**7.1 Versions of KMPgeared motors**

斜齿轮—伞齿轮减速机有以下设计方案：

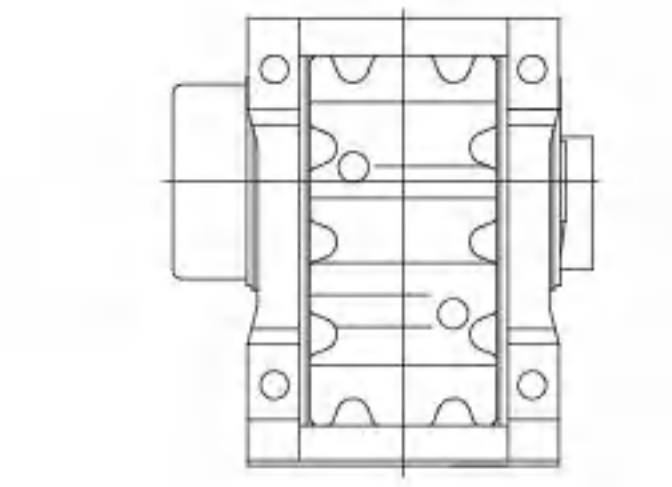
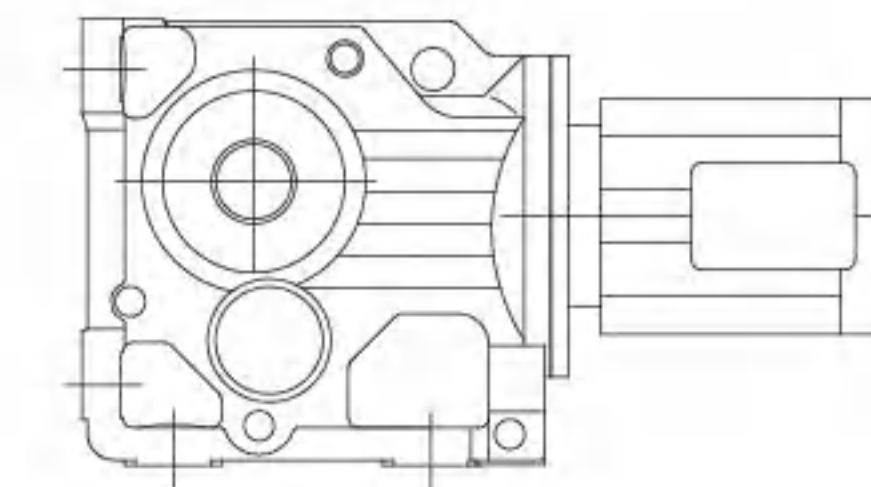
The following types of helical – bevel geared motor can be supplied:



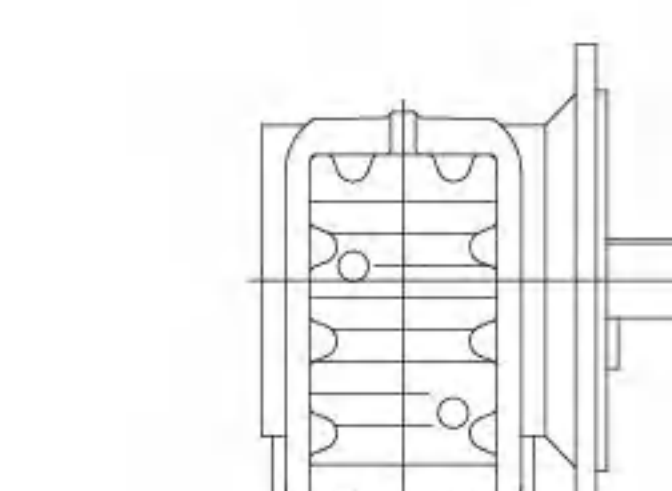
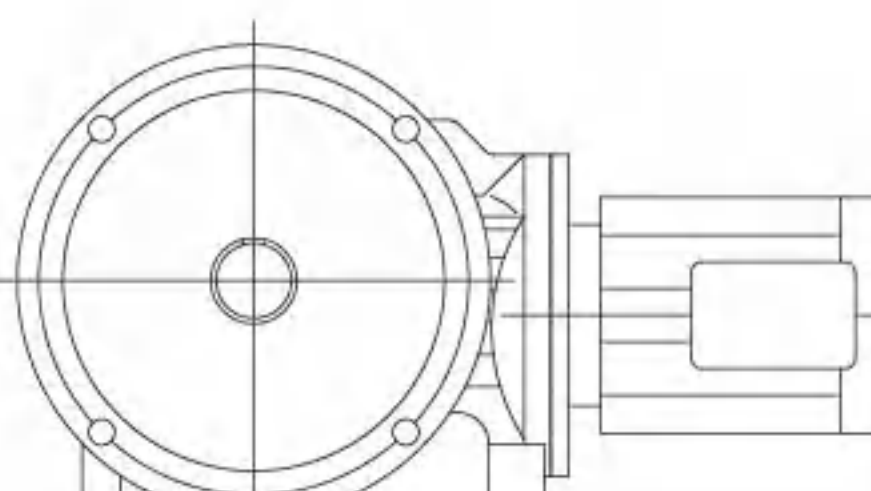
**KB..**  
地脚安装斜齿轮—伞齿轮减速机  
Foot – mounted helical – bevel geared motor



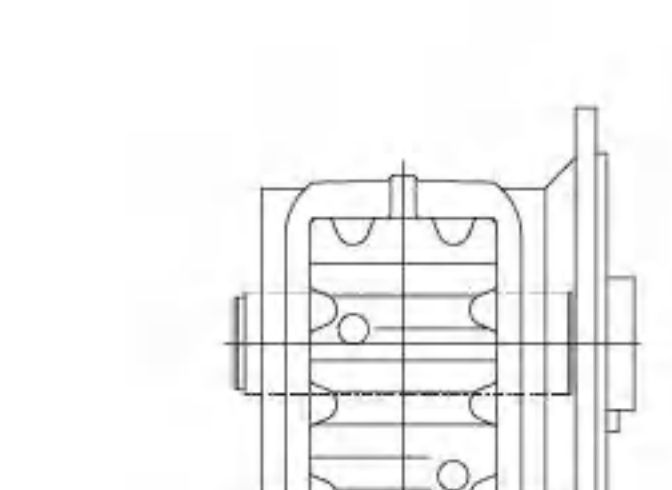
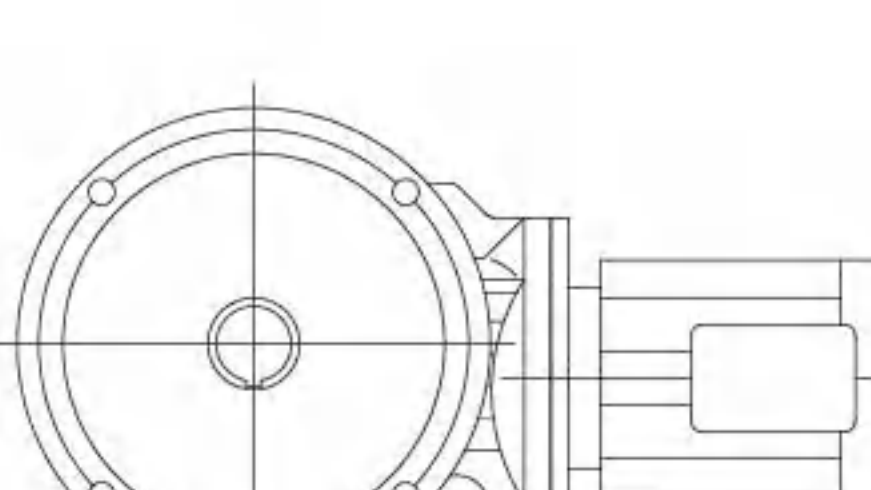
**KB..B**  
地脚空心轴安装斜齿轮—伞齿轮减速机  
Foot – mounted helical – bevel geared motor with hollow shaft.



**KBV..B**  
地脚花键空心轴 (DIN5480) 安装斜齿轮—伞齿轮减速机  
Foot – mounted helical – bevel geared motor with hollow shaft and splined hollow shaft to DIN 5480



**KBH..B**  
地脚空心轴锁紧盘安装斜齿轮—伞齿轮减速机  
Foot – mounted helical – bevel geared motor with hollow shaft and shrink disk



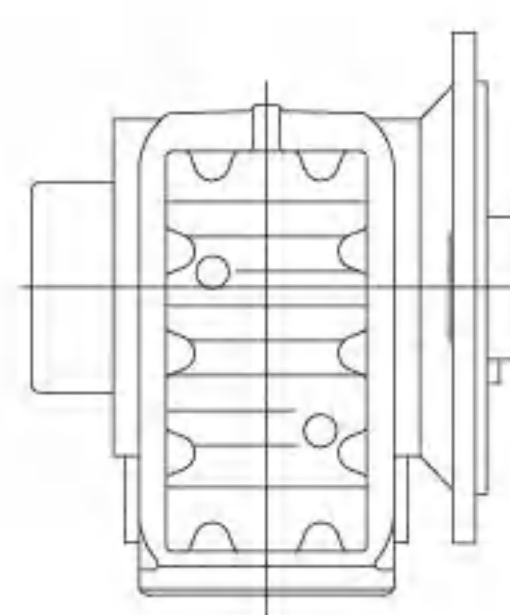
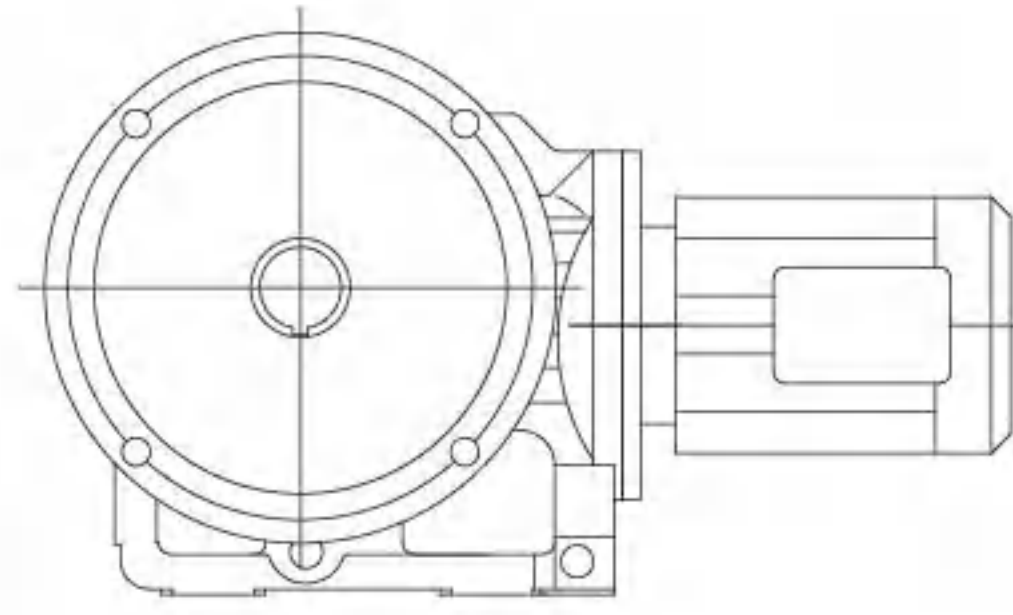
**KBF..**  
B5 法兰安装斜齿轮—伞齿轮减速机  
Helical – bevel geared motor in B5 flange – mounted version



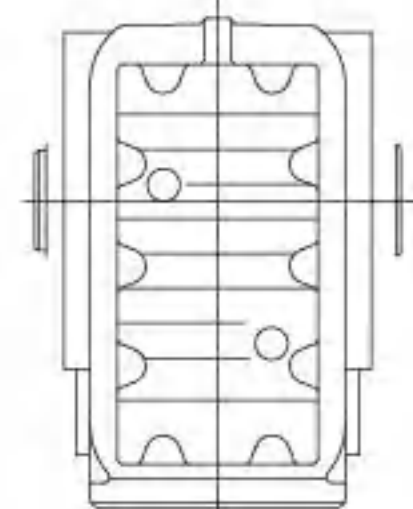
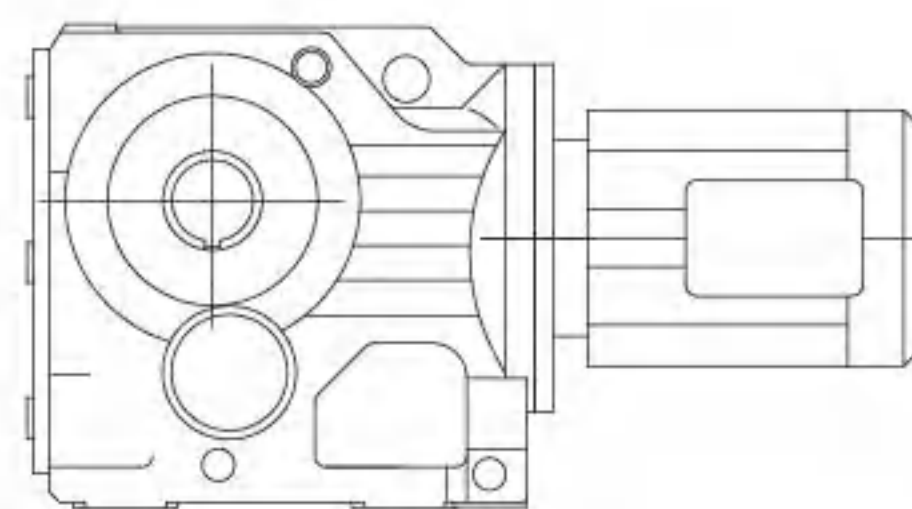
**KBAF..**  
B5 法兰空心轴安装斜齿轮—伞齿轮减速机  
Helical – bevel geared motor in B5 flange – mounted version with hollow shaft.

**KBVF..**  
B5 法兰花键空心轴 (DIN5480) 安装斜齿轮—伞齿轮减速机  
Helical – bevel geared motor in B5 flange – mounted version with hollow shaft and splined hollow shaft to DIN 5480.

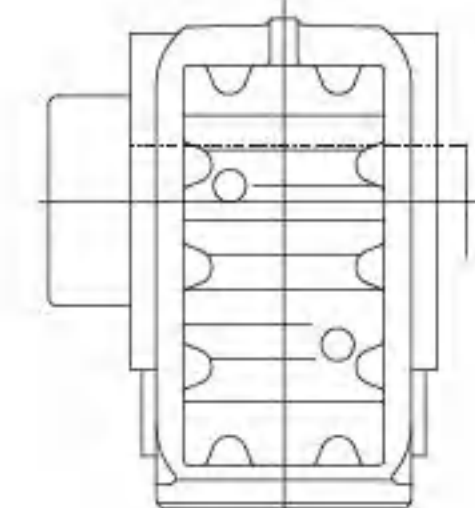
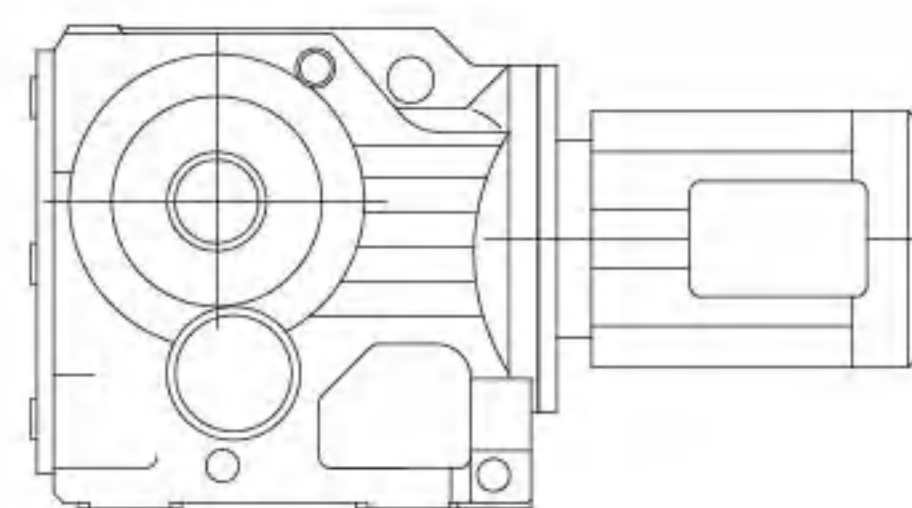




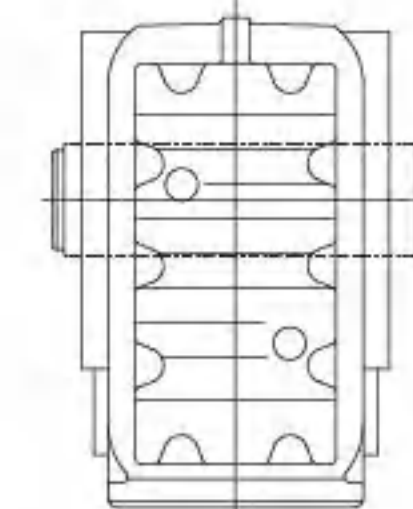
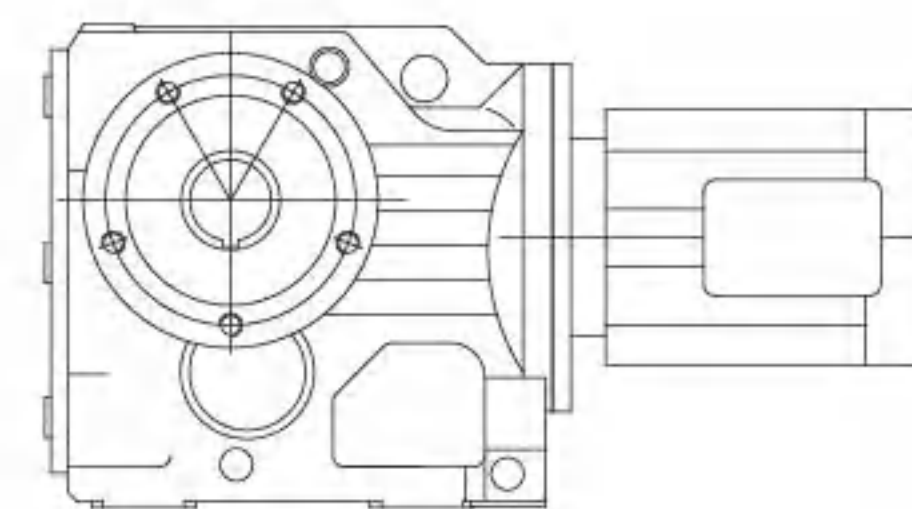
**KBF.. KBHF..**  
B5 法兰空心轴锁紧盘安装斜齿轮—伞齿轮减速机  
Helical – bevel geared motor in B5 flange – mounted version with hollow shaft and shrink disk



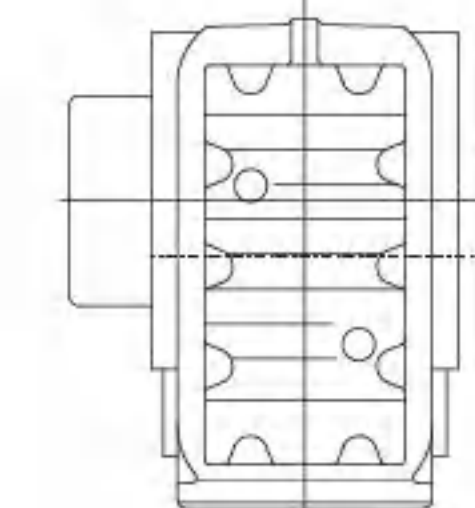
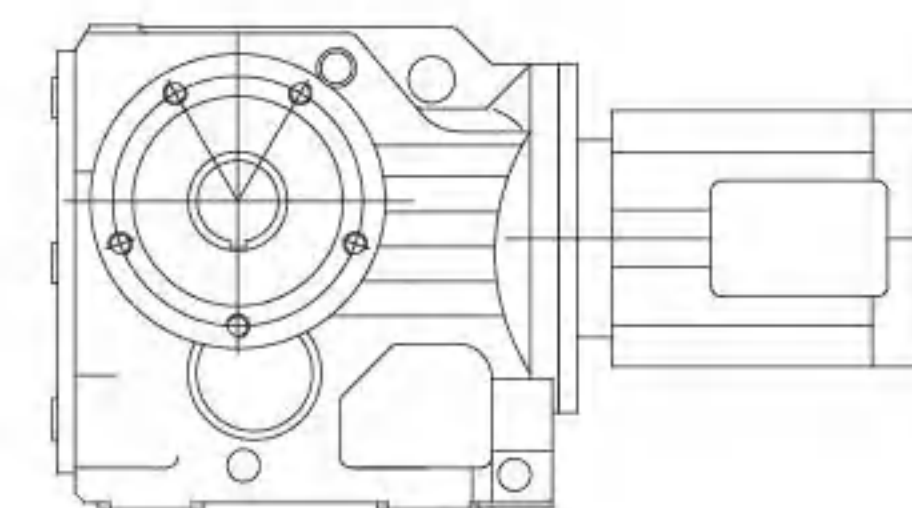
**KBA..**  
空心轴安装斜齿轮—伞齿轮减速机  
Helical – bevel geared motor with hollow shaft



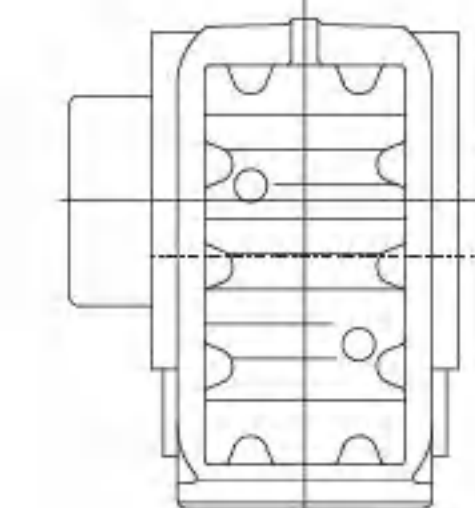
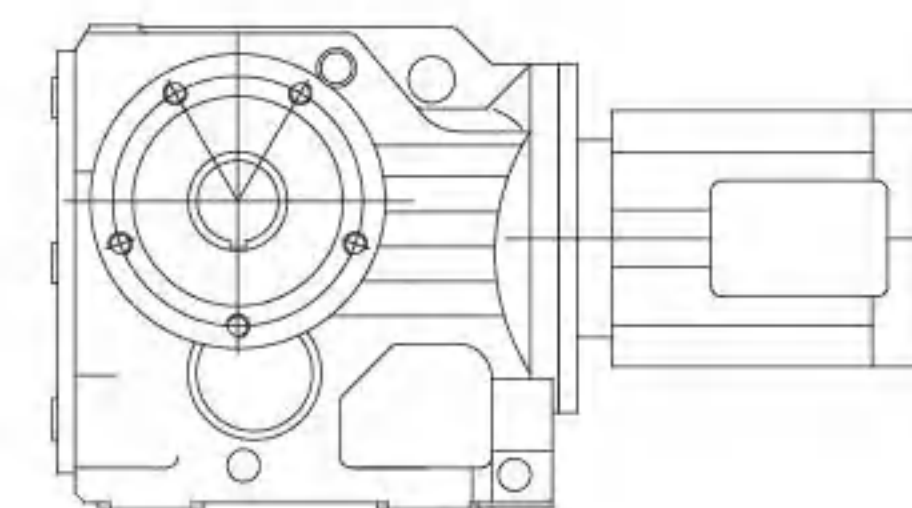
**KBV..**  
花键空心轴(DIN 5480)安装斜齿轮—伞齿轮减速机  
Helical – bevel geared motor with hollow shaft and splined hollow shaft to DIN 5480.



**KBAZ..**  
B14 法兰空心轴安装斜齿轮—伞齿轮减速机  
Helical – bevel geared motor in B14 flange – mounted version with hollow shaft



**KBVZ..**  
B14 法兰花键空心轴 ( DIN 5480 ) 安装斜齿轮—伞齿轮减速机  
Helical – bevel geared motor in B14 flange – mounted version with hollow shaft and splined hollow shaft to DIN 5480.



**KBHZ..**  
B14 法兰空心轴锁紧盘安装斜齿轮—伞齿轮减速机  
Helical – bevel geared motor in B14 flange – mounted version with hollow shaft and shrink disk

## 7.2 可行的组合方式 7.2 Type of Combination

以下是斜齿轮—伞齿轮减速机与交流（带制动）电机的组合列表。表中给出了每种组合的速比范围。  
The below is combination table between gear box and electric motor in each list the ratio range.

| 减速器型号<br>Gear unit size | 级<br>Stages | D163<br>D71                                | D80                                        | D90                                           | D100                                          | D112                                          | D132S                      | D132M                                |
|-------------------------|-------------|--------------------------------------------|--------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|----------------------------|--------------------------------------|
| KB/KBF/KBA/KBAF30       | 3           | 5.36-106.38                                | 5.36-83.69                                 | 5.36-24.99<br>29.96-72.54                     | 5.36-10.49<br>13.08-20.19<br>29.96-58.60      |                                               |                            |                                      |
| KB/KBF/KBA/KBAF40       | 3           | 7.36-11.77<br>13.65-31.30<br>39.61-131.87  | 5.81-104.37                                | 5.81-90.86                                    | 5.81-21.81<br>25.91<br>35.39-63.30<br>75.20   |                                               |                            |                                      |
| KB/KBF/KBA/KBAF50       | 3           | 9.59-11.92<br>19.34-35.70<br>48.89-145.14  | 7.55-11.92<br>15.22-123.85                 | 6.57-108.29                                   | 6.57-90.26                                    | 6.57-30.28<br>38.49-76.56                     |                            |                                      |
| KB/KBF/KBA/KBAF60       | 3           | 10.63-12.48<br>19.30-35.62<br>48.77-144.79 | 8.37-12.48<br>15.19-123.54                 | 7.28-108.03                                   | 7.28-90.04                                    | 7.28-30.22<br>38.39-76.37                     | 7.28-24.00<br>38.39-60.66  | 7.28-24.00<br>38.39-60.66            |
| KB/KBF/KBA/KBAF70       | 3           | 25.62-38.39<br>64.75-192.18                | 10.84-12.36<br>20.25-38.39<br>51.18-154.02 | 7.24-135.28                                   | 7.24-113.56                                   | 7.24-97.05                                    | 7.24-30.89<br>40.04-78.07  | 7.24-30.89<br>40.04-78.07            |
| KB/KBF/KBA/KBAF80       | 3           |                                            | 16.00<br>27.88-31.39<br>70.46-197.37       | 11.17<br>16.00<br>19.45-31.39<br>49.16-174.19 | 8.29-11.17<br>14.45-147.32                    | 8.29-11.17<br>14.45-126.91                    | 7.21-102.71                | 7.21-102.71                          |
| KB/KBF/KBA/KBAF90       | 3           |                                            |                                            | 24.75-38.30<br>62.55-176.05                   | 18.96-38.30<br>47.93-176.05                   | 18.96-38.30<br>47.93-153.21                   | 8.71-123.93                | 8.71-123.93                          |
| KB/KBF/KBA/KBAF100      | 3           |                                            |                                            |                                               | 13.43<br>22.62-29.00<br>32.69<br>57.17-143.47 | 13.43<br>22.62-29.00<br>32.69<br>57.17-143.47 | 8.69-29.00<br>32.69-143.47 | 8.69-29.00<br>32.69-143.47           |
| KB/KBF/KBA/KBAF120      | 3           |                                            |                                            |                                               |                                               |                                               |                            | 12.79<br>21.15-36.25<br>47.82-146.07 |

| 减速器型号<br>Gear unit size | 级<br>Stages | D132ML                      | D160M                       | D160L                       | D180                                     | D200                      |
|-------------------------|-------------|-----------------------------|-----------------------------|-----------------------------|------------------------------------------|---------------------------|
| KB/KBF/KBA/KBAF70       | 3           | 7.24-23.08<br>40.04-58.34   | 7.24-23.08<br>40.04-58.34   |                             |                                          |                           |
| KB/KBF/KBA/KBAF80       | 3           | 7.21-79.34                  | 7.21-79.34                  | 7.21-79.34                  | 7.21-14.45<br>17.42-24.92<br>36.52-63.00 |                           |
| KB/KBF/KBA/KBAF90       | 3           | 8.71-96.80                  | 8.71-96.80                  | 8.71-96.80                  | 8.71-30.82<br>41.87-77.89                | 8.71-24.75<br>41.87-62.55 |
| KB/KBF/KBA/KBAF100      | 3           | 8.69-112.41                 | 8.69-112.41                 | 8.69-112.41                 | 8.69-90.96                               | 8.69-31.28<br>37.00-73.30 |
| KB/KBF/KBA/KBAF120      | 3           | 10.74-12.79<br>17.77-136.14 | 10.74-12.79<br>17.77-136.14 | 10.74-12.79<br>17.77-136.14 | 8.68-110.18                              | 8.68-89.89                |
| KB/KBF/KBA/KBAF150      | 3           |                             | 18.37-31.30<br>46.79-150.41 | 18.37-31.30<br>46.79-150.41 | 14.92-122.39                             | 12.65-100.22              |
| KB/KBH160               | 3           |                             | 24.52-32.25<br>51.77-164.50 | 24.52-32.25<br>51.77-164.50 | 20.32-32.25<br>42.89-134.99              | 17.34-109.83              |
| KB/KBH180               | 3           |                             | 33.23-42.51<br>88.00-179.86 | 33.23-42.51<br>88.00-179.86 | 27.92-42.51<br>73.96-179.86              | 17.18-179.86              |

| 减速器型号<br>Gear unit size | 级<br>Stages | D225                      | D250M                     | D280                      | D315                       | D315M_A/B                  |
|-------------------------|-------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|
| KB/KBF/KBA/KBAF100      | 3           | 8.69-31.28<br>37.00-73.30 |                           |                           |                            |                            |
| KB/KBF/KBA/KBAF120      | 3           | 8.68-89.89                | 8.68-31.37<br>40.19-70.95 | 8.68-31.37<br>40.19-70.95 |                            |                            |
| KB/KBF/KBA/KBAF150      | 3           | 12.65-100.22              | 12.65-79.75               | 12.65-79.75               | 12.65-23.95<br>38.02-61.02 | 12.65-18.37<br>38.02-46.79 |
| KB/KBH160               | 3           | 17.34-109.83              | 17.34-87.86               | 17.34-87.86               | 17.34-68.07                | 17.34-24.52<br>36.61-51.77 |
| KB/KBH180               | 3           | 17.18-179.86              | 17.18-144.59              | 17.18-144.59              | 17.18-112.60               | 17.18-33.23<br>45.50-88.00 |



7.3 速比与最大扭矩  
7.3 Ratio and Max. Torque  
KB30-50  $n_e=1400$  1/min

| KB30 200Nm |                  |                    |                 |                 |
|------------|------------------|--------------------|-----------------|-----------------|
| i          | $n_a$<br>[1/min] | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] | AD              |
| 106.38     | 13               | 200                | 5640            | AD <sub>1</sub> |
| 97.81      | 14               | 200                | 5640            |                 |
| 83.69      | 17               | 200                | 5640            |                 |
| 72.54      | 19               | 200                | 5520            |                 |
| 67.80      | 21               | 200                | 5360            |                 |
| 58.60      | 24               | 200                | 5020            |                 |
| 49.79      | 28               | 200                | 4660            |                 |
| 44.46      | 31               | 200                | 4420            |                 |
| 37.97      | 37               | 200                | 4100            |                 |
| 35.57      | 39               | 200                | 3970            |                 |
| 29.96      | 47               | 200                | 3650            | AD <sub>2</sub> |
| 28.83      | 49               | 200                | 3580            |                 |
| 24.99      | 56               | 200                | 3330            |                 |
| 23.36      | 60               | 195                | 3260            |                 |
| 20.19      | 69               | 185                | 3110            |                 |
| 17.15      | 82               | 180                | 2900            |                 |
| 15.31      | 91               | 175                | 2780            |                 |
| 13.08      | 107              | 165                | 2650            |                 |
| 12.14      | 115              | 160                | 2600            |                 |
| 10.49      | 133              | 160                | 2410            |                 |
| 8.91       | 157              | 160                | 2200            |                 |
| 7.96       | 176              | 155                | 2110            |                 |
| 6.80       | 206              | 150                | 1980            |                 |
| 6.37       | 220              | 145                | 1950            |                 |
| 5.36       | 261              | 140                | 1810            |                 |

| KB40 400Nm |                  |                    |                 |                 |
|------------|------------------|--------------------|-----------------|-----------------|
| i          | $n_a$<br>[1/min] | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] | AD              |
| 131.87     | 11               | 400                | 5920            | AD <sub>2</sub> |
| 121.48     | 12               | 400                | 5920            |                 |
| 104.37     | 13               | 400                | 5920            |                 |
| 90.86      | 15               | 400                | 5920            |                 |
| 85.12      | 16               | 400                | 5920            |                 |
| 75.20      | 19               | 400                | 5920            |                 |
| 69.84      | 20               | 400                | 5920            |                 |
| 63.30      | 22               | 400                | 5920            |                 |
| 56.83      | 25               | 400                | 5920            |                 |
| 48.95      | 29               | 400                | 5920            |                 |
| 46.03      | 30               | 400                | 5920            |                 |
| 39.61      | 35               | 400                | 5920            |                 |
| 35.39      | 40               | 400                | 5920            |                 |
| 31.30      | 45               | 400                | 5700            |                 |
| 29.32      | 48               | 400                | 5520            |                 |
| 25.91      | 54               | 400                | 5170            | AD <sub>3</sub> |
| 24.06      | 58               | 400                | 4970            |                 |
| 21.81      | 64               | 400                | 4710            |                 |
| 19.58      | 72               | 400                | 4440            |                 |
| 16.86      | 83               | 380                | 4230            |                 |
| 15.86      | 88               | 380                | 4080            |                 |
| 13.65      | 103              | 360                | 3890            |                 |
| 12.19      | 115              | 350                | 3720            |                 |
| 11.77      | 119              | 280                | 4060            |                 |
| 10.56      | 133              | 280                | 3830            |                 |
| 9.10       | 154              | 280                | 3540            | AD <sub>4</sub> |
| 8.56       | 164              | 270                | 3500            |                 |
| 7.36       | 190              | 250                | 3390            |                 |
| 6.58       | 213              | 240                | 3270            |                 |
| 5.81       | 241              | 230                | 3140            |                 |

| KB50 600Nm |                  |                    |                 |                 |
|------------|------------------|--------------------|-----------------|-----------------|
| i          | $n_a$<br>[1/min] | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] | AD              |
| 145.14     | 9.6              | 600                | 7470            | AD <sub>2</sub> |
| 123.85     | 11               | 600                | 7470            |                 |
| 108.29     | 13               | 600                | 7470            |                 |
| 102.88     | 14               | 600                | 7470            |                 |
| 90.26      | 16               | 600                | 7470            |                 |
| 76.56      | 18               | 600                | 7470            |                 |
| 69.12      | 20               | 600                | 7470            |                 |
| 60.81      | 23               | 600                | 7470            |                 |
| 57.42      | 24               | 600                | 7470            |                 |
| 48.89      | 29               | 600                | 7470            |                 |
| 44.43      | 32               | 600                | 7470            | AD <sub>4</sub> |
| 38.49      | 36               | 600                | 7470            |                 |
| 35.70      | 39               | 600                | 7470            |                 |
| 30.28      | 46               | 600                | 7310            |                 |
| 27.34      | 51               | 600                | 6930            |                 |
| 24.05      | 58               | 600                | 6480            | AD <sub>3</sub> |
| 22.71      | 62               | 600                | 6280            |                 |
| 19.34      | 72               | 575                | 5910            |                 |
| 17.57      | 80               | 555                | 5740            |                 |
| 15.22      | 92               | 535                | 5430            |                 |
| 13.25      | 106              | 510                | 5190            |                 |
| 11.92      | 117              | 415                | 5150            |                 |
| 11.26      | 124              | 415                | 4990            |                 |
| 9.59       | 146              | 405                | 4650            |                 |
| 8.71       | 161              | 390                | 4520            |                 |
| 7.55       | 185              | 365                | 4360            | AD <sub>5</sub> |
| 6.57       | 213              | 345                | 4190            |                 |

KB90-120  $n_e=1400$  1/min

| KB90 4300Nm |                  |                    |                 |                 |
|-------------|------------------|--------------------|-----------------|-----------------|
| i           | $n_a$<br>[1/min] | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] | AD              |
| 176.05      | 8.0              | 4300               | 40000           | AD <sub>3</sub> |
| 153.21      | 9.1              | 4300               | 40000           |                 |
| 140.28      | 10               | 4300               | 40000           |                 |
| 123.93      | 11               | 4300               | 40000           |                 |
| 105.13      | 13               | 4300               | 40000           |                 |
| 96.80       | 14               | 4300               | 40000           |                 |
| 86.52       | 16               | 4300               | 38800           |                 |
| 77.89       | 18               | 4300               | 37100           |                 |
| 70.54       | 20               | 4300               | 35600           |                 |
| 62.55       | 22               | 4300               | 33800           | AD <sub>4</sub> |
| 56.55       | 25               | 4300               | 32300           |                 |
| 47.93       | 29               | 4300               | 30000           |                 |
| 41.87       | 33               | 4300               | 28300           |                 |
| 38.30       | 37               | 4300               | 27100           | AD <sub>5</sub> |
| 34.23       | 41               | 4300               | 25700           |                 |
| 30.82       | 45               | 4300               | 24500           |                 |
| 27.91       | 50               | 4300               | 23300           |                 |
| 24.75       | 57               | 4300               | 22000           |                 |
| 22.37       | 63               | 4300               | 20900           |                 |
| 18.96       | 74               | 4300               | 19100           |                 |
| 16.56       | 85               | 4300               | 17800           |                 |
| 13.85       | 101              | 4300               | 16100           |                 |
| 11.99       | 117              | 3890               | 16200           | AD <sub>6</sub> |
| 10.41       | 134              | 2870               | 16400           |                 |
| 8.71        | 161              | 2660               | 15800           | AD <sub>6</sub> |

| KB100 8000Nm |                  |                    |                 |                 |
|--------------|------------------|--------------------|-----------------|-----------------|
| i            | $n_a$<br>[1/min] | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] | AD              |
| 143.47       | 9.8              | 8000               | 65000           | AD <sub>4</sub> |
| 121.46       | 12               | 8000               | 61700           |                 |
| 112.41       | 12               | 8000               | 59700           |                 |
| 100.75       | 14               | 8000               | 57000           |                 |
| 90.96        | 15               | 8000               | 54600           |                 |
| 82.61        | 17               | 8000               | 52400           |                 |
| 73.30        | 19               | 8000               | 49700           |                 |
| 66.52        | 21               | 8000               | 47600           |                 |
| 57.17        | 24               | 8000               | 44400           |                 |
| 49.90        | 28               | 7840               | 42200           | AD <sub>5</sub> |
| 42.33        | 33               | 7360               | 40500           |                 |
| 37.00        | 38               | 7200               | 38500           |                 |
| 32.69        | 43               | 7200               | 36300           |                 |
| 31.28        | 45               | 6800               | 36700           |                 |
| 29.00        | 48               | 7200               | 34000           | AD <sub>6</sub> |
| 26.32        | 53               | 7200               | 32000           |                 |
| 22.62        | 62               | 7200               | 28900           |                 |
| 19.74        | 71               | 7200               | 26100           |                 |
| 16.75        | 84               | 7050               | 23600           |                 |
| 14.64        | 96               | 6890               | 21900           |                 |
| 13.43        | 104              | 4300               | 29200           |                 |
| 11.73        | 119              | 4300               | 27500           |                 |
| 9.94         | 141              | 4190               | 25800           |                 |
| 8.69         | 161              | 4070               | 24600           |                 |

| KB120 13000Nm |                  |                    |                 |                 |
|---------------|------------------|--------------------|-----------------|-----------------|
| i             | $n_a$<br>[1/min] | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] | AD              |
| 146.07        | 9.6              | 13000              | 79200           | AD <sub>4</sub> |
| 136.14        | 10               | 13000              | 79200           |                 |
| 122.48        | 11               | 13000              | 79200           |                 |
| 110.18        | 13               | 13000              | 79200           |                 |
| 89.89         | 16               | 13000              | 75100           |                 |
| 81.98         | 17               | 13000              | 72100           | AD <sub>5</sub> |
| 70.95         | 20               | 13000              | 67700           |                 |
| 62.60         | 22               | 13000              | 64000           |                 |
| 54.07         | 26               | 13000              | 59900           |                 |
| 47.82         | 29               | 13000              | 56500           |                 |
| 40.19         | 35               | 13000              | 52000           | AD <sub>6</sub> |
| 36.25         | 39               | 13000              | 49400           | AD <sub>7</sub> |
| 31.37         | 45               | 13000              | 45900           |                 |
| 27.68         | 51               | 13000              | 43000           |                 |
| 23.91         | 59               | 13000              | 39800           |                 |
| 21.15         | 66               | 13000              | 37200           | AD <sub>8</sub> |
| 17.77         | 79               | 13000              | 33600           |                 |
| 14.35         | 98               | 12100              | 31800           |                 |
| 12.79         | 109              | 8530               | 35400           |                 |
| 10.74         | 130              | 8000               | 33900           |                 |
| 8.68          | 161              | 7230               | 32500           |                 |

KB60-50  $n_e=1400$  1/min

| KB60 820Nm |                  |                    |                 |                 |
|------------|------------------|--------------------|-----------------|-----------------|
| i          | $n_a$<br>[1/min] | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] | AD              |
| 144.79     | 9.7              | 820                | 10300           | AD <sub>2</sub> |
| 123.54     | 11               | 820                | 10300           |                 |
| 108.03     | 13               | 820                | 10300           |                 |
| 102.62     | 14               | 820                | 10300           |                 |
| 90.04      | 16               | 820                | 10300           |                 |
| 76.37      | 18               | 820                | 10300           |                 |
| 68.95      | 20               | 820                | 10300           |                 |
| 60.66      | 23               | 820                | 10300           |                 |
| 57.28      | 24               | 820                | 10300           |                 |
| 48.77      | 29               | 820                | 10300           |                 |
| 44.32      | 32               | 820                | 10300           |                 |
| 38.39      | 36               | 820                | 10500           |                 |
| 35.62      | 39               | 820                | 10300           |                 |
| 30.22      | 46               | 820                | 10300           | AD <sub>3</sub> |
| 27.28      | 51               | 820                | 10300           |                 |
| 24.00      | 58               | 800                | 10500           |                 |
| 22.66      | 62               | 780                | 10700           |                 |
| 19.30      | 73               | 760                | 10800           |                 |
| 17.54      | 80               | 740                | 11000           |                 |
| 15.19      | 92               | 700                | 11300           |                 |
| 13.22      | 106              | 670                | 11500           |                 |
| 12.48      | 112              | 530                | 12300           |                 |
| 10.63      | 132              | 500                | 11800           |                 |
| 9.66       | 145              | 480                | 11500           |                 |
| 8.37       | 167              | 440                | 11100           |                 |
| 7.28       | 192              | 420                | 10700           |                 |

| KB70 1550Nm |                  |                    |                 |                 |
|-------------|------------------|--------------------|-----------------|-----------------|
| i           | $n_a$<br>[1/min] | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] | AD              |
| 192.18      | 7.3              | 1450               | 16100           | AD <sub>2</sub> |
| 179.37      | 7.8              | 1450               | 16100           |                 |
| 154.02      | 9.1              | 1550               | 15400           |                 |
| 135.28      | 10               | 1550               | 15400           |                 |
| 128.52      | 11               | 1550               | 15400           |                 |
| 113.56      | 12               | 1550               | 15400           |                 |
| 97.05       | 14               | 1550               | 15400           |                 |
| 88.97       | 16               | 1550               | 15400           |                 |
| 78.07       | 18               | 1550               | 15400           |                 |
| 73.99       | 19               | 1550               | 15400           |                 |
| 64.75       | 22               | 1550               | 15400           |                 |
| 58.34       | 24               | 1550               | 15400           |                 |
| 51.18       | 27               | 1550               | 15400           |                 |
| 45.16       | 31               | 1550               | 15400           | AD <sub>3</sub> |
| 40.04       | 35               | 1550               | 15400           |                 |
| 38.39       | 36               | 1550               | 15700           |                 |
| 35.20       | 40               | 1550               | 15400           |                 |
| 30.89       | 45               | 1550               | 15400           |                 |
| 29.27       | 48               | 1550               | 15400           | AD <sub>4</sub> |
| 25.62       | 55               | 1550               | 15400           |                 |
| 23.08       | 61               | 1550               | 15400           |                 |
| 20.25       | 69               | 1500               | 15700           |                 |
| 17.87       | 78               | 1450               | 16100           |                 |
| 15.84       | 88               | 1400               | 15500           |                 |
| 13.52       | 104              | 1340               | 14800           |                 |
| 12.36       | 113              | 1000               | 15100           |                 |
| 10.84       | 129              | 990                | 14400           |                 |
| 9.56        | 146              | 940                | 13900           |                 |
| 8.48        | 165              | 890                | 13500           |                 |
| 7.24        | 193              | 820                | 13100           |                 |

| KB80   |                  |                    | 2700Nm          |                 |
|--------|------------------|--------------------|-----------------|-----------------|
| i      | $n_a$<br>[1/min] | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] | AD              |
| 197.37 | 7.1              | 2700               | 27300           | AD <sub>2</sub> |
| 174.19 | 8.0              | 2700               | 27300           |                 |
| 164.34 | 8.5              | 2700               | 27300           |                 |
| 147.32 | 9.5              | 2700               | 27300           |                 |
| 126.91 | 11               | 2700               | 27300           |                 |
| 115.82 | 12               | 2700               | 27300           |                 |
| 102.71 | 14               | 2700               | 27300           |                 |
| 86.34  | 16               | 2700               | 27300           | AD <sub>3</sub> |
| 79.34  | 18               | 2700               | 27300           |                 |
| 70.46  | 20               | 2700               | 27300           |                 |
| 63.00  | 22               | 2700               | 26200           |                 |
| 56.64  | 25               | 2700               | 25000           |                 |
| 49.16  | 28               | 2700               | 23500           |                 |
| 44.02  | 32               | 2600               | 22800           |                 |
| 36.52  | 38               | 2500               | 21400           | AD <sub>4</sub> |
| 31.39  | 45               | 2700               | 19200           |                 |
| 27.88  | 50               | 2600               | 18500           |                 |
| 24.92  | 56               | 2500               | 18000           |                 |
| 22.41  | 62               | 2300               | 17900           |                 |
| 19.45  | 72               | 2300               | 16800           |                 |
| 17.42  | 80               | 2200               | 16300           |                 |
| 16.00  | 87               | 1800               | 16000           | AD <sub>5</sub> |
| 14.45  | 97               | 2100               | 15300           |                 |
| 12.56  | 111              | 2000               | 14800           |                 |
| 11.17  | 125              | 1500               | 14900           |                 |
| 10.00  | 140              | 1500               | 14200           |                 |
| 8.29   | 169              | 1400               | 13500           |                 |
| 7.21   | 194              | 1300               | 13200           |                 |



KB30-H10,KB40/50H30    n<sub>e</sub>=1400 1/min

| KB30H10 |                           |       |      | 200Nm                     |                        |
|---------|---------------------------|-------|------|---------------------------|------------------------|
| i       | n <sub>a</sub><br>[1/min] | Stage |      | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] |
|         |                           | KB30  | KH10 |                           |                        |
| 6832    | 0.20                      | 3     | 3    | 200                       | 5640                   |
| 5922    | 0.24                      | 3     | 3    | 200                       | 5640                   |
| 5491    | 0.25                      | 3     | 3    | 200                       | 5640                   |
| 4759    | 0.29                      | 3     | 3    | 200                       | 5640                   |
| 4160    | 0.34                      | 3     | 3    | 200                       | 5640                   |
| 3645    | 0.38                      | 3     | 3    | 200                       | 5640                   |
| 3205    | 0.44                      | 3     | 3    | 200                       | 5640                   |
| 2801    | 0.50                      | 3     | 3    | 200                       | 5640                   |
| 2454    | 0.57                      | 3     | 3    | 200                       | 5640                   |
| 2166    | 0.65                      | 3     | 3    | 200                       | 5640                   |
| 1891    | 0.74                      | 3     | 3    | 200                       | 5640                   |
| 1660    | 0.84                      | 3     | 3    | 200                       | 5640                   |
| 1466    | 0.95                      | 3     | 3    | 200                       | 5640                   |
| 1288    | 1.1                       | 3     | 3    | 200                       | 5640                   |
| 1136    | 1.2                       | 3     | 3    | 200                       | 5640                   |
| 996     | 1.4                       | 3     | 2    | 200                       | 5640                   |
| 876     | 1.6                       | 3     | 2    | 200                       | 5640                   |
| 761     | 1.8                       | 3     | 2    | 200                       | 5640                   |
| 671     | 2.1                       | 3     | 2    | 200                       | 5640                   |
| 585     | 2.4                       | 3     | 2    | 200                       | 5640                   |
| 512     | 2.7                       | 3     | 2    | 200                       | 5640                   |
| 451     | 3.1                       | 3     | 2    | 200                       | 5640                   |
| 396     | 3.5                       | 3     | 2    | 200                       | 5640                   |
| 346     | 4.0                       | 3     | 2    | 200                       | 5640                   |
| 304     | 4.6                       | 3     | 2    | 200                       | 5640                   |
| 267     | 5.2                       | 3     | 2    | 200                       | 5640                   |
| 234     | 6.0                       | 3     | 2    | 200                       | 5640                   |
| 205     | 6.8                       | 3     | 2    | 200                       | 5640                   |
| 181     | 7.7                       | 3     | 2    | 200                       | 5640                   |
| 160     | 8.8                       | 3     | 2    | 200                       | 5640                   |
| 136     | 10                        | 3     | 2    | 200                       | 5640                   |
| 127     | 11                        | 3     | 2    | 200                       | 5640                   |
| 110     | 13                        | 3     | 2    | 200                       | 5640                   |
| 96      | 15                        | 3     | 2    | 200                       | 5640                   |

| KB40H30 |                           |                    |   | 400Nm                     |                        |
|---------|---------------------------|--------------------|---|---------------------------|------------------------|
| i       | n <sub>a</sub><br>[1/min] | Stage<br>KB40 KH30 |   | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] |
| 10138   | 0.14                      | 3                  | 3 | 400                       | 5920                   |
| 8534    | 0.16                      | 3                  | 3 | 400                       | 5920                   |
| 7662    | 0.18                      | 3                  | 3 | 400                       | 5920                   |
| 6826    | 0.21                      | 3                  | 3 | 400                       | 5920                   |
| 5983    | 0.23                      | 3                  | 3 | 400                       | 5920                   |
| 5159    | 0.27                      | 3                  | 3 | 400                       | 5920                   |
| 4601    | 0.30                      | 3                  | 3 | 400                       | 5920                   |
| 3940    | 0.36                      | 3                  | 3 | 400                       | 5920                   |
| 3477    | 0.40                      | 3                  | 3 | 400                       | 5920                   |
| 3043    | 0.46                      | 3                  | 3 | 400                       | 5920                   |
| 2733    | 0.51                      | 3                  | 3 | 400                       | 5920                   |
| 2354    | 0.59                      | 3                  | 3 | 400                       | 5920                   |
| 2063    | 0.68                      | 3                  | 3 | 400                       | 5920                   |
| 1819    | 0.77                      | 3                  | 3 | 400                       | 5920                   |
| 1586    | 0.88                      | 3                  | 3 | 400                       | 5920                   |
| 1388    | 1.0                       | 3                  | 3 | 400                       | 5920                   |
| 1222    | 1.1                       | 3                  | 2 | 400                       | 5920                   |
| 1097    | 1.3                       | 3                  | 2 | 400                       | 5920                   |
| 945     | 1.5                       | 3                  | 2 | 400                       | 5920                   |
| 831     | 1.7                       | 3                  | 2 | 400                       | 5920                   |
| 718     | 1.9                       | 3                  | 2 | 400                       | 5920                   |
| 639     | 2.2                       | 3                  | 2 | 400                       | 5920                   |
| 552     | 2.5                       | 3                  | 2 | 400                       | 5920                   |
| 495     | 2.8                       | 3                  | 2 | 400                       | 5920                   |
| 426     | 3.3                       | 3                  | 2 | 400                       | 5920                   |
| 375     | 3.7                       | 3                  | 2 | 400                       | 5920                   |
| 327     | 4.3                       | 3                  | 2 | 400                       | 5920                   |
| 289     | 4.8                       | 3                  | 2 | 400                       | 5920                   |
| 256     | 5.5                       | 3                  | 2 | 400                       | 5920                   |
| 225     | 6.2                       | 3                  | 2 | 400                       | 5920                   |
| 198     | 7.1                       | 3                  | 2 | 400                       | 5920                   |
| 171     | 8.2                       | 3                  | 2 | 400                       | 5920                   |
| 153     | 9.2                       | 3                  | 2 | 400                       | 5920                   |
| 131     | 11                        | 3                  | 2 | 400                       | 5920                   |
| 112     | 13                        | 3                  | 2 | 400                       | 5920                   |
| 99      | 14                        | 3                  | 2 | 400                       | 5920                   |
| 94      | 15                        | 3                  | 2 | 400                       | 5920                   |

| KB50H30 |                           |       |      | 600Nm                     |                        |
|---------|---------------------------|-------|------|---------------------------|------------------------|
| i       | n <sub>a</sub><br>[1/min] | Stage |      | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] |
|         |                           | KB50  | KH30 |                           |                        |
| 12169   | 0.12                      | 3     | 3    | 600                       | 7470                   |
| 11162   | 0.13                      | 3     | 3    | 600                       | 7470                   |
| 9503    | 0.15                      | 3     | 3    | 600                       | 7470                   |
| 8547    | 0.16                      | 3     | 3    | 600                       | 7470                   |
| 7277    | 0.19                      | 3     | 3    | 600                       | 7470                   |
| 6478    | 0.22                      | 3     | 3    | 600                       | 7470                   |
| 5662    | 0.25                      | 3     | 3    | 600                       | 7470                   |
| 5033    | 0.28                      | 3     | 3    | 600                       | 7470                   |
| 4340    | 0.32                      | 3     | 3    | 600                       | 7470                   |
| 3854    | 0.36                      | 3     | 3    | 600                       | 7470                   |
| 3390    | 0.41                      | 3     | 3    | 600                       | 7470                   |
| 2924    | 0.48                      | 3     | 3    | 600                       | 7470                   |
| 2593    | 0.54                      | 3     | 3    | 600                       | 7470                   |
| 2249    | 0.62                      | 3     | 3    | 600                       | 7470                   |
| 1986    | 0.70                      | 3     | 3    | 600                       | 7470                   |
| 1743    | 0.80                      | 3     | 2    | 600                       | 7470                   |
| 1539    | 0.91                      | 3     | 2    | 600                       | 7470                   |
| 1354    | 1.0                       | 3     | 2    | 600                       | 7470                   |
| 1174    | 1.2                       | 3     | 2    | 600                       | 7470                   |
| 1036    | 1.4                       | 3     | 2    | 600                       | 7470                   |
| 906     | 1.5                       | 3     | 2    | 600                       | 7470                   |
| 806     | 1.7                       | 3     | 2    | 600                       | 7470                   |
| 699     | 2.0                       | 3     | 2    | 600                       | 7470                   |
| 615     | 2.3                       | 3     | 2    | 600                       | 7470                   |
| 544     | 2.6                       | 3     | 2    | 600                       | 7470                   |
| 473     | 3.0                       | 3     | 2    | 600                       | 7470                   |
| 421     | 3.3                       | 3     | 2    | 600                       | 7470                   |
| 362     | 3.9                       | 3     | 2    | 600                       | 7470                   |
| 319     | 4.4                       | 3     | 2    | 600                       | 7470                   |
| 280     | 5.0                       | 3     | 2    | 600                       | 7470                   |
| 246     | 5.7                       | 3     | 2    | 600                       | 7470                   |
| 215     | 6.5                       | 3     | 2    | 600                       | 7470                   |
| 192     | 7.3                       | 3     | 2    | 600                       | 7470                   |
| 166     | 8.4                       | 3     | 2    | 600                       | 7470                   |
| 145     | 9.7                       | 3     | 2    | 600                       | 7470                   |
| 129     | 11                        | 3     | 2    | 600                       | 7470                   |
| 111     | 13                        | 3     | 2    | 600                       | 7470                   |
| 97      | 14                        | 3     | 2    | 600                       | 7470                   |

KB60/70H30,KB80H50    n<sub>e</sub>=1400 1/min

| KB60H30 |                           |                    |   | 820Nm                     |                        |
|---------|---------------------------|--------------------|---|---------------------------|------------------------|
| i       | n <sub>a</sub><br>[1/min] | Stage<br>KB60 KH30 |   | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] |
| 12139   | 0.12                      | 3                  | 3 | 820                       | 10300                  |
| 11134   | 0.13                      | 3                  | 3 | 820                       | 10300                  |
| 9479    | 0.15                      | 3                  | 3 | 820                       | 10300                  |
| 8173    | 0.17                      | 3                  | 3 | 820                       | 10300                  |
| 7259    | 0.19                      | 3                  | 3 | 820                       | 10300                  |
| 6462    | 0.22                      | 3                  | 3 | 820                       | 10300                  |
| 5648    | 0.25                      | 3                  | 3 | 820                       | 10300                  |
| 4846    | 0.29                      | 3                  | 3 | 820                       | 10300                  |
| 4329    | 0.32                      | 3                  | 3 | 820                       | 10300                  |
| 3750    | 0.37                      | 3                  | 3 | 820                       | 10300                  |
| 3315    | 0.42                      | 3                  | 3 | 820                       | 10300                  |
| 2917    | 0.48                      | 3                  | 3 | 820                       | 10300                  |
| 2532    | 0.55                      | 3                  | 3 | 820                       | 10300                  |
| 2244    | 0.62                      | 3                  | 3 | 820                       | 10300                  |
| 1981    | 0.71                      | 3                  | 3 | 820                       | 10300                  |
| 1739    | 0.81                      | 3                  | 2 | 820                       | 10300                  |
| 1535    | 0.91                      | 3                  | 2 | 820                       | 10300                  |
| 1351    | 1.0                       | 3                  | 2 | 820                       | 10300                  |
| 1171    | 1.2                       | 3                  | 2 | 820                       | 10300                  |
| 1034    | 1.4                       | 3                  | 2 | 820                       | 10300                  |
| 903     | 1.6                       | 3                  | 2 | 820                       | 10300                  |
| 793     | 1.8                       | 3                  | 2 | 820                       | 10300                  |
| 697     | 2.0                       | 3                  | 2 | 820                       | 10300                  |
| 613     | 2.3                       | 3                  | 2 | 820                       | 10300                  |
| 542     | 2.6                       | 3                  | 2 | 820                       | 10300                  |
| 471     | 3.0                       | 3                  | 2 | 820                       | 10300                  |
| 420     | 3.3                       | 3                  | 2 | 820                       | 10300                  |
| 361     | 3.9                       | 3                  | 2 | 820                       | 10300                  |
| 323     | 4.3                       | 3                  | 2 | 820                       | 10300                  |
| 279     | 5.0                       | 3                  | 2 | 820                       | 10300                  |
| 246     | 5.7                       | 3                  | 2 | 820                       | 10300                  |
| 217     | 6.5                       | 3                  | 2 | 820                       | 10300                  |
| 191     | 7.3                       | 3                  | 2 | 820                       | 10300                  |
| 166     | 8.4                       | 3                  | 2 | 820                       | 10300                  |
| 144     | 9.7                       | 3                  | 2 | 820                       | 10300                  |
| 122     | 11                        | 3                  | 2 | 820                       | 10300                  |

| KB70H30 |                           |       |      | 1550Nm                    |                        |
|---------|---------------------------|-------|------|---------------------------|------------------------|
| i       | n <sub>a</sub><br>[1/min] | Stage |      | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] |
|         |                           | KB70  | KH30 |                           |                        |
| 15310   | 0.09                      | 3     | 3    | 1550                      | 15400                  |
| 14043   | 0.10                      | 3     | 3    | 1550                      | 15400                  |
| 11955   | 0.12                      | 3     | 3    | 1550                      | 15400                  |
| 10217   | 0.14                      | 3     | 3    | 1550                      | 15400                  |
| 8809    | 0.16                      | 3     | 3    | 1550                      | 15400                  |
| 7528    | 0.19                      | 3     | 3    | 1500                      | 15400                  |
| 6606    | 0.21                      | 3     | 3    | 1550                      | 15400                  |
| 5774    | 0.24                      | 3     | 3    | 1550                      | 15400                  |
| 5089    | 0.28                      | 3     | 3    | 1550                      | 15400                  |
| 4489    | 0.31                      | 3     | 3    | 1550                      | 15400                  |
| 3961    | 0.35                      | 3     | 3    | 1550                      | 15400                  |
| 3485    | 0.40                      | 3     | 3    | 1500                      | 15400                  |
| 2901    | 0.48                      | 3     | 3    | 1550                      | 15400                  |
| 2717    | 0.52                      | 3     | 3    | 1550                      | 15400                  |
| 2370    | 0.59                      | 3     | 3    | 1550                      | 15400                  |
| 2050    | 0.68                      | 3     | 2    | 1550                      | 15400                  |
| 1772    | 0.79                      | 3     | 2    | 1550                      | 15400                  |
| 1514    | 0.92                      | 3     | 2    | 1500                      | 15400                  |
| 1388    | 1.0                       | 3     | 2    | 1550                      | 15400                  |
| 1218    | 1.1                       | 3     | 2    | 1550                      | 15400                  |
| 1053    | 1.3                       | 3     | 2    | 1550                      | 15400                  |
| 924     | 1.5                       | 3     | 2    | 1550                      | 15400                  |
| 815     | 1.7                       | 3     | 2    | 1550                      | 15400                  |
| 709     | 2.0                       | 3     | 2    | 1500                      | 15400                  |
| 622     | 2.3                       | 3     | 2    | 1550                      | 15400                  |
| 552     | 2.5                       | 3     | 2    | 1550                      | 15400                  |
| 485     | 2.9                       | 3     | 2    | 1550                      | 15400                  |
| 428     | 3.3                       | 3     | 2    | 1550                      | 15400                  |
| 367     | 3.8                       | 3     | 2    | 1550                      | 15400                  |
| 328     | 4.3                       | 3     | 2    | 1500                      | 15400                  |
| 290     | 4.8                       | 3     | 2    | 1550                      | 15400                  |
| 252     | 5.6                       | 3     | 2    | 1550                      | 15400                  |
| 221     | 6.3                       | 3     | 2    | 1550                      | 15400                  |
| 195     | 7.2                       | 3     | 2    | 1550                      | 15400                  |
| 175     | 8.0                       | 3     | 2    | 1550                      | 15400                  |
| 154     | 9.1                       | 3     | 2    | 1550                      | 15400                  |

| KB80H50 |                           |       |      | 2700Nm                     |                        |
|---------|---------------------------|-------|------|----------------------------|------------------------|
| i       | n <sub>a</sub><br>[1/min] | Stage |      | M <sub>a</sub> max<br>[Nm] | F <sub>Ra</sub><br>[N] |
|         |                           | KB80  | KH50 |                            |                        |
| 14829   | 0.09                      | 3     | 3    | 2700                       | 27300                  |
| 13168   | 0.11                      | 3     | 3    | 2700                       | 27300                  |
| 11737   | 0.12                      | 3     | 3    | 2700                       | 27300                  |
| 10217   | 0.14                      | 3     | 3    | 2700                       | 27300                  |
| 9073    | 0.15                      | 3     | 3    | 2700                       | 27300                  |
| 7854    | 0.18                      | 3     | 3    | 2700                       | 27300                  |
| 6832    | 0.20                      | 3     | 3    | 2700                       | 27300                  |
| 5930    | 0.24                      | 3     | 3    | 2700                       | 27300                  |
| 5240    | 0.27                      | 3     | 3    | 2700                       | 27300                  |
| 4562    | 0.31                      | 3     | 3    | 2700                       | 27300                  |
| 4037    | 0.35                      | 3     | 3    | 2700                       | 27300                  |
| 3609    | 0.39                      | 3     | 3    | 2700                       | 27300                  |
| 3107    | 0.45                      | 3     | 3    | 2700                       | 27300                  |
| 2728    | 0.51                      | 3     | 3    | 2700                       | 27300                  |
| 2371    | 0.59                      | 3     | 3    | 2700                       | 27300                  |
| 2088    | 0.67                      | 3     | 2    | 2700                       | 27300                  |
| 1854    | 0.76                      | 3     | 2    | 2700                       | 27300                  |
| 1657    | 0.84                      | 3     | 2    | 2700                       | 27300                  |
| 1415    | 0.99                      | 3     | 2    | 2700                       | 27300                  |
| 1229    | 1.1                       | 3     | 2    | 2700                       | 27300                  |
| 1078    | 1.3                       | 3     | 2    | 2700                       | 27300                  |
| 951     | 1.5                       | 3     | 2    | 2700                       | 27300                  |
| 837     | 1.7                       | 3     | 2    | 2700                       | 27300                  |
| 726     | 1.9                       | 3     | 2    | 2700                       | 27300                  |
| 638     | 2.2                       | 3     | 2    | 2700                       | 27300                  |
| 562     | 2.5                       | 3     | 2    | 2700                       | 27300                  |
| 474     | 3.0                       | 3     | 2    | 2700                       | 27300                  |
| 426     | 3.3                       | 3     | 2    | 2700                       | 27300                  |
| 373     | 3.8                       | 3     | 2    | 2700                       | 27300                  |
| 330     | 4.2                       | 3     | 2    | 2700                       | 27300                  |
| 294     | 4.8                       | 3     | 2    | 2700                       | 27300                  |
| 250     | 5.6                       | 3     | 2    | 2700                       | 27300                  |
| 236     | 5.9                       | 3     | 2    | 2700                       | 27300                  |
| 201     | 7.0                       | 3     | 2    | 2700                       | 27300                  |
| 183     | 7.7                       | 3     | 2    | 2700                       | 27300                  |
| 159     | 8.8                       | 3     | 2    | 2700                       | 27300                  |
| 141     | 9.9                       | 3     | 2    | 2700                       | 27400                  |



KB120H80,KB150H90,KB150H100 n<sub>e</sub>=1400 1/min

| KB90H50 |                           |                    |   |                           | 4300Nm                 |  |
|---------|---------------------------|--------------------|---|---------------------------|------------------------|--|
| i       | n <sub>a</sub><br>[1/min] | Stage<br>KB90 KH50 |   | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] |  |
| 18091   | 0.08                      | 3                  | 3 | 4300                      | 40000                  |  |
| 16666   | 0.08                      | 3                  | 3 | 4300                      | 40000                  |  |
| 14897   | 0.09                      | 3                  | 3 | 4300                      | 40000                  |  |
| 13182   | 0.11                      | 3                  | 3 | 4300                      | 40000                  |  |
| 11677   | 0.12                      | 3                  | 3 | 4300                      | 40000                  |  |
| 10317   | 0.14                      | 3                  | 3 | 4300                      | 40000                  |  |
| 9083    | 0.15                      | 3                  | 3 | 4300                      | 40000                  |  |
| 8054    | 0.17                      | 3                  | 3 | 4300                      | 40000                  |  |
| 6970    | 0.20                      | 3                  | 3 | 4300                      | 40000                  |  |
| 6027    | 0.23                      | 3                  | 3 | 4300                      | 40000                  |  |
| 5391    | 0.26                      | 3                  | 3 | 4300                      | 40000                  |  |
| 4669    | 0.30                      | 3                  | 3 | 4300                      | 40000                  |  |
| 4082    | 0.34                      | 3                  | 3 | 4300                      | 40000                  |  |
| 3583    | 0.39                      | 3                  | 3 | 4300                      | 40000                  |  |
| 3108    | 0.45                      | 3                  | 3 | 4300                      | 40000                  |  |
| 2757    | 0.51                      | 3                  | 3 | 4300                      | 40000                  |  |
| 2419    | 0.58                      | 3                  | 2 | 4300                      | 40000                  |  |
| 2123    | 0.66                      | 3                  | 2 | 4300                      | 40000                  |  |
| 1856    | 0.75                      | 3                  | 2 | 4300                      | 40000                  |  |
| 1625    | 0.86                      | 3                  | 2 | 4300                      | 40000                  |  |
| 1430    | 0.98                      | 3                  | 2 | 4300                      | 40000                  |  |
| 1261    | 1.1                       | 3                  | 2 | 4300                      | 40000                  |  |
| 1102    | 1.3                       | 3                  | 2 | 4300                      | 40000                  |  |
| 957     | 1.5                       | 3                  | 2 | 4300                      | 40000                  |  |
| 855     | 1.6                       | 3                  | 2 | 4300                      | 40000                  |  |
| 743     | 1.9                       | 3                  | 2 | 4300                      | 40000                  |  |
| 652     | 2.1                       | 3                  | 2 | 4300                      | 40000                  |  |
| 573     | 2.4                       | 3                  | 2 | 4300                      | 40000                  |  |
| 504     | 2.8                       | 3                  | 2 | 4300                      | 40000                  |  |
| 437     | 3.2                       | 3                  | 2 | 4300                      | 40000                  |  |
| 382     | 3.7                       | 3                  | 2 | 4300                      | 40000                  |  |
| 342     | 4.1                       | 3                  | 2 | 4300                      | 40000                  |  |
| 305     | 4.6                       | 3                  | 2 | 4300                      | 40000                  |  |
| 258     | 5.4                       | 3                  | 2 | 4300                      | 40000                  |  |
| 232     | 6.0                       | 3                  | 2 | 4300                      | 40000                  |  |
| 199     | 7.0                       | 3                  | 2 | 4300                      | 40000                  |  |

| KB100H70 |                           |                     |   |                           | 8000Nm                 |  |
|----------|---------------------------|---------------------|---|---------------------------|------------------------|--|
| i        | n <sub>a</sub><br>[1/min] | Stage<br>KB100 KH70 |   | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] |  |
| 14311    | 0.10                      | 3                   | 3 | 8000                      | 65000                  |  |
| 12211    | 0.11                      | 3                   | 3 | 8000                      | 65000                  |  |
| 10677    | 0.13                      | 3                   | 3 | 8000                      | 65000                  |  |
| 9524     | 0.15                      | 3                   | 3 | 8000                      | 65000                  |  |
| 8328     | 0.17                      | 3                   | 3 | 8000                      | 65000                  |  |
| 7270     | 0.19                      | 3                   | 3 | 8000                      | 65000                  |  |
| 6184     | 0.23                      | 3                   | 3 | 8000                      | 65000                  |  |
| 5662     | 0.25                      | 3                   | 3 | 8000                      | 65000                  |  |
| 5138     | 0.27                      | 3                   | 3 | 8000                      | 65000                  |  |
| 4359     | 0.32                      | 3                   | 3 | 8000                      | 65000                  |  |
| 3810     | 0.37                      | 3                   | 3 | 8000                      | 65000                  |  |
| 3358     | 0.42                      | 3                   | 3 | 8000                      | 65000                  |  |
| 2977     | 0.47                      | 3                   | 3 | 8000                      | 65000                  |  |
| 2599     | 0.54                      | 3                   | 3 | 8000                      | 65000                  |  |
| 2286     | 0.61                      | 3                   | 3 | 8000                      | 65000                  |  |
| 1939     | 0.72                      | 3                   | 3 | 8000                      | 65000                  |  |
| 1713     | 0.82                      | 3                   | 2 | 8000                      | 65000                  |  |
| 1554     | 0.90                      | 3                   | 2 | 8000                      | 65000                  |  |
| 1336     | 1.0                       | 3                   | 2 | 8000                      | 65000                  |  |
| 1166     | 1.2                       | 3                   | 2 | 8000                      | 65000                  |  |
| 1030     | 1.4                       | 3                   | 2 | 8000                      | 65000                  |  |
| 904      | 1.5                       | 3                   | 2 | 8000                      | 65000                  |  |
| 793      | 1.8                       | 3                   | 2 | 8000                      | 65000                  |  |
| 696      | 2.0                       | 3                   | 2 | 8000                      | 65000                  |  |
| 615      | 2.3                       | 3                   | 2 | 8000                      | 65000                  |  |
| 522      | 2.7                       | 3                   | 2 | 8000                      | 65000                  |  |
| 461      | 3.0                       | 3                   | 2 | 8000                      | 65000                  |  |
| 408      | 3.4                       | 3                   | 2 | 8000                      | 65000                  |  |
| 364      | 3.8                       | 3                   | 2 | 8000                      | 65000                  |  |
| 318      | 4.4                       | 3                   | 2 | 8000                      | 65000                  |  |
| 286      | 4.9                       | 3                   | 2 | 8000                      | 65000                  |  |
| 251      | 5.6                       | 3                   | 2 | 8000                      | 65000                  |  |
| 222      | 6.3                       | 3                   | 2 | 8000                      | 65000                  |  |
| 196      | 7.1                       | 3                   | 2 | 8000                      | 65000                  |  |
| 174      | 8.0                       | 3                   | 2 | 7200                      | 65000                  |  |
| 154      | 9.1                       | 3                   | 2 | 7200                      | 65000                  |  |
| 140      | 10                        | 3                   | 2 | 7200                      | 65000                  |  |

| KB120H70 |                           |                     |   |                           | 13000Nm                |  |
|----------|---------------------------|---------------------|---|---------------------------|------------------------|--|
| i        | n <sub>a</sub><br>[1/min] | Stage<br>KB120 KH70 |   | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] |  |
| 17550    | 0.08                      | 3                   | 3 | 13000                     | 79200                  |  |
| 16006    | 0.09                      | 3                   | 3 | 13000                     | 79200                  |  |
| 14975    | 0.09                      | 3                   | 3 | 13000                     | 79200                  |  |
| 12440    | 0.11                      | 3                   | 3 | 13000                     | 79200                  |  |
| 10915    | 0.13                      | 3                   | 3 | 13000                     | 79200                  |  |
| 9819     | 0.14                      | 3                   | 3 | 13000                     | 79200                  |  |
| 8443     | 0.17                      | 3                   | 3 | 13000                     | 79200                  |  |
| 7482     | 0.19                      | 3                   | 3 | 13000                     | 79200                  |  |
| 6565     | 0.21                      | 3                   | 3 | 13000                     | 79200                  |  |
| 5804     | 0.24                      | 3                   | 3 | 13000                     | 79200                  |  |
| 5027     | 0.28                      | 3                   | 3 | 13000                     | 79200                  |  |
| 4423     | 0.32                      | 3                   | 3 | 13000                     | 79200                  |  |
| 3889     | 0.36                      | 3                   | 3 | 13000                     | 79200                  |  |
| 3311     | 0.42                      | 3                   | 3 | 13000                     | 79200                  |  |
| 3009     | 0.47                      | 3                   | 3 | 13000                     | 79200                  |  |
| 2607     | 0.54                      | 3                   | 3 | 13000                     | 79200                  |  |
| 2268     | 0.62                      | 3                   | 3 | 13000                     | 79200                  |  |
| 1926     | 0.73                      | 3                   | 2 | 13000                     | 79200                  |  |
| 1757     | 0.80                      | 3                   | 2 | 13000                     | 79200                  |  |
| 1541     | 0.91                      | 3                   | 2 | 13000                     | 79200                  |  |
| 1342     | 1.0                       | 3                   | 2 | 13000                     | 79200                  |  |
| 1177     | 1.2                       | 3                   | 2 | 13000                     | 79200                  |  |
| 1025     | 1.4                       | 3                   | 2 | 13000                     | 79200                  |  |
| 899      | 1.6                       | 3                   | 2 | 13000                     | 79200                  |  |
| 790      | 1.8                       | 3                   | 2 | 13000                     | 79200                  |  |
| 704      | 2.0                       | 3                   | 2 | 13000                     | 79200                  |  |
| 610      | 2.3                       | 3                   | 2 | 13000                     | 79200                  |  |
| 549      | 2.6                       | 3                   | 2 | 13000                     | 79200                  |  |
| 477      | 2.9                       | 3                   | 2 | 13000                     | 79200                  |  |
| 418      | 3.3                       | 3                   | 2 | 13000                     | 79200                  |  |

KB120 KH70

| KB120H80 |                           |                     |   |                           | 13000Nm                |  |
|----------|---------------------------|---------------------|---|---------------------------|------------------------|--|
| i        | n <sub>a</sub><br>[1/min] | Stage<br>KB120 KH80 |   | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] |  |
| 536      | 2.6                       | 3                   | 2 | 13000                     | 79200                  |  |
| 473      | 3.0                       | 3                   | 2 | 13000                     | 79200                  |  |
| 418      | 3.3                       | 3                   | 2 | 13000                     | 79200                  |  |
| 367      | 3.8                       | 3                   | 2 | 13000                     | 79200                  |  |
| 330      | 4.2                       | 3                   | 2 | 13000                     | 79200                  |  |
| 287      | 4.9                       | 3                   | 2 | 13000                     | 79200                  |  |
| 253      | 5.5                       | 3                   | 2 | 13000                     | 79200                  |  |
| 213      | 6.6                       | 3                   | 2 | 13000                     | 79200                  |  |
| 200      | 7.0                       | 3                   | 2 | 13000                     | 79700                  |  |
| 166      | 8.4                       | 3                   | 2 | 13000                     | 79700                  |  |
| 147      | 9.5                       | 3                   | 2 | 13000                     | 79700                  |  |

| KB150H90 |                           |                     |   |                           | 18000Nm                |  |
|----------|---------------------------|---------------------|---|---------------------------|------------------------|--|
| i        | n <sub>a</sub><br>[1/min] | Stage<br>KB150 KH90 |   | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] |  |
| 17679    | 0.08                      | 3                   | 3 | 18000                     | 112200                 |  |
| 15729    | 0.09                      | 3                   | 3 | 18000                     | 112200                 |  |
| 14721    | 0.10                      | 3                   | 3 | 18000                     | 112200                 |  |
| 13097    | 0.11                      | 3                   | 3 | 18000                     | 112200                 |  |
| 11368    | 0.12                      | 3                   | 3 | 18000                     | 112200                 |  |
| 10114    | 0.14                      | 3                   | 3 | 18000                     | 112200                 |  |
| 8718     | 0.16                      | 3                   | 3 | 18000                     | 112200                 |  |
| 7734     | 0.18                      | 3                   | 3 | 18000                     | 112200                 |  |
| 6881     | 0.20                      | 3                   | 3 | 18000                     | 112200                 |  |
| 5931     | 0.24                      | 3                   | 3 | 18000                     | 112200                 |  |
| 5074     | 0.28                      | 3                   | 3 | 18000                     | 112200                 |  |
| 4514     | 0.31                      | 3                   | 3 | 18000                     | 112200                 |  |
| 3979     | 0.35                      | 3                   | 3 | 18000                     | 112200                 |  |
| 3516     | 0.40                      | 3                   | 3 | 18000                     | 112200                 |  |
| 3051     | 0.46                      | 3                   | 3 | 18000                     | 112200                 |  |
| 2610     | 0.54                      | 3                   | 3 | 18000                     | 112200                 |  |
| 2322     | 0.60                      | 3                   | 3 | 18000                     | 112200                 |  |
| 2029     | 0.69                      | 3                   | 3 | 18000                     | 112200                 |  |
| 1805     | 0.78                      | 3                   | 3 | 18000                     | 112200                 |  |
| 1659     | 0.84                      | 3                   | 2 | 18000                     | 112200                 |  |
| 1365     | 1.0                       | 3                   | 2 | 18000                     | 112200                 |  |
| 1229     | 1.1                       | 3                   | 2 | 18000                     | 112200                 |  |
| 1093     | 1.3                       | 3                   | 2 | 18000                     | 112200                 |  |
| 942      | 1.5                       | 3                   | 2 | 18000                     | 112200                 |  |
| 854      | 1.6                       | 3                   | 2 | 18000                     | 112200                 |  |
| 756      | 1.9                       | 3                   | 2 | 18000                     | 112200                 |  |
| 661      | 2.1                       | 3                   | 2 | 18000                     | 112200                 |  |
| 567      | 2.5                       | 3                   | 2 | 18000                     | 112200                 |  |
| 504      | 2.8                       | 3                   | 2 | 18000                     | 112200                 |  |
| 434      | 3.2                       | 3                   | 2 | 18000                     | 112200                 |  |
| 379      | 3.7                       | 3                   | 2 | 18000                     | 112200                 |  |
| 333      | 4.2                       | 3                   | 2 | 18000                     | 112200                 |  |
| 291      | 4.8                       | 3                   | 2 | 18000                     | 112200                 |  |

| KB150H100 |                           |       |       |                           | 18000Nm                |  |
|-----------|---------------------------|-------|-------|---------------------------|------------------------|--|
| i         | n <sub>a</sub><br>[1/min] | Stage |       | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] |  |
|           |                           | KB150 | KH100 |                           |                        |  |
| 385       | 3.6                       | 3     | 2     | 18000                     | 112200                 |  |
| 325       | 4.3                       | 3     | 2     | 18000                     | 111200                 |  |
| 299       | 4.7                       | 3     | 2     | 18000                     | 111200                 |  |
| 253       | 5.5                       | 3     | 2     | 18000                     | 112200                 |  |
| 230       | 6.1                       | 3     | 2     | 18000                     | 111200                 |  |
| 213       | 6.6                       | 3     | 2     | 18000                     | 111200                 |  |
| 187       | 7.5                       | 3     | 2     | 18000                     | 112200                 |  |
| 157       | 8.9                       | 3     | 2     | 18000                     | 111200                 |  |
| 122       | 11                        | 3     | 2     | 18000                     | 106500                 |  |
| 107       | 13                        | 3     | 2     | 18000                     | 100700                 |  |



KB160/180H90,KB160/180H100  $n_e=1400$  1/min

| KB160H90 32000Nm |                  |       |   |                    |                 |
|------------------|------------------|-------|---|--------------------|-----------------|
| i                | $n_a$<br>[1/min] | Stage |   | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] |
| 19723            | 0.07             | 3     | 3 | 32000              | 150000          |
| 17406            | 0.08             | 3     | 3 | 32000              | 150000          |
| 15000            | 0.09             | 3     | 3 | 32000              | 150000          |
| 13238            | 0.11             | 3     | 3 | 32000              | 150000          |
| 11573            | 0.12             | 3     | 3 | 32000              | 150000          |
| 10264            | 0.14             | 3     | 3 | 32000              | 150000          |
| 8628             | 0.16             | 3     | 3 | 32000              | 150000          |
| 6562             | 0.21             | 3     | 3 | 32000              | 150000          |
| 5355             | 0.26             | 3     | 3 | 32000              | 150000          |
| 4788             | 0.29             | 3     | 3 | 32000              | 150000          |
| 4079             | 0.34             | 3     | 3 | 32000              | 150000          |
| 3376             | 0.41             | 3     | 3 | 32000              | 150000          |
| 2755             | 0.51             | 3     | 3 | 32000              | 150000          |
| 2263             | 0.62             | 3     | 3 | 32000              | 150000          |
| 2182             | 0.64             | 3     | 2 | 32000              | 150000          |
| 1704             | 0.82             | 3     | 2 | 32000              | 150000          |
| 1408             | 0.99             | 3     | 2 | 32000              | 150000          |
| 1296             | 1.1              | 3     | 2 | 32000              | 150000          |
| 1101             | 1.3              | 3     | 2 | 32000              | 150000          |
| 944              | 1.5              | 3     | 2 | 32000              | 150000          |
| 843              | 1.7              | 3     | 2 | 32000              | 150000          |
| 757              | 1.8              | 3     | 2 | 32000              | 150000          |
| 632              | 2.2              | 3     | 2 | 32000              | 150000          |
| 561              | 2.5              | 3     | 2 | 32000              | 150000          |
| 481              | 2.9              | 3     | 2 | 32000              | 150000          |
| 423              | 3.3              | 3     | 2 | 32000              | 150000          |
| 369              | 3.8              | 3     | 2 | 32000              | 150000          |

| KB160H100 32000Nm |                  |       |   |                    |                 |
|-------------------|------------------|-------|---|--------------------|-----------------|
| i                 | $n_a$<br>[1/min] | Stage |   | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] |
| 318               | 4.4              | 3     | 2 | 32000              | 150000          |
| 278               | 5.0              | 3     | 2 | 32000              | 150000          |
| 244               | 5.7              | 3     | 2 | 32000              | 150000          |
| 213               | 6.6              | 3     | 2 | 32000              | 150000          |
| 206               | 6.8              | 3     | 2 | 32000              | 150000          |
| 180               | 7.8              | 3     | 2 | 32000              | 150000          |
| 160               | 8.8              | 3     | 2 | 32000              | 150000          |
| 135               | 10               | 3     | 2 | 32000              | 150000          |
| 118               | 12               | 3     | 2 | 32000              | 150000          |

| KB180H90 50000Nm |                  |       |   |                    |                 |
|------------------|------------------|-------|---|--------------------|-----------------|
| i                | $n_a$<br>[1/min] | Stage |   | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] |
| 32625            | 0.04             | 3     | 3 | 50000              | 190000          |
| 27165            | 0.05             | 3     | 3 | 50000              | 190000          |
| 24353            | 0.06             | 3     | 3 | 50000              | 190000          |
| 19144            | 0.07             | 3     | 3 | 50000              | 190000          |
| 16978            | 0.08             | 3     | 3 | 50000              | 190000          |
| 14272            | 0.10             | 3     | 3 | 50000              | 190000          |
| 13116            | 0.11             | 3     | 3 | 50000              | 190000          |
| 11647            | 0.12             | 3     | 3 | 50000              | 190000          |
| 10413            | 0.13             | 3     | 3 | 50000              | 190000          |
| 9363             | 0.15             | 3     | 3 | 50000              | 190000          |
| 8126             | 0.17             | 3     | 3 | 50000              | 190000          |
| 7343             | 0.19             | 3     | 3 | 50000              | 190000          |
| 6747             | 0.21             | 3     | 3 | 50000              | 190000          |
| 5991             | 0.23             | 3     | 3 | 50000              | 190000          |
| 5358             | 0.26             | 3     | 3 | 50000              | 190000          |
| 4817             | 0.29             | 3     | 3 | 50000              | 190000          |
| 4370             | 0.32             | 3     | 3 | 50000              | 190000          |
| 3609             | 0.39             | 3     | 3 | 50000              | 190000          |
| 3062             | 0.46             | 3     | 3 | 50000              | 190000          |
| 2818             | 0.50             | 3     | 3 | 50000              | 190000          |
| 2519             | 0.56             | 3     | 2 | 50000              | 190000          |
| 2268             | 0.62             | 3     | 2 | 50000              | 190000          |
| 2054             | 0.68             | 3     | 2 | 50000              | 190000          |
| 1821             | 0.77             | 3     | 2 | 50000              | 190000          |
| 1605             | 0.87             | 3     | 2 | 50000              | 190000          |
| 1395             | 1.0              | 3     | 2 | 50000              | 190000          |
| 1196             | 1.2              | 3     | 2 | 50000              | 190000          |
| 1046             | 1.3              | 3     | 2 | 50000              | 190000          |
| 945              | 1.5              | 3     | 2 | 50000              | 190000          |
| 738              | 1.9              | 3     | 2 | 50000              | 190000          |
| 621              | 2.3              | 3     | 2 | 50000              | 190000          |
| 527              | 2.7              | 3     | 2 | 50000              | 190000          |

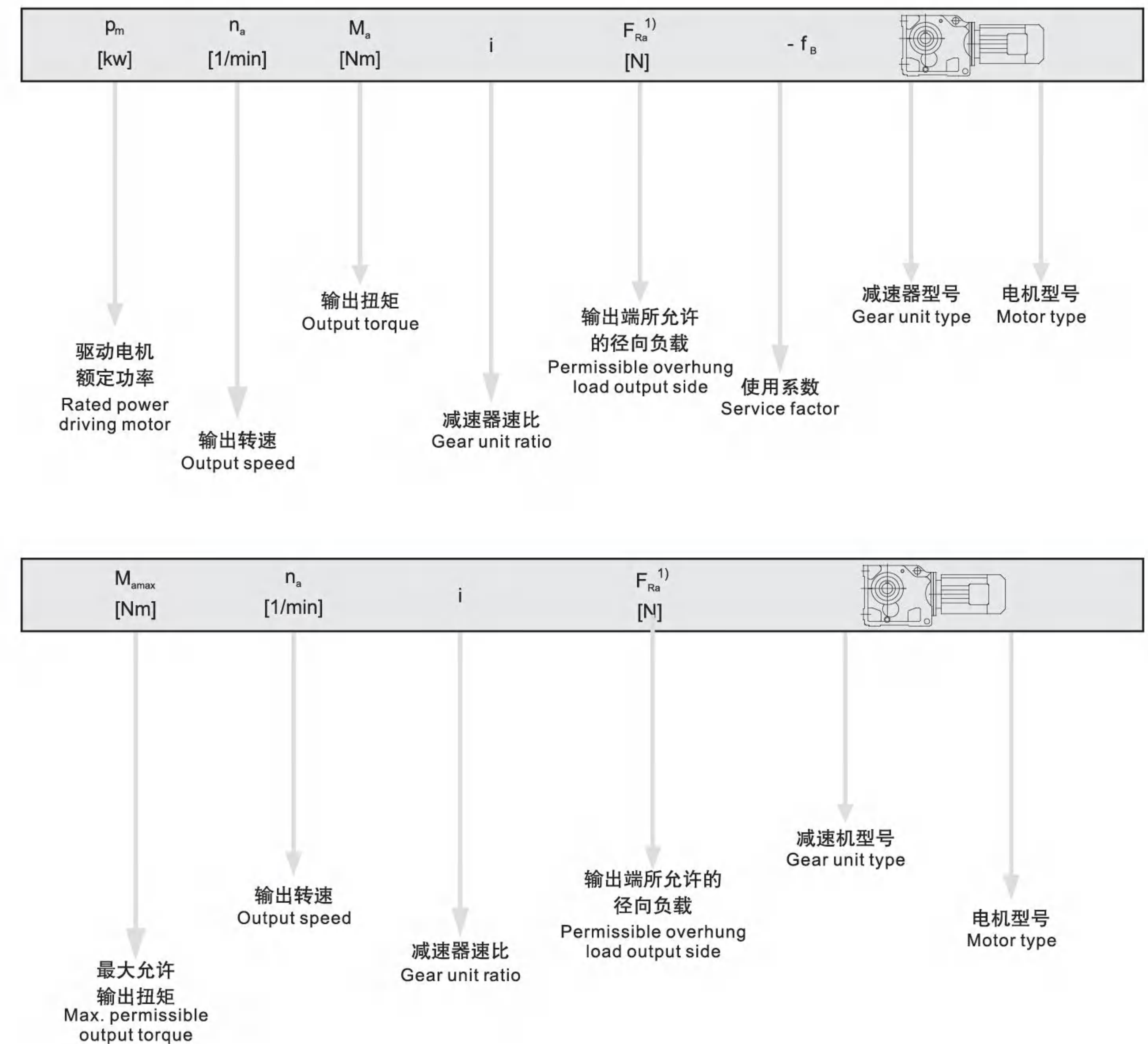
| KB180H100 50000Nm |                  |       |   |                    |                 |
|-------------------|------------------|-------|---|--------------------|-----------------|
| i                 | $n_a$<br>[1/min] | Stage |   | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] |
| 835               | 1.7              | 3     | 2 | 50000              | 190000          |
| 729               | 1.9              | 3     | 2 | 50000              | 190000          |
| 622               | 2.3              | 3     | 2 | 50000              | 190000          |
| 520               | 2.7              | 3     | 2 | 50000              | 190000          |
| 454               | 3.1              | 3     | 2 | 50000              | 190000          |
| 355               | 3.9              | 3     | 2 | 50000              | 190000          |
| 261               | 5.4              | 3     | 2 | 50000              | 190000          |
| 221               | 6.3              | 3     | 2 | 50000              | 190000          |
| 193               | 7.3              | 3     | 2 | 50000              | 190000          |
| 163               | 8.6              | 3     | 2 | 50000              | 190000          |

## 7.4 选型表注释

## 7.4 Selection table

选型表的结构

Selection table geared motors



图例 Cutline

※ 也可用于EEXE电机。 ※ EEXE motor is optional.

1) 实心轴地脚安装减速机的径向负荷

1) Overhung load specified for foot – mounted gear unit with solid shaft

注意: Notice:

对于特殊低输出转速驱动（多级减速电机），电机功率必须与减速机的最大允许输出扭矩相对应。  
In drives for particularly low output speed (multi – stage geared motors), the motor power must be limited according to maximum permitted output torque of the gear unit.



| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>fB | 机型号<br>Model                                                                     |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------|----------------------------------------------------------------------------------|
| 0.12kW                                                   |                                                         |                       |                                                         |                                     |                                                                                  |
| 0.08                                                     | 11800                                                   | 17550                 | 79800                                                   | 1.10                                | KB 120 H70 D63S4<br>KBF 120 H70 D63S4<br>KBA 120 H70 D63S4<br>KBAF 120 H70 D63S4 |
| 0.09                                                     | 10700                                                   | 16006                 | 80400                                                   | 1.20                                |                                                                                  |
| 0.09                                                     | 9880                                                    | 14975                 | 80700                                                   | 1.30                                |                                                                                  |
| 0.11                                                     | 8010                                                    | 12440                 | 81500                                                   | 1.60                                |                                                                                  |
| 0.13                                                     | 6920                                                    | 10915                 | 81800                                                   | 1.90                                |                                                                                  |
| 0.14                                                     | 6320                                                    | 9819                  | 82000                                                   | 2.1                                 |                                                                                  |
| 0.16                                                     | 5220                                                    | 8443                  | 82300                                                   | 2.5                                 |                                                                                  |
| 0.18                                                     | 4820                                                    | 7482                  | 82300                                                   | 2.7                                 |                                                                                  |
| 0.10                                                     | 9590                                                    | 14311                 | 65000                                                   | 0.85                                | KB 100 H70 D63S4<br>KBF 100 H70 D63S4<br>KBA 100 H70 D63S4<br>KBAF 100 H70 D63S4 |
| 0.11                                                     | 8060                                                    | 12211                 | 65000                                                   | 1.00                                |                                                                                  |
| 0.13                                                     | 6930                                                    | 10677                 | 65000                                                   | 1.15                                |                                                                                  |
| 0.14                                                     | 6280                                                    | 9524                  | 65000                                                   | 1.25                                |                                                                                  |
| 0.17                                                     | 5410                                                    | 8328                  | 65000                                                   | 1.50                                |                                                                                  |
| 0.19                                                     | 4720                                                    | 7270                  | 65000                                                   | 1.70                                |                                                                                  |
| 0.22                                                     | 3760                                                    | 6184                  | 65000                                                   | 2.1                                 |                                                                                  |
| 0.24                                                     | 3320                                                    | 5662                  | 65000                                                   | 2.4                                 |                                                                                  |
| 0.27                                                     | 3020                                                    | 5138                  | 65000                                                   | 2.7                                 | KB 90 H50 D63S4<br>KBF 90 H50 D63S4<br>KBA 90 H50 D63S4<br>KBAF 90 H50 D63S4     |
| 0.32                                                     | 2700                                                    | 4359                  | 65000                                                   | 3.0                                 |                                                                                  |
| 0.17                                                     | 5310                                                    | 8054                  | 39500                                                   | 0.80                                |                                                                                  |
| 0.20                                                     | 4350                                                    | 6970                  | 40000                                                   | 1.00                                |                                                                                  |
| 0.23                                                     | 3890                                                    | 6027                  | 40000                                                   | 1.10                                |                                                                                  |
| 0.26                                                     | 3560                                                    | 5391                  | 40000                                                   | 1.20                                |                                                                                  |
| 0.30                                                     | 2950                                                    | 4669                  | 40000                                                   | 1.45                                |                                                                                  |
| 0.34                                                     | 2640                                                    | 4082                  | 40000                                                   | 1.65                                |                                                                                  |
| 0.39                                                     | 2320                                                    | 3583                  | 40000                                                   | 1.85                                | KB 90 H50 D63S4<br>KBF 90 H50 D63S4<br>KBA 90 H50 D63S4<br>KBAF 90 H50 D63S4     |
| 0.44                                                     | 2040                                                    | 3108                  | 40000                                                   | 2.1                                 |                                                                                  |
| 0.50                                                     | 1720                                                    | 2757                  | 40000                                                   | 2.5                                 |                                                                                  |
| 0.57                                                     | 1580                                                    | 2419                  | 40000                                                   | 2.7                                 |                                                                                  |
| 0.65                                                     | 1370                                                    | 2123                  | 40000                                                   | 3.2                                 |                                                                                  |
| 0.74                                                     | 1220                                                    | 1856                  | 40000                                                   | 3.5                                 |                                                                                  |
| 0.85                                                     | 1000                                                    | 1625                  | 40000                                                   | 4.3                                 |                                                                                  |
| 0.96                                                     | 860                                                     | 1430                  | 40000                                                   | 5.0                                 |                                                                                  |
| 1.1                                                      | 830                                                     | 1261                  | 40000                                                   | 5.2                                 | KB 80 H50 D63S4<br>KBF 80 H50 D63S4<br>KBA 80 H50 D63S4<br>KBAF 80 H50 D63S4     |
| 1.2                                                      | 725                                                     | 1102                  | 40000                                                   | 5.9                                 |                                                                                  |
| 0.26                                                     | 3380                                                    | 5240                  | 26300                                                   | 0.80                                |                                                                                  |
| 0.30                                                     | 2850                                                    | 4562                  | 27100                                                   | 0.95                                |                                                                                  |
| 0.34                                                     | 2610                                                    | 4037                  | 27400                                                   | 1.05                                |                                                                                  |
| 0.38                                                     | 2330                                                    | 3609                  | 27700                                                   | 1.15                                |                                                                                  |
| 0.44                                                     | 1990                                                    | 3107                  | 28100                                                   | 1.35                                |                                                                                  |
| 0.51                                                     | 1700                                                    | 2728                  | 28300                                                   | 1.60                                |                                                                                  |
| 0.58                                                     | 1500                                                    | 2371                  | 28500                                                   | 1.80                                | KB 80 H50 D63S4<br>KBF 80 H50 D63S4<br>KBA 80 H50 D63S4<br>KBAF 80 H50 D63S4     |
| 0.66                                                     | 1380                                                    | 2088                  | 28600                                                   | 1.95                                |                                                                                  |
| 0.74                                                     | 1220                                                    | 1854                  | 28700                                                   | 2.2                                 |                                                                                  |
| 0.83                                                     | 1090                                                    | 1657                  | 28700                                                   | 2.5                                 |                                                                                  |
| 0.97                                                     | 930                                                     | 1415                  | 28800                                                   | 2.9                                 |                                                                                  |
| 1.1                                                      | 800                                                     | 1229                  | 28900                                                   | 3.4                                 |                                                                                  |
| 1.3                                                      | 695                                                     | 1078                  | 28900                                                   | 3.9                                 |                                                                                  |
| 1.5                                                      | 585                                                     | 951                   | 29000                                                   | 4.6                                 |                                                                                  |
| 1.6                                                      | 505                                                     | 837                   | 29000                                                   | 5.4                                 | KB 70 H30 D63S4<br>KBF 70 H30 D63S4<br>KBA 70 H30 D63S4<br>KBAF 70 H30 D63S4     |
| 1.9                                                      | 435                                                     | 726                   | 29000                                                   | 6.2                                 |                                                                                  |
| 0.51                                                     | 1790                                                    | 2717                  | 13400                                                   | 0.85                                |                                                                                  |
| 0.58                                                     | 1510                                                    | 2370                  | 15700                                                   | 1.05                                |                                                                                  |
| 0.67                                                     | 1380                                                    | 2050                  | 16500                                                   | 1.10                                |                                                                                  |
| 0.78                                                     | 1180                                                    | 1772                  | 17500                                                   | 1.30                                |                                                                                  |
| 0.91                                                     | 1010                                                    | 1514                  | 18300                                                   | 1.55                                |                                                                                  |
| 0.99                                                     | 920                                                     | 1388                  | 18600                                                   | 1.70                                |                                                                                  |
| 1.1                                                      | 810                                                     | 1218                  | 19000                                                   | 1.90                                | KB 70 H30 D63S4<br>KBF 70 H30 D63S4<br>KBA 70 H30 D63S4<br>KBAF 70 H30 D63S4     |
| 1.3                                                      | 710                                                     | 1053                  | 19200                                                   | 2.2                                 |                                                                                  |
| 1.5                                                      | 620                                                     | 924                   | 19500                                                   | 2.5                                 |                                                                                  |
| 1.7                                                      | 550                                                     | 815                   | 19600                                                   | 2.8                                 |                                                                                  |
| 2.0                                                      | 440                                                     | 709                   | 19800                                                   | 3.5                                 |                                                                                  |
| 2.2                                                      | 385                                                     | 622                   | 19900                                                   | 4.0                                 |                                                                                  |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>fB | 机型号<br>Model                                                                 |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------|------------------------------------------------------------------------------|
| 0.12kW                                                   |                                                         |                       |                                                         |                                     |                                                                              |
| 1.0                                                      | 930                                                     | 1351                  | 9230                                                    | 0.90                                | KB 60 H30 D63S4<br>KBF 60 H30 D63S4<br>KBA 60 H30 D63S4<br>KBAF 60 H30 D63S4 |
| 1.2                                                      | 795                                                     | 1171                  | 10500                                                   | 1.05                                |                                                                              |
| 1.3                                                      | 695                                                     | 1034                  | 11300                                                   | 1.20                                |                                                                              |
| 1.5                                                      | 585                                                     | 903                   | 12000                                                   | 1.40                                |                                                                              |
| 1.7                                                      | 545                                                     | 793                   | 12200                                                   | 1.50                                |                                                                              |
| 2.0                                                      | 440                                                     | 697                   | 12700                                                   | 1.85                                |                                                                              |
| 2.2                                                      | 390                                                     | 613                   | 12900                                                   | 2.1                                 |                                                                              |
| 2.5                                                      | 340                                                     | 542                   | 13000                                                   | 2.4                                 |                                                                              |
| 2.9                                                      | 315                                                     | 471                   | 13000                                                   | 2.6                                 |                                                                              |
| 3.3                                                      | 265                                                     | 420                   | 13000                                                   | 3.1                                 |                                                                              |
| 3.8                                                      | 235                                                     | 361                   | 13000                                                   | 3.5                                 |                                                                              |
| 4.3                                                      | 210                                                     | 323                   | 13000                                                   | 3.9                                 |                                                                              |
| 4.9                                                      | 176                                                     | 279                   | 13000                                                   | 4.7                                 |                                                                              |
| 5.6                                                      | 155                                                     | 246                   | 13000                                                   | 5.3                                 |                                                                              |
| 6.3                                                      | 134                                                     | 217                   | 13000                                                   | 6.1                                 |                                                                              |
| 1.5                                                      | 585                                                     | 906                   | 7750                                                    | 1.05                                | KB 50 H30 D63S4<br>KBF 50 H30 D63S4<br>KBA 50 H30 D63S4<br>KBAF 50 H30 D63S4 |
| 1.7                                                      | 525                                                     | 806                   | 8220                                                    | 1.15                                |                                                                              |
| 2.0                                                      | 445                                                     | 699                   | 8690                                                    | 1.35                                |                                                                              |
| 2.2                                                      | 390                                                     | 615                   | 8930                                                    | 1.55                                |                                                                              |
| 2.5                                                      | 340                                                     | 544                   | 9120                                                    | 1.75                                |                                                                              |
| 2.9                                                      | 310                                                     | 473                   | 9250                                                    | 1.95                                |                                                                              |
| 3.3                                                      | 265                                                     | 421                   | 9420                                                    | 2.3                                 |                                                                              |
| 3.8                                                      | 235                                                     | 362                   | 9510                                                    | 2.5                                 |                                                                              |
| 4.3                                                      | 210                                                     | 319                   | 9610                                                    | 2.9                                 |                                                                              |
| 4.9                                                      | 176                                                     | 280                   | 9710                                                    | 3.4                                 |                                                                              |
| 5.6                                                      | 155                                                     | 246                   | 9770                                                    | 3.9                                 |                                                                              |
| 6.4                                                      | 135                                                     | 215                   | 9830                                                    | 4.4                                 |                                                                              |
| 7.2                                                      | 122                                                     | 192                   | 9860                                                    | 4.9                                 |                                                                              |
| 2.2                                                      | 430                                                     | 639                   | 2520                                                    | 0.95                                | KB 40 H30 D63S4<br>KBF 40 H30 D63S4<br>KBA 40 H30 D63S4<br>KBAF 40 H30 D63S4 |
| 2.5                                                      | 370                                                     | 552                   | 6350                                                    | 1.10                                |                                                                              |
| 2.8                                                      | 315                                                     | 495                   | 6930                                                    | 1.25                                |                                                                              |
| 3.2                                                      | 280                                                     | 426                   | 7240                                                    | 1.45                                |                                                                              |
| 3.7                                                      | 235                                                     | 375                   | 7560                                                    | 1.70                                |                                                                              |
| 4.2                                                      | 215                                                     | 327                   | 7670                                                    | 1.85                                |                                                                              |
| 4.8                                                      | 189                                                     | 289                   | 7830                                                    | 2.1                                 |                                                                              |
| 4.0                                                      | 235                                                     | 346                   | 4840                                                    | 0.85                                | KB 30 H10 D63S4<br>KBF 30 H10 D63S4<br>KBA 30 H10 D63S4<br>KBAF 30 H10 D63S4 |
| 4.5                                                      | 200                                                     | 304                   | 5640                                                    | 1.00                                |                                                                              |
| 5.2                                                      | 182                                                     | 267                   | 5830                                                    | 1.10                                |                                                                              |
| 5.9                                                      | 157                                                     | 234                   | 6060                                                    | 1.25                                |                                                                              |
| 6.7                                                      | 138                                                     | 205                   | 6220                                                    | 1.45                                |                                                                              |
| 7.6                                                      | 120                                                     | 181                   | 6330                                                    | 1.65                                |                                                                              |
| 8.6                                                      | 105                                                     | 160                   | 6420                                                    | 1.90                                |                                                                              |
| 10                                                       | 88                                                      | 136                   | 6500                                                    | 2.3                                 |                                                                              |
| 6.2                                                      | 184                                                     | 144.79                | 13000                                                   | 4.4                                 | KB 60 D63M6<br>KBF 60 D63M6<br>KBA 60 D63M6<br>KBAF 60 D63M6                 |
| 7.3                                                      | 158                                                     | 123.85                | 9760                                                    | 3.8                                 |                                                                              |
| 8.3                                                      | 138                                                     | 108.29                | 9820                                                    | 4.3                                 |                                                                              |
| 8.8                                                      | 131                                                     | 102.88                | 9840                                                    | 4.6                                 |                                                                              |
| 10                                                       | 115                                                     | 90.26                 | 9880                                                    | 5.2                                 |                                                                              |
| 12                                                       | 98                                                      | 76.56                 | 9930                                                    | 6.2                                 |                                                                              |
| 9.5                                                      | 121                                                     | 145.14                | 9870                                                    | 5.0                                 | KB 50 D63S4<br>KBF 50 D63S4<br>KBA 50 D63S4<br>KBAF 50 D63S4                 |
| 11                                                       | 103                                                     | 123.85                | 9920                                                    | 5.8                                 |                                                                              |
| 13                                                       | 90                                                      | 108.29                | 9950                                                    | 6.7                                 |                                                                              |
| 15                                                       | 85                                                      | 102.88                | 9960                                                    | 7.0                                 |                                                                              |
| 15                                                       | 75                                                      | 90.26                 | 9990                                                    | 8.0                                 |                                                                              |
| 6.8                                                      | 168                                                     | 131.87                | 7930                                                    | 2.4                                 | KB 40 D63M6<br>KBF 40 D63M6<br>KBA 40 D63M6<br>KBAF 40 D63M6                 |
| 7.4                                                      | 155                                                     | 121.48                | 7990                                                    | 2.6                                 |                                                                              |
| 8.6                                                      | 133                                                     | 104.37                | 8070                                                    | 3.0                                 |                                                                              |
| 10                                                       | 110                                                     | 131.87                | 8140                                                    | 3.7                                 | KB 40 D63S4<br>KBF 40 D63S4<br>KBA 40 D63S4<br>KBAF 40 D63S4                 |
| 11                                                       | 101                                                     | 121.48                | 8170                                                    | 4.0                                 |                                                                              |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>fB | 机型号<br>Model             |                                          |                                  |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------|--------------------------|------------------------------------------|----------------------------------|
| 0.12kW                                                   |                                                         |                       |                                                         |                                     |                          |                                          |                                  |
| 8.5                                                      | 136                                                     | 106.38                | 6230                                                    | 1.50                                | KB<br>KBF<br>KBA<br>KBAF | 30<br>30<br>30<br>30                     | D63M6                            |
| 9.2                                                      | 125                                                     | 97.81                 | 6300                                                    | 1.60                                |                          |                                          | D63M6                            |
| 11                                                       | 107                                                     | 83.69                 | 6410                                                    | 1.90                                |                          |                                          | D63M6                            |
| 12                                                       | 92                                                      | 72.54                 | 6480                                                    | 2.2                                 |                          |                                          | D63M6                            |
| 13                                                       | 88                                                      | 106.38                | 6500                                                    | 2.3                                 | KB<br>KBF<br>KBA<br>KBAF | 30<br>30<br>30<br>30                     | D63S4<br>D63S4<br>D63S4<br>D63S4 |
| 14                                                       | 81                                                      | 97.81                 | 6530                                                    | 2.5                                 |                          |                                          |                                  |
| 16                                                       | 70                                                      | 83.69                 | 6570                                                    | 2.9                                 |                          |                                          |                                  |
| 19                                                       | 60                                                      | 72.54                 | 6600                                                    | 3.3                                 |                          |                                          |                                  |
| 20                                                       | 56                                                      | 67.80                 | 6610                                                    | 3.5                                 |                          |                                          |                                  |
| 24                                                       | 49                                                      | 58.60                 | 6430                                                    | 4.1                                 |                          |                                          |                                  |
| 28                                                       | 41                                                      | 49.79                 | 6130                                                    | 4.8                                 |                          |                                          |                                  |
| 31                                                       | 37                                                      | 44.46                 | 5930                                                    | 5.4                                 |                          |                                          |                                  |
| 36                                                       | 32                                                      | 37.97                 | 5660                                                    | 6.3                                 |                          |                                          |                                  |
| 39                                                       | 30                                                      | 35.57                 | 5550                                                    | 6.8                                 |                          |                                          |                                  |
| 46                                                       | 25                                                      | 29.96                 | 5270                                                    | 8.0                                 |                          |                                          |                                  |
| 48                                                       | 24                                                      | 28.83                 | 5210                                                    | 8.4                                 |                          |                                          |                                  |
| 55                                                       | 21                                                      | 24.99                 | 4980                                                    | 9.6                                 |                          |                                          |                                  |
| 59                                                       | 19                                                      | 23.36                 | 4880                                                    | 10                                  |                          |                                          |                                  |
| 68                                                       | 17                                                      | 20.19                 | 4660                                                    | 11                                  |                          |                                          |                                  |
| 80                                                       | 14                                                      | 17.15                 | 4430                                                    | 13                                  |                          |                                          |                                  |
| 90                                                       | 13                                                      | 15.31                 | 4280                                                    | 14                                  |                          |                                          |                                  |
| 105                                                      | 11                                                      | 13.08                 | 4070                                                    | 15                                  |                          |                                          |                                  |
| 114                                                      | 10                                                      | 12.14                 | 3970                                                    | 16                                  |                          |                                          |                                  |
| 0.18kW                                                   |                                                         |                       |                                                         |                                     |                          |                                          |                                  |
| 0.09                                                     | 16300                                                   | 14975                 | 73200                                                   | 0.80                                | KB<br>KBF<br>KBA<br>KBAF | 120 H70<br>120 H70<br>120 H70<br>120 H70 | D63M4<br>D63M4<br>D63M4<br>D63M4 |
| 0.11                                                     | 13400                                                   | 12440                 | 79000                                                   | 0.95                                |                          |                                          |                                  |
| 0.12                                                     | 11600                                                   | 10915                 | 79900                                                   | 1.10                                |                          |                                          |                                  |
| 0.13                                                     | 10500                                                   | 9819                  | 80400                                                   | 1.25                                |                          |                                          |                                  |
| 0.16                                                     | 8850                                                    | 8443                  | 81100                                                   | 1.45                                |                          |                                          |                                  |
| 0.18                                                     | 8040                                                    | 7482                  | 81400                                                   | 1.60                                |                          |                                          |                                  |
| 0.20                                                     | 6990                                                    | 6565                  | 81800                                                   | 1.85                                |                          |                                          |                                  |
| 0.23                                                     | 5940                                                    | 5804                  | 82100                                                   | 2.2                                 |                          |                                          |                                  |
| 0.26                                                     | 5220                                                    | 5027                  | 82300                                                   | 2.5                                 |                          |                                          |                                  |
| 0.30                                                     | 4530                                                    | 4423                  | 82400                                                   | 2.9                                 |                          |                                          |                                  |
| 0.34                                                     | 3960                                                    | 3889                  | 82500                                                   | 3.3                                 |                          |                                          |                                  |
| 0.40                                                     | 3310                                                    | 3311                  | 82600                                                   | 3.9                                 |                          |                                          |                                  |
| 0.16                                                     | 8990                                                    | 8328                  | 65000                                                   | 0.90                                | KB<br>KBF<br>KBA<br>KBAF | 100 H70<br>100 H70<br>100 H70<br>100 H70 | D63M4<br>D63M4<br>D63M4<br>D63M4 |
| 0.18                                                     | 7850                                                    | 7270                  | 65000                                                   | 1.00                                |                          |                                          |                                  |
| 0.21                                                     | 6420                                                    | 6184                  | 65000                                                   | 1.25                                |                          |                                          |                                  |
| 0.23                                                     | 5760                                                    | 5662                  | 65000                                                   | 1.40                                |                          |                                          |                                  |
| 0.26                                                     | 5230                                                    | 5138                  | 65000                                                   | 1.55                                |                          |                                          |                                  |
| 0.30                                                     | 4570                                                    | 4359                  | 65000                                                   | 1.75                                |                          |                                          |                                  |
| 0.35                                                     | 4000                                                    | 3810                  | 65000                                                   | 2.0                                 |                          |                                          |                                  |
| 0.39                                                     | 3440                                                    | 3358                  | 65000                                                   | 2.3                                 |                          |                                          |                                  |
| 0.44                                                     | 3090                                                    | 2977                  | 65000                                                   | 2.6                                 |                          |                                          |                                  |
| 0.51                                                     | 2700                                                    | 2599                  | 65000                                                   | 3.0                                 |                          |                                          |                                  |
| 0.58                                                     | 2340                                                    | 2286                  | 65000                                                   | 3.4                                 |                          |                                          |                                  |
| 0.28                                                     | 4960                                                    | 4669                  | 39900                                                   | 0.85                                | KB<br>KBF<br>KBA<br>KBAF | 90 H50<br>90 H50<br>90 H50<br>90 H50     | D63M4<br>D63M4<br>D63M4<br>D63M4 |
| 0.32                                                     | 4390                                                    | 4082                  | 40000                                                   | 1.00                                |                          |                                          |                                  |
| 0.37                                                     | 3860                                                    | 3583                  | 40000                                                   | 1.10                                |                          |                                          |                                  |
| 0.42                                                     | 3370                                                    | 3108                  | 40000                                                   | 1.25                                |                          |                                          |                                  |
| 0.48                                                     | 2910                                                    | 2757                  | 40000                                                   | 1.50                                |                          |                                          |                                  |
| 0.55                                                     | 2640                                                    | 2419                  | 40000                                                   | 1.65                                | KB<br>KBF<br>KBA<br>KBAF | 90 H50<br>90 H50<br>90 H50<br>90 H50     | D63M4<br>D63M4<br>D63M4<br>D63M4 |
| 0.62                                                     | 2290                                                    | 2123                  | 40000                                                   | 1.90                                |                          |                                          |                                  |
| 0.71                                                     | 2030                                                    | 1856                  | 40000                                                   | 2.1                                 |                          |                                          |                                  |
| 0.81                                                     | 1710                                                    | 1625                  | 40000                                                   | 2.5                                 |                          |                                          |                                  |
| 0.92                                                     | 1490                                                    | 1430                  | 40000                                                   | 2.9                                 |                          |                                          |                                  |
| 1.0                                                      | 1380                                                    | 1261                  | 40000                                                   | 3.1                                 |                          |                                          |                                  |
| 1.2                                                      | 1210                                                    | 1102                  | 40000                                                   | 3.6                                 |                          |                                          |                                  |
| 1.4                                                      | 1040                                                    | 957                   | 40000                                                   | 4.1                                 |                          |                                          |                                  |
| 1.5                                                      | 930                                                     | 855                   | 40000                                                   | 4.6                                 |                          |                                          |                                  |
| 1.8                                                      | 755                                                     | 743                   | 40000                                                   | 5.7                                 |                          |                                          |                                  |
| 2.0                                                      | 675                                                     | 652                   | 40000                                                   | 6.4                                 |                          |                                          |                                  |
| 0.42                                                     | 3330                                                    | 3107                  | 26400                                                   | 0.80                                | KB<br>KBF<br>KBA<br>KBAF | 80 H50<br>80 H50<br>80 H50<br>80 H50     | D63M4<br>D63M4<br>D63M4<br>D63M4 |
| 0.48                                                     | 2880                                                    | 2728                  | 27100                                                   | 0.95                                |                          |                                          |                                  |
| 0.56                                                     | 2520                                                    | 2371                  | 27500                                                   | 1.05                                |                          |                                          |                                  |



| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model             |                          |       |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------------------|--------------------------|-------|
| 0.18kW                                                   |                                                         |                       |                                                         |                                                 |                          |                          |       |
| 6.0                                                      | 285                                                     | 145.14                | 9340                                                    | 2.1                                             | KB<br>KBF<br>KBA<br>KBAF | 50                       | D63L6 |
| 7.0                                                      | 245                                                     | 123.85                | 9480                                                    | 2.5                                             |                          | 50                       | D63L6 |
| 8.0                                                      | 215                                                     | 108.29                | 9590                                                    | 2.8                                             |                          | 50                       | D63L6 |
| 8.5                                                      | 205                                                     | 102.88                | 9620                                                    | 3.0                                             |                          | 50                       | D63L6 |
| 9.6                                                      | 178                                                     | 90.26                 | 9700                                                    | 3.4                                             |                          |                          |       |
| 9.1                                                      | 189                                                     | 145.14                | 9670                                                    | 3.2                                             | KB<br>KBF<br>KBA<br>KBAF | 50                       | D63M4 |
| 11                                                       | 161                                                     | 123.85                | 9750                                                    | 3.7                                             |                          | 50                       | D63M4 |
| 12                                                       | 141                                                     | 108.29                | 9810                                                    | 4.3                                             |                          | 50                       | D63M4 |
| 13                                                       | 134                                                     | 102.88                | 9830                                                    | 4.5                                             |                          | 50                       | D63M4 |
| 15                                                       | 118                                                     | 90.26                 | 9880                                                    | 5.1                                             |                          | 50                       | D63M4 |
| 17                                                       | 100                                                     | 76.56                 | 9920                                                    | 6.0                                             |                          |                          |       |
| 6.6                                                      | 260                                                     | 131.87                | 7380                                                    | 1.55                                            | KB<br>KBF<br>KBA<br>KBAF | 40                       | D63L6 |
| 7.2                                                      | 240                                                     | 121.48                | 7530                                                    | 1.65                                            |                          | 40                       | D63L6 |
| 8.3                                                      | 205                                                     | 104.37                | 7740                                                    | 1.95                                            |                          | 40                       | D63L6 |
| 9.6                                                      | 180                                                     | 90.86                 | 7880                                                    | 2.2                                             |                          | 40                       | D63L6 |
| 10                                                       | 168                                                     | 85.12                 | 7930                                                    | 2.4                                             |                          |                          |       |
| 10                                                       | 172                                                     | 131.87                | 7910                                                    | 2.3                                             | KB<br>KBF<br>KBA<br>KBAF | 40                       | D63M4 |
| 11                                                       | 158                                                     | 121.48                | 7970                                                    | 2.5                                             |                          | 40                       | D63M4 |
| 13                                                       | 136                                                     | 104.37                | 8060                                                    | 2.9                                             |                          | 40                       | D63M4 |
| 15                                                       | 118                                                     | 90.86                 | 8120                                                    | 3.4                                             |                          | 40                       | D63M4 |
| 16                                                       | 111                                                     | 85.12                 | 8140                                                    | 3.6                                             |                          |                          |       |
| 8.2                                                      | 210                                                     | 106.38                | 5520                                                    | 0.95                                            |                          | KB<br>KBF<br>KBA<br>KBAF | 30    |
| 8.9                                                      | 193                                                     | 97.81                 | 5710                                                    | 1.05                                            | 30                       |                          | D63L6 |
| 10                                                       | 165                                                     | 83.69                 | 5990                                                    | 1.20                                            | 30                       |                          | D63L6 |
| 12                                                       | 143                                                     | 72.54                 | 6170                                                    | 1.40                                            | 30                       |                          | D63L6 |
| 12                                                       | 139                                                     | 106.38                | 6210                                                    | 1.45                                            | KB<br>KBF<br>KBA<br>KBAF | 30                       | D63M4 |
| 14                                                       | 127                                                     | 97.81                 | 6280                                                    | 1.55                                            |                          |                          |       |
| 16                                                       | 109                                                     | 83.69                 | 6400                                                    | 1.85                                            |                          |                          |       |
| 18                                                       | 95                                                      | 72.54                 | 6470                                                    | 2.1                                             |                          |                          |       |
| 19                                                       | 88                                                      | 67.80                 | 6500                                                    | 2.3                                             |                          |                          |       |
| 23                                                       | 76                                                      | 58.60                 | 6280                                                    | 2.6                                             |                          |                          |       |
| 27                                                       | 65                                                      | 49.79                 | 6010                                                    | 3.1                                             |                          |                          |       |
| 30                                                       | 58                                                      | 44.46                 | 5830                                                    | 3.5                                             |                          |                          |       |
| 35                                                       | 49                                                      | 37.97                 | 5580                                                    | 4.1                                             |                          |                          |       |
| 37                                                       | 46                                                      | 35.57                 | 5480                                                    | 4.3                                             |                          |                          |       |
| 44                                                       | 39                                                      | 29.96                 | 5220                                                    | 5.1                                             |                          |                          |       |
| 46                                                       | 38                                                      | 28.83                 | 5160                                                    | 5.3                                             |                          |                          |       |
| 53                                                       | 33                                                      | 24.99                 | 4950                                                    | 6.2                                             |                          |                          |       |
| 57                                                       | 30                                                      | 23.36                 | 4850                                                    | 6.4                                             |                          |                          |       |
| 65                                                       | 26                                                      | 20.19                 | 4650                                                    | 7.0                                             |                          |                          |       |
| 77                                                       | 22                                                      | 17.15                 | 4430                                                    | 8.1                                             |                          |                          |       |
| 86                                                       | 20                                                      | 15.31                 | 4280                                                    | 8.8                                             |                          |                          |       |
| 101                                                      | 17                                                      | 13.08                 | 4080                                                    | 9.7                                             |                          |                          |       |
| 109                                                      | 16                                                      | 12.14                 | 3980                                                    | 10                                              |                          |                          |       |
| 126                                                      | 14                                                      | 10.49                 | 3810                                                    | 12                                              |                          |                          |       |
| 148                                                      | 12                                                      | 8.91                  | 3620                                                    | 14                                              |                          |                          |       |
| 166                                                      | 10                                                      | 7.96                  | 3490                                                    | 15                                              |                          |                          |       |
| 0.25kW                                                   |                                                         |                       |                                                         |                                                 |                          |                          |       |
| 0.13                                                     | 15300                                                   | 9819                  | 75300                                                   | 0.85                                            | KB<br>KBF<br>KBA<br>KBAF | 120 H70 D71C4            | D71C4 |
| 0.15                                                     | 13000                                                   | 8443                  | 79200                                                   | 1.00                                            |                          |                          |       |
| 0.17                                                     | 11700                                                   | 7482                  | 79900                                                   | 1.10                                            |                          |                          |       |
| 0.20                                                     | 10200                                                   | 6565                  | 80600                                                   | 1.30                                            |                          |                          |       |
| 0.22                                                     | 8770                                                    | 5804                  | 81200                                                   | 1.50                                            |                          |                          |       |
| 0.26                                                     | 7670                                                    | 5027                  | 81600                                                   | 1.70                                            |                          |                          |       |
| 0.29                                                     | 6680                                                    | 4423                  | 81900                                                   | 1.95                                            |                          |                          |       |
| 0.33                                                     | 5850                                                    | 3889                  | 82100                                                   | 2.2                                             |                          |                          |       |
| 0.39                                                     | 4930                                                    | 3311                  | 82300                                                   | 2.6                                             |                          |                          |       |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model |               |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------|---------------|
| 0.25kW                                                   |                                                         |                       |                                                         |                                                 |              |               |
| 0.21                                                     | 9440                                                    | 6184                  | 65000                                                   | 0.85                                            |              |               |
| 0.23                                                     | 8520                                                    | 5662                  | 65000                                                   | 0.95                                            |              |               |
| 0.25                                                     | 7730                                                    | 5138                  | 65000                                                   | 1.05                                            |              |               |
| 0.30                                                     | 6700                                                    | 4359                  | 65000                                                   | 1.20                                            | KB           | 100 H70 D71C4 |
| 0.34                                                     | 5850                                                    | 3810                  | 65000                                                   | 1.35                                            | KBF          | 100 H70 D71C4 |
| 0.39                                                     | 5070                                                    | 3358                  | 65000                                                   | 1.60                                            | KBA          | 100 H70 D71C4 |
| 0.44                                                     | 4540                                                    | 2977                  | 65000                                                   | 1.75                                            | KBAF         | 100 H70 D71C4 |
| 0.50                                                     | 3970                                                    | 2599                  | 65000                                                   | 2.0                                             |              |               |
| 0.57                                                     | 3450                                                    | 2286                  | 65000                                                   | 2.3                                             |              |               |
| 0.67                                                     | 2930                                                    | 1939                  | 65000                                                   | 2.7                                             |              |               |
| 0.76                                                     | 2640                                                    | 1713                  | 65000                                                   | 3.0                                             | KB           | 100 H50 D71C4 |
| 0.84                                                     | 2390                                                    | 1554                  | 65000                                                   | 3.3                                             | KBF          | 100 H50 D71C4 |
| 0.97                                                     | 2060                                                    | 1336                  | 65000                                                   | 3.9                                             | KBA          | 100 H50 D71C4 |
|                                                          |                                                         |                       |                                                         |                                                 | KBAF         | 100 H50 D71C4 |
| 0.42                                                     | 4890                                                    | 3108                  | 40000                                                   | 0.90                                            | KB           | 90 H50 D71C4  |
| 0.47                                                     | 4250                                                    | 2757                  | 40000                                                   | 1.00                                            | KBF          | 90 H50 D71C4  |
|                                                          |                                                         |                       |                                                         |                                                 | KBA          | 90 H50 D71C4  |
|                                                          |                                                         |                       |                                                         |                                                 | KBAF         | 90 H50 D71C4  |
| 0.54                                                     | 3840                                                    | 2419                  | 40000                                                   | 1.10                                            |              |               |
| 0.61                                                     | 3340                                                    | 2123                  | 40000                                                   | 1.30                                            |              |               |
| 0.70                                                     | 2950                                                    | 1856                  | 40000                                                   | 1.45                                            | KB           | 90 H50 D71C4  |
| 0.80                                                     | 2520                                                    | 1625                  | 40000                                                   | 1.70                                            | KBF          | 90 H50 D71C4  |
| 0.91                                                     | 2190                                                    | 1430                  | 40000                                                   | 1.95                                            | KBA          | 90 H50 D71C4  |
| 1.0                                                      | 2010                                                    | 1261                  | 40000                                                   | 2.1                                             | KBAF         | 90 H50 D71C4  |
| 1.2                                                      | 1750                                                    | 1102                  | 40000                                                   | 2.5                                             |              |               |
| 1.4                                                      | 1520                                                    | 957                   | 40000                                                   | 2.8                                             |              |               |
| 1.5                                                      | 1360                                                    | 855                   | 40000                                                   | 3.2                                             |              |               |
| 0.62                                                     | 3320                                                    | 2088                  | 26400                                                   | 0.80                                            |              |               |
| 0.70                                                     | 2950                                                    | 1854                  | 27000                                                   | 0.90                                            |              |               |
| 0.78                                                     | 2640                                                    | 1657                  | 27400                                                   | 1.00                                            | KB           | 80 H50 D71C4  |
| 0.92                                                     | 2250                                                    | 1415                  | 27800                                                   | 1.20                                            | KBF          | 80 H50 D71C4  |
| 1.1                                                      | 1950                                                    | 1229                  | 28100                                                   | 1.40                                            | KBA          | 80 H50 D71C4  |
| 1.2                                                      | 1700                                                    | 1078                  | 28300                                                   | 1.60                                            | KBAF         | 80 H50 D71C4  |
| 1.4                                                      | 1470                                                    | 951                   | 28500                                                   | 1.85                                            |              |               |
| 1.5                                                      | 1280                                                    | 837                   | 28600                                                   | 2.1                                             |              |               |
| 1.8                                                      | 1110                                                    | 726                   | 28700                                                   | 2.4                                             |              |               |
| 2.0                                                      | 990                                                     | 638                   | 28800                                                   | 2.7                                             |              |               |
| 1.2                                                      | 1690                                                    | 1053                  | 14300                                                   | 0.90                                            |              |               |
| 1.4                                                      | 1480                                                    | 924                   | 15800                                                   | 1.05                                            |              |               |
| 1.6                                                      | 1310                                                    | 815                   | 16900                                                   | 1.20                                            |              |               |
| 1.8                                                      | 1100                                                    | 709                   | 17900                                                   | 1.40                                            |              |               |
| 2.1                                                      | 960                                                     | 622                   | 18400                                                   | 1.60                                            |              |               |
| 2.3                                                      | 860                                                     | 552                   | 18000                                                   | 1.80                                            | KB           | 70 H30 D71C4  |
| 2.7                                                      | 755                                                     | 485                   | 19100                                                   | 2.0                                             | KBF          | 70 H30 D71C4  |
| 3.0                                                      | 665                                                     | 428                   | 19300                                                   | 2.3                                             | KBA          | 70 H30 D71C4  |
| 3.5                                                      | 580                                                     | 367                   | 19500                                                   | 2.7                                             | KBAF         | 70 H30 D71C4  |
| 4.0                                                      | 515                                                     | 328                   | 19700                                                   | 3.0                                             |              |               |
| 4.5                                                      | 460                                                     | 290                   | 19800                                                   | 3.4                                             |              |               |
| 5.2                                                      | 395                                                     | 252                   | 19900                                                   | 3.9                                             |              |               |
| 5.9                                                      | 345                                                     | 221                   | 19900                                                   | 4.5                                             |              |               |
| 6.7                                                      | 305                                                     | 195                   | 20000                                                   | 5.1                                             |              |               |
| 7.4                                                      | 270                                                     | 175                   | 20000                                                   | 5.7                                             |              |               |
| 2.1                                                      | 960                                                     | 613                   | 7350                                                    | 0.85                                            |              |               |
| 2.4                                                      | 850                                                     | 542                   | 10100                                                   | 0.95                                            |              |               |
| 2.8                                                      | 755                                                     | 471                   | 10900                                                   | 1.10                                            | KB           | 60 H30 D71C4  |
| 3.1                                                      | 655                                                     | 420                   | 11600                                                   | 1.25                                            | KBF          | 60 H30 D71C4  |
| 3.6                                                      | 575                                                     | 361                   | 12000                                                   | 1.45                                            | KBA          | 60 H30 D71C4  |
| 4.0                                                      | 510                                                     | 323                   | 12400                                                   | 1.60                                            | KBAF         | 60 H30 D71C4  |
| 4.7                                                      | 435                                                     | 279                   | 12700                                                   | 1.90                                            |              |               |
| 5.3                                                      | 385                                                     | 246                   | 12900                                                   | 2.1                                             |              |               |
| 6.0                                                      | 335                                                     | 217                   | 13000                                                   | 2.4                                             |              |               |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model |        |       |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------|--------|-------|
| 0.25kW                                                   |                                                         |                       |                                                         |                                                 |              |        |       |
| 3.1                                                      | 655                                                     | 421                   | 5750                                                    | 0.90                                            |              |        |       |
| 3.6                                                      | 575                                                     | 362                   | 7840                                                    | 1.05                                            |              |        |       |
| 4.1                                                      | 505                                                     | 319                   | 8380                                                    | 1.20                                            |              |        |       |
| 4.7                                                      | 435                                                     | 280                   | 8720                                                    | 1.35                                            |              |        |       |
| 5.3                                                      | 385                                                     | 246                   | 8950                                                    | 1.55                                            | KB           | 50 H30 | D71C4 |
| 6.1                                                      | 335                                                     | 215                   | 9150                                                    | 1.80                                            | KBF          | 50 H30 | D71C4 |
| 6.8                                                      | 300                                                     | 192                   | 9280                                                    | 2.0                                             | KBA          | 50 H30 | D71C4 |
| 7.8                                                      | 260                                                     | 166                   | 9430                                                    | 2.3                                             | KBAF         | 50 H30 | D71C4 |
| 9.0                                                      | 225                                                     | 145                   | 9550                                                    | 2.7                                             |              |        |       |
| 10                                                       | 205                                                     | 129                   | 9620                                                    | 2.9                                             |              |        |       |
| 12                                                       | 173                                                     | 111                   | 9720                                                    | 3.5                                             |              |        |       |
| 13                                                       | 152                                                     | 97                    | 9780                                                    | 4.0                                             |              |        |       |
| 4.4                                                      | 540                                                     | 154.02                | 19600                                                   | 2.9                                             | KB           | 70     | D80N8 |
| 5.0                                                      | 475                                                     | 135.28                | 19700                                                   | 3.3                                             | KBF          | 70     | D80N8 |
| 5.3                                                      | 450                                                     | 128.52                | 19800                                                   | 3.4                                             | KBA          | 70     | D80N8 |
| 6.0                                                      | 400                                                     | 113.56                | 19900                                                   | 3.9                                             | KBAF         | 70     | D80N8 |
| 4.6                                                      | 520                                                     | 192.18                | 19700                                                   | 2.8                                             | KB           | 70     | D71D6 |
| 4.9                                                      | 485                                                     | 179.37                | 19700                                                   | 3.0                                             | KBF          | 70     | D71D6 |
| 5.7                                                      | 420                                                     | 154.02                | 19800                                                   | 3.7                                             | KBA          | 70     | D71D6 |
| 6.5                                                      | 365                                                     | 135.28                | 19900                                                   | 4.2                                             | KBAF         | 70     | D71D6 |
| 5.5                                                      | 435                                                     | 123.54                | 12700                                                   | 1.90                                            | KB           | 60     | D80N8 |
| 6.3                                                      | 380                                                     | 108.03                | 12900                                                   | 2.2                                             | KBF          | 60     | D80N8 |
| 6.6                                                      | 360                                                     | 102.62                | 12900                                                   | 2.3                                             | KBA          | 60     | D80N8 |
| 7.6                                                      | 315                                                     | 90.04                 | 13000                                                   | 2.6                                             | KBAF         | 60     | D80N8 |
| 6.1                                                      | 395                                                     | 144.79                | 12800                                                   | 2.1                                             | KB           | 60     | D71D6 |
| 7.1                                                      | 335                                                     | 123.54                | 13000                                                   | 2.5                                             | KBF          | 60     | D71D6 |
| 8.1                                                      | 395                                                     | 108.03                | 13000                                                   | 2.8                                             | KBA          | 60     | D71D6 |
| 8.6                                                      | 280                                                     | 102.62                | 13000                                                   | 3.0                                             | KBAF         | 60     | D71D6 |
| 9.0                                                      | 265                                                     | 144.79                | 13000                                                   | 3.1                                             | KB           | 60     | D71C4 |
| 11                                                       | 225                                                     | 123.54                | 13000                                                   | 3.6                                             | KBF          | 60     | D71C4 |
| 12                                                       | 198                                                     | 108.03                | 13000                                                   | 4.1                                             | KBA          | 60     | D71C4 |
| 13                                                       | 189                                                     | 102.62                | 13000                                                   | 4.3                                             | KBAF         | 60     | D71C4 |
| 6.1                                                      | 395                                                     | 145.14                | 8910                                                    | 1.50                                            |              |        |       |
| 7.1                                                      | 335                                                     | 123.85                | 9150                                                    | 1.80                                            | KB           | 50     | D71D6 |
| 8.1                                                      | 295                                                     | 108.29                | 9310                                                    | 2.0                                             | KBF          | 50     | D71D6 |
| 8.6                                                      | 280                                                     | 102.88                | 9360                                                    | 2.2                                             | KBA          | 50     | D71D6 |
| 9.8                                                      | 245                                                     | 90.26                 | 9480                                                    | 2.5                                             | KBAF         | 50     | D71D6 |
| 11                                                       | 210                                                     | 76.56                 | 9610                                                    | 2.9                                             |              |        |       |
| 9.0                                                      | 265                                                     | 145.14                | 9410                                                    | 2.2                                             |              |        |       |
| 11                                                       | 225                                                     | 123.85                | 9540                                                    | 2.6                                             | KB           | 50     | D71C4 |
| 12                                                       | 199                                                     | 108.29                | 9640                                                    | 3.0                                             | KBF          | 50     | D71C4 |
| 13                                                       | 189                                                     | 102.88                | 9670                                                    | 3.2                                             | KBA          | 50     | D71C4 |
| 14                                                       | 166                                                     | 90.26                 | 9740                                                    | 3.6                                             | KBAF         | 50     | D71C4 |
| 17                                                       | 141                                                     | 76.56                 | 9810                                                    | 4.3                                             |              |        |       |
| 6.7                                                      | 360                                                     | 131.87                | 6470                                                    | 1.10                                            | KB           | 40     | D71D6 |
| 7.2                                                      | 330                                                     | 121.48                | 6780                                                    | 1.20                                            | KBF          | 40     | D71D6 |
| 8.4                                                      | 285                                                     | 104.37                | 7210                                                    | 1.40                                            | KBA          | 40     | D71D6 |
| 9.7                                                      | 245                                                     | 90.86                 | 7480                                                    | 1.60                                            | KBAF         | 40     | D71D6 |
| 10                                                       | 230                                                     | 85.12                 | 7590                                                    | 1.75                                            |              |        |       |
| 9.9                                                      | 240                                                     | 131.87                | 7510                                                    | 1.65                                            |              |        |       |
| 11                                                       | 225                                                     | 121.48                | 7640                                                    | 1.80                                            | KB           | 40     | D71C4 |
| 12                                                       | 192                                                     | 104.37                | 7820                                                    | 2.1                                             | KBF          | 40     | D71C4 |
| 14                                                       | 167                                                     | 90.86                 | 7930                                                    | 2.4                                             | KBA          | 40     | D71C4 |
| 15                                                       | 156                                                     | 85.12                 | 7980                                                    | 2.6                                             | KBAF         | 40     | D71C4 |
| 11                                                       | 225                                                     | 83.69                 | 5300                                                    | 0.90                                            | KB           | 30     | D71D6 |
| 12                                                       | 197                                                     | 72.54                 | 5680                                                    | 1.00                                            | KBF          | 30     | D71D6 |
| 13                                                       | 184                                                     | 67.80                 | 5810                                                    | 1.10                                            | KBA          | 30     | D71D6 |
| 15                                                       | 159                                                     | 58.60                 | 6050                                                    | 1.25                                            | KBAF         | 30     | D71D6 |
| 18                                                       | 135                                                     | 49.79                 | 6230                                                    | 1.50                                            |              |        |       |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model |         |       |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------|---------|-------|
| 0.25kW                                                   |                                                         |                       |                                                         |                                                 |              |         |       |
| 12                                                       | 195                                                     | 106.38                | 5690                                                    | 1.00                                            |              |         |       |
| 13                                                       | 180                                                     | 97.81                 | 5860                                                    | 1.10                                            |              |         |       |
| 16                                                       | 154                                                     | 83.69                 | 6090                                                    | 1.30                                            |              |         |       |
| 18                                                       | 133                                                     | 72.54                 | 6250                                                    | 1.50                                            |              |         |       |
| 19                                                       | 125                                                     | 67.80                 | 6230                                                    | 1.60                                            |              |         |       |
| 22                                                       | 108                                                     | 58.60                 | 6030                                                    | 1.85                                            |              |         |       |
| 26                                                       | 91                                                      | 49.79                 | 5810                                                    | 2.2                                             |              |         |       |
| 29                                                       | 82                                                      | 44.46                 | 5650                                                    | 2.5                                             |              |         |       |
| 34                                                       | 70                                                      | 37.97                 | 5430                                                    | 2.9                                             |              |         |       |
| 37                                                       | 65                                                      | 35.57                 | 5340                                                    | 3.1                                             |              |         |       |
| 43                                                       | 55                                                      | 29.96                 | 5100                                                    | 3.6                                             | KB           | 30      | D71C4 |
| 45                                                       | 53                                                      | 28.83                 | 5050                                                    | 3.8                                             | KBF          | 30      | D71C4 |
| 52                                                       | 46                                                      | 24.99                 | 4860                                                    | 4.4                                             | KBA          | 30      | D71C4 |
| 56                                                       | 43                                                      | 23.36                 | 4770                                                    | 4.6                                             | KBAF         | 30      | D71C4 |
| 64                                                       | 37                                                      | 20.19                 | 4580                                                    | 5.0                                             |              |         |       |
| 76                                                       | 32                                                      | 17.15                 | 4370                                                    | 5.7                                             |              |         |       |
| 85                                                       | 28                                                      | 15.31                 | 4230                                                    | 6.2                                             |              |         |       |
| 99                                                       | 24                                                      | 13.08                 | 4030                                                    | 6.9                                             |              |         |       |
| 107                                                      | 22                                                      | 12.14                 | 3940                                                    | 7.2                                             |              |         |       |
| 124                                                      | 19                                                      | 10.49                 | 3780                                                    | 8.3                                             |              |         |       |
| 146                                                      | 16                                                      | 8.91                  | 3590                                                    | 9.8                                             |              |         |       |
| 163                                                      | 15                                                      | 7.96                  | 3470                                                    | 11                                              |              |         |       |
| 191                                                      | 13                                                      | 6.80                  | 3310                                                    | 12                                              |              |         |       |
| 204                                                      | 12                                                      | 6.37                  | 3240                                                    | 12                                              |              |         |       |
| 0.37kW                                                   |                                                         |                       |                                                         |                                                 |              |         |       |
| 0.18                                                     | 16600                                                   | 7482                  | 72600                                                   | 0.80                                            |              |         |       |
| 0.21                                                     | 14500                                                   | 6565                  | 76900                                                   | 0.90                                            | KB           |         |       |
| 0.24                                                     | 12600                                                   | 5804                  | 79400                                                   | 1.05                                            | KBF          | 120 H70 | D71D4 |
| 0.27                                                     | 11000                                                   | 5027                  | 80200                                                   | 1.20                                            | KBA          | 120 H70 | D71D4 |
| 0.31                                                     | 9610                                                    | 4423                  | 80800                                                   | 1.35                                            | KBAF         | 120 H70 | D71D4 |
| 0.35                                                     | 8430                                                    | 3889                  | 81300                                                   | 1.55                                            |              |         |       |
| 0.42                                                     | 7120                                                    | 3311                  | 81700                                                   | 1.85                                            |              |         |       |
| 0.72                                                     | 4230                                                    | 1926                  | 82500                                                   | 3.1                                             | KB           | 120 H70 | D71D4 |
| 0.79                                                     | 3860                                                    | 1757                  | 82500                                                   | 3.4                                             | KBF          | 120 H70 | D71D4 |
| 0.90                                                     | 3360                                                    | 1541                  | 82600                                                   | 3.9                                             | KBA          | 120 H70 | D71D4 |
|                                                          |                                                         |                       |                                                         |                                                 | KBAF         | 120 H70 | D71D4 |
| 0.36                                                     | 8380                                                    | 3810                  | 65000                                                   | 0.95                                            |              |         |       |
| 0.41                                                     | 7300                                                    | 3358                  | 65000                                                   | 1.10                                            | KB           | 100 H70 | D71D4 |
| 0.46                                                     | 6510                                                    | 2977                  | 65000                                                   | 1.25                                            | KBF          | 100 H70 | D71D4 |
| 0.53                                                     | 5690                                                    | 2599                  | 65000                                                   | 1.40                                            | KBA          | 100 H70 | D71D4 |
| 0.60                                                     | 4970                                                    | 2286                  | 65000                                                   | 1.60                                            | KBAF         | 100 H70 | D71D4 |
| 0.71                                                     | 4210                                                    | 1939                  | 65000                                                   | 1.90                                            |              |         |       |
| 0.81                                                     | 3790                                                    | 1713                  | 65000                                                   | 2.1                                             | KB           | 100 H70 | D71D4 |
| 0.89                                                     | 3440                                                    | 1554                  | 65000                                                   | 2.3                                             | KBF          | 100 H70 | D71D4 |
| 1.0                                                      | 2950                                                    | 1336                  | 65000                                                   | 2.7                                             | KBA          | 100 H70 | D71D4 |
| 1.2                                                      | 2580                                                    | 1166                  | 65000                                                   | 3.1                                             | KBAF         | 100 H70 | D71D4 |
| 0.65                                                     | 4770                                                    | 2123                  | 40000                                                   | 0.90                                            |              |         |       |
| 0.74                                                     | 4200                                                    | 1856                  | 40000                                                   | 1.00                                            |              |         |       |
| 0.85                                                     | 3610                                                    | 1625                  | 40000                                                   | 1.20                                            |              |         |       |
| 0.96                                                     | 3160                                                    | 1430                  | 40000                                                   | 1.35                                            | KB           | 90 H50  | D71D4 |
| 1.1                                                      | 2850                                                    | 1261                  | 40000                                                   | 1.50                                            | KBF          | 90 H50  | D71D4 |
| 1.2                                                      | 2490                                                    | 1102                  | 40000                                                   | 1.70                                            | KBA          | 90 H50  | D71D4 |
| 1.4                                                      | 2160                                                    | 957                   | 40000                                                   | 2.0                                             | KBAF         | 90 H50  | D71D4 |
| 1.6                                                      | 1930                                                    | 855                   | 40000                                                   | 2.2                                             |              |         |       |
| 1.9                                                      | 1620                                                    | 743                   | 40000                                                   | 2.7                                             |              |         |       |
| 2.1                                                      | 1430                                                    | 652                   | 40000                                                   | 3.0                                             |              |         |       |
| 2.4                                                      | 1280                                                    | 573                   | 40000                                                   | 3.4                                             |              |         |       |
| 0.97                                                     | 3200                                                    | 1415                  | 26600                                                   | 0.85                                            |              |         |       |
| 1.1                                                      | 2770                                                    | 1229                  | 27200                                                   | 0.95                                            |              |         |       |
| 1.3                                                      | 2420                                                    | 1078                  | 27600                                                   | 1.10                                            |              |         |       |
| 1.5                                                      | 2110                                                    | 951                   | 27900                                                   | 1.30                                            | KB           | 80 H50  | D71D4 |
| 1.6                                                      | 1850                                                    | 837                   | 28200                                                   | 1.45                                            | KBF          | 80 H50  | D71D4 |
| 1.9                                                      | 1600                                                    | 726                   | 28400                                                   | 1.70                                            | KBA          | 80 H50  | D71D4 |
| 2.2                                                      | 1420                                                    | 638                   | 28500                                                   | 1.90                                            | KBAF         | 80 H50  | D71D4 |
| 2.5                                                      | 1240                                                    | 562                   | 28600                                                   | 2.2                                             |              |         |       |
| 2.9                                                      | 1040                                                    | 474                   | 28800                                                   | 2.6                                             |              |         |       |
| 3.2                                                      | 940                                                     | 426                   | 28800                                                   | 2.9                                             |              |         |       |
| 3.7                                                      | 810                                                     | 373                   | 28900                                                   | 3.3                                             |              |         |       |



| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model             |        |       |                          |        |       |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------------------|--------|-------|--------------------------|--------|-------|
| 0.37kW                                                   |                                                         |                       |                                                         |                                                 |                          |        |       |                          |        |       |
| 1.7                                                      | 1860                                                    | 815                   | 10600                                                   | 0.85                                            | KB<br>KBF<br>KBA<br>KBAF | 70 H30 | D71D4 |                          |        |       |
| 2.0                                                      | 1580                                                    | 709                   | 15200                                                   | 1.00                                            |                          |        |       |                          |        |       |
| 2.2                                                      | 1380                                                    | 622                   | 16500                                                   | 1.10                                            |                          |        |       |                          |        |       |
| 2.5                                                      | 1230                                                    | 552                   | 17300                                                   | 1.25                                            |                          |        |       |                          |        |       |
| 2.8                                                      | 1080                                                    | 485                   | 18000                                                   | 1.45                                            |                          |        |       |                          |        |       |
| 3.2                                                      | 950                                                     | 428                   | 18500                                                   | 1.60                                            |                          |        |       |                          |        |       |
| 3.8                                                      | 830                                                     | 367                   | 18900                                                   | 1.85                                            |                          |        |       |                          |        |       |
| 4.2                                                      | 735                                                     | 328                   | 19200                                                   | 2.1                                             |                          |        |       |                          |        |       |
| 4.8                                                      | 655                                                     | 290                   | 19400                                                   | 2.4                                             |                          |        |       |                          |        |       |
| 5.5                                                      | 565                                                     | 252                   | 19600                                                   | 2.8                                             |                          |        |       |                          |        |       |
| 6.2                                                      | 495                                                     | 221                   | 19700                                                   | 3.1                                             |                          |        |       |                          |        |       |
| 7.1                                                      | 435                                                     | 195                   | 19800                                                   | 3.5                                             |                          |        |       |                          |        |       |
| 7.9                                                      | 390                                                     | 175                   | 19900                                                   | 4.0                                             |                          |        |       |                          |        |       |
| 9.0                                                      | 340                                                     | 154                   | 19900                                                   | 4.5                                             |                          |        |       |                          |        |       |
|                                                          |                                                         |                       |                                                         |                                                 |                          |        |       |                          |        |       |
| 3.3                                                      | 940                                                     | 420                   | 9000                                                    | 0.90                                            | KB<br>KBF<br>KBA<br>KBAF | 60 H30 | D71D4 |                          |        |       |
| 3.8                                                      | 820                                                     | 361                   | 10300                                                   | 1.00                                            |                          |        |       |                          |        |       |
| 4.3                                                      | 725                                                     | 323                   | 11100                                                   | 1.15                                            |                          |        |       |                          |        |       |
| 4.9                                                      | 625                                                     | 279                   | 11800                                                   | 1.30                                            |                          |        |       |                          |        |       |
| 5.6                                                      | 550                                                     | 246                   | 12200                                                   | 1.50                                            |                          |        |       |                          |        |       |
| 6.3                                                      | 485                                                     | 217                   | 12500                                                   | 1.70                                            |                          |        |       |                          |        |       |
| 7.2                                                      | 430                                                     | 191                   | 12700                                                   | 1.90                                            |                          |        |       |                          |        |       |
| 8.3                                                      | 370                                                     | 166                   | 12900                                                   | 2.2                                             |                          |        |       |                          |        |       |
| 9.6                                                      | 320                                                     | 144                   | 13000                                                   | 2.5                                             |                          |        |       |                          |        |       |
| 11                                                       | 275                                                     | 122                   | 13000                                                   | 3.0                                             |                          |        |       |                          |        |       |
|                                                          |                                                         |                       |                                                         |                                                 |                          |        |       |                          |        |       |
| 4.9                                                      | 625                                                     | 280                   | 7430                                                    | 0.95                                            |                          |        |       | KB<br>KBF<br>KBA<br>KBAF | 50 H30 | D71D4 |
| 5.6                                                      | 550                                                     | 246                   | 8040                                                    | 1.10                                            |                          |        |       |                          |        |       |
| 6.4                                                      | 480                                                     | 215                   | 8520                                                    | 1.25                                            |                          |        |       |                          |        |       |
| 7.2                                                      | 430                                                     | 192                   | 8750                                                    | 1.40                                            |                          |        |       |                          |        |       |
| 8.3                                                      | 370                                                     | 166                   | 9000                                                    | 1.60                                            |                          |        |       |                          |        |       |
| 9.6                                                      | 325                                                     | 145                   | 9200                                                    | 1.85                                            |                          |        |       |                          |        |       |
| 11                                                       | 290                                                     | 129                   | 9320                                                    | 2.1                                             |                          |        |       |                          |        |       |
| 12                                                       | 245                                                     | 111                   | 9480                                                    | 2.4                                             |                          |        |       |                          |        |       |
| 14                                                       | 215                                                     | 97                    | 9580                                                    | 2.8                                             |                          |        |       |                          |        |       |
|                                                          |                                                         |                       |                                                         |                                                 |                          |        |       |                          |        |       |
| 3.9                                                      | 910                                                     | 174.19                | 28800                                                   | 3.0                                             | KB<br>KBF<br>KBA<br>KBAF | 80     | D90S8 |                          |        |       |
| 4.1                                                      | 850                                                     | 164.34                | 28900                                                   | 3.2                                             |                          |        |       |                          |        |       |
| 4.6                                                      | 765                                                     | 147.32                | 28900                                                   | 3.5                                             |                          |        |       |                          |        |       |
|                                                          |                                                         |                       |                                                         |                                                 |                          |        |       |                          |        |       |
|                                                          |                                                         |                       |                                                         |                                                 |                          |        |       |                          |        |       |
| 4.6                                                      | 775                                                     | 197.37                | 28900                                                   | 3.5                                             | KB<br>KBF<br>KBA<br>KBAF | 80     | D80K6 |                          |        |       |
| 5.2                                                      | 685                                                     | 174.19                | 28900                                                   | 4.0                                             |                          |        |       |                          |        |       |
|                                                          |                                                         |                       |                                                         |                                                 |                          |        |       |                          |        |       |
|                                                          |                                                         |                       |                                                         |                                                 |                          |        |       |                          |        |       |
|                                                          |                                                         |                       |                                                         |                                                 |                          |        |       |                          |        |       |
| 5.0                                                      | 705                                                     | 135.28                | 19300                                                   | 2.2                                             | KB<br>KBF<br>KBA<br>KBAF | 70     | D90S8 |                          |        |       |
| 5.3                                                      | 670                                                     | 128.52                | 19300                                                   | 2.3                                             |                          |        |       |                          |        |       |
| 6.0                                                      | 590                                                     | 113.56                | 19500                                                   | 2.6                                             |                          |        |       |                          |        |       |
| 7.0                                                      | 505                                                     | 97.05                 | 19700                                                   | 3.1                                             |                          |        |       |                          |        |       |
|                                                          |                                                         |                       |                                                         |                                                 |                          |        |       |                          |        |       |
| 5.8                                                      | 605                                                     | 154.02                | 19500                                                   | 2.6                                             | KB<br>KBF<br>KBA<br>KBAF | 70     | D80K6 |                          |        |       |
| 6.7                                                      | 530                                                     | 135.28                | 19600                                                   | 2.9                                             |                          |        |       |                          |        |       |
| 7.0                                                      | 505                                                     | 128.52                | 19700                                                   | 3.1                                             |                          |        |       |                          |        |       |
| 7.9                                                      | 445                                                     | 113.56                | 19800                                                   | 3.5                                             |                          |        |       |                          |        |       |
|                                                          |                                                         |                       |                                                         |                                                 |                          |        |       |                          |        |       |
| 7.2                                                      | 490                                                     | 192.18                | 19700                                                   | 3.0                                             | KB<br>KBF<br>KBA<br>KBAF | 70     | D71D4 |                          |        |       |
| 7.7                                                      | 460                                                     | 179.37                | 19800                                                   | 3.2                                             |                          |        |       |                          |        |       |
| 9.0                                                      | 395                                                     | 154.02                | 19900                                                   | 3.9                                             |                          |        |       |                          |        |       |
|                                                          |                                                         |                       |                                                         |                                                 |                          |        |       |                          |        |       |
|                                                          |                                                         |                       |                                                         |                                                 |                          |        |       |                          |        |       |
| 6.3                                                      | 560                                                     | 108.03                | 12100                                                   | 1.45                                            | KB<br>KBF<br>KBA<br>KBAF | 60     | D90S8 |                          |        |       |
| 6.6                                                      | 535                                                     | 102.62                | 12300                                                   | 1.55                                            |                          |        |       |                          |        |       |
| 7.6                                                      | 470                                                     | 90.04                 | 12600                                                   | 1.75                                            |                          |        |       |                          |        |       |
|                                                          |                                                         |                       |                                                         |                                                 |                          |        |       |                          |        |       |
|                                                          |                                                         |                       |                                                         |                                                 |                          |        |       |                          |        |       |
| 7.3                                                      | 485                                                     | 123.54                | 12500                                                   | 1.70                                            | KB<br>KBF<br>KBA<br>KBAF | 60     | D80K6 |                          |        |       |
| 8.3                                                      | 425                                                     | 108.03                | 12700                                                   | 1.95                                            |                          |        |       |                          |        |       |
| 8.8                                                      | 405                                                     | 102.62                | 12800                                                   | 2.0                                             |                          |        |       |                          |        |       |
| 10                                                       | 355                                                     | 90.04                 | 13000                                                   | 2.3                                             |                          |        |       |                          |        |       |
|                                                          |                                                         |                       |                                                         |                                                 |                          |        |       |                          |        |       |
| 9.5                                                      | 370                                                     | 144.79                | 12900                                                   | 2.2                                             | KB<br>KBF<br>KBA<br>KBAF | 60     | D71D4 |                          |        |       |
| 11                                                       | 315                                                     | 123.54                | 13000                                                   | 2.6                                             |                          |        |       |                          |        |       |
| 13                                                       | 275                                                     | 108.03                | 13000                                                   | 3.0                                             |                          |        |       |                          |        |       |
| 15                                                       | 230                                                     | 90.04                 | 13000                                                   | 3.6                                             |                          |        |       |                          |        |       |
| 18                                                       | 196                                                     | 76.37                 | 13000                                                   | 4.2                                             |                          |        |       |                          |        |       |
|                                                          |                                                         |                       |                                                         |                                                 |                          |        |       |                          |        |       |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model             |         |       |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------------------|---------|-------|
| 0.37kW                                                   |                                                         |                       |                                                         |                                                 |                          |         |       |
| 7.3                                                      | 485                                                     | 123.85                | 8490                                                    | 1.25                                            | KB<br>KBF<br>KBA<br>KBAF | 50      | D80K6 |
| 8.3                                                      | 425                                                     | 108.29                | 8770                                                    | 1.40                                            |                          |         |       |
| 8.8                                                      | 405                                                     | 102.88                | 8870                                                    | 1.50                                            |                          |         |       |
| 10                                                       | 355                                                     | 90.26                 | 9070                                                    | 1.70                                            |                          |         |       |
| 12                                                       | 300                                                     | 76.56                 | 9280                                                    | 2.0                                             |                          |         |       |
| 13                                                       | 270                                                     | 69.12                 | 9390                                                    | 2.2                                             |                          |         |       |
| 9.5                                                      | 370                                                     | 145.14                | 9000                                                    | 1.60                                            | KB<br>KBF<br>KBA<br>KBAF | 50      | D71D4 |
| 11                                                       | 315                                                     | 123.85                | 9220                                                    | 1.90                                            |                          |         |       |
| 13                                                       | 275                                                     | 108.29                | 9370                                                    | 2.2                                             |                          |         |       |
| 13                                                       | 265                                                     | 102.88                | 9420                                                    | 2.3                                             |                          |         |       |
| 15                                                       | 230                                                     | 90.26                 | 9530                                                    | 2.6                                             |                          |         |       |
| 18                                                       | 196                                                     | 76.56                 | 9650                                                    | 3.1                                             |                          |         |       |
| 20                                                       | 177                                                     | 69.12                 | 9700                                                    | 3.4                                             |                          |         |       |
| 8.6                                                      | 410                                                     | 104.37                | 5490                                                    | 1.00                                            | KB<br>KBF<br>KBA<br>KBAF | 40      | D80K6 |
| 9.9                                                      | 355                                                     | 90.86                 | 6480                                                    | 1.10                                            |                          |         |       |
| 11                                                       | 335                                                     | 85.12                 | 6730                                                    | 1.20                                            |                          |         |       |
| 12                                                       | 295                                                     | 75.20                 | 7100                                                    | 1.35                                            |                          |         |       |
| 10                                                       | 340                                                     | 131.87                | 6690                                                    | 1.20                                            | KB<br>KBF<br>KBA<br>KBAF | 40      | D71D4 |
| 11                                                       | 310                                                     | 121.48                | 6960                                                    | 1.30                                            |                          |         |       |
| 13                                                       | 265                                                     | 104.37                | 7330                                                    | 1.50                                            |                          |         |       |
| 15                                                       | 235                                                     | 90.86                 | 7580                                                    | 1.70                                            | KB<br>KBF<br>KBA<br>KBAF | 40      | D71D4 |
| 16                                                       | 220                                                     | 85.12                 | 7670                                                    | 1.85                                            |                          |         |       |
| 18                                                       | 193                                                     | 75.20                 | 7810                                                    | 2.1                                             |                          |         |       |
| 20                                                       | 179                                                     | 69.84                 | 7880                                                    | 2.2                                             |                          |         |       |
| 22                                                       | 162                                                     | 63.30                 | 7960                                                    | 2.5                                             |                          |         |       |
| 14                                                       | 250                                                     | 97.81                 | 2520                                                    | 0.80                                            | KB<br>KBF<br>KBA<br>KBAF | 30      | D71D4 |
| 16                                                       | 215                                                     | 83.69                 | 5470                                                    | 0.95                                            |                          |         |       |
| 19                                                       | 186                                                     | 72.54                 | 5690                                                    | 1.10                                            |                          |         |       |
| 20                                                       | 174                                                     | 67.80                 | 5630                                                    | 1.15                                            |                          |         |       |
| 24                                                       | 150                                                     | 58.60                 | 5510                                                    | 1.35                                            |                          |         |       |
| 28                                                       | 128                                                     | 49.79                 | 5350                                                    | 1.55                                            |                          |         |       |
| 31                                                       | 114                                                     | 44.46                 | 5230                                                    | 1.75                                            |                          |         |       |
| 36                                                       | 97                                                      | 37.97                 | 5060                                                    | 2.1                                             |                          |         |       |
| 39                                                       | 91                                                      | 35.57                 | 4990                                                    | 2.2                                             |                          |         |       |
| 46                                                       | 77                                                      | 29.96                 | 4800                                                    | 2.6                                             |                          |         |       |
| 48                                                       | 74                                                      | 28.83                 | 4750                                                    | 2.7                                             |                          |         |       |
| 55                                                       | 64                                                      | 24.99                 | 4590                                                    | 3.1                                             |                          |         |       |
| 59                                                       | 60                                                      | 23.36                 | 4510                                                    | 3.3                                             |                          |         |       |
| 68                                                       | 52                                                      | 20.19                 | 4350                                                    | 3.6                                             |                          |         |       |
| 80                                                       | 44                                                      | 17.15                 | 4160                                                    | 4.1                                             |                          |         |       |
| 90                                                       | 39                                                      | 15.31                 | 4040                                                    | 4.5                                             |                          |         |       |
| 105                                                      | 34                                                      | 13.08                 | 3860                                                    | 4.9                                             |                          |         |       |
| 114                                                      | 31                                                      | 12.14                 | 3780                                                    | 5.1                                             |                          |         |       |
| 132                                                      | 27                                                      | 10.49                 | 3630                                                    | 5.9                                             |                          |         |       |
| 155                                                      | 23                                                      | 8.91                  | 3460                                                    | 7.0                                             |                          |         |       |
| 173                                                      | 20                                                      | 7.96                  | 3350                                                    | 7.6                                             |                          |         |       |
| 203                                                      | 17                                                      | 6.80                  | 3190                                                    | 8.6                                             |                          |         |       |
| 217                                                      | 16                                                      | 6.37                  | 3130                                                    | 8.9                                             |                          |         |       |
| 257                                                      | 14                                                      | 5.36                  | 2970                                                    | 10                                              |                          |         |       |
| 0.55kW                                                   |                                                         |                       |                                                         |                                                 |                          |         |       |
| 0.08                                                     | 55900                                                   | 16978                 | 179800                                                  | 0.90                                            | KB                       | 180 H90 | D80K4 |
| 0.10                                                     | 46500                                                   | 14272                 | 190000                                                  | 1.10                                            |                          |         |       |
| 0.10                                                     | 42500                                                   | 13116                 | 190000                                                  | 1.20                                            |                          |         |       |
| 0.12                                                     | 37400                                                   | 11647                 | 190000                                                  | 1.35                                            |                          |         |       |
| 0.19                                                     | 23900                                                   | 7343                  | 190000                                                  | 2.1                                             |                          |         |       |
| 0.12                                                     | 38400                                                   | 11573                 | 150000                                                  | 0.85                                            | KB                       | 160 H90 | D80K4 |
| 0.13                                                     | 33800                                                   | 10264                 | 150000                                                  | 0.95                                            |                          |         |       |
| 0.16                                                     | 28100                                                   | 8628                  | 150000                                                  | 1.15                                            |                          |         |       |
| 0.21                                                     | 21400                                                   | 6562                  | 150000                                                  | 1.50                                            |                          |         |       |
| 0.25                                                     | 17200                                                   | 5355                  | 150000                                                  | 1.85                                            |                          |         |       |
| 0.33                                                     | 13200                                                   | 4079                  | 150000                                                  | 2.4                                             |                          |         |       |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model             |                          |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------------------|--------------------------|
| 0.55kW                                                   |                                                         |                       |                                                         |                                                 |                          |                          |
| 0.20                                                     | 22400                                                   | 6881                  | 109700                                                  | 0.80                                            | KB                       | 150 H90 D80K4            |
| 0.23                                                     | 19300                                                   | 5931                  | 111500                                                  | 0.95                                            | KBF                      | 150 H90 D80K4            |
| 0.34                                                     | 13000                                                   | 3979                  | 114400                                                  | 1.40                                            | KBA                      | 150 H90 D80K4            |
| 0.45                                                     | 9940                                                    | 3051                  | 115300                                                  | 1.80                                            | KBAF                     | 150 H90 D80K4            |
| 0.31                                                     | 14900                                                   | 4423                  | 76200                                                   | 0.85                                            | KB<br>KBF<br>KBA<br>KBAF | 120 H70 D80K4            |
| 0.35                                                     | 13000                                                   | 3889                  | 79200                                                   | 1.00                                            |                          | 120 H70 D80K4            |
| 0.41                                                     | 11100                                                   | 3311                  | 80200                                                   | 1.20                                            |                          | 120 H70 D80K4            |
| 0.45                                                     | 10000                                                   | 3009                  | 80700                                                   | 1.30                                            |                          | 120 H70 D80K4            |
| 0.52                                                     | 8630                                                    | 2607                  | 81200                                                   | 1.50                                            |                          | 120 H70 D80K4            |
| 0.71                                                     | 6560                                                    | 1926                  | 81900                                                   | 2.0                                             | KB<br>KBF<br>KBA<br>KBAF | 120 H70 D80K4            |
| 0.77                                                     | 5980                                                    | 1757                  | 82100                                                   | 2.2                                             |                          | 120 H70 D80K4            |
| 0.88                                                     | 5220                                                    | 1541                  | 82300                                                   | 2.5                                             |                          | 120 H70 D80K4            |
| 1.0                                                      | 4570                                                    | 1342                  | 82400                                                   | 2.8                                             |                          | 120 H70 D80K4            |
| 1.2                                                      | 3990                                                    | 1177                  | 82500                                                   | 3.3                                             |                          | 120 H70 D80K4            |
| 1.3                                                      | 3490                                                    | 1025                  | 82600                                                   | 3.7                                             |                          |                          |
| 0.46                                                     | 10100                                                   | 2977                  | 65000                                                   | 0.80                                            | KB                       | 100 H70 D80K4            |
| 0.52                                                     | 8770                                                    | 2599                  | 65000                                                   | 0.90                                            | KBF                      | 100 H70 D80K4            |
| 0.59                                                     | 7690                                                    | 2286                  | 65000                                                   | 1.05                                            | KBA                      | 100 H70 D80K4            |
| 0.70                                                     | 6520                                                    | 1939                  | 65000                                                   | 1.25                                            | KBAF                     | 100 H70 D80K4            |
| 0.79                                                     | 5850                                                    | 1713                  | 65000                                                   | 1.35                                            | KB<br>KBF<br>KBA<br>KBAF | 100 H70 D80K4            |
| 0.87                                                     | 5310                                                    | 1554                  | 65000                                                   | 1.50                                            |                          | 100 H70 D80K4            |
| 1.0                                                      | 4570                                                    | 1336                  | 65000                                                   | 1.75                                            |                          | 100 H70 D80K4            |
| 1.2                                                      | 3990                                                    | 1166                  | 65000                                                   | 2.0                                             |                          | 100 H70 D80K4            |
| 1.3                                                      | 3450                                                    | 1030                  | 65000                                                   | 2.3                                             |                          | 100 H70 D80K4            |
| 1.5                                                      | 3000                                                    | 904                   | 65000                                                   | 2.7                                             |                          | 100 H70 D80K4            |
| 1.7                                                      | 2700                                                    | 793                   | 65000                                                   | 3.0                                             |                          |                          |
| 2.0                                                      | 2360                                                    | 696                   | 65000                                                   | 3.4                                             |                          |                          |
| 2.2                                                      | 2050                                                    | 615                   | 65000                                                   | 3.9                                             |                          |                          |
| 0.95                                                     | 4880                                                    | 1430                  | 40000                                                   | 0.90                                            | KB<br>KBF<br>KBA<br>KBAF | 90 H50 D80K4             |
| 1.1                                                      | 4380                                                    | 1261                  | 40000                                                   | 1.00                                            |                          | 90 H50 D80K4             |
| 1.2                                                      | 3820                                                    | 1102                  | 40000                                                   | 1.15                                            |                          | 90 H50 D80K4             |
| 1.4                                                      | 3320                                                    | 957                   | 40000                                                   | 1.30                                            |                          | 90 H50 D80K4             |
| 1.6                                                      | 2960                                                    | 855                   | 40000                                                   | 1.45                                            |                          | 90 H50 D80K4             |
| 1.8                                                      | 2520                                                    | 743                   | 40000                                                   | 1.70                                            |                          | 90 H50 D80K4             |
| 2.1                                                      | 2220                                                    | 652                   | 40000                                                   | 1.95                                            |                          | 90 H50 D80K4             |
| 2.4                                                      | 1970                                                    | 573                   | 40000                                                   | 2.2                                             |                          |                          |
| 2.7                                                      | 1700                                                    | 504                   | 40000                                                   | 2.5                                             |                          |                          |
| 3.1                                                      | 1470                                                    | 437                   | 40000                                                   | 2.9                                             |                          |                          |
| 3.6                                                      | 1300                                                    | 382                   | 40000                                                   | 3.3                                             |                          |                          |
| 4.5                                                      | 1040                                                    | 305                   | 40000                                                   | 4.1                                             |                          |                          |
| 1.4                                                      | 3260                                                    | 951                   | 26500                                                   | 0.85                                            | KB<br>KBF<br>KBA<br>KBAF | 80 H50 D80K4             |
| 1.6                                                      | 2860                                                    | 837                   | 27100                                                   | 0.95                                            |                          | 80 H50 D80K4             |
| 1.9                                                      | 2480                                                    | 726                   | 27600                                                   | 1.10                                            |                          | 80 H50 D80K4             |
| 2.1                                                      | 2190                                                    | 638                   | 27900                                                   | 1.25                                            |                          | 80 H50 D80K4             |
| 2.4                                                      | 1920                                                    | 562                   | 28100                                                   | 1.40                                            |                          | 80 H50 D80K4             |
| 2.9                                                      | 1620                                                    | 474                   | 28400                                                   | 1.65                                            |                          | 80 H50 D80K4             |
| 3.2                                                      | 1450                                                    | 426                   | 28500                                                   | 1.85                                            |                          | 80 H50 D80K4             |
| 3.7                                                      | 1260                                                    | 373                   | 28600                                                   | 2.1                                             |                          | 80 H50 D80K4             |
| 4.1                                                      | 1110                                                    | 330                   | 28700                                                   | 2.4                                             |                          |                          |
| 4.6                                                      | 990                                                     | 294                   | 28800                                                   | 2.7                                             |                          |                          |
| 5.4                                                      | 850                                                     | 250                   | 28900                                                   | 3.2                                             |                          |                          |
| 5.8                                                      | 800                                                     | 236                   | 28900                                                   | 3.4                                             |                          |                          |
| 6.8                                                      | 680                                                     | 201                   | 28900                                                   | 4.0                                             |                          |                          |
| 2.5                                                      | 1900                                                    | 552                   | 5780                                                    | 0.80                                            |                          | KB<br>KBF<br>KBA<br>KBAF |
| 2.8                                                      | 1670                                                    | 485                   | 14500                                                   | 0.95                                            | 70 H30 D80K4             |                          |
| 3.2                                                      | 1470                                                    | 428                   | 15900                                                   | 1.05                                            | 70 H30 D80K4             |                          |
| 3.7                                                      | 1270                                                    | 367                   | 17100                                                   | 1.20                                            | 70 H30 D80K4             |                          |
| 4.2                                                      | 1130                                                    | 328                   | 17800                                                   | 1.35                                            | 70 H30 D80K4             |                          |
| 4.7                                                      | 1000                                                    | 290                   | 18300                                                   | 1.55                                            | 70 H30 D80K4             |                          |
| 5.4                                                      | 870                                                     | 252                   | 18800                                                   | 1.80                                            | 70 H30 D80K4             |                          |
| 6.2                                                      | 760                                                     | 221                   | 19100                                                   | 2.0                                             |                          |                          |
| 7.0                                                      | 670                                                     | 195                   | 19300                                                   | 2.3                                             |                          |                          |
| 7.8                                                      | 600                                                     | 175                   | 19500                                                   | 2.6                                             |                          |                          |
| 8.8                                                      | 530                                                     | 154                   | 19600                                                   | 2.9                                             |                          |                          |



| 输出<br>转速<br>Output<br>speed<br>n <sub>e</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model |     |           |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------|-----|-----------|
| 0.55kW                                                   |                                                         |                       |                                                         |                                                 |              |     |           |
| 21                                                       | 245                                                     | 63.30                 | 7500                                                    | 1.65                                            | KB           | 40  | D80K4     |
| 24                                                       | 220                                                     | 56.83                 | 7660                                                    | 1.80                                            | KBF          | 40  | D80K4     |
| 28                                                       | 189                                                     | 48.95                 | 7830                                                    | 2.1                                             | KBA          | 40  | D80K4     |
| 30                                                       | 178                                                     | 46.03                 | 7880                                                    | 2.2                                             | KBAF         | 40  | D80K4     |
| 23                                                       | 225                                                     | 58.60                 | 4850                                                    | 0.90                                            | KB           | 30  | D80K4     |
| 27                                                       | 192                                                     | 49.79                 | 4790                                                    | 1.05                                            |              |     |           |
| 31                                                       | 172                                                     | 44.46                 | 4740                                                    | 1.15                                            |              |     |           |
| 36                                                       | 147                                                     | 37.97                 | 4640                                                    | 1.35                                            |              |     |           |
| 38                                                       | 137                                                     | 35.57                 | 4600                                                    | 1.45                                            |              |     |           |
| 45                                                       | 116                                                     | 29.96                 | 4470                                                    | 1.75                                            |              |     |           |
| 47                                                       | 111                                                     | 28.83                 | 4440                                                    | 1.80                                            |              |     |           |
| 54                                                       | 97                                                      | 24.99                 | 4320                                                    | 2.1                                             |              |     |           |
| 58                                                       | 90                                                      | 23.36                 | 4260                                                    | 2.2                                             |              |     |           |
| 67                                                       | 78                                                      | 20.19                 | 4130                                                    | 2.4                                             |              |     |           |
| 79                                                       | 66                                                      | 17.15                 | 3980                                                    | 2.7                                             |              |     |           |
| 89                                                       | 59                                                      | 15.31                 | 3880                                                    | 3.0                                             |              |     |           |
| 104                                                      | 51                                                      | 13.08                 | 3730                                                    | 3.3                                             |              |     |           |
| 112                                                      | 47                                                      | 12.14                 | 3660                                                    | 3.4                                             |              |     |           |
| 130                                                      | 41                                                      | 10.49                 | 3520                                                    | 4.0                                             |              |     |           |
| 153                                                      | 34                                                      | 8.91                  | 3370                                                    | 4.7                                             |              |     |           |
| 171                                                      | 31                                                      | 7.96                  | 3270                                                    | 5.1                                             |              |     |           |
| 200                                                      | 26                                                      | 6.80                  | 3130                                                    | 5.7                                             |              |     |           |
| 214                                                      | 25                                                      | 6.37                  | 3070                                                    | 5.9                                             |              |     |           |
| 254                                                      | 21                                                      | 5.36                  | 2920                                                    | 6.8                                             |              |     |           |
| 0.75kW                                                   |                                                         |                       |                                                         |                                                 |              |     |           |
| 0.11                                                     | 58400                                                   | 13116                 | 175300                                                  | 0.85                                            | KB           | 180 | H90 D80N4 |
| 0.12                                                     | 51500                                                   | 11647                 | 187300                                                  | 0.95                                            |              |     |           |
| 0.19                                                     | 32800                                                   | 7343                  | 190000                                                  | 1.50                                            |              |     |           |
| 1.20                                                     | 30000                                                   | 6747                  | 190000                                                  | 1.65                                            |              |     |           |
| 0.23                                                     | 26500                                                   | 5991                  | 190000                                                  | 1.90                                            |              |     |           |
| 0.16                                                     | 38600                                                   | 8628                  | 150000                                                  | 0.85                                            | KB           | 160 | H90 D80N4 |
| 0.21                                                     | 29300                                                   | 6562                  | 150000                                                  | 1.10                                            |              |     |           |
| 0.26                                                     | 23700                                                   | 5355                  | 150000                                                  | 1.35                                            |              |     |           |
| 0.34                                                     | 18200                                                   | 4079                  | 150000                                                  | 1.75                                            |              |     |           |
| 0.41                                                     | 15100                                                   | 3376                  | 150000                                                  | 2.1                                             |              |     |           |
| 0.35                                                     | 17800                                                   | 3979                  | 112300                                                  | 1.00                                            | KB           | 150 | H90 D80N4 |
| 0.45                                                     | 13600                                                   | 3051                  | 114100                                                  | 1.30                                            | KBF          | 150 | H90 D80N4 |
|                                                          |                                                         |                       |                                                         |                                                 | KBA          | 150 | H90 D80N4 |
|                                                          |                                                         |                       |                                                         |                                                 | KBAF         | 150 | H90 D80N4 |
| 0.83                                                     | 7440                                                    | 1659                  | 115900                                                  | 2.4                                             | KB           | 150 | H90 D80N4 |
| 1.0                                                      | 6040                                                    | 1365                  | 116200                                                  | 3.0                                             | KBF          | 150 | H90 D80N4 |
|                                                          |                                                         |                       |                                                         |                                                 | KBA          | 150 | H90 D80N4 |
|                                                          |                                                         |                       |                                                         |                                                 | KBAF         | 150 | H90 D80N4 |
| 0.42                                                     | 15100                                                   | 3311                  | 75800                                                   | 0.85                                            | KB           | 120 | H70 D80N4 |
| 0.46                                                     | 13700                                                   | 3009                  | 78600                                                   | 0.95                                            | KBF          | 120 | H70 D80N4 |
| 0.53                                                     | 11800                                                   | 2607                  | 79800                                                   | 1.10                                            | KBA          | 120 | H70 D80N4 |
|                                                          |                                                         |                       |                                                         |                                                 | KBAF         | 120 | H70 D80N4 |
| 0.72                                                     | 8930                                                    | 1926                  | 81100                                                   | 1.45                                            | KB           | 120 | H70 D80N4 |
| 0.79                                                     | 8150                                                    | 1757                  | 81400                                                   | 1.60                                            |              |     |           |
| 0.90                                                     | 7120                                                    | 1541                  | 81700                                                   | 1.85                                            |              |     |           |
| 1.0                                                      | 6220                                                    | 1342                  | 82000                                                   | 2.1                                             |              |     |           |
| 1.2                                                      | 5440                                                    | 1177                  | 82200                                                   | 2.4                                             |              |     |           |
| 1.4                                                      | 4750                                                    | 1025                  | 82400                                                   | 2.7                                             |              |     |           |
| 1.5                                                      | 4150                                                    | 899                   | 82500                                                   | 3.1                                             |              |     |           |
|                                                          |                                                         |                       |                                                         |                                                 |              |     |           |
| 0.81                                                     | 7960                                                    | 1713                  | 65000                                                   | 1.00                                            | KB           | 100 | H70 D80N4 |
| 0.89                                                     | 7230                                                    | 1554                  | 65000                                                   | 1.10                                            |              |     |           |
| 1.0                                                      | 6210                                                    | 1336                  | 65000                                                   | 1.30                                            |              |     |           |
| 1.2                                                      | 5420                                                    | 1166                  | 65000                                                   | 1.50                                            |              |     |           |
| 1.3                                                      | 4710                                                    | 1030                  | 65000                                                   | 1.70                                            |              |     |           |
| 1.5                                                      | 4120                                                    | 904                   | 65000                                                   | 1.95                                            |              |     |           |
| 1.7                                                      | 3680                                                    | 793                   | 65000                                                   | 2.2                                             |              |     |           |
| 2.0                                                      | 3210                                                    | 696                   | 65000                                                   | 2.5                                             |              |     |           |
| 2.2                                                      | 2800                                                    | 615                   | 65000                                                   | 2.8                                             | KBAF         | 100 | H70 D80N4 |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model             |    |           |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------------------|----|-----------|
| 0.75kW                                                   |                                                         |                       |                                                         |                                                 |                          |    |           |
| 1.2                                                      | 5180                                                    | 1102                  | 39700                                                   | 0.85                                            | KB<br>KBF<br>KBA<br>KBAF | 90 | H50 D80N4 |
| 1.4                                                      | 4490                                                    | 957                   | 40000                                                   | 0.95                                            |                          |    |           |
| 1.6                                                      | 4020                                                    | 855                   | 40000                                                   | 1.05                                            |                          |    |           |
| 1.9                                                      | 3430                                                    | 743                   | 40000                                                   | 1.25                                            |                          |    |           |
| 2.1                                                      | 3020                                                    | 652                   | 40000                                                   | 1.40                                            |                          |    |           |
| 2.4                                                      | 2680                                                    | 573                   | 40000                                                   | 1.60                                            |                          |    |           |
| 2.7                                                      | 2320                                                    | 504                   | 40000                                                   | 1.85                                            |                          |    |           |
| 3.2                                                      | 2010                                                    | 437                   | 40000                                                   | 2.1                                             |                          |    |           |
| 3.6                                                      | 1770                                                    | 382                   | 40000                                                   | 2.4                                             |                          |    |           |
| 4.5                                                      | 1420                                                    | 305                   | 40000                                                   | 3.0                                             |                          |    |           |
| 5.4                                                      | 1190                                                    | 258                   | 40000                                                   | 3.6                                             |                          |    |           |
| 5.9                                                      | 1080                                                    | 232                   | 40000                                                   | 4.0                                             |                          |    |           |
| 6.9                                                      | 920                                                     | 199                   | 40000                                                   | 4.7                                             |                          |    |           |
| 1.9                                                      | 3370                                                    | 726                   | 26300                                                   | 0.80                                            | KB<br>KBF<br>KBA<br>KBAF | 80 | H50 D80N4 |
| 2.2                                                      | 2970                                                    | 638                   | 26900                                                   | 0.90                                            |                          |    |           |
| 2.5                                                      | 2610                                                    | 562                   | 27400                                                   | 1.05                                            |                          |    |           |
| 2.9                                                      | 2200                                                    | 474                   | 27900                                                   | 1.25                                            |                          |    |           |
| 3.2                                                      | 1980                                                    | 426                   | 28100                                                   | 1.35                                            |                          |    |           |
| 3.7                                                      | 1720                                                    | 373                   | 28300                                                   | 1.55                                            |                          |    |           |
| 4.2                                                      | 1520                                                    | 330                   | 28500                                                   | 1.80                                            |                          |    |           |
| 4.7                                                      | 1350                                                    | 294                   | 28600                                                   | 2.0                                             |                          |    |           |
| 5.5                                                      | 1160                                                    | 250                   | 28700                                                   | 2.3                                             |                          |    |           |
| 5.8                                                      | 1100                                                    | 236                   | 28700                                                   | 2.5                                             |                          |    |           |
| 6.9                                                      | 930                                                     | 201                   | 28800                                                   | 2.9                                             |                          |    |           |
| 3.8                                                      | 1720                                                    | 367                   | 14000                                                   | 0.90                                            | KB<br>KBF<br>KBA<br>KBAF | 70 | H30 D80N4 |
| 4.2                                                      | 1540                                                    | 328                   | 15500                                                   | 1.00                                            |                          |    |           |
| 4.8                                                      | 1360                                                    | 290                   | 16600                                                   | 1.15                                            |                          |    |           |
| 5.5                                                      | 1180                                                    | 252                   | 17500                                                   | 1.30                                            |                          |    |           |
| 6.2                                                      | 1030                                                    | 221                   | 18200                                                   | 1.50                                            |                          |    |           |
| 3.9                                                      | 1830                                                    | 176.05                | 40000                                                   | 2.3                                             | KB<br>KBF<br>KBA<br>KBAF | 90 | D100M8    |
| 4.5                                                      | 1590                                                    | 153.21                | 40000                                                   | 2.7                                             |                          |    |           |
| 4.9                                                      | 1460                                                    | 140.28                | 40000                                                   | 3.0                                             |                          |    |           |
| 4.7                                                      | 1530                                                    | 147.32                | 28500                                                   | 1.75                                            | KB<br>KBF<br>KBA<br>KBAF | 80 | D100M8    |
| 5.4                                                      | 1320                                                    | 126.91                | 28600                                                   | 2.0                                             |                          |    |           |
| 6.0                                                      | 1200                                                    | 115.82                | 28700                                                   | 2.2                                             |                          |    |           |
| 6.7                                                      | 1070                                                    | 102.71                | 28700                                                   | 2.5                                             |                          |    |           |
| 5.2                                                      | 1390                                                    | 174.19                | 28600                                                   | 1.95                                            | KB<br>KBF<br>KBA<br>KBAF | 80 | D90S6     |
| 5.5                                                      | 1310                                                    | 164.34                | 28600                                                   | 2.1                                             |                          |    |           |
| 6.1                                                      | 1170                                                    | 147.32                | 28700                                                   | 2.3                                             |                          |    |           |
| 7.1                                                      | 1010                                                    | 126.91                | 28800                                                   | 2.7                                             |                          |    |           |
| 7.0                                                      | 1020                                                    | 197.37                | 28800                                                   | 2.6                                             | KB<br>KBF<br>KBA<br>KBAF | 80 | D80N4     |
| 7.9                                                      | 900                                                     | 174.19                | 28800                                                   | 3.0                                             |                          |    |           |
| 8.4                                                      | 850                                                     | 164.34                | 28900                                                   | 3.2                                             |                          |    |           |
| 9.4                                                      | 765                                                     | 147.32                | 28900                                                   | 3.5                                             |                          |    |           |
| 6.7                                                      | 1080                                                    | 135.28                | 18000                                                   | 1.45                                            | KB<br>KBF<br>KBA<br>KBAF | 70 | D90S6     |
| 7.0                                                      | 1020                                                    | 128.52                | 18200                                                   | 1.50                                            |                          |    |           |
| 7.9                                                      | 900                                                     | 113.56                | 18700                                                   | 1.70                                            |                          |    |           |
| 9.3                                                      | 770                                                     | 97.05                 | 19100                                                   | 2.0                                             |                          |    |           |
| 10                                                       | 710                                                     | 88.97                 | 19200                                                   | 2.2                                             |                          |    |           |
| 9.0                                                      | 800                                                     | 154.02                | 19000                                                   | 1.95                                            | KB<br>KBF<br>KBA<br>KBAF | 70 | D80N4     |
| 10                                                       | 700                                                     | 135.28                | 19300                                                   | 2.2                                             |                          |    |           |
| 11                                                       | 665                                                     | 128.52                | 19300                                                   | 2.3                                             |                          |    |           |
| 12                                                       | 590                                                     | 113.56                | 19500                                                   | 2.6                                             |                          |    |           |
| 14                                                       | 505                                                     | 97.05                 | 19700                                                   | 3.1                                             |                          |    |           |
| 11                                                       | 640                                                     | 123.54                | 11700                                                   | 1.30                                            | KB<br>KBF<br>KBA<br>KBAF | 60 | D80N4     |
| 13                                                       | 560                                                     | 108.03                | 12100                                                   | 1.45                                            |                          |    |           |
| 15                                                       | 465                                                     | 90.04                 | 12600                                                   | 1.75                                            |                          |    |           |
| 18                                                       | 395                                                     | 76.37                 | 12800                                                   | 2.1                                             |                          |    |           |
| 20                                                       | 360                                                     | 68.95                 | 13000                                                   | 2.3                                             | KB<br>KBF<br>KBA<br>KBAF | 60 | D80N4     |
| 23                                                       | 315                                                     | 60.66                 | 13000                                                   | 2.6                                             |                          |    |           |
| 24                                                       | 295                                                     | 57.28                 | 13000                                                   | 2.8                                             |                          |    |           |
| 23                                                       | 315                                                     | 60.66                 | 13000                                                   | 2.6                                             |                          |    |           |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model |     |          |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------|-----|----------|
| 0.75kW                                                   |                                                         |                       |                                                         |                                                 |              |     |          |
| 11                                                       | 645                                                     | 123.85                | 7130                                                    | 0.95                                            |              |     |          |
| 13                                                       | 560                                                     | 108.29                | 7940                                                    | 1.05                                            |              |     |          |
| 13                                                       | 535                                                     | 102.88                | 8160                                                    | 1.10                                            |              |     |          |
| 15                                                       | 470                                                     | 90.26                 | 8570                                                    | 1.30                                            | KB           | 50  | D80N4    |
| 18                                                       | 395                                                     | 76.56                 | 8890                                                    | 1.50                                            | KBF          | 50  | D80N4    |
| 20                                                       | 360                                                     | 69.12                 | 9060                                                    | 1.65                                            | KBA          | 50  | D80N4    |
| 23                                                       | 315                                                     | 60.81                 | 9230                                                    | 1.90                                            | KBAF         | 50  | D80N4    |
| 24                                                       | 300                                                     | 57.42                 | 9290                                                    | 2.0                                             |              |     |          |
| 28                                                       | 255                                                     | 48.89                 | 9450                                                    | 2.4                                             |              |     |          |
| 31                                                       | 230                                                     | 44.43                 | 9530                                                    | 2.6                                             |              |     |          |
| 18                                                       | 390                                                     | 75.20                 | 6060                                                    | 1.00                                            | KB           | 40  | D80N4    |
| 20                                                       | 365                                                     | 69.84                 | 6410                                                    | 1.10                                            | KBF          | 40  | D80N4    |
| 22                                                       | 330                                                     | 63.30                 | 6790                                                    | 1.20                                            | KBA          | 40  | D80N4    |
|                                                          |                                                         |                       |                                                         |                                                 | KBAF         | 40  | D80N4    |
| 24                                                       | 295                                                     | 56.83                 | 7110                                                    | 1.35                                            |              |     |          |
| 28                                                       | 255                                                     | 48.95                 | 7430                                                    | 1.55                                            | KB           | 40  | D80N4    |
| 30                                                       | 240                                                     | 46.03                 | 7540                                                    | 1.65                                            | KBF          | 40  | D80N4    |
| 35                                                       | 205                                                     | 39.61                 | 7740                                                    | 1.95                                            | KBA          | 40  | D80N4    |
| 39                                                       | 184                                                     | 35.39                 | 7760                                                    | 2.2                                             | KBAF         | 40  | D80N4    |
| 44                                                       | 162                                                     | 31.30                 | 7550                                                    | 2.5                                             |              |     |          |
| 31                                                       | 230                                                     | 44.46                 | 4170                                                    | 0.85                                            |              |     |          |
| 36                                                       | 197                                                     | 37.97                 | 4150                                                    | 1.00                                            |              |     |          |
| 39                                                       | 185                                                     | 35.57                 | 4140                                                    | 1.10                                            |              |     |          |
| 46                                                       | 156                                                     | 29.96                 | 4080                                                    | 1.30                                            |              |     |          |
| 48                                                       | 150                                                     | 28.83                 | 4060                                                    | 1.35                                            |              |     |          |
| 55                                                       | 130                                                     | 24.99                 | 3990                                                    | 1.55                                            |              |     |          |
| 59                                                       | 121                                                     | 23.36                 | 3950                                                    | 1.60                                            | KB           | 30  | D80N4    |
| 68                                                       | 105                                                     | 20.19                 | 3860                                                    | 1.75                                            | KBF          | 30  | D80N4    |
| 80                                                       | 89                                                      | 17.15                 | 3750                                                    | 2.0                                             | KBA          | 30  | D80N4    |
| 90                                                       | 80                                                      | 15.31                 | 3670                                                    | 2.2                                             | KBAF         | 30  | D80N4    |
| 105                                                      | 68                                                      | 13.08                 | 3550                                                    | 2.4                                             |              |     |          |
| 114                                                      | 63                                                      | 12.14                 | 3500                                                    | 2.5                                             |              |     |          |
| 132                                                      | 54                                                      | 10.49                 | 3380                                                    | 2.9                                             |              |     |          |
| 155                                                      | 46                                                      | 8.91                  | 3250                                                    | 3.5                                             |              |     |          |
| 173                                                      | 41                                                      | 7.96                  | 3160                                                    | 3.8                                             |              |     |          |
| 203                                                      | 35                                                      | 6.80                  | 3030                                                    | 4.2                                             |              |     |          |
| 217                                                      | 33                                                      | 6.37                  | 2980                                                    | 4.4                                             |              |     |          |
| 257                                                      | 28                                                      | 5.36                  | 2840                                                    | 5.0                                             |              |     |          |
| 1.1kW                                                    |                                                         |                       |                                                         |                                                 |              |     |          |
| 0.15                                                     | 60700                                                   | 9363                  | 171000                                                  | 0.80                                            |              |     |          |
| 0.17                                                     | 52400                                                   | 8126                  | 185900                                                  | 0.95                                            |              |     |          |
| 0.19                                                     | 48300                                                   | 7343                  | 190000                                                  | 1.05                                            |              |     |          |
| 0.21                                                     | 44300                                                   | 6747                  | 190000                                                  | 1.15                                            | KB           | 180 | H90D90S4 |
| 0.23                                                     | 39200                                                   | 5991                  | 190000                                                  | 1.30                                            |              |     |          |
| 0.26                                                     | 34900                                                   | 5358                  | 190000                                                  | 1.45                                            |              |     |          |
| 0.29                                                     | 31200                                                   | 4817                  | 190000                                                  | 1.60                                            |              |     |          |
| 0.32                                                     | 28300                                                   | 4370                  | 190000                                                  | 1.75                                            |              |     |          |
| 0.26                                                     | 35000                                                   | 5355                  | 150000                                                  | 0.90                                            |              |     |          |
| 0.29                                                     | 31200                                                   | 4788                  | 150000                                                  | 1.05                                            |              |     |          |
| 0.34                                                     | 26800                                                   | 4079                  | 150000                                                  | 1.20                                            | KB           | 160 | H90D90S4 |
| 0.41                                                     | 22200                                                   | 3376                  | 150000                                                  | 1.45                                            |              |     |          |
| 0.51                                                     | 18000                                                   | 2755                  | 150000                                                  | 1.80                                            |              |     |          |
| 0.64                                                     | 14600                                                   | 2182                  | 150000                                                  | 2.2                                             |              |     |          |
| 0.82                                                     | 11300                                                   | 1704                  | 150000                                                  | 2.8                                             | KB           | 160 | H90D90S4 |
| 0.99                                                     | 9330                                                    | 1408                  | 150000                                                  | 3.4                                             |              |     |          |
| 1.1                                                      | 8560                                                    | 1296                  | 150000                                                  | 3.7                                             |              |     |          |



| 输出<br>转速<br>Output<br>speed<br>n <sub>e</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model |    |        |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------|----|--------|
| 1.1kW                                                    |                                                         |                       |                                                         |                                                 |              |    |        |
| 8.0                                                      | 1310                                                    | 174.19                | 28600                                                   | 2.1                                             | KB           | 80 | D90S4  |
| 8.5                                                      | 1230                                                    | 164.34                | 28700                                                   | 2.2                                             | KBF          | 80 | D90S4  |
| 9.5                                                      | 1110                                                    | 147.32                | 28700                                                   | 2.4                                             | KBA          | 80 | D90S4  |
| 11                                                       | 950                                                     | 126.91                | 28800                                                   | 2.8                                             | KBAF         | 80 | D90S4  |
| 12                                                       | 870                                                     | 115.82                | 28800                                                   | 3.1                                             |              |    |        |
|                                                          |                                                         |                       |                                                         |                                                 |              |    |        |
| 6.8                                                      | 1540                                                    | 135.28                | 15400                                                   | 1.00                                            | KB           | 70 | D90L6  |
| 7.2                                                      | 1470                                                    | 128.52                | 15900                                                   | 1.05                                            | KBF          | 70 | D90L6  |
| 8.1                                                      | 1300                                                    | 113.56                | 17000                                                   | 1.20                                            | KBA          | 70 | D90L6  |
| 9.5                                                      | 1110                                                    | 97.05                 | 17900                                                   | 1.40                                            | KBAF         | 70 | D90L6  |
|                                                          |                                                         |                       |                                                         |                                                 |              |    |        |
| 10                                                       | 1020                                                    | 135.28                | 18300                                                   | 1.55                                            | KB           | 70 | D90S4  |
| 11                                                       | 960                                                     | 128.52                | 18400                                                   | 1.60                                            | KBF          | 70 | D90S4  |
| 12                                                       | 850                                                     | 113.56                | 18800                                                   | 1.80                                            | KBA          | 70 | D90S4  |
|                                                          |                                                         |                       |                                                         |                                                 | KBAF         | 70 | D90S4  |
|                                                          |                                                         |                       |                                                         |                                                 |              |    |        |
| 14                                                       | 730                                                     | 97.05                 | 19200                                                   | 2.1                                             | KB           | 70 | D90S4  |
| 16                                                       | 670                                                     | 88.97                 | 19300                                                   | 2.3                                             | KBF          | 70 | D90S4  |
| 18                                                       | 585                                                     | 78.07                 | 19500                                                   | 2.7                                             | KBA          | 70 | D90S4  |
| 19                                                       | 555                                                     | 73.99                 | 19600                                                   | 2.8                                             | KBAF         | 70 | D90S4  |
|                                                          |                                                         |                       |                                                         |                                                 |              |    |        |
| 13                                                       | 810                                                     | 108.03                | 10400                                                   | 1.00                                            |              |    |        |
| 14                                                       | 770                                                     | 102.62                | 10700                                                   | 1.05                                            | KB           | 60 | D90S4  |
| 16                                                       | 675                                                     | 90.04                 | 11400                                                   | 1.20                                            | KBF          | 60 | D90S4  |
| 18                                                       | 575                                                     | 76.37                 | 12000                                                   | 1.45                                            | KBA          | 60 | D90S4  |
| 20                                                       | 515                                                     | 68.95                 | 12300                                                   | 1.60                                            | KBAF         | 60 | D90S4  |
|                                                          |                                                         |                       |                                                         |                                                 |              |    |        |
| 23                                                       | 455                                                     | 60.66                 | 12600                                                   | 1.80                                            |              |    |        |
| 24                                                       | 430                                                     | 57.28                 | 12700                                                   | 1.90                                            | KB           | 60 | D90S4  |
| 29                                                       | 365                                                     | 48.77                 | 12900                                                   | 2.2                                             | KBF          | 60 | D90S4  |
| 32                                                       | 335                                                     | 44.32                 | 13000                                                   | 2.5                                             | KBA          | 60 | D90S4  |
| 36                                                       | 290                                                     | 38.39                 | 13000                                                   | 2.8                                             | KBAF         | 60 | D90S4  |
|                                                          |                                                         |                       |                                                         |                                                 |              |    |        |
| 16                                                       | 675                                                     | 90.26                 | 2410                                                    | 0.90                                            |              |    |        |
| 18                                                       | 575                                                     | 76.56                 | 7840                                                    | 1.05                                            |              |    |        |
| 20                                                       | 520                                                     | 69.12                 | 8280                                                    | 1.15                                            |              |    |        |
| 23                                                       | 455                                                     | 60.81                 | 8630                                                    | 1.30                                            | KB           | 50 | D90S4  |
| 24                                                       | 430                                                     | 57.42                 | 8750                                                    | 1.40                                            | KBF          | 50 | D90S4  |
| 29                                                       | 365                                                     | 48.89                 | 9020                                                    | 1.65                                            | KBA          | 50 | D90S4  |
| 32                                                       | 335                                                     | 44.43                 | 9160                                                    | 1.80                                            | KBAF         | 50 | D90S4  |
| 36                                                       | 290                                                     | 38.49                 | 9330                                                    | 2.1                                             |              |    |        |
| 39                                                       | 270                                                     | 35.70                 | 9400                                                    | 2.2                                             |              |    |        |
| 46                                                       | 225                                                     | 30.28                 | 9540                                                    | 2.6                                             |              |    |        |
| 51                                                       | 205                                                     | 27.34                 | 9510                                                    | 2.9                                             |              |    |        |
|                                                          |                                                         |                       |                                                         |                                                 |              |    |        |
| 58                                                       | 181                                                     | 24.05                 | 9220                                                    | 3.3                                             |              |    |        |
| 62                                                       | 170                                                     | 22.71                 | 9090                                                    | 3.5                                             |              |    |        |
| 72                                                       | 145                                                     | 19.34                 | 8720                                                    | 4.0                                             |              |    |        |
| 80                                                       | 132                                                     | 17.57                 | 8510                                                    | 4.2                                             | KB           | 50 | D90S4  |
| 92                                                       | 114                                                     | 15.22                 | 8180                                                    | 4.7                                             | KBF          | 50 | D90S4  |
| 106                                                      | 99                                                      | 13.25                 | 7880                                                    | 5.1                                             | KBA          | 50 | D90S4  |
| 117                                                      | 90                                                      | 11.92                 | 7570                                                    | 4.6                                             | KBAF         | 50 | D90S4  |
| 124                                                      | 85                                                      | 11.26                 | 7450                                                    | 4.9                                             |              |    |        |
| 146                                                      | 72                                                      | 9.59                  | 7120                                                    | 5.6                                             |              |    |        |
| 161                                                      | 65                                                      | 8.71                  | 6930                                                    | 6.0                                             |              |    |        |
| 186                                                      | 57                                                      | 7.55                  | 6650                                                    | 6.4                                             |              |    |        |
| 213                                                      | 49                                                      | 6.57                  | 6380                                                    | 7.0                                             |              |    |        |
|                                                          |                                                         |                       |                                                         |                                                 |              |    |        |
| 25                                                       | 425                                                     | 56.83                 | 3310                                                    | 0.95                                            | KB           | 40 | D90S4  |
| 29                                                       | 365                                                     | 48.95                 | 6360                                                    | 1.10                                            | KBF          | 40 | D90S4  |
| 30                                                       | 345                                                     | 46.03                 | 6610                                                    | 1.15                                            | KBA          | 40 | D90S4  |
|                                                          |                                                         |                       |                                                         |                                                 | KBAF         | 40 | D90S4  |
|                                                          |                                                         |                       |                                                         |                                                 |              |    |        |
| 35                                                       | 295                                                     | 39.61                 | 7090                                                    | 1.35                                            |              |    |        |
| 40                                                       | 265                                                     | 35.39                 | 7090                                                    | 1.50                                            | KB           | 40 | D90S4  |
| 45                                                       | 235                                                     | 31.30                 | 6960                                                    | 1.70                                            | KBF          | 40 | D90S4* |
| 48                                                       | 220                                                     | 29.32                 | 6890                                                    | 1.80                                            | KBA          | 40 | D90S4* |
| 54                                                       | 194                                                     | 25.91                 | 6730                                                    | 2.1                                             | KBAF         | 40 | D90S4* |
| 64                                                       | 164                                                     | 21.81                 | 6510                                                    | 2.4                                             |              |    |        |
| 72                                                       | 147                                                     | 19.58                 | 6360                                                    | 2.7                                             |              |    |        |

| 输出<br>转速<br>Output<br>speed<br>n <sub>e</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model             |                          |                                                  |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------------------|--------------------------|--------------------------------------------------|
| 1.1kW                                                    |                                                         |                       |                                                         |                                                 |                          |                          |                                                  |
| 47                                                       | 225                                                     | 29.96                 | 3420                                                    | 0.90                                            |                          |                          |                                                  |
| 56                                                       | 188                                                     | 24.99                 | 3440                                                    | 1.05                                            |                          |                          |                                                  |
| 60                                                       | 175                                                     | 23.36                 | 3440                                                    | 1.10                                            |                          |                          |                                                  |
| 69                                                       | 152                                                     | 20.19                 | 3420                                                    | 1.20                                            |                          |                          |                                                  |
| 82                                                       | 129                                                     | 17.15                 | 3370                                                    | 1.40                                            |                          |                          |                                                  |
| 91                                                       | 115                                                     | 15.31                 | 3330                                                    | 1.50                                            | KB                       | 30                       | D90S4                                            |
| 107                                                      | 98                                                      | 13.08                 | 3260                                                    | 1.70                                            | KBF                      | 30                       | D90S4                                            |
| 115                                                      | 91                                                      | 12.14                 | 3220                                                    | 1.75                                            | KBA                      | 30                       | D90S4                                            |
| 133                                                      | 79                                                      | 10.49                 | 3140                                                    | 2.0                                             | KBAF                     | 30                       | D90S4                                            |
| 157                                                      | 67                                                      | 8.91                  | 3040                                                    | 2.4                                             |                          |                          |                                                  |
| 176                                                      | 60                                                      | 7.96                  | 2970                                                    | 2.6                                             |                          |                          |                                                  |
| 206                                                      | 51                                                      | 6.80                  | 2870                                                    | 2.9                                             |                          |                          |                                                  |
| 220                                                      | 48                                                      | 6.37                  | 2830                                                    | 3.0                                             |                          |                          |                                                  |
| 261                                                      | 40                                                      | 5.36                  | 2720                                                    | 3.5                                             |                          |                          |                                                  |
| 1.5kW                                                    |                                                         |                       |                                                         |                                                 |                          |                          |                                                  |
| 0.21                                                     | 60700                                                   | 6747                  | 171100                                                  | 0.80                                            |                          |                          |                                                  |
| 0.24                                                     | 53700                                                   | 5991                  | 183600                                                  | 0.95                                            |                          |                          |                                                  |
| 0.26                                                     | 47900                                                   | 5358                  | 190000                                                  | 1.05                                            | KB                       | 180                      | H90 D90L4                                        |
| 0.29                                                     | 42900                                                   | 4817                  | 190000                                                  | 1.15                                            |                          |                          |                                                  |
| 0.32                                                     | 38900                                                   | 4370                  | 190000                                                  | 1.30                                            |                          |                          |                                                  |
| 0.39                                                     | 33000                                                   | 3609                  | 190000                                                  | 1.50                                            |                          |                          |                                                  |
| 0.46                                                     | 27800                                                   | 3062                  | 190000                                                  | 1.80                                            |                          |                          |                                                  |
| 0.56                                                     | 22800                                                   | 2519                  | 190000                                                  | 2.2                                             | KB                       | 180                      | H90 D90L4                                        |
| 0.62                                                     | 20400                                                   | 2268                  | 190000                                                  | 2.5                                             |                          |                          |                                                  |
| 0.35                                                     | 36700                                                   | 4079                  | 150000                                                  | 0.85                                            |                          |                          |                                                  |
| 0.42                                                     | 30400                                                   | 3376                  | 150000                                                  | 1.05                                            | KB                       | 160                      | H90 D90L4                                        |
| 0.51                                                     | 24700                                                   | 2755                  | 150000                                                  | 1.30                                            |                          |                          |                                                  |
| 0.65                                                     | 19900                                                   | 2182                  | 150000                                                  | 1.60                                            |                          |                          |                                                  |
| 0.83                                                     | 15500                                                   | 1704                  | 150000                                                  | 2.1                                             |                          |                          |                                                  |
| 1.0                                                      | 12800                                                   | 1408                  | 150000                                                  | 2.5                                             | KB                       | 160                      | H90 D90L4                                        |
| 1.1                                                      | 11800                                                   | 1296                  | 150000                                                  | 2.7                                             |                          |                          |                                                  |
| 0.61                                                     | 20700                                                   | 2322                  | 110700                                                  | 1.85                                            | KB<br>KBF<br>KBA<br>KBAF | 150<br>150<br>150<br>150 | H90 D90L4<br>H90 D90L4<br>H90 D90L4<br>H90 D90L4 |
| 0.85                                                     | 15100                                                   | 1659                  | 113500                                                  | 1.20                                            |                          |                          |                                                  |
| 1.0                                                      | 12300                                                   | 1365                  | 114600                                                  | 1.45                                            |                          |                          |                                                  |
| 1.1                                                      | 11100                                                   | 1229                  | 115000                                                  | 1.65                                            | KB                       | 150                      | H90 D90L4                                        |
| 1.3                                                      | 9840                                                    | 1093                  | 115300                                                  | 1.85                                            | KBF                      | 150                      | H90 D90L4                                        |
| 1.5                                                      | 8480                                                    | 942                   | 115700                                                  | 2.1                                             | KBA                      | 150                      | H90 D90L4                                        |
| 1.6                                                      | 7650                                                    | 854                   | 115900                                                  | 2.3                                             | KBAF                     | 150                      | H90 D90L4                                        |
| 2.5                                                      | 5050                                                    | 567                   | 116300                                                  | 3.6                                             |                          |                          |                                                  |
| 2.8                                                      | 4490                                                    | 504                   | 116400                                                  | 4.0                                             |                          |                          |                                                  |
| 2.6                                                      | 4820                                                    | 536                   | 82300                                                   | 2.7                                             | KB<br>KBF<br>KBA<br>KBAF | 120<br>120<br>120<br>120 | H80 D90L4<br>H80 D90L4<br>H80 D90L4<br>H80 D90L4 |
| 3.4                                                      | 3770                                                    | 418                   | 82500                                                   | 3.5                                             |                          |                          |                                                  |
| 3.8                                                      | 3330                                                    | 367                   | 82600                                                   | 3.9                                             |                          |                          |                                                  |
| 0.80                                                     | 16200                                                   | 1757                  | 73400                                                   | 0.80                                            |                          |                          |                                                  |
| 0.91                                                     | 14200                                                   | 1541                  | 77500                                                   | 0.90                                            |                          |                          |                                                  |
| 1.0                                                      | 12400                                                   | 1342                  | 79500                                                   | 1.05                                            |                          |                          |                                                  |
| 1.2                                                      | 10900                                                   | 1177                  | 80300                                                   | 1.20                                            |                          |                          |                                                  |
| 1.4                                                      | 9470                                                    | 1025                  | 80900                                                   | 1.35                                            | KB                       | 120                      | H70 D90L4                                        |
| 1.6                                                      | 8300                                                    | 899                   | 81400                                                   | 1.55                                            | KBF                      | 120                      | H70 D90L4                                        |
| 1.8                                                      | 7210                                                    | 790                   | 81700                                                   | 1.80                                            | KBA                      | 120                      | H70 D90L4                                        |
| 2.0                                                      | 6480                                                    | 704                   | 81900                                                   | 2.0                                             | KBAF                     | 120                      | H70 D90L4                                        |
| 2.3                                                      | 5590                                                    | 610                   | 82200                                                   | 2.3                                             |                          |                          |                                                  |
| 2.6                                                      | 5040                                                    | 549                   | 82300                                                   | 2.6                                             |                          |                          |                                                  |
| 3.0                                                      | 4360                                                    | 477                   | 82400                                                   | 3.0                                             |                          |                          |                                                  |
| 3.4                                                      | 3840                                                    | 418                   | 82500                                                   | 3.4                                             |                          |                          |                                                  |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model |     |           |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------|-----|-----------|
| 1.5kW                                                    |                                                         |                       |                                                         |                                                 |              |     |           |
| 1.4                                                      | 9460                                                    | 1030                  | 65000                                                   | 0.85                                            |              |     |           |
| 1.6                                                      | 8280                                                    | 904                   | 65000                                                   | 0.95                                            |              |     |           |
| 1.8                                                      | 7330                                                    | 739                   | 65000                                                   | 1.10                                            |              |     |           |
| 2.0                                                      | 6420                                                    | 696                   | 65000                                                   | 1.25                                            | KB           | 100 | H70 D90L4 |
| 2.3                                                      | 5640                                                    | 615                   | 65000                                                   | 1.40                                            | KBF          | 100 | H70 D90L4 |
| 2.7                                                      | 4780                                                    | 522                   | 65000                                                   | 1.65                                            | KBA          | 100 | H70 D90L4 |
| 3.1                                                      | 4210                                                    | 461                   | 65000                                                   | 1.90                                            | KBAF         | 100 | H70 D90L4 |
| 3.5                                                      | 3720                                                    | 408                   | 65000                                                   | 2.2                                             |              |     |           |
| 3.9                                                      | 3350                                                    | 364                   | 65000                                                   | 2.4                                             |              |     |           |
| 4.4                                                      | 2920                                                    | 318                   | 65000                                                   | 2.7                                             |              |     |           |
|                                                          |                                                         |                       |                                                         |                                                 |              |     |           |
| 2.5                                                      | 5320                                                    | 573                   | 39500                                                   | 0.80                                            |              |     |           |
| 2.8                                                      | 4650                                                    | 504                   | 40000                                                   | 0.95                                            |              |     |           |
| 3.2                                                      | 4020                                                    | 437                   | 40000                                                   | 1.05                                            | KB           | 90  | H50 D90L4 |
| 3.7                                                      | 3540                                                    | 382                   | 40000                                                   | 1.20                                            | KBF          | 90  | H50 D90L4 |
| 4.1                                                      | 3140                                                    | 342                   | 40000                                                   | 1.35                                            | KBA          | 90  | H50 D90L4 |
| 4.6                                                      | 2820                                                    | 305                   | 40000                                                   | 1.50                                            | KBAF         | 90  | H50 D90L4 |
| 5.5                                                      | 2380                                                    | 258                   | 40000                                                   | 1.80                                            |              |     |           |
| 6.1                                                      | 2140                                                    | 232                   | 40000                                                   | 2.0                                             |              |     |           |
| 7.1                                                      | 1840                                                    | 199                   | 40000                                                   | 2.3                                             |              |     |           |
|                                                          |                                                         |                       |                                                         |                                                 |              |     |           |
| 4.3                                                      | 3040                                                    | 330                   | 26800                                                   | 0.90                                            |              |     |           |
| 4.8                                                      | 2700                                                    | 294                   | 27300                                                   | 1.00                                            | KB           | 80  | H50 D90L4 |
| 5.6                                                      | 2310                                                    | 250                   | 27700                                                   | 1.15                                            | KBF          | 80  | H50 D90L4 |
| 6.0                                                      | 2180                                                    | 236                   | 27900                                                   | 1.25                                            | KBA          | 80  | H50 D90L4 |
| 7.0                                                      | 1860                                                    | 201                   | 28200                                                   | 1.45                                            | KBAF         | 80  | H50 D90L4 |
| 7.7                                                      | 1690                                                    | 183                   | 28300                                                   | 1.60                                            |              |     |           |
|                                                          |                                                         |                       |                                                         |                                                 |              |     |           |
| 4.9                                                      | 2940                                                    | 143.47                | 65000                                                   | 2.7                                             | KB           | 100 | D112M     |
| 5.8                                                      | 2490                                                    | 121.46                | 65000                                                   | 3.2                                             | KBF          | 100 | D112M     |
| 6.2                                                      | 2300                                                    | 112.41                | 65000                                                   | 3.5                                             | KBA          | 100 | D112M     |
|                                                          |                                                         |                       |                                                         |                                                 | KBAF         | 100 | D112M     |
|                                                          |                                                         |                       |                                                         |                                                 |              |     |           |
| 4.6                                                      | 3140                                                    | 153.21                | 40000                                                   | 1.35                                            | KB           | 90  | D112M     |
| 5.0                                                      | 2870                                                    | 140.28                | 40000                                                   | 1.50                                            | KBF          | 90  | D112M     |
| 5.7                                                      | 2540                                                    | 123.93                | 40000                                                   | 1.70                                            | KBA          | 90  | D112M     |
|                                                          |                                                         |                       |                                                         |                                                 | KBAF         | 90  | D112M     |
|                                                          |                                                         |                       |                                                         |                                                 |              |     |           |
| 5.2                                                      | 2740                                                    | 176.05                | 40000                                                   | 1.55                                            | KB           | 90  | D100M     |
| 6.0                                                      | 2390                                                    | 153.21                | 40000                                                   | 1.80                                            | KBF          | 90  | D100M     |
| 6.6                                                      | 2180                                                    | 140.28                | 40000                                                   | 1.95                                            | KBA          | 90  | D100M     |
| 7.4                                                      | 1930                                                    | 123.93                | 40000                                                   | 2.2                                             | KBAF         | 90  | D100M     |
|                                                          |                                                         |                       |                                                         |                                                 |              |     |           |
| 8.0                                                      | 1790                                                    | 176.05                | 40000                                                   | 2.4                                             | KB           | 90  | D90L4     |
| 9.2                                                      | 1560                                                    | 153.21                | 40000                                                   | 2.8                                             | KBF          | 90  | D90L4     |
| 10                                                       | 1430                                                    | 140.28                | 40000                                                   | 3.0                                             | KBA          | 90  | D90L4     |
| 11                                                       | 1260                                                    | 123.93                | 40000                                                   | 3.4                                             | KBAF         | 90  | D90L4     |
|                                                          |                                                         |                       |                                                         |                                                 |              |     |           |
| 6.2                                                      | 2290                                                    | 147.32                | 27800                                                   | 1.20                                            | KB           | 80  | D100M     |
| 7.2                                                      | 1980                                                    | 126.91                | 28100                                                   | 1.35                                            | KBF          | 80  | D100M     |
| 7.9                                                      | 1800                                                    | 115.82                | 28200                                                   | 1.50                                            | KBA          | 80  | D100M     |
| 9.0                                                      | 1600                                                    | 102.71                | 28400                                                   | 1.70                                            | KBAF         | 80  | D100M     |
|                                                          |                                                         |                       |                                                         |                                                 |              |     |           |
| 8.1                                                      | 1770                                                    | 174.19                | 28300                                                   | 1.55                                            |              |     |           |
| 8.6                                                      | 1670                                                    | 164.34                | 28300                                                   | 1.60                                            | KB           | 80  | D90L4     |
| 9.6                                                      | 1500                                                    | 147.32                | 28500                                                   | 1.80                                            | KBF          | 80  | D90L4     |
| 11                                                       | 1290                                                    | 126.91                | 28600                                                   | 2.1                                             | KBA          | 80  | D90L4     |
| 12                                                       | 1180                                                    | 115.82                | 28700                                                   | 2.3                                             | KBAF         | 80  | D90L4     |
| 14                                                       | 1040                                                    | 102.71                | 28800                                                   | 2.6                                             |              |     |           |
| 16                                                       | 880                                                     | 86.34                 | 28800                                                   | 3.1                                             |              |     |           |
|                                                          |                                                         |                       |                                                         |                                                 |              |     |           |
| 8.1                                                      | 1770                                                    | 113.56                | 13600                                                   | 0.90                                            | KB           | 70  | D100M     |
| 9.5                                                      | 1510                                                    | 97.05                 | 15700                                                   | 1.05                                            | KBF          | 70  | D100M     |
| 10                                                       | 1390                                                    | 88.97                 | 16400                                                   | 1.10                                            | KBA          | 70  | D100M     |
| 12                                                       | 1220                                                    | 78.07                 | 17400                                                   | 1.30                                            | KBAF         | 70  | D100M     |
|                                                          |                                                         |                       |                                                         |                                                 |              |     |           |
| 10                                                       | 1370                                                    | 135.28                | 16500                                                   | 1.15                                            | KB           | 70  | D90L4     |
| 11                                                       | 1310                                                    | 128.52                | 16900                                                   | 1.20                                            | KBF          | 70  | D90L4     |
| 12                                                       | 1150                                                    | 113.56                | 17700                                                   | 1.35                                            | KBA          | 70  | D90L4     |
| 15                                                       | 990                                                     | 97.05                 | 18400                                                   | 1.55                                            | KBAF         | 70  | D90L4     |
| 16                                                       | 900                                                     | 88.97                 | 18700                                                   | 1.70                                            |              |     |           |



| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model                    |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|---------------------------------|
| <b>2.2kW</b>                                             |                                                         |                       |                                                         |                                                 |                                 |
| 0.65                                                     | 29500                                                   | 2182                  | 150000                                                  | 1.10                                            | <b>KB</b> <b>160 H90 D100M4</b> |
| 0.83                                                     | 22900                                                   | 1704                  | 150000                                                  | 1.40                                            |                                 |
| 1.0                                                      | 19000                                                   | 1408                  | 150000                                                  | 1.70                                            |                                 |
| 1.1                                                      | 17400                                                   | 1296                  | 150000                                                  | 1.85                                            |                                 |
| 1.3                                                      | 14700                                                   | 1101                  | 150000                                                  | 2.2                                             |                                 |
| 1.5                                                      | 12600                                                   | 944                   | 150000                                                  | 2.5                                             |                                 |
| 0.85                                                     | 22400                                                   | 1659                  | 109700                                                  | 0.80                                            | <b>KB</b> <b>150 H90 D100M4</b> |
| 1.0                                                      | 18300                                                   | 1365                  | 112000                                                  | 1.00                                            |                                 |
| 1.1                                                      | 16500                                                   | 1229                  | 112900                                                  | 1.10                                            |                                 |
| 1.3                                                      | 14600                                                   | 1093                  | 113700                                                  | 1.25                                            |                                 |
| 1.5                                                      | 12600                                                   | 942                   | 114500                                                  | 1.45                                            |                                 |
| 1.6                                                      | 11400                                                   | 854                   | 114900                                                  | 1.60                                            |                                 |
| 1.9                                                      | 9990                                                    | 756                   | 115300                                                  | 1.80                                            | <b>KB</b> <b>120 H80 D100M4</b> |
| 2.6                                                      | 7180                                                    | 536                   | 81700                                                   | 1.80                                            |                                 |
| 3.0                                                      | 6310                                                    | 473                   | 82000                                                   | 2.1                                             |                                 |
| 3.4                                                      | 5600                                                    | 418                   | 82200                                                   | 2.3                                             |                                 |
| 3.8                                                      | 4950                                                    | 367                   | 82300                                                   | 2.6                                             |                                 |
| 4.3                                                      | 4440                                                    | 330                   | 82400                                                   | 2.9                                             |                                 |
| 1.4                                                      | 14000                                                   | 1025                  | 78000                                                   | 0.95                                            | <b>KB</b> <b>120 H70 D100M4</b> |
| 1.6                                                      | 12200                                                   | 899                   | 79600                                                   | 1.05                                            |                                 |
| 1.8                                                      | 10700                                                   | 790                   | 80400                                                   | 1.20                                            |                                 |
| 2.0                                                      | 9580                                                    | 704                   | 80900                                                   | 1.35                                            |                                 |
| 2.3                                                      | 8280                                                    | 610                   | 81400                                                   | 1.55                                            |                                 |
| 2.6                                                      | 7460                                                    | 549                   | 81600                                                   | 1.75                                            |                                 |
| 3.0                                                      | 6460                                                    | 477                   | 81900                                                   | 2.0                                             | <b>KB</b> <b>100 H70 D100M4</b> |
| 3.4                                                      | 5680                                                    | 418                   | 82100                                                   | 2.3                                             |                                 |
| 2.3                                                      | 8340                                                    | 615                   | 65000                                                   | 0.95                                            |                                 |
| 2.7                                                      | 7070                                                    | 522                   | 65000                                                   | 1.15                                            |                                 |
| 3.1                                                      | 6230                                                    | 461                   | 65000                                                   | 1.30                                            |                                 |
| 3.5                                                      | 5520                                                    | 408                   | 65000                                                   | 1.45                                            |                                 |
| 3.9                                                      | 4940                                                    | 364                   | 65000                                                   | 1.60                                            | <b>KB</b> <b>90 H50 D100M4</b>  |
| 4.4                                                      | 4320                                                    | 318                   | 65000                                                   | 1.85                                            |                                 |
| 4.9                                                      | 3890                                                    | 286                   | 65000                                                   | 2.1                                             |                                 |
| 5.6                                                      | 3410                                                    | 251                   | 65000                                                   | 2.3                                             |                                 |
| 3.7                                                      | 5210                                                    | 382                   | 39700                                                   | 0.80                                            |                                 |
| 4.1                                                      | 4640                                                    | 342                   | 40000                                                   | 0.95                                            |                                 |
| 4.6                                                      | 4170                                                    | 305                   | 40000                                                   | 1.05                                            | <b>KB</b> <b>100 D132S8</b>     |
| 5.5                                                      | 3510                                                    | 258                   | 40000                                                   | 1.20                                            |                                 |
| 6.1                                                      | 3160                                                    | 232                   | 40000                                                   | 1.35                                            |                                 |
| 7.1                                                      | 2710                                                    | 199                   | 40000                                                   | 1.60                                            |                                 |
| 4.9                                                      | 4310                                                    | 143.47                | 65000                                                   | 1.85                                            |                                 |
| 5.8                                                      | 3650                                                    | 121.46                | 65000                                                   | 2.2                                             |                                 |
| 6.2                                                      | 3370                                                    | 112.41                | 65000                                                   | 2.4                                             | <b>KB</b> <b>90 D112M6</b>      |
| 6.9                                                      | 3020                                                    | 100.75                | 65000                                                   | 2.7                                             |                                 |
| 6.1                                                      | 3420                                                    | 153.21                | 40000                                                   | 1.25                                            |                                 |
| 6.7                                                      | 3140                                                    | 140.28                | 40000                                                   | 1.35                                            |                                 |
| 7.6                                                      | 2770                                                    | 123.93                | 40000                                                   | 1.55                                            |                                 |
| 8.9                                                      | 2350                                                    | 105.13                | 40000                                                   | 1.85                                            |                                 |
| 8.0                                                      | 2620                                                    | 176.05                | 40000                                                   | 1.65                                            | <b>KB</b> <b>80 D100M4</b>      |
| 9.2                                                      | 2280                                                    | 153.21                | 40000                                                   | 1.90                                            |                                 |
| 10                                                       | 2090                                                    | 140.28                | 40000                                                   | 2.1                                             |                                 |
| 11                                                       | 1850                                                    | 123.93                | 40000                                                   | 2.3                                             |                                 |
| 13                                                       | 1570                                                    | 105.13                | 40000                                                   | 2.8                                             |                                 |
| 15                                                       | 1440                                                    | 96.80                 | 40000                                                   | 3.0                                             |                                 |
| 9.6                                                      | 2200                                                    | 147.32                | 27900                                                   | 1.25                                            | <b>KB</b> <b>80 D100M4</b>      |
| 11                                                       | 1890                                                    | 126.91                | 28200                                                   | 1.45                                            |                                 |
| 12                                                       | 1730                                                    | 115.82                | 28300                                                   | 1.55                                            |                                 |
| 14                                                       | 1530                                                    | 102.71                | 28500                                                   | 1.75                                            |                                 |
| 16                                                       | 1290                                                    | 86.34                 | 28600                                                   | 2.1                                             |                                 |
| 18                                                       | 1180                                                    | 79.34                 | 28700                                                   | 2.3                                             |                                 |
| 20                                                       | 1050                                                    | 70.46                 | 28800                                                   | 2.6                                             | <b>KB</b> <b>80 D100M4</b>      |
| 22                                                       | 940                                                     | 63.00                 | 28800                                                   | 2.9                                             |                                 |

| 输出<br>转速<br>Output<br>speed<br>n <sub>e</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model             |                      |                                      |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------------------|----------------------|--------------------------------------|
| 2.2kW                                                    |                                                         |                       |                                                         |                                                 |                          |                      |                                      |
| 12                                                       | 1690                                                    | 113.56                | 14300                                                   | 0.90                                            | KB<br>KBF<br>KBA<br>KBAF | 70<br>70<br>70<br>70 | D100M4<br>D100M4<br>D100M4<br>D100M4 |
| 15                                                       | 1450                                                    | 97.05                 | 16100                                                   | 1.05                                            |                          |                      |                                      |
| 16                                                       | 1330                                                    | 88.97                 | 16800                                                   | 1.15                                            |                          |                      |                                      |
| 18                                                       | 1160                                                    | 78.07                 | 17600                                                   | 1.35                                            |                          |                      |                                      |
| 19                                                       | 1100                                                    | 73.99                 | 17900                                                   | 1.40                                            |                          |                      |                                      |
| 22                                                       | 960                                                     | 64.75                 | 18400                                                   | 1.60                                            |                          |                      |                                      |
| 24                                                       | 870                                                     | 58.34                 | 18800                                                   | 1.80                                            | KB<br>KBF<br>KBA<br>KBAF | 70<br>70<br>70<br>70 | D100M4<br>D100M4<br>D100M4<br>D100M4 |
| 28                                                       | 765                                                     | 51.18                 | 19100                                                   | 2.0                                             |                          |                      |                                      |
| 31                                                       | 675                                                     | 45.16                 | 19300                                                   | 2.3                                             |                          |                      |                                      |
| 35                                                       | 595                                                     | 40.04                 | 19500                                                   | 2.6                                             |                          |                      |                                      |
| 40                                                       | 525                                                     | 35.20                 | 19700                                                   | 3.0                                             |                          |                      |                                      |
| 46                                                       | 460                                                     | 30.89                 | 19800                                                   | 3.4                                             |                          |                      |                                      |
| 48                                                       | 435                                                     | 29.27                 | 19800                                                   | 3.6                                             |                          |                      |                                      |
| 55                                                       | 380                                                     | 25.62                 | 19900                                                   | 4.1                                             |                          |                      |                                      |
| 23                                                       | 900                                                     | 60.66                 | 9490                                                    | 0.90                                            | KB<br>KBF<br>KBA<br>KBAF | 60<br>60<br>60<br>60 | D100M4<br>D100M4<br>D100M4<br>D100M4 |
| 25                                                       | 850                                                     | 57.28                 | 10000                                                   | 0.95                                            |                          |                      |                                      |
| 29                                                       | 725                                                     | 48.77                 | 11100                                                   | 1.15                                            |                          |                      |                                      |
| 32                                                       | 660                                                     | 44.32                 | 11500                                                   | 1.25                                            |                          |                      |                                      |
| 37                                                       | 570                                                     | 38.39                 | 12100                                                   | 1.40                                            |                          |                      |                                      |
| 40                                                       | 530                                                     | 35.62                 | 12300                                                   | 1.55                                            |                          |                      |                                      |
| 47                                                       | 450                                                     | 30.22                 | 12600                                                   | 1.80                                            |                          |                      |                                      |
| 52                                                       | 405                                                     | 27.28                 | 12800                                                   | 2.0                                             | KB<br>KBF<br>KBA<br>KBAF | 60<br>60<br>60<br>60 | D100M4<br>D100M4<br>D100M4<br>D100M4 |
| 59                                                       | 360                                                     | 24.00                 | 13000                                                   | 2.2                                             |                          |                      |                                      |
| 62                                                       | 340                                                     | 22.66                 | 13000                                                   | 2.3                                             |                          |                      |                                      |
| 73                                                       | 285                                                     | 19.30                 | 13000                                                   | 2.6                                             |                          |                      |                                      |
| 80                                                       | 260                                                     | 17.54                 | 13000                                                   | 2.8                                             |                          |                      |                                      |
| 93                                                       | 225                                                     | 15.19                 | 13000                                                   | 3.1                                             |                          |                      |                                      |
| 107                                                      | 197                                                     | 13.22                 | 13000                                                   | 3.4                                             |                          |                      |                                      |
| 113                                                      | 186                                                     | 12.48                 | 13000                                                   | 2.8                                             |                          |                      |                                      |
| 133                                                      | 158                                                     | 10.63                 | 13000                                                   | 3.2                                             |                          |                      |                                      |
| 146                                                      | 144                                                     | 9.66                  | 13000                                                   | 3.3                                             |                          |                      |                                      |
| 169                                                      | 125                                                     | 8.37                  | 13000                                                   | 3.5                                             |                          |                      |                                      |
| 194                                                      | 109                                                     | 7.28                  | 12700                                                   | 3.9                                             |                          |                      |                                      |
| 32                                                       | 660                                                     | 44.43                 | 5100                                                    | 0.90                                            | KB<br>KBF<br>KBA<br>KBAF | 50<br>50<br>50<br>50 | D100M4<br>D100M4<br>D100M4<br>D100M4 |
| 37                                                       | 575                                                     | 38.49                 | 7850                                                    | 1.05                                            |                          |                      |                                      |
| 39                                                       | 530                                                     | 35.70                 | 8080                                                    | 1.15                                            |                          |                      |                                      |
| 47                                                       | 450                                                     | 30.28                 | 8250                                                    | 1.35                                            |                          |                      |                                      |
| 52                                                       | 405                                                     | 27.34                 | 8160                                                    | 1.45                                            | KB<br>KBF<br>KBA<br>KBAF | 50<br>50<br>50<br>50 | D100M4<br>D100M4<br>D100M4<br>D100M4 |
| 59                                                       | 360                                                     | 24.05                 | 8030                                                    | 1.65                                            |                          |                      |                                      |
| 62                                                       | 340                                                     | 22.71                 | 7970                                                    | 1.75                                            |                          |                      |                                      |
| 73                                                       | 290                                                     | 19.34                 | 7760                                                    | 2.0                                             |                          |                      |                                      |
| 80                                                       | 260                                                     | 17.57                 | 7630                                                    | 2.1                                             |                          |                      |                                      |
| 93                                                       | 225                                                     | 15.22                 | 7430                                                    | 2.4                                             |                          |                      |                                      |
| 106                                                      | 197                                                     | 13.25                 | 7220                                                    | 2.6                                             |                          |                      |                                      |
| 118                                                      | 178                                                     | 11.92                 | 6890                                                    | 2.3                                             |                          |                      |                                      |
| 125                                                      | 168                                                     | 11.26                 | 6810                                                    | 2.5                                             |                          |                      |                                      |
| 54                                                       | 385                                                     | 25.91                 | 5260                                                    | 1.05                                            | KB<br>KBF<br>KBA<br>KBAF | 40<br>40<br>40<br>40 | D100M4<br>D100M4<br>D100M4<br>D100M4 |
| 65                                                       | 325                                                     | 21.81                 | 5260                                                    | 1.25                                            |                          |                      |                                      |
| 72                                                       | 290                                                     | 19.58                 | 5240                                                    | 1.35                                            |                          |                      |                                      |
| 84                                                       | 250                                                     | 16.86                 | 5190                                                    | 1.50                                            | KB<br>KBF<br>KBA<br>KBAF | 40<br>40<br>40<br>40 | D100M4<br>D100M4<br>D100M4<br>D100M4 |
| 89                                                       | 235                                                     | 15.86                 | 5160                                                    | 1.60                                            |                          |                      |                                      |
| 103                                                      | 205                                                     | 13.56                 | 5070                                                    | 1.75                                            |                          |                      |                                      |
| 116                                                      | 182                                                     | 12.19                 | 4990                                                    | 1.95                                            |                          |                      |                                      |
| 120                                                      | 175                                                     | 11.77                 | 4890                                                    | 1.60                                            |                          |                      |                                      |
| 133                                                      | 157                                                     | 10.56                 | 4810                                                    | 1.80                                            |                          |                      |                                      |
| 155                                                      | 136                                                     | 9.10                  | 4690                                                    | 2.1                                             |                          |                      |                                      |
| 108                                                      | 195                                                     | 13.08                 | 2370                                                    | 0.85                                            | KB<br>KBF<br>KBA<br>KBAF | 30<br>30<br>30<br>30 | D100M4<br>D100M4<br>D100M4<br>D100M4 |
| 134                                                      | 156                                                     | 10.49                 | 2430                                                    | 1.00                                            |                          |                      |                                      |
| 158                                                      | 133                                                     | 8.91                  | 2440                                                    | 1.20                                            |                          |                      |                                      |
| 177                                                      | 119                                                     | 7.96                  | 2430                                                    | 1.30                                            |                          |                      |                                      |
| 207                                                      | 101                                                     | 6.80                  | 2410                                                    | 1.50                                            |                          |                      |                                      |
| 221                                                      | 95                                                      | 6.37                  | 2400                                                    | 1.55                                            |                          |                      |                                      |
| 263                                                      | 80                                                      | 5.36                  | 2350                                                    | 1.75                                            |                          |                      |                                      |
| 3.0kW                                                    |                                                         |                       |                                                         |                                                 |                          |                      |                                      |
| 0.50                                                     | 51300                                                   | 2818                  | 187700                                                  | 0.95                                            | KB                       | 180                  | D100M4                               |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model             |                                                                      |                          |                                                                      |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------------------|----------------------------------------------------------------------|--------------------------|----------------------------------------------------------------------|
| 3.0kW                                                    |                                                         |                       |                                                         |                                                 |                          |                                                                      |                          |                                                                      |
| 0.46                                                     | 57100                                                   | 3062                  | 177600                                                  | 0.90                                            | KB                       | 180 H90 D100L4                                                       |                          |                                                                      |
| 0.56                                                     | 46800                                                   | 2519                  | 190000                                                  | 1.05                                            |                          |                                                                      |                          |                                                                      |
| 0.62                                                     | 42100                                                   | 2268                  | 190000                                                  | 1.20                                            |                          |                                                                      |                          |                                                                      |
| 0.68                                                     | 38000                                                   | 2054                  | 190000                                                  | 1.30                                            |                          |                                                                      |                          |                                                                      |
| 0.77                                                     | 33600                                                   | 1821                  | 190000                                                  | 1.50                                            |                          |                                                                      |                          |                                                                      |
| 0.87                                                     | 29700                                                   | 1605                  | 190000                                                  | 1.70                                            |                          |                                                                      |                          |                                                                      |
| 1.0                                                      | 25600                                                   | 1395                  | 190000                                                  | 1.95                                            |                          |                                                                      |                          |                                                                      |
| 1.2                                                      | 22100                                                   | 1196                  | 190000                                                  | 2.3                                             |                          |                                                                      |                          |                                                                      |
| 0.82                                                     | 31700                                                   | 1704                  | 150000                                                  | 1.00                                            | KB                       | 160 H90 D100L4                                                       |                          |                                                                      |
| 0.99                                                     | 26200                                                   | 1408                  | 150000                                                  | 1.20                                            |                          |                                                                      |                          |                                                                      |
| 1.1                                                      | 24100                                                   | 1296                  | 150000                                                  | 1.35                                            |                          |                                                                      |                          |                                                                      |
| 1.3                                                      | 20300                                                   | 1101                  | 150000                                                  | 1.55                                            |                          |                                                                      |                          |                                                                      |
| 1.5                                                      | 17500                                                   | 944                   | 150000                                                  | 1.85                                            |                          |                                                                      |                          |                                                                      |
| 1.7                                                      | 15500                                                   | 843                   | 150000                                                  | 2.1                                             |                          |                                                                      |                          |                                                                      |
| 1.9                                                      | 14000                                                   | 757                   | 150000                                                  | 2.3                                             |                          |                                                                      |                          |                                                                      |
| 1.1                                                      | 22800                                                   | 1229                  | 109400                                                  | 0.80                                            |                          |                                                                      | KB<br>KBF<br>KBA<br>KBAF | 150 H90 D100L4<br>150 H90 D100L4<br>150 H90 D100L4<br>150 H90 D100L4 |
| 1.3                                                      | 20300                                                   | 1093                  | 111000                                                  | 0.90                                            |                          |                                                                      |                          |                                                                      |
| 1.5                                                      | 17500                                                   | 942                   | 112400                                                  | 1.05                                            |                          |                                                                      |                          |                                                                      |
| 1.6                                                      | 15800                                                   | 854                   | 113200                                                  | 1.15                                            |                          |                                                                      |                          |                                                                      |
| 1.9                                                      | 13900                                                   | 756                   | 114000                                                  | 1.30                                            |                          |                                                                      |                          |                                                                      |
| 2.5                                                      | 10500                                                   | 567                   | 115200                                                  | 1.70                                            |                          |                                                                      |                          |                                                                      |
| 2.8                                                      | 9310                                                    | 504                   | 115500                                                  | 1.95                                            |                          |                                                                      |                          |                                                                      |
| 2.6                                                      | 9940                                                    | 536                   | 80700                                                   | 1.30                                            | KB<br>KBF<br>KBA<br>KBAF | 120 H80 D100L4<br>120 H80 D100L4<br>120 H80 D100L4<br>120 H80 D100L4 |                          |                                                                      |
| 3.0                                                      | 8750                                                    | 473                   | 81200                                                   | 1.50                                            |                          |                                                                      |                          |                                                                      |
| 3.3                                                      | 7760                                                    | 418                   | 81500                                                   | 1.70                                            |                          |                                                                      |                          |                                                                      |
| 3.8                                                      | 6840                                                    | 367                   | 81800                                                   | 1.90                                            |                          |                                                                      |                          |                                                                      |
| 4.2                                                      | 6140                                                    | 330                   | 82000                                                   | 2.1                                             |                          |                                                                      |                          |                                                                      |
| 4.9                                                      | 5300                                                    | 287                   | 82200                                                   | 2.5                                             |                          |                                                                      |                          |                                                                      |
| 1.8                                                      | 14800                                                   | 790                   | 76500                                                   | 0.90                                            |                          |                                                                      | KB<br>KBF<br>KBA<br>KBAF | 120 H70 D100L4<br>120 H70 D100L4<br>120 H70 D100L4<br>120 H70 D100L4 |
| 2.0                                                      | 13200                                                   | 704                   | 79100                                                   | 1.00                                            |                          |                                                                      |                          |                                                                      |
| 2.3                                                      | 11400                                                   | 610                   | 80000                                                   | 1.15                                            |                          |                                                                      |                          |                                                                      |
| 2.5                                                      | 10300                                                   | 549                   | 80600                                                   | 1.25                                            |                          |                                                                      |                          |                                                                      |
| 2.9                                                      | 8920                                                    | 477                   | 81100                                                   | 1.45                                            |                          |                                                                      |                          |                                                                      |
| 3.3                                                      | 7840                                                    | 418                   | 81500                                                   | 1.65                                            |                          |                                                                      |                          |                                                                      |
| 3.0                                                      | 8610                                                    | 461                   | 65000                                                   | 0.95                                            | KB<br>KBF<br>KBA<br>KBAF | 100 H70 D100L4<br>100 H70 D100L4<br>100 H70 D100L4<br>100 H70 D100L4 |                          |                                                                      |
| 3.4                                                      | 7620                                                    | 408                   | 65000                                                   | 1.05                                            |                          |                                                                      |                          |                                                                      |
| 3.8                                                      | 6820                                                    | 364                   | 65000                                                   | 1.15                                            |                          |                                                                      |                          |                                                                      |
| 4.4                                                      | 5960                                                    | 318                   | 65000                                                   | 1.35                                            |                          |                                                                      |                          |                                                                      |
| 4.9                                                      | 5370                                                    | 286                   | 65000                                                   | 1.50                                            |                          |                                                                      |                          |                                                                      |
| 5.6                                                      | 4700                                                    | 251                   | 65000                                                   | 1.70                                            |                          |                                                                      |                          |                                                                      |
| 6.3                                                      | 4150                                                    | 222                   | 65000                                                   | 1.95                                            |                          |                                                                      |                          |                                                                      |
| 7.1                                                      | 3670                                                    | 196                   | 65000                                                   | 2.2                                             |                          |                                                                      |                          |                                                                      |
| 8.1                                                      | 3250                                                    | 174                   | 65000                                                   | 2.2                                             |                          |                                                                      |                          |                                                                      |
| 9.1                                                      | 2880                                                    | 154                   | 65000                                                   | 2.5                                             |                          |                                                                      |                          |                                                                      |
| 10                                                       | 2610                                                    | 140                   | 65000                                                   | 2.8                                             |                          |                                                                      |                          |                                                                      |
| 5.4                                                      | 4840                                                    | 258                   | 40000                                                   | 0.90                                            |                          |                                                                      | KB<br>KBF<br>KBA<br>KBAF | 90 H50 D100L4<br>90 H50 D100L4<br>90 H50 D100L4<br>90 H50 D100L4     |
| 6.0                                                      | 4360                                                    | 232                   | 40000                                                   | 1.00                                            |                          |                                                                      |                          |                                                                      |
| 7.0                                                      | 3740                                                    | 199                   | 40000                                                   | 1.15                                            |                          |                                                                      |                          |                                                                      |
|                                                          |                                                         |                       |                                                         |                                                 |                          |                                                                      |                          |                                                                      |
| 5.0                                                      | 5710                                                    | 143.47                | 65000                                                   | 1.40                                            | KB<br>KBF<br>KBA<br>KBAF | 100 D132M8<br>100 D132M8<br>100 D132M8<br>100 D132M8                 |                          |                                                                      |
| 5.9                                                      | 4830                                                    | 121.46                | 65000                                                   | 1.65                                            |                          |                                                                      |                          |                                                                      |
| 6.4                                                      | 4470                                                    | 112.41                | 65000                                                   | 1.80                                            |                          |                                                                      |                          |                                                                      |
| 7.2                                                      | 4010                                                    | 100.75                | 65000                                                   | 2.0                                             |                          |                                                                      |                          |                                                                      |
| 7.9                                                      | 3620                                                    | 90.96                 | 65000                                                   | 2.2                                             |                          |                                                                      |                          |                                                                      |
| 6.6                                                      | 4370                                                    | 143.47                | 65000                                                   | 1.85                                            | KB<br>KBF<br>KBA<br>KBAF | 100 D132S6<br>100 D132S6<br>100 D132S6<br>100 D132S6                 |                          |                                                                      |
| 7.7                                                      | 3700                                                    | 121.46                | 65000                                                   | 2.2                                             |                          |                                                                      |                          |                                                                      |
| 8.4                                                      | 3430                                                    | 112.41                | 65000                                                   | 2.3                                             |                          |                                                                      |                          |                                                                      |
| 9.3                                                      | 3070                                                    | 100.75                | 65000                                                   | 2.6                                             |                          |                                                                      |                          |                                                                      |
|                                                          |                                                         |                       |                                                         |                                                 |                          |                                                                      |                          |                                                                      |
| 9.8                                                      | 2940                                                    | 143.47                | 65000                                                   | 2.7                                             | KB<br>KBF<br>KBA<br>KBAF | 100 D100L4<br>100 D100L4<br>100 D100L4<br>100 D100L4                 |                          |                                                                      |
| 12                                                       | 2490                                                    | 121.46                | 65000                                                   | 3.2                                             |                          |                                                                      |                          |                                                                      |
|                                                          |                                                         |                       |                                                         |                                                 |                          |                                                                      |                          |                                                                      |
|                                                          |                                                         |                       |                                                         |                                                 |                          |                                                                      |                          |                                                                      |
| 7.6                                                      | 3780                                                    | 123.93                | 40000                                                   | 1.15                                            | KB<br>KBF<br>KBA<br>KBAF | 90 D132S6<br>90 D132S6<br>90 D132S6<br>90 D132S6                     |                          |                                                                      |
| 8.9                                                      | 3200                                                    | 105.13                | 40000                                                   | 1.35                                            |                          |                                                                      |                          |                                                                      |
| 9.7                                                      | 2950                                                    | 96.80                 | 40000                                                   | 1.45                                            |                          |                                                                      |                          |                                                                      |
| 11                                                       | 2640                                                    | 86.52                 | 40000                                                   | 1.65                                            |                          |                                                                      |                          |                                                                      |



| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model             |                          |                                          |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------------------|--------------------------|------------------------------------------|
| 3.0kW                                                    |                                                         |                       |                                                         |                                                 |                          |                          |                                          |
| 103                                                      | 280                                                     | 13.65                 | 4510                                                    | 1.30                                            | KB<br>KBF<br>KBA<br>KBAF | 40<br>40<br>40<br>40     | D100L4<br>D100L4<br>D100L4<br>D100L4     |
| 115                                                      | 250                                                     | 12.19                 | 4490                                                    | 1.40                                            |                          |                          |                                          |
| 119                                                      | 240                                                     | 11.77                 | 4370                                                    | 1.15                                            |                          |                          |                                          |
| 133                                                      | 215                                                     | 10.56                 | 4350                                                    | 1.30                                            |                          |                          |                                          |
| 154                                                      | 186                                                     | 9.10                  | 4290                                                    | 1.50                                            |                          |                          |                                          |
| 164                                                      | 175                                                     | 8.56                  | 4270                                                    | 1.55                                            |                          |                          |                                          |
| 190                                                      | 151                                                     | 7.36                  | 4190                                                    | 1.65                                            |                          |                          |                                          |
| 213                                                      | 135                                                     | 6.58                  | 4120                                                    | 1.80                                            |                          |                          |                                          |
| 241                                                      | 119                                                     | 5.81                  | 4030                                                    | 1.95                                            |                          |                          |                                          |
| 157                                                      | 182                                                     | 8.91                  | 2000                                                    | 0.90                                            | KB<br>KBF<br>KBA<br>KBAF | 30<br>30<br>30<br>30     | D100L4<br>D100L4<br>D100L4<br>D100L4     |
| 176                                                      | 163                                                     | 7.96                  | 2040                                                    | 0.95                                            |                          |                          |                                          |
| 206                                                      | 139                                                     | 6.80                  | 2080                                                    | 1.10                                            |                          |                          |                                          |
| 220                                                      | 130                                                     | 6.37                  | 2080                                                    | 1.10                                            |                          |                          |                                          |
| 261                                                      | 110                                                     | 5.36                  | 2090                                                    | 1.30                                            |                          |                          |                                          |
| 4.0kW                                                    |                                                         |                       |                                                         |                                                 |                          |                          |                                          |
| 1.7                                                      | 20300                                                   | 835                   | 190000                                                  | 2.5                                             | KB                       | 180 H100 D112M4          |                                          |
| 2.7                                                      | 12600                                                   | 520                   | 190000                                                  | 4.0                                             |                          |                          |                                          |
| 0.56                                                     | 61900                                                   | 2519                  | 168800                                                  | 0.80                                            | KB                       | 180 H90 D112M4           |                                          |
| 0.63                                                     | 55600                                                   | 2268                  | 180200                                                  | 0.90                                            |                          |                          |                                          |
| 0.69                                                     | 50300                                                   | 2054                  | 189400                                                  | 1.00                                            |                          |                          |                                          |
| 0.78                                                     | 44500                                                   | 1821                  | 190000                                                  | 1.10                                            |                          |                          |                                          |
| 0.88                                                     | 39300                                                   | 1605                  | 190000                                                  | 1.25                                            |                          |                          |                                          |
| 1.0                                                      | 34000                                                   | 1395                  | 190000                                                  | 1.45                                            |                          |                          |                                          |
| 1.2                                                      | 29200                                                   | 1196                  | 190000                                                  | 1.70                                            |                          |                          |                                          |
| 1.4                                                      | 25600                                                   | 1046                  | 190000                                                  | 1.95                                            |                          |                          |                                          |
| 1.5                                                      | 23100                                                   | 945                   | 190000                                                  | 2.2                                             |                          |                          |                                          |
| 1.0                                                      | 34600                                                   | 1408                  | 150000                                                  | 0.90                                            | KB                       | 160 H90 D112M4           |                                          |
| 1.1                                                      | 31900                                                   | 1296                  | 150000                                                  | 1.00                                            |                          |                          |                                          |
| 1.3                                                      | 26900                                                   | 1101                  | 150000                                                  | 1.20                                            |                          |                          |                                          |
| 1.5                                                      | 23100                                                   | 944                   | 150000                                                  | 1.40                                            |                          |                          |                                          |
| 1.7                                                      | 20500                                                   | 843                   | 150000                                                  | 1.55                                            |                          |                          |                                          |
| 1.9                                                      | 18500                                                   | 757                   | 150000                                                  | 1.75                                            |                          |                          |                                          |
| 2.2                                                      | 15400                                                   | 632                   | 150000                                                  | 2.1                                             |                          |                          |                                          |
| 1.7                                                      | 20900                                                   | 854                   | 110600                                                  | 0.85                                            | KB<br>KBF<br>KBA<br>KBAF | 150 H90 D112M4           |                                          |
| 1.9                                                      | 18400                                                   | 756                   | 112000                                                  | 1.00                                            |                          |                          |                                          |
| 2.5                                                      | 13800                                                   | 567                   | 114000                                                  | 1.30                                            |                          |                          |                                          |
| 2.8                                                      | 12300                                                   | 504                   | 114600                                                  | 1.45                                            |                          |                          |                                          |
| 3.3                                                      | 10600                                                   | 434                   | 115100                                                  | 1.70                                            |                          |                          |                                          |
| 2.7                                                      | 13100                                                   | 536                   | 79100                                                   | 1.00                                            | KB<br>KBF<br>KBA<br>KBAF | 120 H80 D112M4           |                                          |
| 3.0                                                      | 11600                                                   | 473                   | 79900                                                   | 1.10                                            |                          |                          |                                          |
| 3.4                                                      | 10300                                                   | 418                   | 80600                                                   | 1.25                                            |                          |                          |                                          |
| 3.9                                                      | 9040                                                    | 367                   | 81100                                                   | 1.45                                            |                          |                          |                                          |
| 4.3                                                      | 8120                                                    | 330                   | 81400                                                   | 1.60                                            |                          |                          |                                          |
| 5.0                                                      | 7010                                                    | 287                   | 81800                                                   | 1.85                                            |                          |                          |                                          |
| 5.6                                                      | 6200                                                    | 253                   | 82000                                                   | 2.1                                             |                          |                          |                                          |
| 2.3                                                      | 15100                                                   | 610                   | 75800                                                   | 0.85                                            | KB<br>KBF<br>KBA<br>KBAF | 120 H70 D112M4           |                                          |
| 2.6                                                      | 13600                                                   | 549                   | 78800                                                   | 0.95                                            |                          |                          |                                          |
| 3.0                                                      | 11800                                                   | 477                   | 79800                                                   | 1.10                                            |                          |                          |                                          |
| 3.4                                                      | 10300                                                   | 418                   | 80500                                                   | 1.25                                            |                          |                          |                                          |
| 3.9                                                      | 8990                                                    | 364                   | 650000                                                  | 0.90                                            | KB<br>KBF<br>KBA<br>KBAF | 100 H70 D112M4           |                                          |
| 4.5                                                      | 7860                                                    | 318                   | 650000                                                  | 1.00                                            |                          |                          |                                          |
| 5.0                                                      | 7080                                                    | 286                   | 650000                                                  | 1.15                                            |                          |                          |                                          |
| 5.7                                                      | 6200                                                    | 251                   | 650000                                                  | 1.30                                            |                          |                          |                                          |
| 6.4                                                      | 5470                                                    | 222                   | 650000                                                  | 1.45                                            |                          |                          |                                          |
| 7.2                                                      | 4840                                                    | 196                   | 650000                                                  | 1.65                                            |                          |                          |                                          |
| 8.2                                                      | 4290                                                    | 174                   | 650000                                                  | 1.70                                            |                          |                          |                                          |
| 9.2                                                      | 3800                                                    | 154                   | 650000                                                  | 1.90                                            |                          |                          |                                          |
| 10                                                       | 3440                                                    | 140                   | 650000                                                  | 2.1                                             |                          |                          |                                          |
| 7.1                                                      | 4930                                                    | 199                   | 40000                                                   | 0.85                                            | KB<br>KBF<br>KBA<br>KBAF | 90 H50 D112M4            |                                          |
|                                                          |                                                         |                       |                                                         |                                                 |                          |                          |                                          |
|                                                          |                                                         |                       |                                                         |                                                 |                          |                          |                                          |
|                                                          |                                                         |                       |                                                         |                                                 |                          |                          |                                          |
| 5.3                                                      | 7220                                                    | 132.14                | 81700                                                   | 1.80                                            | KB<br>KBF<br>KBA<br>KBAF | 120<br>120<br>120<br>120 | D132ML8<br>D132ML8<br>D132ML8<br>D132ML8 |
| 5.9                                                      | 6500                                                    | 122.48                | 81900                                                   | 2.0                                             |                          |                          |                                          |
| 6.5                                                      | 5850                                                    | 110.18                | 82100                                                   | 2.2                                             |                          |                          |                                          |
|                                                          |                                                         |                       |                                                         |                                                 |                          |                          |                                          |

| 输出<br>转速<br>Output<br>speed<br>n <sub>e</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>fB | 机型号<br>Model |             |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------|--------------|-------------|
| 4.0kW                                                    |                                                         |                       |                                                         |                                     |              |             |
| 6.6                                                      | 5810                                                    | 146.07                | 82100                                                   | 2.2                                 | KB           | 120 D132M6  |
| 7.1                                                      | 5420                                                    | 136.14                | 82200                                                   | 2.4                                 | KBF          | 120 D132M6  |
| 7.8                                                      | 4870                                                    | 122.48                | 82300                                                   | 2.7                                 | KBA          | 120 D132M6  |
| 8.7                                                      | 4380                                                    | 110.18                | 82400                                                   | 3.0                                 | KBAF         | 120 D132M6  |
| 6.4                                                      | 5960                                                    | 112.41                | 65000                                                   | 1.35                                | KB           | 100 D132ML8 |
| 7.2                                                      | 5340                                                    | 100.75                | 65000                                                   | 1.50                                | KBF          | 100 D132ML8 |
| 7.9                                                      | 4830                                                    | 90.96                 | 65000                                                   | 1.65                                | KBA          | 100 D132ML8 |
| 8.7                                                      | 4380                                                    | 82.61                 | 65000                                                   | 1.85                                | KBAF         | 100 D132ML8 |
| 6.7                                                      | 5710                                                    | 143.47                | 65000                                                   | 1.40                                | KB           | 100 D132M6  |
| 7.9                                                      | 4830                                                    | 121.46                | 65000                                                   | 1.65                                | KBF          | 100 D132M6  |
| 8.5                                                      | 4470                                                    | 112.41                | 65000                                                   | 1.80                                | KBA          | 100 D132M6  |
| 9.5                                                      | 4010                                                    | 100.75                | 65000                                                   | 2.0                                 | KBAF         | 100 D132M6  |
| 11                                                       | 3620                                                    | 90.96                 | 65000                                                   | 2.2                                 |              |             |
| 9.9                                                      | 3860                                                    | 143.47                | 65000                                                   | 2.1                                 |              |             |
| 12                                                       | 3270                                                    | 121.46                | 65000                                                   | 2.5                                 | KB           | 100 D112M4  |
| 13                                                       | 3020                                                    | 112.41                | 65000                                                   | 2.7                                 | KBF          | 100 D112M4  |
| 14                                                       | 2710                                                    | 100.75                | 65000                                                   | 3.0                                 | KBA          | 100 D112M4  |
| 16                                                       | 2450                                                    | 90.96                 | 65000                                                   | 3.3                                 | KBAF         | 100 D112M4  |
| 17                                                       | 2220                                                    | 82.61                 | 65000                                                   | 3.6                                 |              |             |
| 19                                                       | 1970                                                    | 73.30                 | 65000                                                   | 4.1                                 |              |             |
| 9.3                                                      | 4120                                                    | 153.21                | 40000                                                   | 1.05                                | KB           | 90 D112M4   |
| 10                                                       | 3770                                                    | 140.28                | 40000                                                   | 1.15                                | KBF          | 90 D112M4   |
| 11                                                       | 3330                                                    | 123.93                | 40000                                                   | 1.30                                | KBA          | 90 D112M4   |
|                                                          |                                                         |                       |                                                         |                                     | KBAF         | 90 D112M4   |
| 14                                                       | 2830                                                    | 105.13                | 40000                                                   | 1.50                                | KB           | 90 D112M4   |
| 15                                                       | 2600                                                    | 96.80                 | 40000                                                   | 1.65                                | KBF          | 90 D112M4   |
| 16                                                       | 2330                                                    | 86.52                 | 40000                                                   | 1.85                                | KBA          | 90 D112M4   |
| 18                                                       | 2100                                                    | 77.89                 | 40000                                                   | 2.0                                 | KBAF         | 90 D112M4   |
| 20                                                       | 1900                                                    | 70.54                 | 40000                                                   | 2.3                                 |              |             |
| 12                                                       | 3120                                                    | 115.82                | 26700                                                   | 0.85                                | KB           | 80 D112M4   |
| 14                                                       | 2760                                                    | 102.71                | 27200                                                   | 1.00                                | KBF          | 80 D112M4   |
| 16                                                       | 2320                                                    | 86.34                 | 27700                                                   | 1.15                                | KBA          | 80 D112M4   |
| 18                                                       | 2130                                                    | 79.34                 | 27900                                                   | 1.25                                | KBAF         | 80 D112M4   |
| 20                                                       | 1900                                                    | 70.46                 | 28200                                                   | 1.40                                |              |             |
| 23                                                       | 1690                                                    | 63.00                 | 28300                                                   | 1.60                                | KB           | 80 D112M4   |
| 25                                                       | 1520                                                    | 56.64                 | 28500                                                   | 1.75                                | KBF          | 80 D112M4   |
| 29                                                       | 1320                                                    | 49.16                 | 28600                                                   | 2.0                                 | KBA          | 80 D112M4   |
| 32                                                       | 1180                                                    | 44.02                 | 28300                                                   | 2.2                                 | KBAF         | 80 D112M4   |
| 39                                                       | 980                                                     | 36.52                 | 27300                                                   | 2.5                                 |              |             |
| 22                                                       | 1740                                                    | 64.75                 | 13900                                                   | 0.90                                |              |             |
| 24                                                       | 1570                                                    | 58.34                 | 15200                                                   | 1.00                                | KB           | 70 D112M4   |
| 28                                                       | 1380                                                    | 51.18                 | 16500                                                   | 1.15                                | KBF          | 70 D112M4   |
| 31                                                       | 1210                                                    | 45.16                 | 17400                                                   | 1.30                                | KBA          | 70 D112M4   |
| 35                                                       | 1080                                                    | 40.04                 | 18000                                                   | 1.45                                | KBAF         | 70 D112M4   |
| 37                                                       | 1030                                                    | 38.39                 | 18200                                                   | 1.45                                |              |             |
| 40                                                       | 950                                                     | 35.20                 | 18500                                                   | 1.65                                |              |             |
| 46                                                       | 830                                                     | 30.89                 | 18900                                                   | 1.85                                | KB           | 70 D112M4   |
| 49                                                       | 785                                                     | 29.27                 | 19000                                                   | 1.95                                | KBF          | 70 D112M4   |
| 55                                                       | 690                                                     | 25.62                 | 19300                                                   | 2.2                                 | KBA          | 70 D112M4   |
| 62                                                       | 620                                                     | 23.08                 | 19500                                                   | 2.5                                 | KBAF         | 70 D112M4   |
| 70                                                       | 545                                                     | 20.25                 | 19600                                                   | 2.8                                 |              |             |
| 47                                                       | 810                                                     | 30.22                 | 10400                                                   | 1.00                                | KB           | 60 D112M4   |
| 52                                                       | 735                                                     | 27.28                 | 11000                                                   | 1.10                                | KBF          | 60 D112M4   |
| 59                                                       | 645                                                     | 24.00                 | 11600                                                   | 1.25                                | KBA          | 60 D112M4   |
| 63                                                       | 610                                                     | 22.66                 | 11800                                                   | 1.30                                | KBAF         | 60 D112M4   |
| 74                                                       | 520                                                     | 19.30                 | 12300                                                   | 1.45                                |              |             |
| 81                                                       | 470                                                     | 17.54                 | 12500                                                   | 1.55                                |              |             |
| 94                                                       | 410                                                     | 15.19                 | 12800                                                   | 1.70                                | KB           | 60 D112M4   |
| 107                                                      | 355                                                     | 13.22                 | 13000                                                   | 1.90                                | KBF          | 60 D112M4   |
| 114                                                      | 335                                                     | 12.48                 | 13000                                                   | 1.60                                | KBA          | 60 D112M4   |
| 134                                                      | 285                                                     | 10.63                 | 13000                                                   | 1.75                                | KBAF         | 60 D112M4   |
| 147                                                      | 260                                                     | 9.66                  | 12900                                                   | 1.85                                |              |             |
| 170                                                      | 225                                                     | 8.37                  | 12500                                                   | 1.95                                |              |             |
| 195                                                      | 196                                                     | 7.28                  | 12100                                                   | 2.1                                 |              |             |

| 输出<br>转速<br>Output<br>speed<br>n <sub>e</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model |                |        |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------|----------------|--------|
| 4.0kW                                                    |                                                         |                       |                                                         |                                                 |              |                |        |
| 59                                                       | 645                                                     | 24.05                 | 6120                                                    | 0.95                                            |              |                |        |
| 63                                                       | 610                                                     | 22.71                 | 6160                                                    | 1.00                                            |              |                |        |
| 73                                                       | 520                                                     | 19.34                 | 6220                                                    | 1.10                                            |              |                |        |
| 81                                                       | 475                                                     | 17.57                 | 6230                                                    | 1.15                                            |              |                |        |
| 93                                                       | 410                                                     | 15.22                 | 6210                                                    | 1.30                                            | KB           | 50             | D112M4 |
| 107                                                      | 355                                                     | 13.25                 | 6150                                                    | 1.45                                            | KBF          | 50             | D112M4 |
| 119                                                      | 320                                                     | 11.92                 | 5810                                                    | 1.30                                            | KBA          | 50             | D112M4 |
| 126                                                      | 305                                                     | 11.26                 | 5790                                                    | 1.35                                            | KBAF         | 50             | D112M4 |
| 148                                                      | 260                                                     | 9.59                  | 5700                                                    | 1.55                                            |              |                |        |
| 163                                                      | 235                                                     | 8.71                  | 5640                                                    | 1.65                                            |              |                |        |
| 188                                                      | 205                                                     | 7.55                  | 5530                                                    | 1.80                                            |              |                |        |
| 216                                                      | 177                                                     | 6.57                  | 5400                                                    | 1.95                                            |              |                |        |
| 5.5kW                                                    |                                                         |                       |                                                         |                                                 |              |                |        |
| 0.79                                                     | 61100                                                   | 1821                  | 170200                                                  | 0.80                                            |              |                |        |
| 0.89                                                     | 53900                                                   | 1605                  | 183200                                                  | 0.95                                            |              |                |        |
| 1.0                                                      | 46700                                                   | 1395                  | 190000                                                  | 1.05                                            |              |                |        |
| 1.2                                                      | 40100                                                   | 1196                  | 190000                                                  | 1.25                                            | KB           | 180 H90 D132S4 |        |
| 1.4                                                      | 35100                                                   | 1046                  | 190000                                                  | 1.45                                            |              |                |        |
| 1.5                                                      | 31700                                                   | 945                   | 190000                                                  | 1.60                                            |              |                |        |
| 1.9                                                      | 24800                                                   | 738                   | 190000                                                  | 2.0                                             |              |                |        |
| 2.3                                                      | 20800                                                   | 621                   | 190000                                                  | 2.4                                             |              |                |        |
| 1.3                                                      | 36900                                                   | 1101                  | 150000                                                  | 0.85                                            |              |                |        |
| 1.5                                                      | 31700                                                   | 944                   | 150000                                                  | 1.00                                            |              |                |        |
| 1.7                                                      | 28200                                                   | 843                   | 150000                                                  | 1.15                                            |              |                |        |
| 1.9                                                      | 25400                                                   | 757                   | 150000                                                  | 1.25                                            | KB           | 160 H90 D132S4 |        |
| 2.3                                                      | 21200                                                   | 632                   | 150000                                                  | 1.50                                            |              |                |        |
| 2.5                                                      | 18700                                                   | 561                   | 150000                                                  | 1.70                                            |              |                |        |
| 3.0                                                      | 16100                                                   | 481                   | 150000                                                  | 2.0                                             |              |                |        |
| 3.4                                                      | 14100                                                   | 423                   | 150000                                                  | 2.3                                             |              |                |        |
| 2.2                                                      | 22100                                                   | 661                   | 109900                                                  | 0.80                                            |              |                |        |
| 2.5                                                      | 19000                                                   | 567                   | 111700                                                  | 0.95                                            | KB           | 150 H90 D132S4 |        |
| 2.8                                                      | 16900                                                   | 504                   | 112700                                                  | 1.05                                            | KBF          | 150 H90 D132S4 |        |
| 3.3                                                      | 14500                                                   | 434                   | 113800                                                  | 1.25                                            | KBA          | 150 H90 D132S4 |        |
| 3.8                                                      | 12700                                                   | 379                   | 114500                                                  | 1.40                                            | KBAF         | 150 H90 D132S4 |        |
| 4.3                                                      | 11100                                                   | 333                   | 115000                                                  | 1.60                                            |              |                |        |
| 3.4                                                      | 14100                                                   | 418                   | 77800                                                   | 0.90                                            |              |                |        |
| 3.9                                                      | 12400                                                   | 367                   | 79500                                                   | 1.05                                            |              |                |        |
| 4.3                                                      | 11100                                                   | 330                   | 80200                                                   | 1.15                                            | KB           | 120 H80 D132S4 |        |
| 5.0                                                      | 9620                                                    | 287                   | 80800                                                   | 1.35                                            | KBF          | 120 H80 D132S4 |        |
| 5.6                                                      | 8510                                                    | 253                   | 81300                                                   | 1.55                                            | KBA          | 120 H80 D132S4 |        |
| 6.7                                                      | 7150                                                    | 213                   | 81700                                                   | 1.80                                            | KBAF         | 120 H80 D132S4 |        |
| 7.1                                                      | 6740                                                    | 200                   | 81900                                                   | 1.80                                            |              |                |        |
| 8.6                                                      | 5580                                                    | 166                   | 82200                                                   | 2.2                                             |              |                |        |
| 9.8                                                      | 4920                                                    | 147                   | 82300                                                   | 2.4                                             |              |                |        |
| 6.4                                                      | 7490                                                    | 222                   | 65000                                                   | 1.05                                            | KB           | 100 H70 D132S4 |        |
| 7.3                                                      | 6640                                                    | 196                   | 65000                                                   | 1.20                                            | KBF          | 100 H70 D132S4 |        |
| 8.2                                                      | 5870                                                    | 174                   | 65000                                                   | 1.25                                            | KBA          | 100 H70 D132S4 |        |
| 9.3                                                      | 5200                                                    | 154                   | 65000                                                   | 1.40                                            | KBAF         | 100 H70 D132S4 |        |
| 10                                                       | 4720                                                    | 140                   | 65000                                                   | 1.55                                            |              |                |        |
| 4.7                                                      | 11100                                                   | 150.41                | 115000                                                  | 1.60                                            | KB           | 150            | D160M8 |
| 5.8                                                      | 9050                                                    | 122.39                | 115500                                                  | 2.0                                             | KBF          | 150            | D160M8 |
| 7.1                                                      | 7410                                                    | 100.22                | 115900                                                  | 2.4                                             | KBA          | 150            | D160M8 |
| 7.8                                                      | 6780                                                    | 91.65                 | 116000                                                  | 2.7                                             | KBAF         | 150            | D160M8 |
| 5.2                                                      | 10100                                                   | 136.14                | 80700                                                   | 1.30                                            | KB           | 120            | D160M8 |
| 5.8                                                      | 9060                                                    | 122.48                | 81100                                                   | 1.45                                            | KBF          | 120            | D160M8 |
| 6.4                                                      | 8150                                                    | 110.18                | 81400                                                   | 1.60                                            | KBA          | 120            | D160M8 |
| 7.9                                                      | 6650                                                    | 89.89                 | 81900                                                   | 1.95                                            | KBAF         | 120            | D160M8 |
| 7.1                                                      | 7450                                                    | 136.14                | 81600                                                   | 1.75                                            | KB           | 120            | D132ML |
| 7.8                                                      | 6700                                                    | 122.48                | 81900                                                   | 1.95                                            | KBF          | 120            | D132ML |
| 8.7                                                      | 6030                                                    | 110.18                | 82100                                                   | 2.2                                             | KBA          | 120            | D132ML |
| 11                                                       | 4920                                                    | 89.89                 | 82300                                                   | 2.6                                             | KBAF         | 120            | D132ML |
| 8.5                                                      | 6150                                                    | 112.41                | 65000                                                   | 1.30                                            | KB           | 100            | D132ML |
| 9.5                                                      | 5510                                                    | 100.75                | 65000                                                   | 1.45                                            | KBF          | 100            | D132ML |
| 11                                                       | 4980                                                    | 90.96                 | 65000                                                   | 1.60                                            | KBA          | 100            | D132ML |
| 12                                                       | 4520                                                    | 82.61                 | 65000                                                   | 1.75                                            | KBAF         | 100            | D132ML |



| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model             |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------------------|
| <b>7.5kW</b>                                             |                                                         |                       |                                                         |                                                 |                          |
| 1.2                                                      | 55000                                                   | 1196                  | 181400                                                  | 0.90                                            | <b>KB 180 H90 D132M4</b> |
| 1.4                                                      | 48000                                                   | 1046                  | 190000                                                  | 1.05                                            |                          |
| 1.5                                                      | 43400                                                   | 945                   | 190000                                                  | 1.15                                            |                          |
| 1.9                                                      | 33900                                                   | 738                   | 190000                                                  | 1.45                                            |                          |
| 2.3                                                      | 28500                                                   | 621                   | 190000                                                  | 1.75                                            |                          |
| 2.7                                                      | 24100                                                   | 527                   | 190000                                                  | 2.1                                             |                          |
| 1.7                                                      | 38700                                                   | 843                   | 150000                                                  | 0.85                                            | <b>KB 160 H90 D132M4</b> |
| 1.9                                                      | 34700                                                   | 757                   | 150000                                                  | 0.90                                            |                          |
| 2.3                                                      | 29000                                                   | 632                   | 150000                                                  | 1.10                                            |                          |
| 2.5                                                      | 25700                                                   | 561                   | 150000                                                  | 1.25                                            |                          |
| 3.0                                                      | 22100                                                   | 481                   | 150000                                                  | 1.45                                            |                          |
| 3.4                                                      | 19400                                                   | 423                   | 150000                                                  | 1.65                                            |                          |
| 3.9                                                      | 16900                                                   | 369                   | 150000                                                  | 1.90                                            |                          |
| 3.3                                                      | 19900                                                   | 434                   | 111200                                                  | 0.90                                            | <b>KB 150 H90 D132M4</b> |
| 3.8                                                      | 17400                                                   | 379                   | 112500                                                  | 1.05                                            |                          |
| 4.3                                                      | 15300                                                   | 333                   | 113500                                                  | 1.20                                            |                          |
| 4.9                                                      | 13300                                                   | 291                   | 114200                                                  | 1.35                                            |                          |
| 4.3                                                      | 15200                                                   | 330                   | 75500                                                   | 0.85                                            | <b>KB 120 H80 D132M4</b> |
| 5.0                                                      | 13200                                                   | 287                   | 79100                                                   | 1.00                                            |                          |
| 5.6                                                      | 11600                                                   | 253                   | 79900                                                   | 1.10                                            |                          |
| 6.7                                                      | 9790                                                    | 213                   | 80800                                                   | 1.35                                            |                          |
| 7.1                                                      | 9220                                                    | 200                   | 81000                                                   | 1.30                                            |                          |
| 8.6                                                      | 7640                                                    | 166                   | 81600                                                   | 1.55                                            |                          |
| 9.8                                                      | 6740                                                    | 147                   | 81900                                                   | 1.80                                            |                          |
| 4.4                                                      | 16400                                                   | 164.50                | 150000                                                  | 1.95                                            | <b>KB 160 D160L8</b>     |
| 5.3                                                      | 13400                                                   | 134.99                | 150000                                                  | 2.4                                             |                          |
| 5.8                                                      | 12300                                                   | 164.50                | 150000                                                  | 2.6                                             | <b>KB 160 D160M6</b>     |
| 7.1                                                      | 10100                                                   | 134.99                | 150000                                                  | 3.2                                             |                          |
| 6.4                                                      | 11200                                                   | 150.41                | 114900                                                  | 1.60                                            | <b>KB 150 D160M6</b>     |
| 7.8                                                      | 9130                                                    | 122.39                | 115500                                                  | 1.95                                            |                          |
| 9.6                                                      | 7480                                                    | 100.22                | 115900                                                  | 2.4                                             |                          |
| 10                                                       | 6840                                                    | 91.65                 | 116000                                                  | 2.6                                             |                          |
| 12                                                       | 5950                                                    | 79.75                 | 116200                                                  | 3.0                                             | <b>KB 120 D160M6</b>     |
| 7.1                                                      | 10200                                                   | 136.14                | 80600                                                   | 1.30                                            |                          |
| 7.8                                                      | 9140                                                    | 122.48                | 81000                                                   | 1.40                                            |                          |
| 8.7                                                      | 8220                                                    | 110.18                | 81400                                                   | 1.60                                            |                          |
| 11                                                       | 6710                                                    | 89.89                 | 81900                                                   | 1.95                                            |                          |
| 9.8                                                      | 7320                                                    | 146.07                | 81700                                                   | 1.80                                            |                          |
| 11                                                       | 6820                                                    | 136.14                | 81800                                                   | 1.90                                            |                          |
| 12                                                       | 6130                                                    | 122.48                | 82000                                                   | 2.1                                             |                          |
| 13                                                       | 5520                                                    | 110.18                | 82200                                                   | 2.4                                             | <b>KB 120 D132M4</b>     |
| 16                                                       | 4500                                                    | 89.89                 | 82400                                                   | 2.9                                             |                          |
| 17                                                       | 4110                                                    | 81.98                 | 82500                                                   | 3.2                                             |                          |
| 20                                                       | 3550                                                    | 70.95                 | 82600                                                   | 3.7                                             |                          |
| 10                                                       | 7190                                                    | 143.47                | 65000                                                   | 1.10                                            | <b>KB 100 D132M4</b>     |
| 12                                                       | 6080                                                    | 121.46                | 65000                                                   | 1.30                                            |                          |
| 13                                                       | 5630                                                    | 112.41                | 65000                                                   | 1.40                                            |                          |
| 14                                                       | 5050                                                    | 100.75                | 65000                                                   | 1.60                                            |                          |
| 16                                                       | 4560                                                    | 90.96                 | 64200                                                   | 1.75                                            | <b>KB 100 D132M4</b>     |
| 17                                                       | 4140                                                    | 82.61                 | 63200                                                   | 1.95                                            |                          |
| 20                                                       | 3670                                                    | 73.30                 | 61900                                                   | 2.2                                             |                          |
| 22                                                       | 3330                                                    | 66.52                 | 60900                                                   | 2.4                                             |                          |
| 25                                                       | 2860                                                    | 57.17                 | 59100                                                   | 2.8                                             |                          |
| 29                                                       | 2500                                                    | 49.90                 | 57500                                                   | 3.1                                             |                          |
| 34                                                       | 2120                                                    | 42.33                 | 55500                                                   | 3.5                                             |                          |
| 39                                                       | 1850                                                    | 37.00                 | 53800                                                   | 3.9                                             |                          |
| 15                                                       | 4850                                                    | 96.80                 | 38300                                                   | 0.90                                            | <b>KB 90 D132M4</b>      |
| 17                                                       | 4330                                                    | 86.52                 | 38300                                                   | 1.00                                            |                          |
| 18                                                       | 3900                                                    | 77.89                 | 38100                                                   | 1.10                                            |                          |
| 20                                                       | 3530                                                    | 70.54                 | 37900                                                   | 1.20                                            |                          |
| 23                                                       | 3130                                                    | 62.55                 | 37500                                                   | 1.35                                            |                          |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model               |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|----------------------------|
| <b>7.5kW</b>                                             |                                                         |                       |                                                         |                                                 |                            |
| 25                                                       | 2830                                                    | 56.55                 | 37100                                                   | 1.50                                            | <b>KB 90 D132M4</b>        |
| 30                                                       | 2400                                                    | 47.93                 | 36400                                                   | 1.80                                            |                            |
| 34                                                       | 2100                                                    | 41.87                 | 35600                                                   | 2.0                                             |                            |
| 37                                                       | 1920                                                    | 38.30                 | 35100                                                   | 2.2                                             |                            |
| 42                                                       | 1710                                                    | 34.23                 | 34400                                                   | 2.5                                             |                            |
| 23                                                       | 3160                                                    | 63.00                 | 24100                                                   | 0.85                                            | <b>KB 80 D132M4</b>        |
| 25                                                       | 2840                                                    | 56.64                 | 24200                                                   | 0.95                                            |                            |
| 29                                                       | 2460                                                    | 49.16                 | 24200                                                   | 1.10                                            |                            |
| 32                                                       | 2200                                                    | 44.02                 | 24200                                                   | 1.20                                            |                            |
| 39                                                       | 1830                                                    | 36.52                 | 23900                                                   | 1.35                                            |                            |
| 46                                                       | 1570                                                    | 31.39                 | 23500                                                   | 1.70                                            | <b>KB 80 D132M4</b>        |
| 51                                                       | 1400                                                    | 27.88                 | 23200                                                   | 1.85                                            |                            |
| 57                                                       | 1250                                                    | 24.92                 | 22800                                                   | 2.0                                             |                            |
| 64                                                       | 1120                                                    | 22.41                 | 22500                                                   | 2.0                                             |                            |
| 74                                                       | 970                                                     | 19.45                 | 21900                                                   | 2.4                                             |                            |
| 82                                                       | 870                                                     | 17.42                 | 21500                                                   | 2.5                                             |                            |
| 89                                                       | 800                                                     | 16.00                 | 20600                                                   | 2.2                                             |                            |
| 99                                                       | 725                                                     | 14.45                 | 20700                                                   | 2.9                                             |                            |
| 46                                                       | 1550                                                    | 30.89                 | 15400                                                   | 1.00                                            | <b>KB 70 D132M4</b>        |
| 49                                                       | 1470                                                    | 29.27                 | 16000                                                   | 1.05                                            |                            |
| 56                                                       | 1280                                                    | 25.62                 | 17000                                                   | 1.20                                            |                            |
| 62                                                       | 1160                                                    | 23.08                 | 17700                                                   | 1.35                                            |                            |
| 71                                                       | 1010                                                    | 20.25                 | 18300                                                   | 1.50                                            |                            |
| 80                                                       | 890                                                     | 17.87                 | 18600                                                   | 1.60                                            |                            |
| 90                                                       | 795                                                     | 15.84                 | 18200                                                   | 1.75                                            |                            |
| 106                                                      | 675                                                     | 13.52                 | 17800                                                   | 2.0                                             | <b>KB 70 D132M4</b>        |
| 116                                                      | 620                                                     | 12.36                 | 17000                                                   | 1.60                                            |                            |
| 132                                                      | 545                                                     | 10.84                 | 16700                                                   | 1.80                                            |                            |
| 150                                                      | 480                                                     | 9.56                  | 16300                                                   | 1.95                                            |                            |
| 169                                                      | 425                                                     | 8.48                  | 15900                                                   | 2.1                                             |                            |
| 198                                                      | 365                                                     | 7.24                  | 15400                                                   | 2.3                                             |                            |
| 1.7                                                      | 46700                                                   | 835                   | 190000                                                  | 1.05                                            | <b>KB 180 H100 D132ML4</b> |
| 2.0                                                      | 40700                                                   | 729                   | 190000                                                  | 1.25                                            |                            |
| 2.3                                                      | 34700                                                   | 622                   | 190000                                                  | 1.45                                            |                            |
| 2.8                                                      | 29100                                                   | 520                   | 190000                                                  | 1.70                                            |                            |
| 3.2                                                      | 25300                                                   | 454                   | 190000                                                  | 1.95                                            |                            |
| 1.4                                                      | 58600                                                   | 1046                  | 174800                                                  | 0.85                                            | <b>KB 180 H90 D132ML4</b>  |
| 1.5                                                      | 53000                                                   | 945                   | 184900                                                  | 0.95                                            |                            |
| 2.0                                                      | 41400                                                   | 738                   | 190000                                                  | 1.20                                            |                            |
| 2.3                                                      | 34800                                                   | 621                   | 190000                                                  | 1.45                                            |                            |
| 2.7                                                      | 29500                                                   | 527                   | 190000                                                  | 1.70                                            |                            |
| 4.5                                                      | 17800                                                   | 318                   | 150000                                                  | 1.80                                            | <b>KB 160 H100 D132ML4</b> |
| 5.2                                                      | 15500                                                   | 278                   | 150000                                                  | 2.1                                             |                            |
| 5.9                                                      | 13600                                                   | 244                   | 150000                                                  | 2.3                                             |                            |
| 6.8                                                      | 11900                                                   | 213                   | 150000                                                  | 2.7                                             |                            |
| 7.0                                                      | 11500                                                   | 206                   | 150000                                                  | 2.8                                             |                            |
| 2.3                                                      | 35400                                                   | 632                   | 150000                                                  | 0.90                                            | <b>KB 160 H90 D132ML4</b>  |
| 2.6                                                      | 31300                                                   | 561                   | 150000                                                  | 1.00                                            |                            |
| 3.0                                                      | 27000                                                   | 481                   | 150000                                                  | 1.20                                            |                            |
| 3.4                                                      | 23700                                                   | 423                   | 150000                                                  | 1.35                                            |                            |
| 3.9                                                      | 20600                                                   | 369                   | 150000                                                  | 1.55                                            |                            |
| 3.7                                                      | 21400                                                   | 385                   | 110300                                                  | 0.85                                            | <b>KB 150 H100 D132ML4</b> |
| 4.4                                                      | 18100                                                   | 325                   | 112100                                                  | 1.00                                            |                            |
| 4.8                                                      | 16700                                                   | 299                   | 112800                                                  | 1.10                                            |                            |
| 5.7                                                      | 14100                                                   | 253                   | 113900                                                  | 1.25                                            |                            |
| 6.2                                                      | 12800                                                   | 230                   | 114400                                                  | 1.40                                            |                            |
| 3.8                                                      | 21200                                                   | 379                   | 110400                                                  | 0.85                                            | <b>KB 150 H90 D132ML4</b>  |
| 4.3                                                      | 18600                                                   | 333                   | 111900                                                  | 0.95                                            |                            |
| 4.9                                                      | 16300                                                   | 291                   | 113000                                                  | 1.10                                            |                            |
| 5.7                                                      | 14200                                                   | 253                   | 77500                                                   | 0.90                                            | <b>KB 120 H80 D132ML4</b>  |
| 6.8                                                      | 11900                                                   | 213                   | 79800                                                   | 1.10                                            |                            |
| 7.2                                                      | 11200                                                   | 200                   | 80100                                                   | 1.05                                            |                            |
| 8.7                                                      | 9320                                                    | 166                   | 81000                                                   | 1.30                                            |                            |
| 9.8                                                      | 8230                                                    | 147                   | 81400                                                   | 1.45                                            |                            |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model |        |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------|--------|
| 9.2kW                                                    |                                                         |                       |                                                         |                                                 |              |        |
| 11                                                       | 8310                                                    | 136.14                | 81300                                                   | 1.55                                            | KB 120       | D132ML |
| 12                                                       | 7470                                                    | 122.48                | 81600                                                   | 1.75                                            |              | D132ML |
| 13                                                       | 6720                                                    | 110.18                | 8190                                                    | 1.95                                            |              | D132ML |
| 16                                                       | 5480                                                    | 89.89                 | 82200                                                   | 2.4                                             |              | D132ML |
| 18                                                       | 5000                                                    | 81.98                 | 82300                                                   | 2.6                                             |              | D132ML |
| 13                                                       | 6860                                                    | 112.41                | 62400                                                   | 1.15                                            | KB 100       | D132ML |
| 14                                                       | 6150                                                    | 100.75                | 61800                                                   | 1.30                                            |              | D132ML |
| 16                                                       | 5550                                                    | 90.96                 | 61100                                                   | 1.45                                            |              | D132ML |
| 17                                                       | 5040                                                    | 82.61                 | 60400                                                   | 1.60                                            | KB 100       | D132ML |
| 20                                                       | 4470                                                    | 73.30                 | 59400                                                   | 1.80                                            |              | D132ML |
| 22                                                       | 4060                                                    | 66.52                 | 58600                                                   | 1.95                                            |              | D132ML |
| 25                                                       | 3490                                                    | 57.17                 | 57100                                                   | 2.3                                             |              | D132ML |
| 29                                                       | 3040                                                    | 49.90                 | 55700                                                   | 2.6                                             |              | D132ML |
| 34                                                       | 2580                                                    | 42.33                 | 54000                                                   | 2.8                                             |              | D132ML |
| 18                                                       | 4750                                                    | 77.89                 | 35100                                                   | 0.90                                            | KB 90        | D132ML |
| 20                                                       | 4300                                                    | 70.54                 | 35100                                                   | 1.00                                            |              | D132ML |
| 23                                                       | 3820                                                    | 62.55                 | 35100                                                   | 1.15                                            |              | D132ML |
| 25                                                       | 3450                                                    | 56.55                 | 34900                                                   | 1.25                                            |              | D132ML |
| 30                                                       | 2920                                                    | 47.93                 | 34400                                                   | 1.45                                            | KB 90        | D132ML |
| 34                                                       | 2550                                                    | 41.87                 | 34000                                                   | 1.70                                            |              | D132ML |
| 38                                                       | 2340                                                    | 38.30                 | 33600                                                   | 1.85                                            |              | D132ML |
| 42                                                       | 2090                                                    | 34.23                 | 33100                                                   | 2.1                                             |              | D132ML |
| 47                                                       | 1880                                                    | 30.82                 | 32500                                                   | 2.3                                             |              | D132ML |
| 52                                                       | 1700                                                    | 27.91                 | 32000                                                   | 2.5                                             |              | D132ML |
| 58                                                       | 1510                                                    | 24.75                 | 31300                                                   | 2.8                                             |              | D132ML |
| 29                                                       | 3000                                                    | 49.16                 | 22000                                                   | 0.90                                            | KB 80        | D132ML |
| 33                                                       | 2690                                                    | 44.02                 | 22200                                                   | 0.95                                            |              | D132ML |
| 39                                                       | 2230                                                    | 36.52                 | 22200                                                   | 1.10                                            |              | D132ML |
| 46                                                       | 1910                                                    | 31.39                 | 22100                                                   | 1.40                                            |              | D132ML |
| 52                                                       | 1700                                                    | 27.88                 | 21900                                                   | 1.55                                            | KB 80        | D132ML |
| 58                                                       | 1520                                                    | 24.92                 | 21700                                                   | 1.65                                            |              | D132ML |
| 64                                                       | 1370                                                    | 22.41                 | 21400                                                   | 1.70                                            |              | D132ML |
| 74                                                       | 1190                                                    | 19.45                 | 21000                                                   | 1.95                                            |              | D132ML |
| 83                                                       | 1060                                                    | 17.42                 | 20700                                                   | 2.1                                             |              | D132ML |
| 90                                                       | 980                                                     | 16.00                 | 19700                                                   | 1.85                                            |              | D132ML |
| 100                                                      | 880                                                     | 14.45                 | 20000                                                   | 2.4                                             |              | D132ML |
| 115                                                      | 765                                                     | 12.56                 | 19500                                                   | 2.6                                             |              | D132ML |
| 129                                                      | 680                                                     | 11.17                 | 18600                                                   | 2.2                                             | KB 70        | D132ML |
| 144                                                      | 610                                                     | 10.00                 | 18200                                                   | 2.5                                             |              | D132ML |
| 62                                                       | 1410                                                    | 23.08                 | 16300                                                   | 1.10                                            | KB 70        | D132ML |
| 71                                                       | 1240                                                    | 20.25                 | 17300                                                   | 1.20                                            |              | D132ML |
| 81                                                       | 1090                                                    | 17.87                 | 17600                                                   | 1.35                                            |              | D132ML |
| 91                                                       | 970                                                     | 15.84                 | 17400                                                   | 1.45                                            |              | D132ML |
| 107                                                      | 820                                                     | 13.52                 | 17000                                                   | 1.60                                            | KB 70        | D132ML |
| 117                                                      | 755                                                     | 12.36                 | 16300                                                   | 1.35                                            |              | D132ML |
| 133                                                      | 660                                                     | 10.84                 | 16000                                                   | 1.50                                            |              | D132ML |
| 151                                                      | 585                                                     | 9.56                  | 15700                                                   | 1.60                                            |              | D132ML |
| 170                                                      | 515                                                     | 8.48                  | 15400                                                   | 1.70                                            |              | D132ML |
| 199                                                      | 440                                                     | 7.24                  | 14900                                                   | 1.85                                            |              | D132ML |
| 11.0kW                                                   |                                                         |                       |                                                         |                                                 |              |        |
| 1.7                                                      | 55900                                                   | 835                   | 179700                                                  | 0.90                                            | KB 180 H100  | D160M4 |
| 2.0                                                      | 48800                                                   | 729                   | 190000                                                  | 1.05                                            |              | D160M4 |
| 2.3                                                      | 41600                                                   | 622                   | 190000                                                  | 1.20                                            |              | D160M4 |
| 2.8                                                      | 34800                                                   | 520                   | 190000                                                  | 1.45                                            |              | D160M4 |
| 3.2                                                      | 30400                                                   | 454                   | 190000                                                  | 1.65                                            |              | D160M4 |
| 4.1                                                      | 23800                                                   | 355                   | 190000                                                  | 2.1                                             |              | D160M4 |
| 2.0                                                      | 49600                                                   | 738                   | 190000                                                  | 1.00                                            | KB 180 H90   | D160M4 |
| 2.3                                                      | 41700                                                   | 621                   | 190000                                                  | 1.20                                            |              | D160M4 |
| 2.7                                                      | 35300                                                   | 527                   | 190000                                                  | 1.40                                            |              | D160M4 |
| 4.5                                                      | 21300                                                   | 318                   | 150000                                                  | 1.50                                            | KB 160 H100  | D160M4 |
| 5.2                                                      | 18600                                                   | 278                   | 150000                                                  | 1.70                                            |              | D160M4 |
| 5.9                                                      | 16300                                                   | 244                   | 150000                                                  | 1.95                                            |              | D160M4 |
| 6.8                                                      | 14200                                                   | 213                   | 150000                                                  | 2.2                                             |              | D160M4 |
| 7.0                                                      | 13700                                                   | 206                   | 150000                                                  | 2.3                                             |              | D160M4 |



| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model             |                                              |                                                                                                            |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------------------|----------------------------------------------|------------------------------------------------------------------------------------------------------------|
| 11.0kW                                                   |                                                         |                       |                                                         |                                                 |                          |                                              |                                                                                                            |
| 33                                                       | 3210                                                    | 44.02                 | 20000                                                   | 0.80                                            | KB<br>KBF<br>KBA<br>KBAF | 80<br>80<br>80<br>80                         | D160M4<br>D160M4<br>D160M4<br>D160M4                                                                       |
| 39                                                       | 2660                                                    | 36.52                 | 20400                                                   | 0.95                                            |                          |                                              |                                                                                                            |
| 46                                                       | 2290                                                    | 31.39                 | 20600                                                   | 1.20                                            |                          |                                              |                                                                                                            |
| 52                                                       | 2030                                                    | 27.88                 | 20600                                                   | 1.30                                            |                          |                                              |                                                                                                            |
| 58                                                       | 1820                                                    | 24.92                 | 20500                                                   | 1.40                                            |                          |                                              |                                                                                                            |
| 64                                                       | 1630                                                    | 22.41                 | 20300                                                   | 1.40                                            | KB<br>KBF<br>KBA<br>KBAF | 80<br>80<br>80<br>80                         | D160M4<br>D160M4<br>D160M4<br>D160M4<br>D160M4<br>D160M4<br>D160M4<br>D160M4<br>D160M4<br>D160M4           |
| 74                                                       | 1420                                                    | 19.45                 | 20100                                                   | 1.60                                            |                          |                                              |                                                                                                            |
| 83                                                       | 1270                                                    | 17.42                 | 19800                                                   | 1.75                                            |                          |                                              |                                                                                                            |
| 90                                                       | 1170                                                    | 16.00                 | 18800                                                   | 1.55                                            |                          |                                              |                                                                                                            |
| 100                                                      | 1050                                                    | 14.45                 | 19400                                                   | 2.0                                             |                          |                                              |                                                                                                            |
| 115                                                      | 920                                                     | 12.56                 | 18900                                                   | 2.2                                             |                          |                                              |                                                                                                            |
| 129                                                      | 810                                                     | 11.17                 | 18000                                                   | 1.85                                            |                          |                                              |                                                                                                            |
| 144                                                      | 730                                                     | 10.00                 | 17700                                                   | 2.1                                             |                          |                                              |                                                                                                            |
| 174                                                      | 605                                                     | 8.29                  | 17100                                                   | 2.3                                             |                          |                                              |                                                                                                            |
| 200                                                      | 525                                                     | 7.21                  | 16700                                                   | 2.5                                             |                          |                                              |                                                                                                            |
| 62                                                       | 1680                                                    | 23.08                 | 14400                                                   | 0.90                                            | KB<br>KBF<br>KBA<br>KBAF | 70<br>70<br>70<br>70                         | D160M4<br>D160M4<br>D160M4<br>D160M4<br>D160M4<br>D160M4<br>D160M4<br>D160M4<br>D160M4<br>D160M4<br>D160M4 |
| 71                                                       | 1480                                                    | 20.25                 | 15900                                                   | 1.00                                            |                          |                                              |                                                                                                            |
| 81                                                       | 1300                                                    | 17.87                 | 16600                                                   | 1.10                                            |                          |                                              |                                                                                                            |
| 91                                                       | 1160                                                    | 15.84                 | 16500                                                   | 1.20                                            |                          |                                              |                                                                                                            |
| 107                                                      | 990                                                     | 13.52                 | 16300                                                   | 1.35                                            |                          |                                              |                                                                                                            |
| 117                                                      | 900                                                     | 12.36                 | 15500                                                   | 1.10                                            |                          |                                              |                                                                                                            |
| 133                                                      | 790                                                     | 10.84                 | 15300                                                   | 1.25                                            |                          |                                              |                                                                                                            |
| 151                                                      | 700                                                     | 9.56                  | 15100                                                   | 1.35                                            |                          |                                              |                                                                                                            |
| 170                                                      | 620                                                     | 8.48                  | 14800                                                   | 1.45                                            |                          |                                              |                                                                                                            |
| 199                                                      | 530                                                     | 7.24                  | 14500                                                   | 1.55                                            |                          |                                              |                                                                                                            |
| 15.0kW                                                   |                                                         |                       |                                                         |                                                 |                          |                                              |                                                                                                            |
| 2.3                                                      | 56100                                                   | 622                   | 179400                                                  | 0.90                                            | KB                       | 180 H100                                     | D160L4<br>D160L4<br>D160L4<br>D160L4<br>D160L4                                                             |
| 2.8                                                      | 47000                                                   | 520                   | 190000                                                  | 1.05                                            |                          |                                              |                                                                                                            |
| 3.2                                                      | 41000                                                   | 454                   | 190000                                                  | 1.20                                            |                          |                                              |                                                                                                            |
| 4.1                                                      | 32100                                                   | 355                   | 190000                                                  | 1.55                                            |                          |                                              |                                                                                                            |
| 5.6                                                      | 23600                                                   | 261                   | 190000                                                  | 2.1                                             |                          |                                              |                                                                                                            |
| 4.6                                                      | 28700                                                   | 318                   | 150000                                                  | 1.10                                            | KB                       | 160 H100                                     | D160L4<br>D160L4<br>D160L4<br>D160L4<br>D160L4<br>D160L4<br>D160L4                                         |
| 5.3                                                      | 25000                                                   | 278                   | 150000                                                  | 1.30                                            |                          |                                              |                                                                                                            |
| 6.0                                                      | 22000                                                   | 244                   | 150000                                                  | 1.45                                            |                          |                                              |                                                                                                            |
| 6.8                                                      | 19200                                                   | 213                   | 150000                                                  | 1.65                                            |                          |                                              |                                                                                                            |
| 7.1                                                      | 18500                                                   | 206                   | 150000                                                  | 1.75                                            |                          |                                              |                                                                                                            |
| 8.1                                                      | 16200                                                   | 180                   | 150000                                                  | 1.95                                            |                          |                                              |                                                                                                            |
| 9.1                                                      | 14400                                                   | 160                   | 150000                                                  | 2.2                                             |                          |                                              |                                                                                                            |
| 6.3                                                      | 20700                                                   | 230                   | 110700                                                  | 0.85                                            | KB<br>KBF<br>KBA<br>KBAF | 150 H100<br>150 H100<br>150 H100<br>150 H100 | D160L4<br>D160L4<br>D160L4<br>D160L4<br>D160L4<br>D160L4                                                   |
| 6.9                                                      | 19200                                                   | 213                   | 116000                                                  | 0.95                                            |                          |                                              |                                                                                                            |
| 7.8                                                      | 16800                                                   | 187                   | 112800                                                  | 1.05                                            |                          |                                              |                                                                                                            |
| 9.3                                                      | 14200                                                   | 157                   | 113900                                                  | 1.25                                            |                          |                                              |                                                                                                            |
| 12                                                       | 11000                                                   | 122                   | 115000                                                  | 1.65                                            |                          |                                              |                                                                                                            |
| 14                                                       | 9630                                                    | 107                   | 115400                                                  | 1.85                                            |                          |                                              |                                                                                                            |
| 5.4                                                      | 26600                                                   | 179.86                | 190000                                                  | 1.90                                            | KB                       | 180                                          | D180L6<br>D180L6                                                                                           |
| 5.9                                                      | 24400                                                   | 165.21                | 190000                                                  | 2.0                                             |                          |                                              |                                                                                                            |
| 7.2                                                      | 19900                                                   | 134.99                | 150000                                                  | 1.60                                            | KB                       | 160                                          | D180L6<br>D180L6                                                                                           |
| 8.8                                                      | 16200                                                   | 109.83                | 150000                                                  | 1.95                                            |                          |                                              |                                                                                                            |
| 8.9                                                      | 16100                                                   | 164.50                | 150000                                                  | 2.0                                             | KB                       | 160                                          | D160L4<br>D160L4                                                                                           |
| 11                                                       | 13200                                                   | 134.99                | 150000                                                  | 2.4                                             |                          |                                              |                                                                                                            |
| 7.9                                                      | 18100                                                   | 122.39                | 112200                                                  | 1.00                                            | KB<br>KBF<br>KBA<br>KBAF | 150<br>150<br>150<br>150                     | D180L6<br>D180L6<br>D180L6<br>D180L6<br>D180L6                                                             |
| 9.7                                                      | 14800                                                   | 100.22                | 113700                                                  | 1.20                                            |                          |                                              |                                                                                                            |
| 11                                                       | 13500                                                   | 91.65                 | 114100                                                  | 1.35                                            |                          |                                              |                                                                                                            |
| 12                                                       | 11800                                                   | 79.75                 | 114800                                                  | 1.55                                            |                          |                                              |                                                                                                            |
| 14                                                       | 10400                                                   | 70.38                 | 115200                                                  | 1.75                                            |                          |                                              |                                                                                                            |
| 9.7                                                      | 14800                                                   | 150.41                | 113700                                                  | 1.20                                            | KB<br>KBF<br>KBA<br>KBAF | 150<br>150<br>150<br>150                     | D160L4<br>D160L4<br>D160L4<br>D160L4<br>D160L4                                                             |
| 12                                                       | 12000                                                   | 122.39                | 114700                                                  | 1.50                                            |                          |                                              |                                                                                                            |
| 15                                                       | 9830                                                    | 100.22                | 114200                                                  | 1.85                                            |                          |                                              |                                                                                                            |
| 16                                                       | 8990                                                    | 91.65                 | 112500                                                  | 2.0                                             |                          |                                              |                                                                                                            |
| 18                                                       | 7820                                                    | 79.75                 | 109600                                                  | 2.3                                             |                          |                                              |                                                                                                            |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>fB | 机型号<br>Model |          |         |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------|--------------|----------|---------|
| 15.0kW                                                   |                                                         |                       |                                                         |                                     |              |          |         |
| 11                                                       | 13400                                                   | 136.14                | 79000                                                   | 0.95                                | KB           | 120      | D160L4  |
| 12                                                       | 12000                                                   | 122.48                | 79700                                                   | 1.10                                | KBF          | 120      | D160L4  |
| 13                                                       | 10800                                                   | 110.18                | 80300                                                   | 1.20                                | KBA          | 120      | D160L4  |
|                                                          |                                                         |                       |                                                         |                                     | KBAF         | 120      | D160L4  |
| 16                                                       | 8820                                                    | 89.89                 | 81200                                                   | 1.45                                |              |          |         |
| 18                                                       | 8040                                                    | 81.98                 | 81400                                                   | 1.60                                | KB           | 120      | D160L4  |
| 21                                                       | 6960                                                    | 70.95                 | 81600                                                   | 1.85                                | KBF          | 120      | D160L4  |
| 23                                                       | 6140                                                    | 62.60                 | 80000                                                   | 2.1                                 | KBA          | 120      | D160L4  |
| 27                                                       | 5300                                                    | 54.07                 | 78000                                                   | 2.5                                 | KBAF         | 120      | D160L4  |
| 31                                                       | 4690                                                    | 47.82                 | 76200                                                   | 2.8                                 |              |          |         |
| 16                                                       | 8920                                                    | 90.96                 | 50900                                                   | 0.90                                | KB           | 100      | D160L4  |
| 18                                                       | 8110                                                    | 82.61                 | 51100                                                   | 1.00                                | KBF          | 100      | D160L4  |
| 20                                                       | 7190                                                    | 73.30                 | 51200                                                   | 1.10                                | KBA          | 100      | D160L4  |
| 22                                                       | 6530                                                    | 66.52                 | 51000                                                   | 1.25                                | KBAF         | 100      | D160L4  |
| 26                                                       | 5610                                                    | 57.17                 | 50600                                                   | 1.45                                |              |          |         |
| 29                                                       | 4900                                                    | 49.90                 | 50000                                                   | 1.60                                |              |          |         |
| 34                                                       | 4150                                                    | 42.33                 | 49100                                                   | 1.75                                | KB           | 100      | D160L4  |
| 39                                                       | 3630                                                    | 37.00                 | 48200                                                   | 2.0                                 | KBF          | 100      | D160L4  |
| 45                                                       | 3210                                                    | 32.69                 | 47300                                                   | 2.2                                 | KBA          | 100      | D160L4  |
| 47                                                       | 3070                                                    | 31.28                 | 47000                                                   | 2.2                                 | KBAF         | 100      | D160L4  |
| 50                                                       | 2840                                                    | 29.00                 | 46400                                                   | 2.5                                 |              |          |         |
| 30                                                       | 4700                                                    | 47.93                 | 28100                                                   | 0.90                                |              |          |         |
| 35                                                       | 4110                                                    | 41.87                 | 28400                                                   | 1.05                                | KB           | 90       | D160L4  |
| 38                                                       | 3760                                                    | 38.30                 | 28500                                                   | 1.15                                | KBF          | 90       | D160L4  |
| 43                                                       | 3360                                                    | 34.23                 | 28500                                                   | 1.30                                | KBA          | 90       | D160L4  |
| 47                                                       | 3020                                                    | 30.82                 | 28400                                                   | 1.40                                | KBAF         | 90       | D160L4  |
| 52                                                       | 2740                                                    | 27.91                 | 28300                                                   | 1.55                                |              |          |         |
| 59                                                       | 2430                                                    | 24.75                 | 28000                                                   | 1.75                                | KB           | 90       | D160L4  |
| 65                                                       | 2190                                                    | 22.37                 | 27700                                                   | 1.95                                | KBF          | 90       | D160L4  |
| 77                                                       | 1860                                                    | 18.96                 | 27200                                                   | 2.3                                 | KBA          | 90       | D160L4  |
| 88                                                       | 1620                                                    | 16.56                 | 26600                                                   | 2.7                                 | KBAF         | 90       | D160L4  |
| 47                                                       | 3080                                                    | 31.39                 | 17300                                                   | 0.90                                |              |          |         |
| 52                                                       | 2730                                                    | 27.88                 | 17600                                                   | 0.95                                | KB           | 80       | D160L4  |
| 59                                                       | 2440                                                    | 24.92                 | 17800                                                   | 1.00                                | KBF          | 80       | D160L4  |
| 65                                                       | 2200                                                    | 22.41                 | 18000                                                   | 1.05                                | KBA          | 80       | D160L4  |
| 75                                                       | 1910                                                    | 19.45                 | 18000                                                   | 1.20                                | KBAF         | 80       | D160L4  |
| 84                                                       | 1710                                                    | 17.42                 | 18000                                                   | 1.30                                |              |          |         |
| 91                                                       | 1570                                                    | 16.00                 | 16800                                                   | 1.15                                |              |          |         |
| 101                                                      | 1420                                                    | 14.45                 | 17800                                                   | 1.50                                | KB           | 80       | D160L4  |
| 116                                                      | 1230                                                    | 12.56                 | 17600                                                   | 1.60                                | KBF          | 80       | D160L4  |
| 131                                                      | 1100                                                    | 11.17                 | 16600                                                   | 1.35                                | KBA          | 80       | D160L4  |
| 146                                                      | 980                                                     | 10.00                 | 16400                                                   | 1.55                                | KBAF         | 80       | D160L4  |
| 176                                                      | 810                                                     | 8.29                  | 16000                                                   | 1.70                                |              |          |         |
| 202                                                      | 705                                                     | 7.21                  | 15700                                                   | 1.85                                |              |          |         |
| 18.5kW                                                   |                                                         |                       |                                                         |                                     |              |          |         |
| 2.8                                                      | 57800                                                   | 520                   | 176300                                                  | 0.85                                |              |          |         |
| 3.2                                                      | 50400                                                   | 454                   | 189200                                                  | 1.00                                |              |          |         |
| 4.1                                                      | 39500                                                   | 355                   | 190000                                                  | 1.25                                | KB           | 160 H100 | D180M4  |
| 5.6                                                      | 29000                                                   | 261                   | 190000                                                  | 1.70                                |              |          |         |
| 6.6                                                      | 24600                                                   | 221                   | 190000                                                  | 2.0                                 |              |          |         |
| 4.6                                                      | 35300                                                   | 318                   | 150000                                                  | 0.90                                |              |          |         |
| 5.3                                                      | 30800                                                   | 278                   | 150000                                                  | 1.05                                |              |          |         |
| 6.0                                                      | 27100                                                   | 244                   | 150000                                                  | 1.20                                |              |          |         |
| 6.9                                                      | 23600                                                   | 213                   | 150000                                                  | 1.35                                |              |          |         |
| 7.1                                                      | 22800                                                   | 206                   | 150000                                                  | 1.40                                | KB           | 160 H100 | D180M4  |
| 8.1                                                      | 20000                                                   | 180                   | 150000                                                  | 1.60                                |              |          |         |
| 9.2                                                      | 17700                                                   | 160                   | 150000                                                  | 1.80                                |              |          |         |
| 11                                                       | 15000                                                   | 135                   | 150000                                                  | 2.1                                 |              |          |         |
| 12                                                       | 13100                                                   | 118                   | 150000                                                  | 2.4                                 |              |          |         |
| 7.8                                                      | 20700                                                   | 187                   | 110700                                                  | 0.85                                | KB           | 150 H100 | D180M4  |
| 9.3                                                      | 17400                                                   | 157                   | 112500                                                  | 1.05                                | KBF          | 150 H100 | D180M4  |
| 12                                                       | 13600                                                   | 122                   | 114100                                                  | 1.35                                | KBA          | 150 H100 | D180M4  |
| 14                                                       | 11900                                                   | 107                   | 112300                                                  | 1.50                                | KBAF         | 150 H100 | D180M4  |
| 5.4                                                      | 32800                                                   | 179.86                | 190000                                                  | 1.55                                |              |          |         |
| 5.9                                                      | 30100                                                   | 165.21                | 190000                                                  | 1.65                                | KB           | 180      | D200LS6 |
| 6.7                                                      | 26300                                                   | 144.59                | 190000                                                  | 1.90                                |              |          |         |
| 7.5                                                      | 23600                                                   | 129.69                | 190000                                                  | 2.1                                 |              |          |         |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model             |                                                      |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------------------|------------------------------------------------------|
| 18.5kW                                                   |                                                         |                       |                                                         |                                                 |                          |                                                      |
| 8.1                                                      | 21700                                                   | 179.86                | 190000                                                  | 2.3                                             | KB                       | 180 D180M4                                           |
| 8.9                                                      | 19900                                                   | 165.21                | 190000                                                  | 2.5                                             |                          |                                                      |
| 10                                                       | 17400                                                   | 144.59                | 190000                                                  | 2.9                                             |                          |                                                      |
| 11                                                       | 15600                                                   | 129.69                | 190000                                                  | 3.2                                             |                          |                                                      |
| 11                                                       | 16300                                                   | 134.99                | 150000                                                  | 1.95                                            | KB                       | 160 D180M4                                           |
| 13                                                       | 13200                                                   | 109.83                | 150000                                                  | 2.4                                             |                          |                                                      |
| 17                                                       | 10600                                                   | 87.86                 | 150000                                                  | 3.0                                             |                          |                                                      |
| 9.7                                                      | 18300                                                   | 100.22                | 112100                                                  | 1.00                                            | KB                       | 150 D200LS6                                          |
| 11                                                       | 16700                                                   | 91.65                 | 112800                                                  | 1.10                                            | KBF                      | 150 D200LS6                                          |
| 12                                                       | 14500                                                   | 79.75                 | 111500                                                  | 1.25                                            | KBA                      | 150 D200LS6                                          |
| 14                                                       | 12800                                                   | 70.38                 | 109900                                                  | 1.40                                            | KBAF                     | 150 D200LS6                                          |
| 12                                                       | 14800                                                   | 122.39                | 111600                                                  | 1.20                                            | KB<br>KBF<br>KBA<br>KBAF | 150 D180M4<br>150 D180M4<br>150 D180M4<br>150 D180M4 |
| 15                                                       | 12100                                                   | 100.22                | 109100                                                  | 1.50                                            |                          |                                                      |
| 16                                                       | 11100                                                   | 91.65                 | 107800                                                  | 1.65                                            |                          |                                                      |
| 18                                                       | 9620                                                    | 79.75                 | 105600                                                  | 1.85                                            |                          |                                                      |
| 21                                                       | 8490                                                    | 70.38                 | 103400                                                  | 2.1                                             |                          |                                                      |
| 24                                                       | 7360                                                    | 61.02                 | 100700                                                  | 2.5                                             |                          |                                                      |
| 27                                                       | 6550                                                    | 54.29                 | 98500                                                   | 2.8                                             |                          |                                                      |
| 31                                                       | 5640                                                    | 46.79                 | 95500                                                   | 3.2                                             |                          |                                                      |
| 39                                                       | 4580                                                    | 38.02                 | 91300                                                   | 3.9                                             |                          |                                                      |
| 13                                                       | 13300                                                   | 110.18                | 79000                                                   | 1.00                                            | KB                       | 120 D180M4                                           |
| 16                                                       | 10800                                                   | 89.89                 | 79000                                                   | 1.20                                            | KBF                      | 120 D180M4                                           |
| 18                                                       | 9890                                                    | 81.98                 | 78500                                                   | 1.30                                            | KBA                      | 120 D180M4                                           |
|                                                          |                                                         |                       |                                                         |                                                 | KBAF                     | 120 D180M4                                           |
| 21                                                       | 8560                                                    | 70.95                 | 77500                                                   | 1.50                                            | KB<br>KBF<br>KBA<br>KBAF | 120 D180M4<br>120 D180M4<br>120 D180M4<br>120 D180M4 |
| 23                                                       | 7550                                                    | 62.60                 | 76400                                                   | 1.70                                            |                          |                                                      |
| 27                                                       | 6520                                                    | 54.07                 | 74800                                                   | 2.0                                             |                          |                                                      |
| 31                                                       | 5770                                                    | 47.82                 | 73400                                                   | 2.2                                             |                          |                                                      |
| 36                                                       | 4850                                                    | 40.19                 | 71300                                                   | 2.7                                             |                          |                                                      |
| 40                                                       | 4370                                                    | 36.25                 | 69900                                                   | 3.0                                             |                          |                                                      |
| 47                                                       | 3780                                                    | 31.37                 | 68000                                                   | 3.4                                             |                          |                                                      |
| 53                                                       | 3340                                                    | 27.68                 | 66200                                                   | 3.9                                             |                          |                                                      |
| 20                                                       | 8840                                                    | 73.30                 | 46300                                                   | 0.90                                            | KB                       | 100 D180M4                                           |
| 22                                                       | 8020                                                    | 66.52                 | 46600                                                   | 1.00                                            | KBF                      | 100 D180M4                                           |
| 26                                                       | 6890                                                    | 57.17                 | 46800                                                   | 1.15                                            | KBA                      | 100 D180M4                                           |
| 29                                                       | 6020                                                    | 49.90                 | 46700                                                   | 1.30                                            | KBAF                     | 100 D180M4                                           |
| 35                                                       | 5100                                                    | 42.33                 | 46300                                                   | 1.45                                            | KB<br>KBF<br>KBA<br>KBAF | 100 D180M4<br>100 D180M4<br>100 D180M4<br>100 D180M4 |
| 40                                                       | 4460                                                    | 37.00                 | 45700                                                   | 1.60                                            |                          |                                                      |
| 45                                                       | 3940                                                    | 32.69                 | 45100                                                   | 1.85                                            |                          |                                                      |
| 47                                                       | 3770                                                    | 31.28                 | 44900                                                   | 1.80                                            |                          |                                                      |
| 51                                                       | 3500                                                    | 29.00                 | 44400                                                   | 2.1                                             |                          |                                                      |
| 56                                                       | 3170                                                    | 26.32                 | 43800                                                   | 2.3                                             |                          |                                                      |
| 65                                                       | 2730                                                    | 22.62                 | 42700                                                   | 2.6                                             |                          |                                                      |
| 74                                                       | 2380                                                    | 19.74                 | 41700                                                   | 3.0                                             |                          |                                                      |
| 88                                                       | 2020                                                    | 16.75                 | 40400                                                   | 3.5                                             |                          |                                                      |
| 35                                                       | 5050                                                    | 41.87                 | 25100                                                   | 0.85                                            | KB                       | 90 D180M4                                            |
| 48                                                       | 3720                                                    | 30.82                 | 26000                                                   | 1.15                                            | KBF                      | 90 D180M4                                            |
| 53                                                       | 3360                                                    | 27.91                 | 26000                                                   | 1.30                                            | KBA                      | 90 D180M4                                            |
| 59                                                       | 2980                                                    | 24.75                 | 26000                                                   | 1.45                                            | KBAF                     | 90 D180M4                                            |
| 65                                                       | 2700                                                    | 22.37                 | 25900                                                   | 1.60                                            | KB<br>KBF<br>KBA<br>KBAF | 90 D180M4<br>90 D180M4<br>90 D180M4<br>90 D180M4     |
| 77                                                       | 2290                                                    | 18.96                 | 25700                                                   | 1.90                                            |                          |                                                      |
| 88                                                       | 2000                                                    | 16.56                 | 25300                                                   | 2.2                                             |                          |                                                      |
| 106                                                      | 1670                                                    | 13.85                 | 24800                                                   | 2.6                                             |                          |                                                      |
| 122                                                      | 1450                                                    | 11.99                 | 24300                                                   | 2.7                                             |                          |                                                      |
| 59                                                       | 3000                                                    | 24.92                 | 15600                                                   | 0.85                                            | KB<br>KBF<br>KBA<br>KBAF | 80 D180M4<br>80 D180M4<br>80 D180M4<br>80 D180M4     |
| 65                                                       | 2700                                                    | 22.41                 | 15900                                                   | 0.85                                            |                          |                                                      |
| 75                                                       | 2340                                                    | 19.45                 | 16200                                                   | 1.00                                            |                          |                                                      |
| 84                                                       | 2100                                                    | 17.42                 | 16400                                                   | 1.05                                            |                          |                                                      |
| 101                                                      | 1740                                                    | 14.45                 | 16500                                                   | 1.20                                            |                          |                                                      |
| 117                                                      | 1510                                                    | 12.56                 | 16400                                                   | 1.30                                            |                          |                                                      |
| 131                                                      | 1350                                                    | 11.17                 | 15400                                                   | 1.10                                            |                          |                                                      |
| 147                                                      | 1210                                                    | 10.00                 | 15300                                                   | 1.25                                            |                          |                                                      |
| 177                                                      | 1000                                                    | 8.29                  | 15100                                                   | 1.40                                            |                          |                                                      |
| 203                                                      | 870                                                     | 7.21                  | 14900                                                   | 1.50                                            |                          |                                                      |



| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model              |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|---------------------------|
| <b>22kW</b>                                              |                                                         |                       |                                                         |                                                 |                           |
| 40                                                       | 5310                                                    | 37.00                 | 43200                                                   | 1.35                                            |                           |
| 45                                                       | 4690                                                    | 32.69                 | 42900                                                   | 1.55                                            |                           |
| 47                                                       | 4490                                                    | 31.28                 | 42800                                                   | 1.50                                            |                           |
| 51                                                       | 4160                                                    | 29.00                 | 42500                                                   | 1.75                                            |                           |
| 56                                                       | 3770                                                    | 26.32                 | 42000                                                   | 1.90                                            | <b>KB 100 D180L4</b>      |
| 65                                                       | 3240                                                    | 22.62                 | 41200                                                   | 2.2                                             | <b>KBF 100 D180L4</b>     |
| 74                                                       | 2830                                                    | 19.74                 | 40400                                                   | 2.5                                             | <b>KBA 100 D180L4</b>     |
| 88                                                       | 2400                                                    | 16.75                 | 39300                                                   | 2.9                                             | <b>KBAF 100 D180L4</b>    |
| 100                                                      | 2100                                                    | 14.64                 | 38400                                                   | 3.3                                             |                           |
| 109                                                      | 1930                                                    | 13.43                 | 36800                                                   | 2.2                                             |                           |
| 125                                                      | 1680                                                    | 11.73                 | 35900                                                   | 2.6                                             |                           |
| 147                                                      | 1430                                                    | 9.94                  | 34800                                                   | 2.9                                             |                           |
| 48                                                       | 4420                                                    | 30.82                 | 23500                                                   | 0.95                                            | <b>KB 90 D180L4</b>       |
| 53                                                       | 4000                                                    | 27.91                 | 23800                                                   | 1.05                                            | <b>KBF 90 D180L4</b>      |
| 59                                                       | 3550                                                    | 24.75                 | 24100                                                   | 1.20                                            | <b>KBA 90 D180L4</b>      |
| 65                                                       | 3210                                                    | 22.37                 | 24200                                                   | 1.35                                            | <b>KBAF 90 D180L4</b>     |
| 77                                                       | 2720                                                    | 18.96                 | 24100                                                   | 1.60                                            |                           |
| 88                                                       | 2370                                                    | 16.56                 | 24000                                                   | 1.80                                            | <b>KB 90 D180L4</b>       |
| 106                                                      | 1990                                                    | 13.85                 | 23700                                                   | 2.2                                             | <b>KBF 90 D180L4</b>      |
| 122                                                      | 1720                                                    | 11.99                 | 23300                                                   | 2.3                                             | <b>KBA 90 D180L4</b>      |
| 141                                                      | 1490                                                    | 10.41                 | 21800                                                   | 1.90                                            | <b>KBAF 90 D180L4</b>     |
| 168                                                      | 1250                                                    | 8.71                  | 21300                                                   | 2.1                                             |                           |
| 75                                                       | 2790                                                    | 19.45                 | 14400                                                   | 0.80                                            |                           |
| 84                                                       | 2500                                                    | 17.42                 | 14800                                                   | 0.90                                            |                           |
| 101                                                      | 2070                                                    | 14.45                 | 15100                                                   | 1.00                                            | <b>KB 80 D180L4</b>       |
| 117                                                      | 1800                                                    | 12.56                 | 15300                                                   | 1.10                                            | <b>KBF 80 D180L4</b>      |
| 131                                                      | 1600                                                    | 11.17                 | 14200                                                   | 0.95                                            | <b>KBA 80 D180L4</b>      |
| 147                                                      | 1430                                                    | 10.00                 | 14200                                                   | 1.05                                            | <b>KBAF 80 D180L4</b>     |
| 177                                                      | 1190                                                    | 8.29                  | 14300                                                   | 1.20                                            |                           |
| 203                                                      | 1030                                                    | 7.21                  | 14200                                                   | 1.25                                            |                           |
| <b>30kW</b>                                              |                                                         |                       |                                                         |                                                 |                           |
| 5.6                                                      | 47000                                                   | 261                   | 190000                                                  | 1.05                                            |                           |
| 6.6                                                      | 39800                                                   | 221                   | 190000                                                  | 1.25                                            | <b>KB 180 H100 D200L4</b> |
| 7.6                                                      | 34800                                                   | 193                   | 190000                                                  | 1.45                                            |                           |
| 9.0                                                      | 29400                                                   | 163                   | 190000                                                  | 1.70                                            |                           |
| 6.9                                                      | 38300                                                   | 213                   | 150000                                                  | 0.85                                            |                           |
| 7.1                                                      | 37000                                                   | 206                   | 150000                                                  | 0.85                                            |                           |
| 8.1                                                      | 32400                                                   | 180                   | 150000                                                  | 1.00                                            | <b>KB 160 H100 D200L4</b> |
| 9.2                                                      | 28700                                                   | 160                   | 150000                                                  | 1.10                                            |                           |
| 11                                                       | 24400                                                   | 135                   | 150000                                                  | 1.30                                            |                           |
| 12                                                       | 21300                                                   | 118                   | 150000                                                  | 1.50                                            |                           |
| 8.2                                                      | 35100                                                   | 179.86                | 190000                                                  | 1.45                                            |                           |
| 8.9                                                      | 32200                                                   | 165.21                | 190000                                                  | 1.55                                            |                           |
| 10                                                       | 28200                                                   | 144.59                | 190000                                                  | 1.75                                            |                           |
| 11                                                       | 25300                                                   | 129.69                | 190000                                                  | 2.0                                             | <b>KB 180 D200L4</b>      |
| 13                                                       | 21900                                                   | 112.60                | 190000                                                  | 2.3                                             |                           |
| 14                                                       | 19900                                                   | 102.16                | 190000                                                  | 2.5                                             |                           |
| 17                                                       | 17200                                                   | 88.00                 | 190000                                                  | 2.9                                             |                           |
| 13                                                       | 21400                                                   | 109.83                | 150000                                                  | 1.50                                            |                           |
| 17                                                       | 17100                                                   | 87.86                 | 150000                                                  | 1.85                                            |                           |
| 19                                                       | 15200                                                   | 78.14                 | 150000                                                  | 2.1                                             | <b>KB 160 D200L4</b>      |
| 22                                                       | 13300                                                   | 68.07                 | 150000                                                  | 2.4                                             |                           |
| 24                                                       | 11800                                                   | 60.74                 | 150000                                                  | 2.7                                             |                           |
| 15                                                       | 19500                                                   | 100.22                | 92700                                                   | 0.90                                            |                           |
| 16                                                       | 17900                                                   | 91.65                 | 92800                                                   | 1.00                                            |                           |
| 18                                                       | 15500                                                   | 79.75                 | 92400                                                   | 1.15                                            | <b>KB 150 D200L4</b>      |
| 21                                                       | 13700                                                   | 70.38                 | 91800                                                   | 1.30                                            | <b>KBF 150 D200L4</b>     |
| 24                                                       | 11900                                                   | 61.02                 | 90700                                                   | 1.50                                            | <b>KBA 150 D200L4</b>     |
| 27                                                       | 10600                                                   | 54.29                 | 89500                                                   | 1.70                                            | <b>KBAF 150 D200L4</b>    |
| 31                                                       | 9120                                                    | 46.79                 | 87800                                                   | 1.95                                            |                           |
| 39                                                       | 7410                                                    | 38.02                 | 85100                                                   | 2.4                                             |                           |
| 47                                                       | 6100                                                    | 31.30                 | 82200                                                   | 3.0                                             |                           |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model              |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|---------------------------|
| <b>30kW</b>                                              |                                                         |                       |                                                         |                                                 |                           |
| 21                                                       | 13800                                                   | 70.95                 | 64200                                                   | 0.95                                            |                           |
| 23                                                       | 12200                                                   | 62.60                 | 64600                                                   | 1.05                                            |                           |
| 27                                                       | 10500                                                   | 54.07                 | 64700                                                   | 1.25                                            | <b>KB 120 D200L4</b>      |
| 31                                                       | 9320                                                    | 47.82                 | 64400                                                   | 1.40                                            | <b>KBF 120 D200L4</b>     |
| 37                                                       | 7830                                                    | 40.19                 | 63700                                                   | 1.65                                            | <b>KBA 120 D200L4</b>     |
| 41                                                       | 7060                                                    | 36.25                 | 63100                                                   | 1.85                                            | <b>KBAF 120 D200L4</b>    |
| 47                                                       | 6110                                                    | 31.37                 | 62000                                                   | 2.1                                             |                           |
| 53                                                       | 5390                                                    | 27.68                 | 61000                                                   | 2.4                                             |                           |
| 62                                                       | 4660                                                    | 23.91                 | 59600                                                   | 2.8                                             |                           |
| 35                                                       | 8250                                                    | 42.33                 | 36100                                                   | 0.90                                            | <b>KB 100 D200L4</b>      |
| 40                                                       | 7210                                                    | 37.00                 | 37600                                                   | 1.00                                            | <b>KBF 100 D200L4</b>     |
| 47                                                       | 6100                                                    | 31.28                 | 38000                                                   | 1.10                                            | <b>KBA 100 D200L4</b>     |
| 51                                                       | 5650                                                    | 29.00                 | 38000                                                   | 1.25                                            |                           |
| 56                                                       | 5130                                                    | 26.32                 | 38000                                                   | 1.40                                            |                           |
| 65                                                       | 4410                                                    | 22.62                 | 37700                                                   | 1.65                                            | <b>KB 100 D200L4</b>      |
| 74                                                       | 3850                                                    | 19.74                 | 37400                                                   | 1.85                                            | <b>KBF 100 D200L4</b>     |
| 88                                                       | 3260                                                    | 16.75                 | 36700                                                   | 2.2                                             | <b>KBA 100 D200L4</b>     |
| 100                                                      | 2850                                                    | 14.64                 | 36100                                                   | 2.4                                             | <b>KBAF 100 D200L4</b>    |
| 109                                                      | 2620                                                    | 13.43                 | 34400                                                   | 1.65                                            |                           |
| 125                                                      | 2280                                                    | 11.73                 | 33800                                                   | 1.90                                            |                           |
| 148                                                      | 1940                                                    | 9.94                  | 33000                                                   | 2.2                                             |                           |
| 169                                                      | 1690                                                    | 8.69                  | 32200                                                   | 2.4                                             |                           |
| 59                                                       | 4820                                                    | 24.75                 | 19600                                                   | 0.90                                            |                           |
| 66                                                       | 4360                                                    | 22.37                 | 20100                                                   | 1.00                                            |                           |
| 78                                                       | 3690                                                    | 18.96                 | 20700                                                   | 1.15                                            | <b>KB 90 D200L4</b>       |
| 89                                                       | 3230                                                    | 16.56                 | 21000                                                   | 1.35                                            | <b>KBF 90 D200L4</b>      |
| 106                                                      | 2700                                                    | 13.85                 | 21200                                                   | 1.60                                            | <b>KBA 90 D200L4</b>      |
| 123                                                      | 2340                                                    | 11.99                 | 21100                                                   | 1.65                                            | <b>KBAF 90 D200L4</b>     |
| 141                                                      | 2030                                                    | 10.41                 | 19500                                                   | 1.40                                            |                           |
| 169                                                      | 1700                                                    | 8.71                  | 19400                                                   | 1.55                                            |                           |
| <b>37kW</b>                                              |                                                         |                       |                                                         |                                                 |                           |
| 5.6                                                      | 58000                                                   | 261                   | 176000                                                  | 0.85                                            |                           |
| 6.6                                                      | 49200                                                   | 221                   | 190000                                                  | 1.00                                            | <b>KB 180 H100 D225S4</b> |
| 7.6                                                      | 43000                                                   | 193                   | 190000                                                  | 1.15                                            |                           |
| 9.0                                                      | 36300                                                   | 163                   | 190000                                                  | 1.40                                            |                           |
| 8.1                                                      | 40000                                                   | 180                   | 150000                                                  | 0.80                                            |                           |
| 9.2                                                      | 35500                                                   | 160                   | 150000                                                  | 0.90                                            | <b>KB 160 H100 D225S4</b> |
| 11                                                       | 30100                                                   | 135                   | 150000                                                  | 1.05                                            |                           |
| 12                                                       | 26300                                                   | 118                   | 150000                                                  | 1.20                                            |                           |
| 8.2                                                      | 43200                                                   | 179.86                | 190000                                                  | 1.15                                            |                           |
| 8.9                                                      | 39700                                                   | 165.21                | 190000                                                  | 1.25                                            |                           |
| 10                                                       | 34800                                                   | 144.59                | 190000                                                  | 1.45                                            | <b>KB 180 D225S4</b>      |
| 11                                                       | 31200                                                   | 129.69                | 190000                                                  | 1.60                                            |                           |
| 13                                                       | 27100                                                   | 112.60                | 190000                                                  | 1.85                                            |                           |
| 14                                                       | 24600                                                   | 102.16                | 190000                                                  | 2.0                                             |                           |
| 17                                                       | 21200                                                   | 88.00                 | 190000                                                  | 2.4                                             |                           |
| 13                                                       | 26400                                                   | 109.83                | 150000                                                  | 1.20                                            |                           |
| 17                                                       | 21100                                                   | 87.86                 | 150000                                                  | 1.50                                            |                           |
| 19                                                       | 18800                                                   | 78.14                 | 150000                                                  | 1.70                                            | <b>KB 160 D225S4</b>      |
| 22                                                       | 16400                                                   | 68.07                 | 150000                                                  | 1.95                                            |                           |
| 24                                                       | 14600                                                   | 60.74                 | 150000                                                  | 2.2                                             |                           |
| 28                                                       | 12400                                                   | 51.77                 | 150000                                                  | 2.6                                             |                           |
| 16                                                       | 22000                                                   | 91.65                 | 83600                                                   | 0.80                                            | <b>KB 150 D225S4</b>      |
| 18                                                       | 19200                                                   | 79.75                 | 84500                                                   | 0.95                                            | <b>KBF 150 D225S4</b>     |
|                                                          |                                                         |                       |                                                         |                                                 | <b>KBA 150 D225S4</b>     |
|                                                          |                                                         |                       |                                                         |                                                 | <b>KBAF 150 D225S4</b>    |
| 21                                                       | 16900                                                   | 70.38                 | 84800                                                   | 1.05                                            |                           |
| 24                                                       | 14700                                                   | 61.02                 | 84600                                                   | 1.25                                            | <b>KB 150 D225S4</b>      |
| 27                                                       | 13000                                                   | 54.29                 | 84100                                                   | 1.40                                            | <b>KBF 150 D225S4</b>     |
| 31                                                       | 11200                                                   | 46.79                 | 83200                                                   | 1.60                                            | <b>KBA 150 D225S4</b>     |
| 39                                                       | 9140                                                    | 38.02                 | 81300                                                   | 1.95                                            | <b>KBAF 150 D225S4</b>    |
| 47                                                       | 7520                                                    | 31.30                 | 79100                                                   | 2.4                                             |                           |
| 23                                                       | 15000                                                   | 62.60                 | 57500                                                   | 0.85                                            | <b>KB 120 D225S4</b>      |
| 27                                                       | 13000                                                   | 54.07                 | 58500                                                   | 1.00                                            | <b>KBF 120 D225S4</b>     |
| 31                                                       | 11500                                                   | 47.82                 | 59000                                                   | 1.15                                            | <b>KBA 120 D225S4</b>     |
| 37                                                       | 9660                                                    | 40.19                 | 59100                                                   | 1.35                                            | <b>KBAF 120 D225S4</b>    |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model |                 |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------|-----------------|
| 37kW                                                     |                                                         |                       |                                                         |                                                 |              |                 |
| 41                                                       | 8710                                                    | 36.25                 | 59000                                                   | 1.50                                            |              |                 |
| 47                                                       | 7540                                                    | 31.37                 | 58500                                                   | 1.70                                            |              |                 |
| 53                                                       | 6650                                                    | 27.68                 | 57800                                                   | 1.95                                            |              |                 |
| 62                                                       | 5740                                                    | 23.91                 | 56900                                                   | 2.3                                             | KB           | 120 D225S4      |
| 70                                                       | 5080                                                    | 21.15                 | 56000                                                   | 2.6                                             | KBF          | 120 D225S4      |
| 83                                                       | 4270                                                    | 17.77                 | 54500                                                   | 3.0                                             | KBA          | 120 D225S4      |
| 102                                                      | 3450                                                    | 14.35                 | 52500                                                   | 3.5                                             | KBAF         | 120 D225S4      |
| 115                                                      | 3070                                                    | 12.79                 | 50200                                                   | 2.8                                             |              |                 |
| 137                                                      | 2580                                                    | 10.74                 | 48600                                                   | 3.1                                             |              |                 |
| 169                                                      | 2090                                                    | 8.68                  | 46600                                                   | 3.5                                             |              |                 |
|                                                          |                                                         |                       |                                                         |                                                 |              |                 |
| 40                                                       | 8890                                                    | 37.00                 | 29000                                                   | 0.80                                            |              |                 |
| 47                                                       | 7520                                                    | 31.28                 | 33000                                                   | 0.90                                            |              |                 |
| 51                                                       | 6970                                                    | 29.00                 | 34200                                                   | 1.05                                            |              |                 |
| 56                                                       | 6320                                                    | 26.32                 | 34500                                                   | 1.15                                            | KB           | 100 D225S4      |
| 65                                                       | 5440                                                    | 22.62                 | 34700                                                   | 1.30                                            | KBF          | 100 D225S4      |
| 74                                                       | 4740                                                    | 19.74                 | 34700                                                   | 1.50                                            | KBA          | 100 D225S4      |
| 88                                                       | 4020                                                    | 16.75                 | 34500                                                   | 1.75                                            | KBAF         | 100 D225S4      |
| 100                                                      | 3520                                                    | 14.64                 | 34200                                                   | 1.95                                            |              |                 |
| 109                                                      | 3230                                                    | 13.43                 | 32300                                                   | 1.35                                            |              |                 |
| 125                                                      | 2820                                                    | 11.73                 | 32000                                                   | 1.55                                            |              |                 |
| 148                                                      | 2390                                                    | 9.94                  | 31400                                                   | 1.75                                            |              |                 |
| 169                                                      | 2090                                                    | 8.69                  | 30900                                                   | 1.95                                            |              |                 |
| 45kW                                                     |                                                         |                       |                                                         |                                                 |              |                 |
| 6.6                                                      | 59800                                                   | 221                   | 172600                                                  | 0.85                                            |              |                 |
| 7.6                                                      | 52300                                                   | 193                   | 186100                                                  | 1.95                                            | KB           | 180 H100 D225M4 |
| 9.0                                                      | 44200                                                   | 163                   | 190000                                                  | 1.15                                            |              |                 |
|                                                          |                                                         |                       |                                                         |                                                 |              |                 |
| 11                                                       | 36600                                                   | 135                   | 150000                                                  | 0.85                                            | KB           | 160 H100 D225M4 |
| 12                                                       | 32000                                                   | 118                   | 150000                                                  | 1.00                                            |              |                 |
|                                                          |                                                         |                       |                                                         |                                                 |              |                 |
| 8.2                                                      | 52600                                                   | 179.86                | 185500                                                  | 0.95                                            |              |                 |
| 8.9                                                      | 48300                                                   | 165.21                | 190000                                                  | 1.05                                            |              |                 |
| 10                                                       | 42300                                                   | 144.59                | 190000                                                  | 1.20                                            |              |                 |
| 11                                                       | 37900                                                   | 129.69                | 190000                                                  | 1.30                                            | KB           | 180 D225M4      |
| 13                                                       | 32900                                                   | 112.60                | 190000                                                  | 1.50                                            |              |                 |
| 14                                                       | 29900                                                   | 102.16                | 190000                                                  | 1.65                                            |              |                 |
| 17                                                       | 25700                                                   | 88.00                 | 190000                                                  | 1.95                                            |              |                 |
| 20                                                       | 21600                                                   | 73.96                 | 187700                                                  | 2.3                                             |              |                 |
|                                                          |                                                         |                       |                                                         |                                                 |              |                 |
| 13                                                       | 32100                                                   | 109.83                | 150000                                                  | 1.00                                            |              |                 |
| 17                                                       | 25700                                                   | 87.86                 | 150000                                                  | 1.25                                            |              |                 |
| 19                                                       | 22800                                                   | 78.14                 | 150000                                                  | 1.40                                            |              |                 |
| 22                                                       | 19900                                                   | 68.07                 | 150000                                                  | 1.60                                            | KB           | 160 D225M4      |
| 24                                                       | 17800                                                   | 60.74                 | 149000                                                  | 1.80                                            |              |                 |
| 28                                                       | 15100                                                   | 51.77                 | 145600                                                  | 2.1                                             |              |                 |
| 34                                                       | 12500                                                   | 42.89                 | 140600                                                  | 2.5                                             |              |                 |
|                                                          |                                                         |                       |                                                         |                                                 |              |                 |
| 21                                                       | 20600                                                   | 70.38                 | 76800                                                   | 0.85                                            |              |                 |
| 24                                                       | 17800                                                   | 61.02                 | 77700                                                   | 1.00                                            |              |                 |
| 27                                                       | 15900                                                   | 54.29                 | 77900                                                   | 1.15                                            |              |                 |
| 31                                                       | 13700                                                   | 46.79                 | 77800                                                   | 1.30                                            | KB           | 150 D225M4      |
| 39                                                       | 11100                                                   | 38.02                 | 76900                                                   | 1.60                                            | KBF          | 150 D225M4      |
| 47                                                       | 9150                                                    | 31.30                 | 75500                                                   | 1.95                                            | KBA          | 150 D225M4      |
| 53                                                       | 8080                                                    | 27.62                 | 74300                                                   | 2.2                                             | KBAF         | 150 D225M4      |
| 61                                                       | 7000                                                    | 23.95                 | 72800                                                   | 2.6                                             |              |                 |
| 69                                                       | 6230                                                    | 21.31                 | 71500                                                   | 2.9                                             |              |                 |
| 80                                                       | 5370                                                    | 18.37                 | 69700                                                   | 3.3                                             |              |                 |
|                                                          |                                                         |                       |                                                         |                                                 |              |                 |
| 31                                                       | 14000                                                   | 47.82                 | 52800                                                   | 0.95                                            | KB           | 120 D225M4      |
| 37                                                       | 11700                                                   | 40.19                 | 53900                                                   | 1.10                                            | KBF          | 120 D225M4      |
| 41                                                       | 10600                                                   | 36.25                 | 54200                                                   | 1.25                                            | KBA          | 120 D225M4      |
|                                                          |                                                         |                       |                                                         |                                                 | KBAF         | 120 D225M4      |
|                                                          |                                                         |                       |                                                         |                                                 |              |                 |
| 47                                                       | 9170                                                    | 31.37                 | 54400                                                   | 1.40                                            |              |                 |
| 53                                                       | 8090                                                    | 27.68                 | 54200                                                   | 1.60                                            |              |                 |
| 62                                                       | 6990                                                    | 23.91                 | 53800                                                   | 1.85                                            | KB           | 120 D225M4      |
| 70                                                       | 6180                                                    | 21.15                 | 53200                                                   | 2.1                                             | KBF          | 120 D225M4      |
| 83                                                       | 5190                                                    | 17.77                 | 52200                                                   | 2.5                                             | KBA          | 120 D225M4      |
| 102                                                      | 4190                                                    | 14.35                 | 50700                                                   | 2.9                                             | KBAF         | 120 D225M4      |
| 115                                                      | 3740                                                    | 12.79                 | 48300                                                   | 2.3                                             |              |                 |
| 137                                                      | 3140                                                    | 10.74                 | 47000                                                   | 2.5                                             |              |                 |
| 169                                                      | 2540                                                    | 8.68                  | 45300                                                   | 2.8                                             |              |                 |



| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model             |     |        |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------------------|-----|--------|
| 75kW                                                     |                                                         |                       |                                                         |                                                 |                          |     |        |
| 39                                                       | 18400                                                   | 38.02                 | 60800                                                   | 1.00                                            | KB<br>KBF<br>KBA<br>KBAF | 150 | D280S4 |
| 47                                                       | 15100                                                   | 31.30                 | 62200                                                   | 1.20                                            |                          |     |        |
| 54                                                       | 13400                                                   | 27.62                 | 62600                                                   | 1.35                                            |                          |     |        |
| 62                                                       | 11600                                                   | 23.95                 | 62600                                                   | 1.55                                            |                          |     |        |
| 69                                                       | 10300                                                   | 21.31                 | 62400                                                   | 1.75                                            |                          |     |        |
| 81                                                       | 8890                                                    | 18.37                 | 61800                                                   | 2.0                                             |                          |     |        |
| 99                                                       | 7220                                                    | 14.92                 | 60500                                                   | 2.5                                             |                          |     |        |
| 117                                                      | 6120                                                    | 12.65                 | 59300                                                   | 2.8                                             |                          |     |        |
| 47                                                       | 15200                                                   | 31.37                 | 39200                                                   | 0.85                                            | KB<br>KBF<br>KBA<br>KBAF | 120 | D280S4 |
| 53                                                       | 13400                                                   | 27.68                 | 40800                                                   | 0.95                                            |                          |     |        |
| 62                                                       | 11600                                                   | 23.91                 | 42200                                                   | 1.10                                            |                          |     |        |
| 70                                                       | 10200                                                   | 21.15                 | 42900                                                   | 1.25                                            |                          |     |        |
| 83                                                       | 8600                                                    | 17.77                 | 43500                                                   | 1.50                                            |                          |     |        |
| 103                                                      | 6940                                                    | 14.35                 | 43700                                                   | 1.75                                            |                          |     |        |
| 116                                                      | 6190                                                    | 12.79                 | 41100                                                   | 1.40                                            |                          |     |        |
| 138                                                      | 5200                                                    | 10.74                 | 41000                                                   | 1.55                                            |                          |     |        |
| 171                                                      | 4200                                                    | 8.68                  | 40400                                                   | 1.70                                            |                          |     |        |
| 90kW                                                     |                                                         |                       |                                                         |                                                 |                          |     |        |
| 14                                                       | 59300                                                   | 102.16                | 151300                                                  | 0.85                                            | KB                       | 180 | D280M4 |
| 17                                                       | 51100                                                   | 88.00                 | 153400                                                  | 1.00                                            |                          |     |        |
| 20                                                       | 42900                                                   | 73.96                 | 154200                                                  | 1.15                                            |                          |     |        |
| 23                                                       | 37200                                                   | 64.04                 | 153800                                                  | 1.35                                            |                          |     |        |
| 28                                                       | 31000                                                   | 53.36                 | 152200                                                  | 1.60                                            |                          |     |        |
| 33                                                       | 26400                                                   | 45.50                 | 149900                                                  | 1.90                                            |                          |     |        |
| 35                                                       | 24700                                                   | 42.51                 | 148700                                                  | 2.0                                             |                          |     |        |
| 38                                                       | 22400                                                   | 38.57                 | 146900                                                  | 2.2                                             |                          |     |        |
| 22                                                       | 39500                                                   | 68.07                 | 115100                                                  | 0.80                                            | KB                       | 160 | D280M4 |
| 24                                                       | 35300                                                   | 60.74                 | 116600                                                  | 0.90                                            |                          |     |        |
| 29                                                       | 30100                                                   | 51.77                 | 117600                                                  | 1.05                                            |                          |     |        |
| 35                                                       | 24900                                                   | 42.89                 | 117600                                                  | 1.30                                            |                          |     |        |
| 40                                                       | 21300                                                   | 36.61                 | 116700                                                  | 1.50                                            |                          |     |        |
| 46                                                       | 18700                                                   | 32.25                 | 115500                                                  | 1.70                                            |                          |     |        |
| 51                                                       | 16700                                                   | 28.77                 | 114200                                                  | 1.90                                            |                          |     |        |
| 60                                                       | 14200                                                   | 24.52                 | 111900                                                  | 2.2                                             |                          |     |        |
| 73                                                       | 11800                                                   | 20.32                 | 108800                                                  | 2.7                                             |                          |     |        |
| 85                                                       | 10100                                                   | 17.34                 | 106000                                                  | 3.2                                             |                          |     |        |
| 39                                                       | 22100                                                   | 38.02                 | 52700                                                   | 0.80                                            | KB<br>KBF<br>KBA<br>KBAF | 150 | D280M4 |
| 47                                                       | 18200                                                   | 31.30                 | 55500                                                   | 1.00                                            |                          |     |        |
| 54                                                       | 16000                                                   | 27.62                 | 56700                                                   | 1.10                                            |                          |     |        |
| 62                                                       | 13900                                                   | 23.95                 | 57500                                                   | 1.30                                            |                          |     |        |
| 69                                                       | 12400                                                   | 21.31                 | 57900                                                   | 1.45                                            |                          |     |        |
| 81                                                       | 10700                                                   | 18.37                 | 57900                                                   | 1.70                                            |                          |     |        |
| 99                                                       | 8670                                                    | 14.92                 | 57400                                                   | 2.1                                             |                          |     |        |
| 117                                                      | 7350                                                    | 12.65                 | 56600                                                   | 2.3                                             |                          |     |        |
| 62                                                       | 13900                                                   | 23.91                 | 36400                                                   | 0.95                                            | KB<br>KBF<br>KBA<br>KBAF | 120 | D280M4 |
| 70                                                       | 12300                                                   | 21.15                 | 37800                                                   | 1.05                                            |                          |     |        |
| 83                                                       | 10300                                                   | 17.77                 | 39200                                                   | 1.25                                            |                          |     |        |
| 103                                                      | 8330                                                    | 14.35                 | 40200                                                   | 1.45                                            |                          |     |        |
| 116                                                      | 7420                                                    | 12.79                 | 37600                                                   | 1.15                                            |                          |     |        |
| 138                                                      | 6240                                                    | 10.74                 | 38000                                                   | 1.30                                            |                          |     |        |
| 171                                                      | 5040                                                    | 8.68                  | 38000                                                   | 1.45                                            |                          |     |        |
| 110kW                                                    |                                                         |                       |                                                         |                                                 |                          |     |        |
| 17                                                       | 62300                                                   | 88.00                 | 136000                                                  | 0.80                                            | KB                       | 180 | D315S4 |
| 20                                                       | 52300                                                   | 73.96                 | 139500                                                  | 0.95                                            |                          |     |        |
| 23                                                       | 45300                                                   | 64.04                 | 141000                                                  | 1.10                                            |                          |     |        |
| 28                                                       | 37700                                                   | 53.36                 | 141500                                                  | 1.30                                            |                          |     |        |
| 33                                                       | 32200                                                   | 45.50                 | 140800                                                  | 1.55                                            |                          |     |        |
| 35                                                       | 30100                                                   | 42.51                 | 140200                                                  | 1.65                                            |                          |     |        |
| 39                                                       | 27300                                                   | 38.57                 | 139100                                                  | 1.85                                            |                          |     |        |
| 45                                                       | 23500                                                   | 33.23                 | 137000                                                  | 2.1                                             |                          |     |        |
| 53                                                       | 19800                                                   | 27.92                 | 134000                                                  | 2.5                                             |                          |     |        |
| 29                                                       | 36600                                                   | 51.77                 | 105500                                                  | 0.85                                            | KB                       | 160 | D315S4 |
| 35                                                       | 30300                                                   | 42.89                 | 107500                                                  | 1.05                                            |                          |     |        |
| 41                                                       | 25900                                                   | 36.61                 | 108100                                                  | 1.25                                            |                          |     |        |
| 46                                                       | 22800                                                   | 32.25                 | 107900                                                  | 1.40                                            |                          |     |        |
| 52                                                       | 20400                                                   | 28.77                 | 107400                                                  | 1.55                                            |                          |     |        |
| 61                                                       | 17300                                                   | 24.52                 | 106100                                                  | 1.85                                            |                          |     |        |
| 73                                                       | 14400                                                   | 20.32                 | 104000                                                  | 2.2                                             |                          |     |        |
| 86                                                       | 12300                                                   | 17.34                 | 101800                                                  | 2.6                                             |                          |     |        |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model             |     |         |    |     |        |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------------------|-----|---------|----|-----|--------|
| 110kW                                                    |                                                         |                       |                                                         |                                                 |                          |     |         |    |     |        |
| 62                                                       | 16900                                                   | 23.95                 | 50800                                                   | 1.05                                            | KB<br>KBF<br>KBA<br>KBAF | 150 | D315S4  |    |     |        |
| 70                                                       | 15100                                                   | 21.31                 | 51900                                                   | 1.20                                            |                          |     | D315S4  |    |     |        |
| 81                                                       | 13000                                                   | 18.37                 | 52700                                                   | 1.40                                            |                          |     | D315S4  |    |     |        |
| 100                                                      | 10600                                                   | 14.92                 | 53100                                                   | 1.70                                            |                          |     | D315S4  |    |     |        |
| 117                                                      | 8950                                                    | 12.65                 | 53000                                                   | 1.90                                            |                          |     | D315S4  |    |     |        |
| 132kW                                                    |                                                         |                       |                                                         |                                                 |                          |     |         |    |     |        |
| 20                                                       | 62800                                                   | 73.96                 | 123300                                                  | 0.80                                            | KB                       | 180 | D315M4  |    |     |        |
| 23                                                       | 54400                                                   | 64.04                 | 127000                                                  | 0.90                                            |                          |     |         |    |     |        |
| 28                                                       | 45300                                                   | 53.36                 | 129800                                                  | 1.10                                            |                          |     |         |    |     |        |
| 33                                                       | 38600                                                   | 45.50                 | 130800                                                  | 1.30                                            |                          |     |         |    |     |        |
| 35                                                       | 36100                                                   | 42.51                 | 130900                                                  | 1.40                                            |                          |     |         |    |     |        |
| 39                                                       | 32700                                                   | 38.57                 | 130700                                                  | 1.55                                            |                          |     |         |    |     |        |
| 45                                                       | 28200                                                   | 33.23                 | 129800                                                  | 1.75                                            |                          |     |         |    |     |        |
| 53                                                       | 23700                                                   | 27.92                 | 127900                                                  | 2.1                                             |                          |     |         |    |     |        |
| 61                                                       | 20500                                                   | 24.18                 | 125900                                                  | 2.3                                             |                          |     |         |    |     |        |
| 74                                                       | 17100                                                   | 20.15                 | 122800                                                  | 2.6                                             |                          |     |         |    |     |        |
| 86                                                       | 14600                                                   | 17.18                 | 119700                                                  | 2.8                                             |                          |     |         |    |     |        |
| 35                                                       | 36400                                                   | 42.89                 | 96400                                                   | 0.90                                            |                          |     |         | KB | 160 | D315M4 |
| 41                                                       | 31100                                                   | 36.61                 | 98600                                                   | 1.05                                            |                          |     |         |    |     |        |
| 46                                                       | 27400                                                   | 32.25                 | 99600                                                   | 1.15                                            |                          |     |         |    |     |        |
| 52                                                       | 24400                                                   | 28.77                 | 99900                                                   | 1.30                                            |                          |     |         |    |     |        |
| 61                                                       | 20800                                                   | 24.52                 | 99800                                                   | 1.55                                            |                          |     |         |    |     |        |
| 73                                                       | 17200                                                   | 20.32                 | 98700                                                   | 1.85                                            |                          |     |         |    |     |        |
| 86                                                       | 14700                                                   | 17.34                 | 97300                                                   | 2.2                                             |                          |     |         |    |     |        |
| 62                                                       | 20300                                                   | 23.95                 | 43400                                                   | 0.90                                            | KB<br>KBF<br>KBA<br>KBAF | 150 | D315M4  |    |     |        |
| 70                                                       | 18100                                                   | 21.31                 | 45300                                                   | 1.00                                            |                          |     | D315M4  |    |     |        |
| 81                                                       | 15600                                                   | 18.37                 | 47000                                                   | 1.15                                            |                          |     | D315M4  |    |     |        |
| 100                                                      | 12700                                                   | 14.92                 | 48500                                                   | 1.40                                            |                          |     | D315M4  |    |     |        |
| 117                                                      | 10700                                                   | 12.65                 | 49100                                                   | 1.60                                            |                          |     | D315M4  |    |     |        |
| 160kW                                                    |                                                         |                       |                                                         |                                                 |                          |     |         |    |     |        |
| 28                                                       | 54900                                                   | 53.36                 | 114900                                                  | 0.90                                            | KB                       | 180 | D315M4a |    |     |        |
| 33                                                       | 46800                                                   | 45.50                 | 118100                                                  | 1.05                                            |                          |     |         |    |     |        |
| 45                                                       | 34200                                                   | 33.23                 | 120500                                                  | 1.45                                            |                          |     |         |    |     |        |
| 53                                                       | 28700                                                   | 27.92                 | 120100                                                  | 1.75                                            |                          |     |         |    |     |        |
| 61                                                       | 24900                                                   | 24.18                 | 119100                                                  | 1.90                                            |                          |     |         |    |     |        |
| 74                                                       | 20700                                                   | 20.15                 | 117200                                                  | 2.1                                             |                          |     |         |    |     |        |
| 86                                                       | 17700                                                   | 17.18                 | 114900                                                  | 2.3                                             |                          |     |         |    |     |        |
| 41                                                       | 37700                                                   | 36.61                 | 86500                                                   | 0.85                                            | KB                       | 160 | D315M4a |    |     |        |
| 61                                                       | 25200                                                   | 24.52                 | 91700                                                   | 1.25                                            |                          |     |         |    |     |        |
| 73                                                       | 20900                                                   | 20.32                 | 92000                                                   | 1.55                                            |                          |     |         |    |     |        |
| 86                                                       | 17800                                                   | 17.34                 | 91600                                                   | 1.80                                            |                          |     |         |    |     |        |
| 81                                                       | 18900                                                   | 18.37                 | 39800                                                   | 0.95                                            | KB<br>KBF<br>KBA<br>KBAF | 150 | D315M4a |    |     |        |
| 100                                                      | 15400                                                   | 14.92                 | 42600                                                   | 1.15                                            |                          |     | D315M4a |    |     |        |
| 117                                                      | 13000                                                   | 12.65                 | 44100                                                   | 1.30                                            |                          |     | D315M4a |    |     |        |
| 200kW                                                    |                                                         |                       |                                                         |                                                 |                          |     |         |    |     |        |
| 33                                                       | 58500                                                   | 45.50                 | 100000                                                  | 0.85                                            | KB                       | 180 | D315M4b |    |     |        |
| 45                                                       | 42700                                                   | 33.23                 | 107300                                                  | 1.15                                            |                          |     |         |    |     |        |
| 53                                                       | 35900                                                   | 27.92                 | 109000                                                  | 1.40                                            |                          |     |         |    |     |        |
| 61                                                       | 31100                                                   | 24.18                 | 109500                                                  | 1.55                                            |                          |     |         |    |     |        |
| 74                                                       | 25900                                                   | 20.15                 | 109100                                                  | 1.70                                            |                          |     |         |    |     |        |
| 86                                                       | 22100                                                   | 17.18                 | 108100                                                  | 1.85                                            |                          |     |         |    |     |        |
| 61                                                       | 31500                                                   | 24.52                 | 80100                                                   | 1.00                                            | KB                       | 160 | D315M4b |    |     |        |
| 73                                                       | 26100                                                   | 20.32                 | 82400                                                   | 1.20                                            |                          |     |         |    |     |        |
| 86                                                       | 22300                                                   | 17.34                 | 83400                                                   | 1.45                                            |                          |     |         |    |     |        |
| 100                                                      | 19200                                                   | 14.92                 | 34200                                                   | 0.95                                            | KB<br>KBF<br>KBA<br>KBAF | 150 | D315M4b |    |     |        |
| 117                                                      | 16300                                                   | 12.65                 | 36900                                                   | 1.05                                            |                          |     | D315M4b |    |     |        |
|                                                          |                                                         |                       |                                                         |                                                 |                          |     | D315M4b |    |     |        |
|                                                          |                                                         |                       |                                                         |                                                 |                          |     | D315M4b |    |     |        |

| 输出<br>转矩<br>Output<br>torque<br>Ta<br>[N·m] | 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 机型号<br>Model |        |       |
|---------------------------------------------|----------------------------------------------------------|-----------------------|---------------------------------------------------------|--------------|--------|-------|
| 200                                         |                                                          |                       |                                                         |              |        |       |
|                                             | 0.20                                                     | 6832                  | 5640                                                    |              |        |       |
|                                             | 0.23                                                     | 5922                  | 5640                                                    |              |        |       |
|                                             | 0.25                                                     | 5491                  | 5640                                                    |              |        |       |
|                                             | 0.29                                                     | 4759                  | 5640                                                    |              |        |       |
|                                             | 0.33                                                     | 4160                  | 5640                                                    |              |        |       |
|                                             | 0.38                                                     | 3645                  | 5640                                                    | KB           | 30 H10 | D63S4 |
|                                             | 0.43                                                     | 3205                  | 5640                                                    | KBF          | 30 H10 | D63S4 |
|                                             | 0.49                                                     | 2801                  | 5640                                                    | KBA          | 30 H10 | D63S4 |
|                                             | 0.56                                                     | 2454                  | 5640                                                    | KBAF         | 30 H10 | D63S4 |
|                                             | 0.64                                                     | 2166                  | 5640                                                    |              |        |       |
|                                             | 0.73                                                     | 1891                  | 5640                                                    |              |        |       |
|                                             | 0.83                                                     | 1660                  | 5640                                                    |              |        |       |
|                                             | 0.94                                                     | 1466                  | 5640                                                    |              |        |       |
|                                             | 1.1                                                      | 1288                  | 5640                                                    |              |        |       |
|                                             | 1.2                                                      | 1136                  | 5640                                                    |              |        |       |
|                                             | 1.4                                                      | 996                   | 5640                                                    |              |        |       |
|                                             | 1.6                                                      | 876                   | 5640                                                    |              |        |       |
|                                             | 1.8                                                      | 761                   | 5640                                                    |              |        |       |
|                                             | 2.1                                                      | 671                   | 5640                                                    | KB           | 30 H10 | D63S4 |
|                                             | 2.4                                                      | 585                   | 5640                                                    | KBF          | 30 H10 | D63S4 |
|                                             | 2.7                                                      | 512                   | 5640                                                    | KBA          | 30 H10 | D63S4 |
|                                             | 3.1                                                      | 451                   | 5640                                                    | KBAF         | 30 H10 | D63S4 |
|                                             | 3.5                                                      | 396                   | 5640                                                    |              |        |       |
|                                             | 4.0                                                      | 346                   | 5640                                                    |              |        |       |
|                                             | 4.3                                                      | 304                   | 5640                                                    | KB           | 30 H10 | D63M4 |
|                                             | 4.9                                                      | 267                   | 5640                                                    | KBF          | 30 H10 | D63M4 |
|                                             | 5.7                                                      | 234                   | 5640                                                    | KBA          | 30 H10 | D63M4 |
|                                             | 6.4                                                      | 205                   | 5640                                                    | KBAF         | 30 H10 | D63M4 |
|                                             | 7.2                                                      | 181                   | 5640                                                    | KB           | 30 H10 | D63L4 |
|                                             | 8.1                                                      | 160                   | 5640                                                    | KBF          | 30 H10 | D63L4 |
|                                             | 9.5                                                      | 136                   | 5640                                                    | KBA          | 30 H10 | D63L4 |
|                                             | 10                                                       | 127                   | 5640                                                    | KBAF         | 30 H10 | D63L4 |
|                                             |                                                          |                       |                                                         | KB           | 30 H10 | D71D4 |
|                                             | 12                                                       | 110                   | 5640                                                    | KBF          | 30 H10 | D71D4 |
|                                             | 14                                                       | 96                    | 5640                                                    | KBA          | 30 H10 | D71D4 |
|                                             |                                                          |                       |                                                         | KBAF         | 30 H10 | D71D4 |
| 400                                         |                                                          |                       |                                                         |              |        |       |
|                                             | 0.14                                                     | 10138                 | 5920                                                    |              |        |       |
|                                             | 0.16                                                     | 8534                  | 5920                                                    |              |        |       |
|                                             | 0.18                                                     | 7662                  | 5920                                                    |              |        |       |
|                                             | 0.20                                                     | 6826                  | 5920                                                    |              |        |       |
|                                             | 0.23                                                     | 5983                  | 5920                                                    |              |        |       |
|                                             | 0.27                                                     | 5159                  | 5920                                                    |              |        |       |
|                                             | 0.30                                                     | 4601                  | 5920                                                    | KB           | 40 H30 | D63S4 |
|                                             | 0.35                                                     | 3940                  | 5920                                                    | KBF          | 40 H30 | D63S4 |
|                                             | 0.40                                                     | 3477                  | 5920                                                    | KBA          | 40 H30 | D63S4 |
|                                             | 0.45                                                     | 3043                  | 5920                                                    | KBAF         | 40 H30 | D63S4 |
|                                             | 0.51                                                     | 2733                  | 5920                                                    |              |        |       |
|                                             | 0.59                                                     | 2354                  | 5920                                                    |              |        |       |
|                                             | 0.67                                                     | 2063                  | 5920                                                    |              |        |       |
|                                             | 0.76                                                     | 1819                  | 5920                                                    |              |        |       |
|                                             | 0.87                                                     | 1586                  | 5920                                                    |              |        |       |
|                                             | 0.99                                                     | 1388                  | 5920                                                    |              |        |       |
|                                             | 1.1                                                      | 1222                  | 5920                                                    |              |        |       |
|                                             | 1.3                                                      | 1097                  | 5920                                                    | KB           | 40 H30 | D63S4 |
|                                             | 1.5                                                      | 945                   | 5920                                                    | KBF          | 40 H30 | D63S4 |
|                                             | 1.7                                                      | 831                   | 5920                                                    | KBA          | 40 H30 | D63S4 |
|                                             | 1.9                                                      | 718                   | 5920                                                    | KBAF         | 40 H30 | D63S4 |
|                                             | 2.2                                                      | 639                   | 5920                                                    |              |        |       |
|                                             | 2.4                                                      | 552                   | 5920                                                    | KB           | 40 H30 | D63M4 |
|                                             | 2.7                                                      | 495                   | 5920                                                    | KBF          | 40 H30 | D63M4 |
|                                             | 3.1                                                      | 426                   | 5920                                                    | KBA          | 40 H30 | D63M4 |
|                                             |                                                          |                       |                                                         | KBAF         | 40 H30 | D63M4 |
|                                             | 3.5                                                      | 375                   | 5920                                                    | KB           | 40 H30 | D63L4 |
|                                             | 4.0                                                      | 327                   | 5920                                                    | KBF          | 40 H30 | D63L4 |
|                                             | 4.5                                                      | 289                   | 5920                                                    | KBA          | 40 H30 | D63L4 |
|                                             |                                                          |                       |                                                         | KBAF         | 40 H30 | D63L4 |



| 输出<br>转矩<br>Output<br>torque<br>Ta<br>[N·m] | 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 机型号<br>Model |        |       |
|---------------------------------------------|----------------------------------------------------------|-----------------------|---------------------------------------------------------|--------------|--------|-------|
| 820                                         |                                                          |                       |                                                         |              |        |       |
|                                             | 0.79                                                     | 1739                  | 10300                                                   | KB           | 60 H30 | D63S4 |
|                                             | 0.90                                                     | 1535                  | 10300                                                   | KBF          | 60 H30 | D63S4 |
|                                             | 1.0                                                      | 1351                  | 10300                                                   | KBA          | 60 H30 | D63S4 |
|                                             |                                                          |                       |                                                         | KBAF         | 60 H30 | D63S4 |
|                                             | 1.1                                                      | 1171                  | 10300                                                   | KB           | 60 H30 | D63M4 |
|                                             | 1.3                                                      | 1034                  | 10300                                                   | KBF          | 60 H30 | D63M4 |
|                                             | 1.5                                                      | 903                   | 10300                                                   | KBA          | 60 H30 | D63M4 |
|                                             | 1.7                                                      | 793                   | 10300                                                   | KBAF         | 60 H30 | D63M4 |
|                                             | 1.9                                                      | 697                   | 10300                                                   | KB           | 60 H30 | D63L4 |
|                                             | 2.1                                                      | 613                   | 10300                                                   | KBF          | 60 H30 | D63L4 |
|                                             | 2.4                                                      | 542                   | 10300                                                   | KBA          | 60 H30 | D63L4 |
|                                             |                                                          |                       |                                                         | KBAF         | 60 H30 | D63L4 |
|                                             | 2.9                                                      | 471                   | 10300                                                   | KB           | 60 H30 | D71D4 |
|                                             | 3.3                                                      | 420                   | 10300                                                   | KBF          | 60 H30 | D71D4 |
|                                             |                                                          |                       |                                                         | KBA          | 60 H30 | D71D4 |
|                                             |                                                          |                       |                                                         | KBAF         | 60 H30 | D71D4 |
|                                             | 3.8                                                      | 361                   | 10300                                                   | KB           | 60 H30 | D80K4 |
|                                             | 4.2                                                      | 323                   | 10300                                                   | KBF          | 60 H30 | D80K4 |
|                                             | 4.9                                                      | 279                   | 10300                                                   | KBA          | 60 H30 | D80K4 |
|                                             | 5.5                                                      | 246                   | 10300                                                   | KBAF         | 60 H30 | D80K4 |
|                                             | 6.3                                                      | 217                   | 10300                                                   | KB           | 60 H30 | D80N4 |
|                                             | 7.2                                                      | 191                   | 10300                                                   | KBF          | 60 H30 | D80N4 |
|                                             |                                                          |                       |                                                         | KBA          | 60 H30 | D80N4 |
|                                             |                                                          |                       |                                                         | KBAF         | 60 H30 | D80N4 |
| 1550                                        |                                                          |                       |                                                         |              |        |       |
|                                             | 0.09                                                     | 15310                 | 15400                                                   |              |        |       |
|                                             | 0.10                                                     | 14043                 | 15400                                                   |              |        |       |
|                                             | 0.12                                                     | 11955                 | 15400                                                   |              |        |       |
|                                             | 0.14                                                     | 10217                 | 15400                                                   |              |        |       |
|                                             | 0.16                                                     | 8809                  | 15400                                                   |              |        |       |
|                                             | 0.18                                                     | 7528                  | 15400                                                   | KB           | 70 H30 | D63S4 |
|                                             | 0.21                                                     | 6606                  | 15400                                                   | KBF          | 70 H30 | D63S4 |
|                                             | 0.24                                                     | 5774                  | 15400                                                   | KBA          | 70 H30 | D63S4 |
|                                             | 0.27                                                     | 5089                  | 15400                                                   | KBAF         | 70 H30 | D63S4 |
|                                             | 0.31                                                     | 4489                  | 15400                                                   |              |        |       |
|                                             | 0.35                                                     | 3961                  | 15400                                                   |              |        |       |
|                                             | 0.40                                                     | 3485                  | 15400                                                   |              |        |       |
|                                             | 0.48                                                     | 2901                  | 15400                                                   |              |        |       |
|                                             | 0.51                                                     | 2717                  | 15400                                                   |              |        |       |
|                                             | 0.56                                                     | 2370                  | 15400                                                   | KB           | 70 H30 | D63M4 |
|                                             |                                                          |                       |                                                         | KBF          | 70 H30 | D63M4 |
|                                             |                                                          |                       |                                                         | KBA          | 70 H30 | D63M4 |
|                                             |                                                          |                       |                                                         | KBAF         | 70 H30 | D63M4 |
|                                             | 0.64                                                     | 2050                  | 15400                                                   | KB           | 70 H30 | D63M4 |
|                                             | 0.75                                                     | 1772                  | 15400                                                   | KBF          | 70 H30 | D63M4 |
|                                             | 0.87                                                     | 1514                  | 15400                                                   | KBA          | 70 H30 | D63M4 |
|                                             |                                                          |                       |                                                         | KBAF         | 70 H30 | D63M4 |
|                                             | 0.94                                                     | 1388                  | 15400                                                   | KB           | 70 H30 | D63L4 |
|                                             | 1.1                                                      | 1218                  | 15400                                                   | KBF          | 70 H30 | D63L4 |
|                                             | 1.2                                                      | 1053                  | 15400                                                   | KBA          | 70 H30 | D63L4 |
|                                             |                                                          |                       |                                                         | KBAF         | 70 H30 | D63L4 |
|                                             | 1.5                                                      | 924                   | 15400                                                   | KB           | 70 H30 | D71D4 |
|                                             | 1.7                                                      | 815                   | 15400                                                   | KBF          | 70 H30 | D71D4 |
|                                             | 2.0                                                      | 709                   | 15400                                                   | KBA          | 70 H30 | D71D4 |
|                                             |                                                          |                       |                                                         | KBAF         | 70 H30 | D71D4 |
|                                             | 2.2                                                      | 622                   | 15400                                                   | KB           | 70 H30 | D80K4 |
|                                             | 2.5                                                      | 552                   | 15400                                                   | KBF          | 70 H30 | D80K4 |
|                                             | 2.8                                                      | 485                   | 15400                                                   | KBA          | 70 H30 | D80K4 |
|                                             |                                                          |                       |                                                         | KBAF         | 70 H30 | D80K4 |
|                                             | 3.2                                                      | 428                   | 15400                                                   | KB           | 70 H30 | D80N4 |
|                                             | 3.8                                                      | 367                   | 15400                                                   | KBF          | 70 H30 | D80N4 |
|                                             |                                                          |                       |                                                         | KBA          | 70 H30 | D80N4 |
|                                             |                                                          |                       |                                                         | KBAF         | 70 H30 | D80N4 |

| 输出<br>转矩<br>Output<br>torque<br>Ta<br>[N·m] | 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 机型号<br>Model |        |        |
|---------------------------------------------|----------------------------------------------------------|-----------------------|---------------------------------------------------------|--------------|--------|--------|
| 1550                                        |                                                          |                       |                                                         |              |        |        |
|                                             | 4.3                                                      | 328                   | 15400                                                   | KB           | 70 H30 | D90S4  |
|                                             | 4.8                                                      | 290                   | 15400                                                   | KBF          | 70 H30 | D90S4  |
|                                             | 5.6                                                      | 252                   | 15400                                                   | KBA          | 70 H30 | D90S4  |
|                                             |                                                          |                       |                                                         | KBAF         | 70 H30 | D90S4  |
| 2700                                        |                                                          |                       |                                                         |              |        |        |
|                                             | 0.09                                                     | 14829                 | 27300                                                   |              |        |        |
|                                             | 0.10                                                     | 13168                 | 27300                                                   |              |        |        |
|                                             | 0.12                                                     | 11737                 | 27300                                                   |              |        |        |
|                                             | 0.14                                                     | 10217                 | 27300                                                   | KB           | 80 H50 | D63S4  |
|                                             | 0.15                                                     | 9073                  | 27300                                                   | KBF          | 80 H50 | D63S4  |
|                                             | 0.18                                                     | 7854                  | 27300                                                   | KBA          | 80 H50 | D63S4  |
|                                             | 0.20                                                     | 6832                  | 27300                                                   | KBAF         | 80 H50 | D63S4  |
|                                             | 0.23                                                     | 5930                  | 27300                                                   |              |        |        |
|                                             | 0.26                                                     | 5240                  | 27300                                                   |              |        |        |
|                                             | 0.30                                                     | 4562                  | 27300                                                   |              |        |        |
|                                             | 0.33                                                     | 4037                  | 27300                                                   | KB           | 80 H50 | D63M4  |
|                                             | 0.37                                                     | 3609                  | 27300                                                   | KBF          | 80 H50 | D63M4  |
|                                             | 0.42                                                     | 3107                  | 27300                                                   | KBA          | 80 H50 | D63M4  |
|                                             | 0.48                                                     | 2728                  | 27300                                                   | KBAF         | 80 H50 | D63M4  |
|                                             | 0.55                                                     | 2371                  | 27300                                                   | KB           | 80 H50 | D63L4  |
|                                             |                                                          |                       |                                                         | KBF          | 80 H50 | D63L4  |
|                                             |                                                          |                       |                                                         | KBA          | 80 H50 | D63L4  |
|                                             |                                                          |                       |                                                         | KBAF         | 80 H50 | D63L4  |
|                                             | 0.62                                                     | 2088                  | 27300                                                   | KB           | 80 H50 | D63L4  |
|                                             | 0.70                                                     | 1854                  | 27300                                                   | KBF          | 80 H50 | D63L4  |
|                                             |                                                          |                       |                                                         | KBA          | 80 H50 | D63L4  |
|                                             |                                                          |                       |                                                         | KBAF         | 80 H50 | D63L4  |
|                                             | 0.83                                                     | 1657                  | 27300                                                   | KB           | 80 H50 | D71D4  |
|                                             | 0.97                                                     | 1415                  | 27300                                                   | KBF          | 80 H50 | D71D4  |
|                                             | 1.1                                                      | 1229                  | 27300                                                   | KBA          | 80 H50 | D71D4  |
|                                             |                                                          |                       |                                                         | KBAF         | 80 H50 | D71D4  |
|                                             | 1.3                                                      | 1078                  | 27300                                                   | KB           | 80 H50 | D80K4  |
|                                             | 1.4                                                      | 951                   | 27300                                                   | KBF          | 80 H50 | D80K4  |
|                                             | 1.6                                                      | 837                   | 27300                                                   | KBA          | 80 H50 | D80K4  |
|                                             |                                                          |                       |                                                         | KBAF         | 80 H50 | D80K4  |
|                                             | 1.9                                                      | 726                   | 27300                                                   | KB           | 80 H50 | D80N4  |
|                                             | 2.2                                                      | 638                   | 27300                                                   | KBF          | 80 H50 | D80N4  |
|                                             |                                                          |                       |                                                         | KBA          | 80 H50 | D80N4  |
|                                             |                                                          |                       |                                                         | KBAF         | 80 H50 | D80N4  |
|                                             | 2.5                                                      | 562                   | 27300                                                   | KB           | 80 H50 | D90S4  |
|                                             | 3.0                                                      | 474                   | 27300                                                   | KBF          | 80 H50 | D90S4  |
|                                             | 3.3                                                      | 426                   | 27300                                                   | KBA          | 80 H50 | D90S4  |
|                                             |                                                          |                       |                                                         | KBAF         | 80 H50 | D90S4  |
|                                             | 3.8                                                      | 373                   | 27300                                                   | KB           | 80 H50 | D90L4  |
|                                             | 4.3                                                      | 330                   | 27300                                                   | KBF          | 80 H50 | D90L4  |
|                                             |                                                          |                       |                                                         | KBA          | 80 H50 | D90L4  |
|                                             |                                                          |                       |                                                         | KBAF         | 80 H50 | D90L4  |
|                                             | 4.8                                                      | 294                   | 27300                                                   | KB           | 80 H50 | D100M4 |
|                                             | 5.6                                                      | 250                   | 27300                                                   | KBF          | 80 H50 | D100M4 |
|                                             | 6.0                                                      | 236                   | 27300                                                   | KBA          | 80 H50 | D100M4 |
|                                             | 7.0                                                      | 201                   | 27300                                                   | KBAF         | 80 H50 | D100M4 |
| 4300                                        |                                                          |                       |                                                         |              |        |        |
|                                             | 0.08                                                     | 18091                 | 40000                                                   |              |        |        |
|                                             | 0.08                                                     | 16666                 | 40000                                                   |              |        |        |
|                                             | 0.09                                                     | 14897                 | 40000                                                   |              |        |        |
|                                             | 0.10                                                     | 13182                 | 40000                                                   | KB           | 90 H50 | D63S4  |
|                                             | 0.12                                                     | 11677                 | 40000                                                   | KBF          | 90 H50 | D63S4  |
|                                             | 0.13                                                     | 10317                 | 40000                                                   | KBA          | 90 H50 | D63S4  |
|                                             | 0.15                                                     | 9083                  | 40000                                                   | KBAF         | 90 H50 | D63S4  |
|                                             | 0.17                                                     | 8054                  | 40000                                                   |              |        |        |
|                                             | 0.20                                                     | 6970                  | 40000                                                   |              |        |        |
|                                             | 0.22                                                     | 6027                  | 40000                                                   | KB           | 90 H50 | D63M4  |
|                                             | 0.24                                                     | 5391                  | 40000                                                   | KBF          | 90 H50 | D63M4  |
|                                             | 0.28                                                     | 4669                  | 40000                                                   | KBA          | 90 H50 | D63M4  |
|                                             | 0.32                                                     | 4082                  | 40000                                                   | KBAF         | 90 H50 | D63M4  |

| 输出<br>转矩<br>Output<br>torque<br>Ta<br>[N·m] | 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 传动<br>比<br>Ratio<br>i        | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 机型号<br>Model             |                                          |                                      |
|---------------------------------------------|----------------------------------------------------------|------------------------------|---------------------------------------------------------|--------------------------|------------------------------------------|--------------------------------------|
| 4300                                        |                                                          |                              |                                                         |                          |                                          |                                      |
|                                             | 0.36<br>0.42                                             | 3583<br>3108                 | 40000<br>40000                                          | KB<br>KBF<br>KBA<br>KBAF | 90 H50<br>90 H50<br>90 H50<br>90 H50     | D63L4<br>D63L4<br>D63L4<br>D63L4     |
|                                             | 0.50                                                     | 2757                         | 40000                                                   | KB<br>KBF<br>KBA<br>KBAF | 90 H50<br>90 H50<br>90 H50<br>90 H50     | D71D4<br>D71D4<br>D71D4<br>D71D4     |
|                                             | 0.57<br>0.65                                             | 2419<br>2123                 | 40000<br>40000                                          | KB<br>KBF<br>KBA<br>KBAF | 90 H50<br>90 H50<br>90 H50<br>90 H50     | D71D4<br>D71D4<br>D71D4<br>D71D4     |
|                                             | 0.73<br>0.84<br>0.95<br>1.1                              | 1856<br>1625<br>1430<br>1261 | 40000<br>40000<br>40000<br>40000                        | KB<br>KBF<br>KBA<br>KBAF | 90 H50<br>90 H50<br>90 H50<br>90 H50     | D80K4<br>D80K4<br>D80K4<br>D80K4     |
|                                             | 1.2<br>1.4                                               | 1102<br>957                  | 40000<br>40000                                          | KB<br>KBF<br>KBA<br>KBAF | 90 H50<br>90 H50<br>90 H50<br>90 H50     | D80N4<br>D80N4<br>D80N4<br>D80N4     |
|                                             | 1.6<br>1.9<br>2.2                                        | 855<br>743<br>652            | 40000<br>40000<br>40000                                 | KB<br>KBF<br>KBA<br>KBAF | 90 H50<br>90 H50<br>90 H50<br>90 H50     | D90S4<br>D90S4<br>D90S4<br>D90S4     |
|                                             | 2.5<br>2.8                                               | 573<br>504                   | 40000<br>40000                                          | KB<br>KBF<br>KBA<br>KBAF | 90 H50<br>90 H50<br>90 H50<br>90 H50     | D90L4<br>D90L4<br>D90L4<br>D90L4     |
|                                             | 3.2<br>3.7<br>4.1                                        | 437<br>382<br>342            | 40000<br>40000<br>40000                                 | KB<br>KBF<br>KBA<br>KBAF | 90 H50<br>90 H50<br>90 H50<br>90 H50     | D100M4<br>D100M4<br>D100M4<br>D100M4 |
|                                             | 4.6<br>5.4<br>6.0                                        | 305<br>258<br>232            | 40000<br>40000<br>40000                                 | KB<br>KBF<br>KBA<br>KBAF | 90 H50<br>90 H50<br>90 H50<br>90 H50     | D100L4<br>D100L4<br>D100L4<br>D100L4 |
|                                             | 7.1                                                      | 199                          | 40000                                                   | KB<br>KBF<br>KBA<br>KBAF | 90 H50<br>90 H50<br>90 H50<br>90 H50     | D112M4<br>D112M4<br>D112M4<br>D112M4 |
| 8000                                        |                                                          |                              |                                                         |                          |                                          |                                      |
|                                             | 0.10<br>0.11                                             | 14311<br>12211               | 65000<br>65000                                          | KB<br>KBF<br>KBA<br>KBAF | 100 H70<br>100 H70<br>100 H70<br>100 H70 | D63S4<br>D63S4<br>D63S4<br>D63S4     |
|                                             | 0.12<br>0.14<br>0.16                                     | 10677<br>9524<br>8328        | 65000<br>65000<br>65000                                 | KB<br>KBF<br>KBA<br>KBAF | 100 H70<br>100 H70<br>100 H70<br>100 H70 | D63M4<br>D63M4<br>D63M4<br>D63M4     |
|                                             | 0.18<br>0.21<br>0.23                                     | 7270<br>6184<br>5662         | 65000<br>65000<br>65000                                 | KB<br>KBF<br>KBA<br>KBAF | 100 H70<br>100 H70<br>100 H70<br>100 H70 | D63L4<br>D63L4<br>D63L4<br>D63L4     |
|                                             | 0.27<br>0.32<br>0.36                                     | 5138<br>4359<br>3810         | 65000<br>65000<br>65000                                 | KB<br>KBF<br>KBA<br>KBAF | 100 H70<br>100 H70<br>100 H70<br>100 H70 | D71D4<br>D71D4<br>D71D4<br>D71D4     |
|                                             | 0.41<br>0.46<br>0.52                                     | 3358<br>2977<br>2599         | 65000<br>65000<br>65000                                 | KB<br>KBF<br>KBA<br>KBAF | 100 H70<br>100 H70<br>100 H70<br>100 H70 | D80K4<br>D80K4<br>D80K4<br>D80K4     |
|                                             | 0.60<br>0.71                                             | 2286<br>1939                 | 65000<br>65000                                          | KB<br>KBF<br>KBA<br>KBAF | 100 H70<br>100 H70<br>100 H70<br>100 H70 | D80N4<br>D80N4<br>D80N4<br>D80N4     |



| 输出<br>转矩<br>Output<br>torque<br>Ta<br>[N·m] | 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 机型号<br>Model |         |         |
|---------------------------------------------|----------------------------------------------------------|-----------------------|---------------------------------------------------------|--------------|---------|---------|
| 13000                                       |                                                          |                       |                                                         |              |         |         |
|                                             | 2.3                                                      | 610                   | 79200                                                   | KB           | 120 H70 | D112M4  |
|                                             | 2.6                                                      | 549                   | 79200                                                   | KBF          | 120 H70 | D112M4  |
|                                             |                                                          |                       |                                                         | KBA          | 120 H70 | D112M4  |
|                                             |                                                          |                       |                                                         | KBAF         | 120 H70 | D112M4  |
|                                             | 3.0                                                      | 477                   | 79200                                                   | KB           | 120 H70 | D132S4  |
|                                             | 3.4                                                      | 418                   | 79200                                                   | KBF          | 120 H70 | D132S4  |
|                                             |                                                          |                       |                                                         | KBA          | 120 H70 | D132S4  |
|                                             |                                                          |                       |                                                         | KBAF         | 120 H70 | D132S4  |
|                                             | 2.7                                                      | 536                   | 79200                                                   | KB           | 120 H80 | D112M4  |
|                                             |                                                          |                       |                                                         | KBF          | 120 H80 | D112M4  |
|                                             |                                                          |                       |                                                         | KBA          | 120 H80 | D112M4  |
|                                             |                                                          |                       |                                                         | KBAF         | 120 H80 | D112M4  |
|                                             | 3.0                                                      | 473                   | 79200                                                   | KB           | 120 H80 | D132S4  |
|                                             | 3.4                                                      | 418                   | 79200                                                   | KBF          | 120 H80 | D132S4  |
|                                             |                                                          |                       |                                                         | KBA          | 120 H80 | D132S4  |
|                                             |                                                          |                       |                                                         | KBAF         | 120 H80 | D132S4  |
|                                             | 3.9                                                      | 367                   | 79200                                                   | KB           | 120 H80 | D132M4  |
|                                             | 4.3                                                      | 330                   | 79200                                                   | KBF          | 120 H80 | D132M4  |
|                                             | 5.0                                                      | 287                   | 79200                                                   | KBA          | 120 H80 | D132M4  |
|                                             |                                                          |                       |                                                         | KBAF         | 120 H80 | D132M4  |
|                                             | 5.7                                                      | 253                   | 79200                                                   | KB           | 120 H80 | D132ML4 |
|                                             |                                                          |                       |                                                         | KBF          | 120 H80 | D132ML4 |
|                                             |                                                          |                       |                                                         | KBA          | 120 H80 | D132ML4 |
|                                             |                                                          |                       |                                                         | KBAF         | 120 H80 | D132ML4 |
| 18000                                       |                                                          |                       |                                                         |              |         |         |
|                                             | 0.08                                                     | 17679                 | 112200                                                  |              |         |         |
|                                             | 0.09                                                     | 15729                 | 112200                                                  |              |         |         |
|                                             | 0.09                                                     | 14721                 | 112200                                                  | KB           | 150 H90 | D80K4   |
|                                             | 0.10                                                     | 13097                 | 112200                                                  | KBF          | 150 H90 | D80K4   |
|                                             | 0.12                                                     | 11368                 | 112200                                                  | KBA          | 150 H90 | D80K4   |
|                                             | 0.13                                                     | 10114                 | 112200                                                  | KBAF         | 150 H90 | D80K4   |
|                                             | 0.16                                                     | 8718                  | 112200                                                  |              |         |         |
|                                             | 0.18                                                     | 7734                  | 112200                                                  |              |         |         |
|                                             | 0.28                                                     | 5074                  | 112200                                                  | KB           | 150 H90 | D90S4   |
|                                             | 0.31                                                     | 4514                  | 112200                                                  | KBF          | 150 H90 | D90S4   |
|                                             | 0.35                                                     | 3979                  | 112200                                                  | KBA          | 150 H90 | D90S4   |
|                                             | 0.40                                                     | 3516                  | 112200                                                  | KBAF         | 150 H90 | D90S4   |
|                                             | 0.46                                                     | 3051                  | 112200                                                  |              |         |         |
|                                             | 0.54                                                     | 2610                  | 112200                                                  | KB           | 150 H90 | D90L4   |
|                                             | 0.61                                                     | 2322                  | 112200                                                  | KBF          | 150 H90 | D90L4   |
|                                             |                                                          |                       |                                                         | KBA          | 150 H90 | D90L4   |
|                                             |                                                          |                       |                                                         | KBAF         | 150 H90 | D90L4   |
|                                             | 0.70                                                     | 2029                  | 112200                                                  | KB           | 150 H90 | D100M4  |
|                                             | 0.78                                                     | 1805                  | 112200                                                  | KBF          | 150 H90 | D100M4  |
|                                             |                                                          |                       |                                                         | KBA          | 150 H90 | D100M4  |
|                                             |                                                          |                       |                                                         | KBAF         | 150 H90 | D100M4  |
|                                             | 0.85                                                     | 1659                  | 112200                                                  | KB           | 150 H90 | D100M4  |
|                                             | 1.0                                                      | 1365                  | 112200                                                  | KBF          | 150 H90 | D100M4  |
|                                             |                                                          |                       |                                                         | KBA          | 150 H90 | D100M4  |
|                                             |                                                          |                       |                                                         | KBAF         | 150 H90 | D100M4  |
|                                             | 1.1                                                      | 1229                  | 112200                                                  | KB           | 150 H90 | D100L4  |
|                                             | 1.3                                                      | 1093                  | 112200                                                  | KBF          | 150 H90 | D100L4  |
|                                             |                                                          |                       |                                                         | KBA          | 150 H90 | D100L4  |
|                                             |                                                          |                       |                                                         | KBAF         | 150 H90 | D100L4  |
|                                             | 1.5                                                      | 942                   | 112200                                                  | KB           | 150 H90 | D112M4  |
|                                             | 1.7                                                      | 854                   | 112200                                                  | KBF          | 150 H90 | D112M4  |
|                                             | 1.9                                                      | 756                   | 112200                                                  | KBA          | 150 H90 | D112M4  |
|                                             |                                                          |                       |                                                         | KBAF         | 150 H90 | D112M4  |

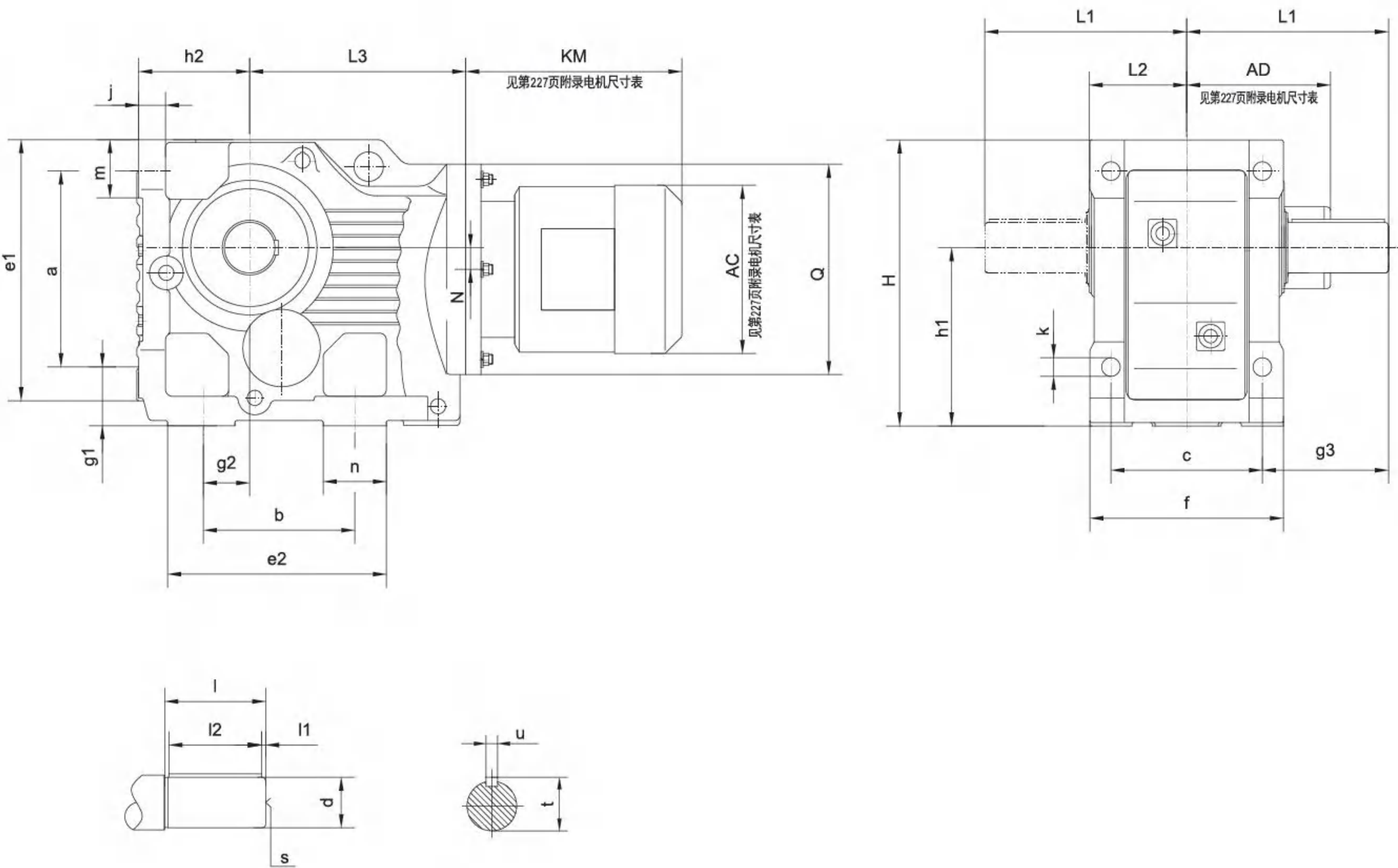
| 输出<br>转矩<br>Output<br>torque<br>Ta<br>[N·m] | 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 机型号<br>Model |          |         |
|---------------------------------------------|----------------------------------------------------------|-----------------------|---------------------------------------------------------|--------------|----------|---------|
| 18000                                       |                                                          |                       |                                                         |              |          |         |
|                                             | 2.2                                                      | 661                   | 112200                                                  | KB           | 150 H90  | D132S4  |
|                                             | 2.5                                                      | 567                   | 112200                                                  | KBF          | 150 H90  | D132S4  |
|                                             |                                                          |                       |                                                         | KBA          | 150 H90  | D132S4  |
|                                             |                                                          |                       |                                                         | KBAF         | 150 H90  | D132S4  |
|                                             | 2.8                                                      | 504                   | 112200                                                  | KB           | 150 H90  | D132M4  |
|                                             | 3.3                                                      | 434                   | 112200                                                  | KBF          | 150 H90  | D132M4  |
|                                             |                                                          |                       |                                                         | KBA          | 150 H90  | D132M4  |
|                                             |                                                          |                       |                                                         | KBAF         | 150 H90  | D132M4  |
|                                             | 3.8                                                      | 379                   | 112200                                                  | KB           | 150 H90  | D132ML4 |
|                                             | 4.3                                                      | 333                   | 112200                                                  | KBF          | 150 H90  | D132ML4 |
|                                             |                                                          |                       |                                                         | KBA          | 150 H90  | D132ML4 |
|                                             |                                                          |                       |                                                         | KBAF         | 150 H90  | D132ML4 |
|                                             | 4.9                                                      | 291                   | 112200                                                  | KB           | 150 H90  | D160M4  |
|                                             |                                                          |                       |                                                         | KBF          | 150 H90  | D160M4  |
|                                             |                                                          |                       |                                                         | KBA          | 150 H90  | D160M4  |
|                                             |                                                          |                       |                                                         | KBAF         | 150 H90  | D160M4  |
|                                             | 3.7                                                      | 385                   | 112200                                                  | KB           | 150 H100 | D132ML4 |
|                                             | 4.4                                                      | 325                   | 112200                                                  | KBF          | 150 H100 | D132ML4 |
|                                             |                                                          |                       |                                                         | KBA          | 150 H100 | D132ML4 |
|                                             |                                                          |                       |                                                         | KBAF         | 150 H100 | D132ML4 |
|                                             | 4.8                                                      | 299                   | 112200                                                  | KB           | 150 H100 | D160M4  |
|                                             |                                                          |                       |                                                         | KBF          | 150 H100 | D160M4  |
|                                             |                                                          |                       |                                                         | KBA          | 150 H100 | D160M4  |
|                                             |                                                          |                       |                                                         | KBAF         | 150 H100 | D160M4  |
|                                             | 5.8                                                      | 253                   | 112200                                                  | KB           | 150 H100 | D160L4  |
|                                             | 6.3                                                      | 230                   | 112200                                                  | KBF          | 150 H100 | D160L4  |
|                                             | 6.9                                                      | 213                   | 112200                                                  | KBA          | 150 H100 | D160L4  |
|                                             |                                                          |                       |                                                         | KBAF         | 150 H100 | D160L4  |
| 32000                                       |                                                          |                       |                                                         |              |          |         |
|                                             | 0.07                                                     | 19723                 | 150000                                                  |              |          |         |
|                                             | 0.08                                                     | 17406                 | 150000                                                  |              |          |         |
|                                             | 0.09                                                     | 15000                 | 150000                                                  | KB           | 160 H90  | D80K4   |
|                                             | 0.10                                                     | 13238                 | 150000                                                  |              |          |         |
|                                             | 0.12                                                     | 11573                 | 150000                                                  |              |          |         |
|                                             | 0.13                                                     | 10264                 | 150000                                                  |              |          |         |
|                                             | 0.16                                                     | 8628                  | 150000                                                  | KB           | 160 H90  | D80K4   |
|                                             | 0.21                                                     | 6562                  | 150000                                                  | KB           | 160 H90  | D90S4   |
|                                             | 0.26                                                     | 5355                  | 150000                                                  |              |          |         |
|                                             | 0.29                                                     | 4788                  | 150000                                                  | KB           | 160 H90  | D90L4   |
|                                             | 0.35                                                     | 4079                  | 150000                                                  |              |          |         |
|                                             | 0.42                                                     | 3376                  | 150000                                                  | KB           | 160 H90  | D100M4  |
|                                             | 0.51                                                     | 2755                  | 150000                                                  |              |          |         |
|                                             | 0.62                                                     | 2263                  | 150000                                                  | KB           | 160 H90  | D100L4  |
|                                             | 0.64                                                     | 2182                  | 150000                                                  | KB           | 160 H90  | D100L4  |
|                                             | 0.83                                                     | 1704                  | 150000                                                  | KB           | 160 H90  | D112M4  |
|                                             | 1.0                                                      | 1408                  | 150000                                                  |              |          |         |
|                                             | 1.1                                                      | 1296                  | 150000                                                  | KB           | 160 H90  | D132S4  |
|                                             | 1.3                                                      | 1101                  | 150000                                                  |              |          |         |
|                                             | 1.5                                                      | 944                   | 150000                                                  | KB           | 160 H90  | D132M4  |
|                                             | 1.7                                                      | 843                   | 150000                                                  |              |          |         |
|                                             | 1.9                                                      | 757                   | 150000                                                  |              |          |         |
|                                             | 2.3                                                      | 632                   | 150000                                                  | KB           | 160 H90  | D132ML4 |
|                                             | 2.6                                                      | 561                   | 150000                                                  | KB           | 160 H90  | D160M4  |
|                                             | 3.0                                                      | 481                   | 150000                                                  |              |          |         |

| 输出<br>转矩<br>Output<br>torque<br>Ta<br>[N·m] | 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 传动<br>比<br>Ratio<br><br>i                 | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 机型号<br><br>Model |          |         |
|---------------------------------------------|----------------------------------------------------------|-------------------------------------------|---------------------------------------------------------|------------------|----------|---------|
| 32000                                       |                                                          |                                           |                                                         |                  |          |         |
|                                             | 3.5<br>4.0                                               | 423<br>369                                | 150000<br>150000                                        | KB               | 160 H90  | D160L4  |
|                                             | 4.6                                                      | 318                                       | 150000                                                  | KB               | 160 H100 | D180M4  |
|                                             | 5.3<br>6.0                                               | 278<br>244                                | 150000<br>150000                                        | KB               | 160 H100 | D180L4  |
|                                             | 6.9<br>7.1<br>8.1                                        | 213<br>206<br>180                         | 150000<br>150000<br>150000                              | KB               | 160 H100 | D200L4  |
|                                             | 9.2                                                      | 160                                       | 150000                                                  | KB               | 160 H100 | D225S4  |
|                                             | 11<br>12                                                 | 135<br>118                                | 150000<br>150000                                        | KB               | 160 H100 | D225M4  |
| 50000                                       |                                                          |                                           |                                                         |                  |          |         |
|                                             | 0.04<br>0.05<br>0.06<br>0.07<br>0.08                     | 32625<br>27165<br>24353<br>19144<br>16978 | 189900<br>189900<br>189900<br>189900<br>189900          | KB               | 180 H90  | D80K4   |
|                                             | 0.10<br>0.11<br>0.12                                     | 14272<br>13116<br>11647                   | 189900<br>189900<br>189900                              | KB               | 180 H90  | D80N4   |
|                                             | 0.13<br>0.15<br>0.17                                     | 10413<br>9363<br>8126                     | 189900<br>189900<br>189900                              | KB               | 180 H90  | D90S4   |
|                                             | 0.19<br>0.21<br>0.24                                     | 7343<br>6747<br>5991                      | 189900<br>189900<br>189900                              | KB               | 180 H90  | D90L4   |
|                                             | 0.26<br>0.29<br>0.32                                     | 5358<br>4817<br>4370                      | 189900<br>189900<br>189900                              | KB               | 180 H90  | D100M4  |
|                                             | 0.39<br>0.46                                             | 3609<br>3062                              | 189900<br>189900                                        | KB               | 180 H90  | D100L4  |
|                                             | 0.56<br>0.63<br>0.69                                     | 2519<br>2268<br>2054                      | 189900<br>189900<br>189900                              | KB               | 180 H90  | D112M4  |
|                                             | 0.78<br>0.89                                             | 1821<br>1605                              | 189900<br>189900                                        | KB               | 180 H90  | D132S4  |
|                                             | 1.0<br>1.2                                               | 1395<br>1196                              | 189900<br>189900                                        | KB               | 180 H90  | D132M4  |
|                                             | 1.4<br>1.5                                               | 1046<br>945                               | 189900<br>189900                                        | KB               | 180 H90  | D132ML4 |
|                                             | 2.0<br>2.3                                               | 738<br>621                                | 189900<br>189900                                        | KB               | 180 H90  | D160L4  |
|                                             | 2.8                                                      | 527                                       | 189900                                                  | KB               | 180 H90  | D180M4  |

| 输出<br>转矩<br>Output<br>torque<br>Ta<br>[N·m] | 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 传动<br>比<br>Ratio<br><br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 机型号<br><br>Model |          |        |
|---------------------------------------------|----------------------------------------------------------|---------------------------|---------------------------------------------------------|------------------|----------|--------|
| 50000                                       |                                                          |                           |                                                         |                  |          |        |
|                                             | 1.7                                                      | 835                       | 189900                                                  | KB               | 180 H100 | D160M4 |
|                                             | 2.0                                                      | 729                       | 189900                                                  | KB               | 180 H100 | D160L4 |
|                                             | 2.3                                                      | 622                       | 189900                                                  |                  |          |        |
|                                             | 2.8                                                      | 520                       | 189900                                                  | KB               | 180 H100 | D180M4 |
|                                             | 3.2                                                      | 454                       | 189900                                                  |                  |          |        |
|                                             | 4.1                                                      | 355                       | 189900                                                  | KB               | 180 H100 | D200L4 |
|                                             | 5.6                                                      | 261                       | 189900                                                  | KB               | 180 H100 | D225S4 |
|                                             | 6.6                                                      | 221                       | 189900                                                  | KB               | 180 H100 | D225M4 |
|                                             | 7.6                                                      | 193                       | 189900                                                  |                  |          |        |
|                                             | 9.0                                                      | 163                       | 189900                                                  |                  |          |        |
|                                             |                                                          |                           |                                                         |                  |          |        |

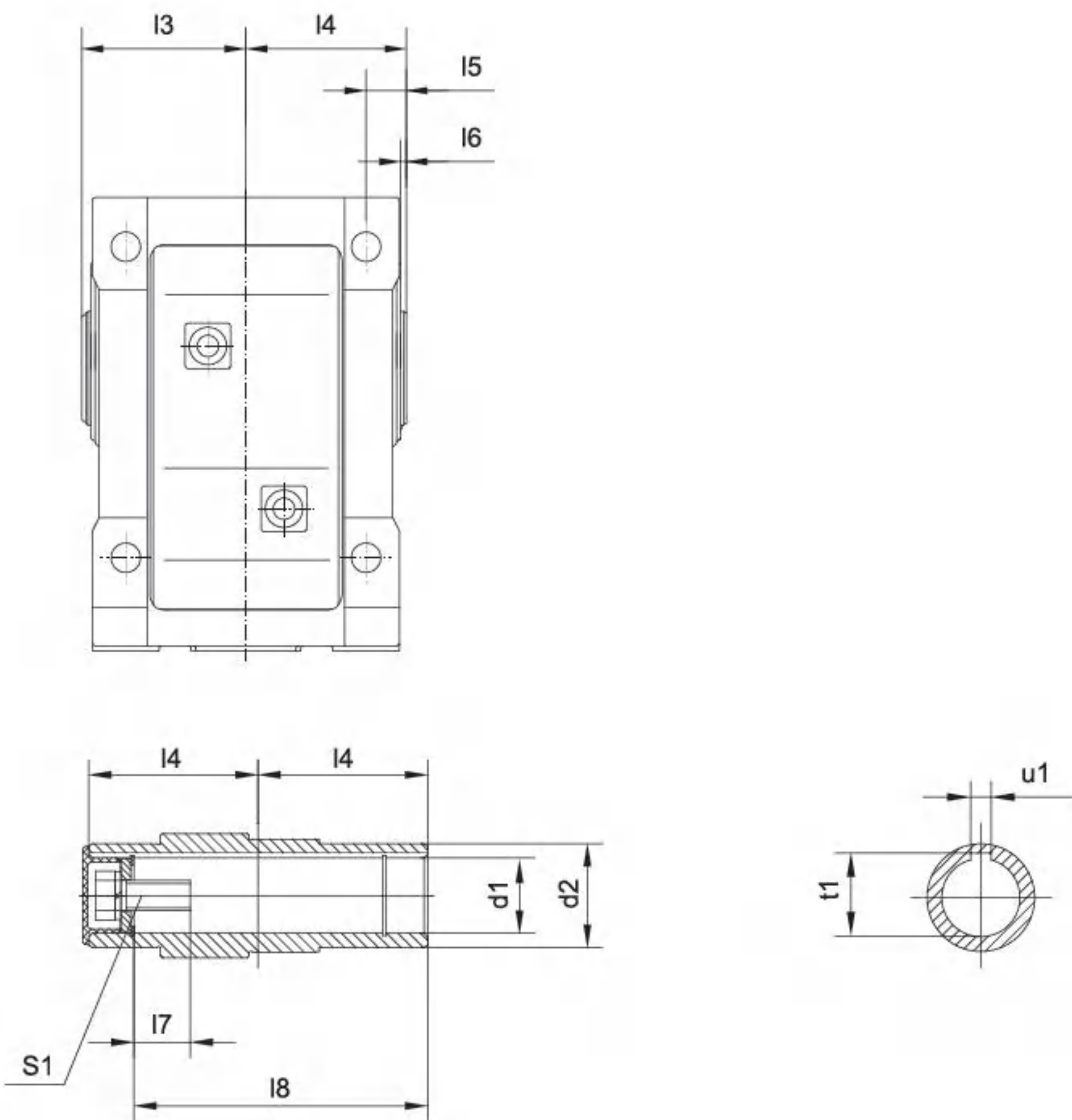


KB30..~KB150..



| 型号<br>size           | a<br>b<br>c       | e1<br>e2<br>f     | g1<br>g2<br>g3    | h1<br>h2           | j  | k    | m<br>n     | 轴伸尺寸 Shaft dimension |     |            |     |            |
|----------------------|-------------------|-------------------|-------------------|--------------------|----|------|------------|----------------------|-----|------------|-----|------------|
|                      |                   |                   |                   |                    |    |      |            | d                    | l   | l1<br>l2   | S   | t<br>u     |
| KB30..               | 115<br>110<br>100 | 150<br>143<br>120 | 32<br>28<br>60    | 100-0.5<br>63-0.5  | 16 | 11   | 37<br>38   | 25k6                 | 50  | 5<br>40    | M10 | 28<br>8    |
| KB40..<br>KBA40B..   | 130<br>130<br>120 | 170<br>162<br>145 | 37<br>35<br>75    | 112-0.5<br>71-0.5  | 18 | 11   | 37<br>32   | 30k6                 | 60  | 3.5<br>50  | M10 | 33<br>8    |
| KB50..<br>KBA50B..   | 150<br>130<br>130 | 190<br>172<br>157 | 45<br>30<br>88    | 132-0.5<br>80-0.5  | 21 | 13.5 | 43<br>40   | 35k6                 | 70  | 7<br>56    | M12 | 38<br>10   |
| KB60..<br>KBA60B..   | 160<br>120<br>140 | 203<br>170<br>170 | 45<br>30<br>101   | 140-0.5<br>90-0.5  | 24 | 13.5 | 43<br>45   | 40k6                 | 80  | 5<br>70    | M16 | 43<br>12   |
| KB70..<br>KBA70B..   | 200<br>150<br>165 | 263<br>208<br>200 | 55<br>40<br>123.5 | 180-0.5<br>112-0.5 | 27 | 17.5 | 55<br>55   | 50k6                 | 100 | 10<br>80   | M16 | 53.5<br>14 |
| KB80..<br>KBA80B..   | 233<br>180<br>180 | 305<br>260<br>230 | 70<br>55<br>150   | 212-0.5<br>132-0.5 | 32 | 22   | 67<br>75   | 60m6                 | 120 | 5<br>110   | M20 | 64<br>18   |
| KB90..<br>KBA90B..   | 295<br>240<br>240 | 372<br>294<br>290 | 75<br>75<br>171   | 265-1<br>160-0.5   | 36 | 26   | 82<br>60   | 70m6                 | 140 | 7.5<br>125 | M20 | 74.5<br>20 |
| KB100..<br>KBA100B.. | 360<br>280<br>270 | 448<br>380<br>340 | 95<br>95<br>212   | 315-1<br>200-0.5   | 40 | 33   | 98<br>100  | 90m6                 | 170 | 5<br>160   | M24 | 95<br>25   |
| KB120..<br>KBA120B.. | 420<br>350<br>330 | 526<br>440<br>400 | 110<br>115<br>253 | 375-1<br>225-0.5   | 45 | 39   | 111<br>100 | 110m6                | 210 | 15<br>180  | M24 | 116<br>28  |
| KB150..<br>KBA150B.. | 500<br>380<br>420 | 634<br>480<br>500 | 130<br>140<br>247 | 450-1<br>280-1     | 50 | 39   | 130<br>100 | 120m6                | 210 | 5<br>200   | M24 | 127<br>32  |

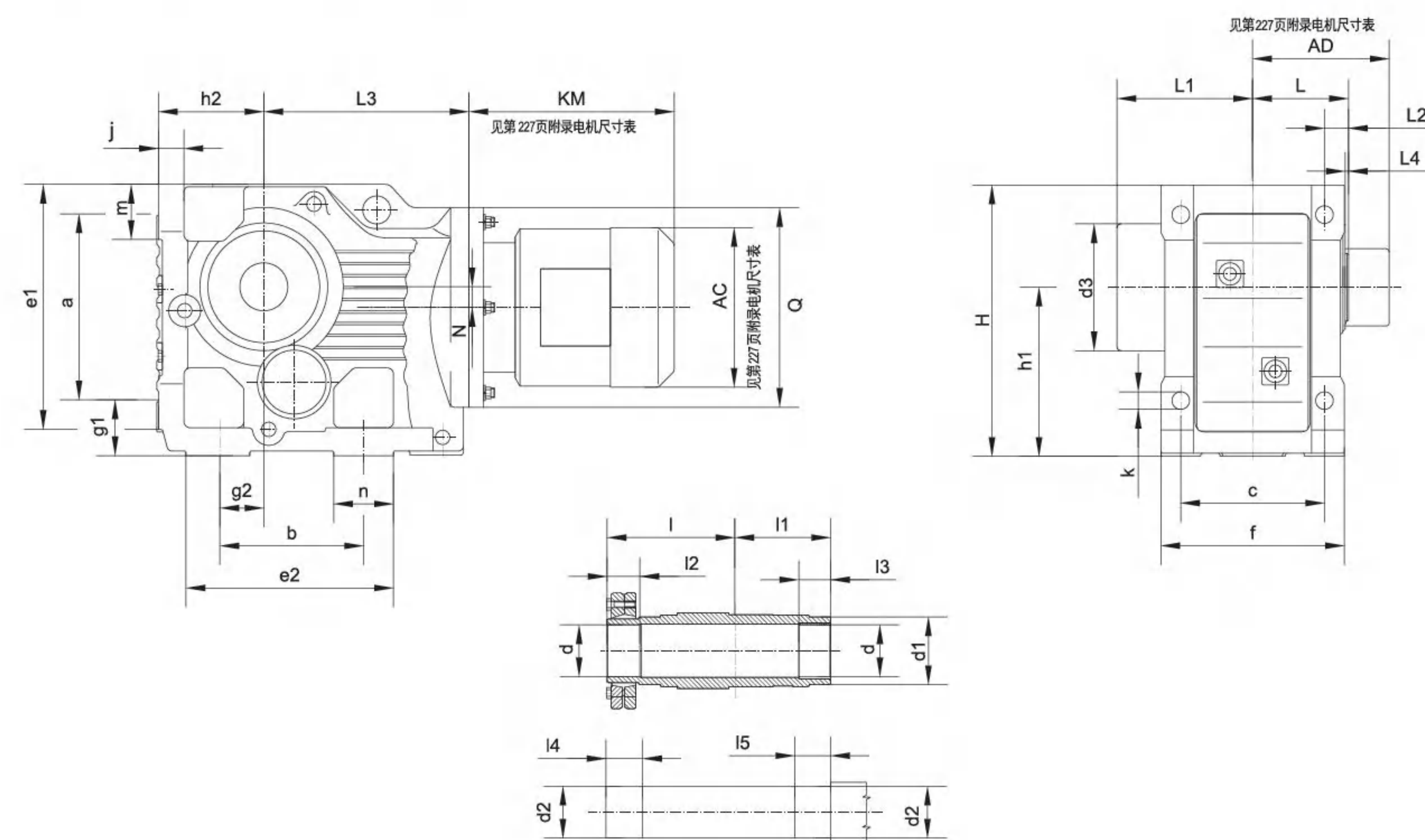
KBA40B..~KBA150B..



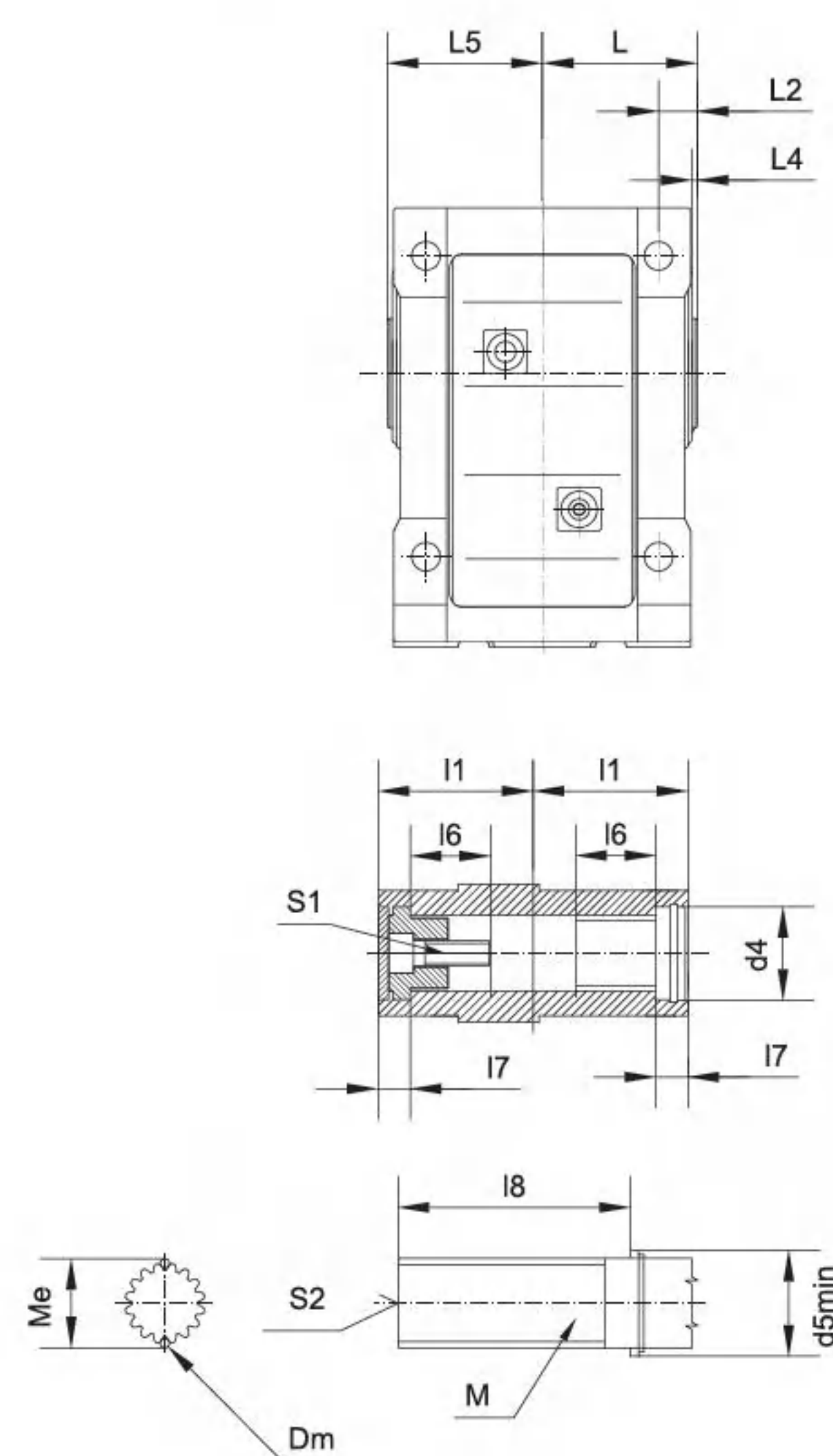
| 型号<br>size           | 空心轴尺寸 hollow shaft dimention |     |            |           |           |        |             | H   | L1<br>L2    | L3  | N    | Q   |
|----------------------|------------------------------|-----|------------|-----------|-----------|--------|-------------|-----|-------------|-----|------|-----|
|                      | d1                           | d2  | l3<br>l4   | l5<br>l6  | l7<br>l8  | s1     | t1<br>u1    |     |             |     |      |     |
| KB30..               | -                            | -   | -          | -         | -         | -      | -           | 165 | 110<br>60   | 139 | 8.5  | 120 |
| KB40..<br>KBA40B..   | 35 <sup>H7</sup>             | 50  | 78<br>75   | 15<br>3   | 22<br>132 | M12x30 | 38.3<br>10  | 185 | 135<br>72   | 166 | 7.2  | 160 |
| KB50..<br>KBA50B..   | 40 <sup>H7</sup>             | 55  | 86<br>83   | 18<br>3   | 29<br>142 | M16x40 | 43.3<br>12  | 217 | 153<br>80   | 173 | 13.1 | 160 |
| KB60..<br>KBA60B..   | 40 <sup>H7</sup>             | 55  | 93<br>90   | 20<br>3.5 | 29<br>156 | M16x40 | 43.3<br>12  | 228 | 171<br>86.5 | 179 | 20   | 160 |
| KB70..<br>KBA70B..   | 50 <sup>H7</sup>             | 70  | 108<br>105 | 22.5<br>4 | 32<br>183 | M16x45 | 53.8<br>14  | 288 | 206<br>101  | 202 | 31.3 | 200 |
| KB80..<br>KBA80B..   | 60 <sup>H7</sup>             | 85  | 123<br>120 | 30<br>4   | 36<br>210 | M20x50 | 64.4<br>18  | 340 | 240<br>116  | 257 | 25.9 | 250 |
| KB90..<br>KBA90B..   | 70 <sup>H7</sup>             | 95  | 153<br>150 | 30<br>4   | 34<br>270 | M20x50 | 74.9<br>20  | 417 | 291<br>146  | 277 | 32.3 | 300 |
| KB100..<br>KBA100B.. | 90 <sup>H7</sup>             | 118 | 178<br>175 | 40<br>2.5 | 40<br>313 | M24x60 | 95.4<br>25  | 503 | 347<br>175  | 341 | 52   | 350 |
| KB120..<br>KBA120B.. | 100 <sup>H7</sup>            | 135 | 208<br>205 | 40<br>2.5 | 38<br>373 | M24x60 | 106.4<br>28 | 592 | 418<br>203  | 390 | 53   | 450 |
| KB150..<br>KBA150B.. | 120 <sup>H7</sup>            | 155 | 253<br>250 | 40        | 36<br>460 | M24x60 | 127.4<br>32 | 705 | 457<br>250  | 426 | 71.7 | 550 |



**KBH40B..~KBH150B..**



**KBV40B..~KBV150B..**

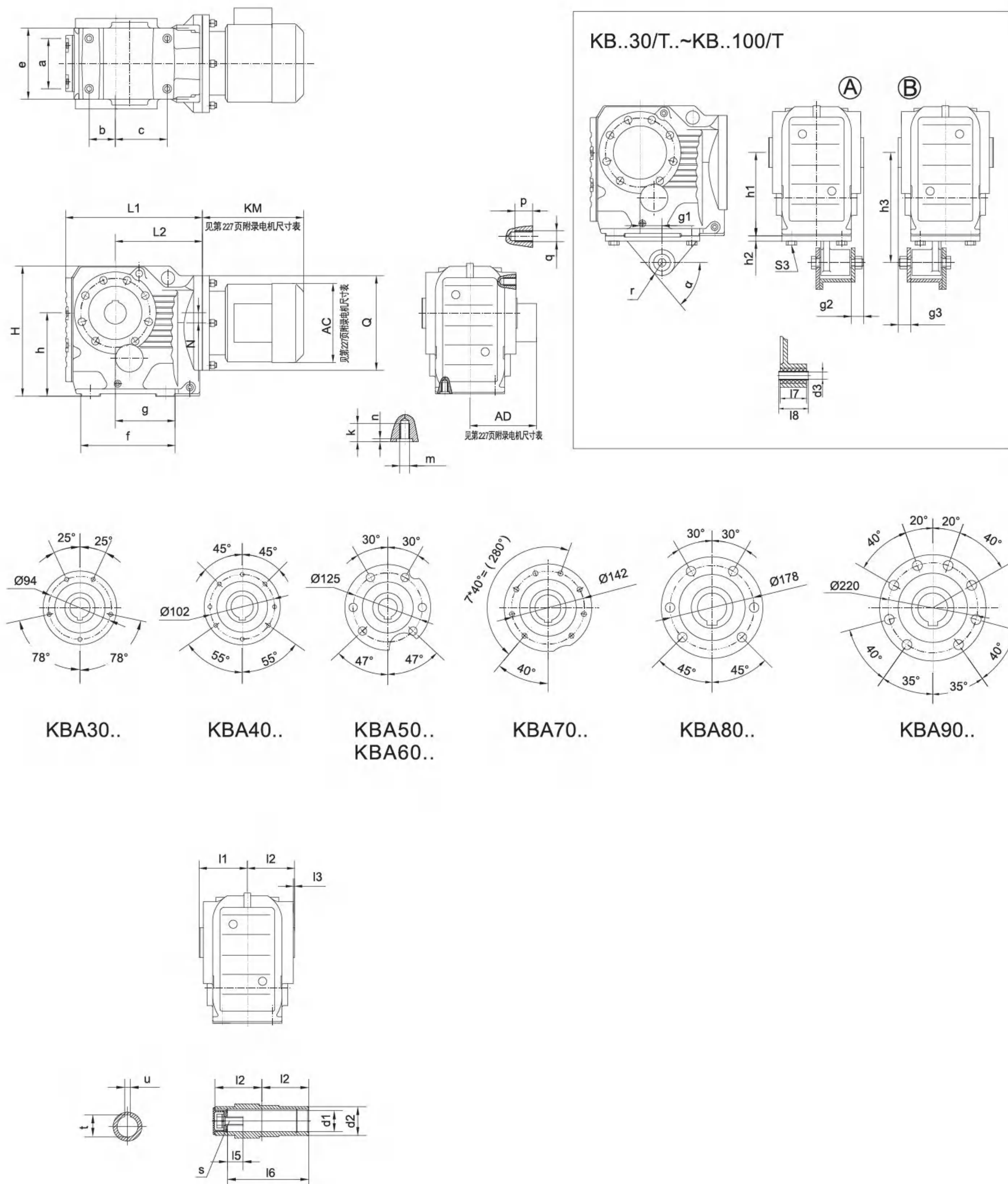


| 型号<br>size             | a<br>b<br>c       | e <sub>1</sub><br>e <sub>2</sub><br>f | m<br>n     | g <sub>1</sub><br>g <sub>2</sub> | h <sub>1</sub><br>h <sub>2</sub>           | j  | k    | L <sub>1</sub><br>L <sub>5</sub> | L <sub>2</sub><br>L <sub>4</sub> | 空心轴尺寸          |                                  | hollow shaft dimension           |                | d <sub>2</sub> |
|------------------------|-------------------|---------------------------------------|------------|----------------------------------|--------------------------------------------|----|------|----------------------------------|----------------------------------|----------------|----------------------------------|----------------------------------|----------------|----------------|
|                        |                   |                                       |            |                                  |                                            |    |      |                                  |                                  | l <sub>1</sub> | l <sub>2</sub><br>l <sub>3</sub> | l <sub>4</sub><br>l <sub>5</sub> | d <sub>1</sub> |                |
| KBH40B..<br>KBV40B..   | 130<br>130<br>120 | 170<br>162<br>145                     | 37<br>32   | 37<br>35                         | 112 <sub>-0.5</sub><br>71 <sub>-0.5</sub>  | 18 | 11   | 110<br>77                        | 15<br>3                          | 102<br>75      | 32<br>20                         | 37<br>25                         | 35H7<br>50     | 35h6           |
| KBH50B..<br>KBV50B..   | 150<br>130<br>130 | 190<br>172<br>157                     | 43<br>40   | 45<br>30                         | 132 <sub>-0.5</sub><br>80 <sub>-0.5</sub>  | 21 | 13.5 | 117<br>85                        | 18<br>3                          | 112<br>83      | 26<br>20                         | 31<br>25                         | 40H7<br>55     | 40h6           |
| KBH60B..<br>KBV60B..   | 160<br>120<br>140 | 203<br>170<br>170                     | 43<br>45   | 45<br>30                         | 140 <sub>-0.5</sub><br>90 <sub>-0.5</sub>  | 24 | 13.5 | 126<br>90                        | 20<br>3.5                        | 118<br>90      | 38<br>20                         | 43<br>25                         | 40H7<br>55     | 40h6           |
| KBH70B..<br>KBV70B..   | 200<br>150<br>165 | 263<br>208<br>200                     | 55<br>55   | 55<br>40                         | 180 <sub>-0.5</sub><br>112 <sub>-0.5</sub> | 27 | 17.5 | 146<br>105                       | 22.5<br>4                        | 136<br>105     | 36<br>30                         | 41<br>35                         | 50H7<br>70     | 50h6           |
| KBH80B..<br>KBV80B..   | 233<br>180<br>180 | 305<br>260<br>230                     | 67<br>75   | 70<br>55                         | 212 <sub>-0.5</sub><br>132 <sub>-0.5</sub> | 32 | 22   | 170<br>120                       | 30<br>4                          | 161<br>120     | 41<br>40                         | 46<br>45                         | 65H7<br>85     | 65h6           |
| KBH90B..<br>KBV90B..   | 295<br>240<br>240 | 372<br>294<br>290                     | 82<br>60   | 75<br>75                         | 265 <sub>-1</sub><br>160 <sub>-0.5</sub>   | 36 | 26   | 206<br>150                       | 30<br>4                          | 195<br>150     | 55<br>50                         | 60<br>55                         | 75H7<br>95     | 75h6           |
| KBH100B..<br>KBV100B.. | 360<br>280<br>270 | 448<br>380<br>340                     | 98<br>100  | 95<br>95                         | 315 <sub>-1</sub><br>200 <sub>-0.5</sub>   | 40 | 33   | 245<br>176                       | 40<br>2.5                        | 230<br>175     | 65<br>60                         | 75<br>70                         | 95H7<br>118    | 95h6           |
| KBH120B..              | 420<br>350<br>330 | 526<br>440<br>400                     | 111<br>100 | 110<br>115                       | 375 <sub>-1</sub><br>225 <sub>-0.5</sub>   | 45 | 39   | 296<br>/                         | 40<br>2.5                        | 280<br>205     | 85<br>70                         | 95<br>80                         | 105H7<br>135   | 105h6          |
| KBH150B..              | 500<br>380<br>420 | 634<br>480<br>500                     | 130<br>100 | 130<br>140                       | 450 <sub>-1</sub><br>280 <sub>-1</sub>     | 50 | 39   | 370<br>/                         | 40<br>0                          | 330<br>250     | 90<br>80                         | 100<br>90                        | 125H7<br>155   | 125h6          |

| 型号<br>size             | L <sub>3</sub> | d <sub>3</sub> | N    | L   | H   | Q   | 空心轴尺寸 hollow shaft dimension     |                |                                  |                                  |                                  |            |
|------------------------|----------------|----------------|------|-----|-----|-----|----------------------------------|----------------|----------------------------------|----------------------------------|----------------------------------|------------|
|                        |                |                |      |     |     |     | l <sub>6</sub><br>l <sub>7</sub> | l <sub>8</sub> | d <sub>4</sub><br>d <sub>5</sub> | S <sub>1</sub><br>S <sub>2</sub> | D <sub>m</sub><br>M <sub>e</sub> | M          |
| KBH40B..<br>KBV40B..   | 166            | 83             | 7.2  | 75  | 185 | 160 | 32<br>18                         | 115            | 37 <sup>+0.1</sup><br>42         | M10×30<br>M10                    | 4<br>38.92 <sup>-0.03</sup>      | 35×2×30×16 |
| KBH50B..<br>KBV50B..   | 173            | 83             | 13.1 | 83  | 217 | 160 | 32<br>18                         | 130            | 37 <sup>+0.1</sup><br>42         | M10×30<br>M10                    | 4<br>38.92 <sup>-0.03</sup>      | 35×2×30×16 |
| KBH60B..<br>KBV60B..   | 179            | 93             | 20   | 90  | 228 | 160 | 42<br>25                         | 130            | 47 <sup>+0.1</sup><br>52         | M16×50<br>M16                    | 4<br>48.85 <sup>-0.03</sup>      | 45×2×30×21 |
| KBH70B..<br>KBV70B..   | 202            | 114            | 31.3 | 105 | 288 | 200 | 52<br>23                         | 160            | 55 <sup>+0.1</sup><br>62         | M16×50<br>M16                    | 4<br>54.13 <sup>-0.03</sup>      | 50×2×30×24 |
| KBH80B..<br>KBV80B..   | 257            | 159            | 25.9 | 120 | 340 | 250 | 62<br>25                         | 180            | 72 <sup>+0.1</sup><br>82         | M20×60<br>M20                    | 4<br>68.96 <sup>-0.04</sup>      | 65×2×30×31 |
| KBH90B..<br>KBV90B..   | 277            | 174            | 32.3 | 150 | 417 | 300 | 72<br>25                         | 240            | 72 <sup>+0.1</sup><br>90         | M20×60<br>M20                    | 4<br>74.15 <sup>-0.04</sup>      | 70×2×30×34 |
| KBH100B..<br>KBV100B.. | 341            | 200            | 52   | 175 | 503 | 350 | 89<br>26                         | 290            | 90 <sup>+0.1</sup><br>105        | M20×60<br>M20                    | 6<br>90.99 <sup>-0.04</sup>      | 85×3×30×27 |
| KBH120B..              | 390            | 233            | 53   | 205 | 592 | 450 | /<br>/                           | /              | /<br>/                           | /                                | /                                | /          |
| KBH150B..              | 426            | 315            | 71.7 | 250 | 705 | 550 | /<br>/                           | /              | /<br>/                           | /                                | /                                | /          |



KBA30..~KBA100..

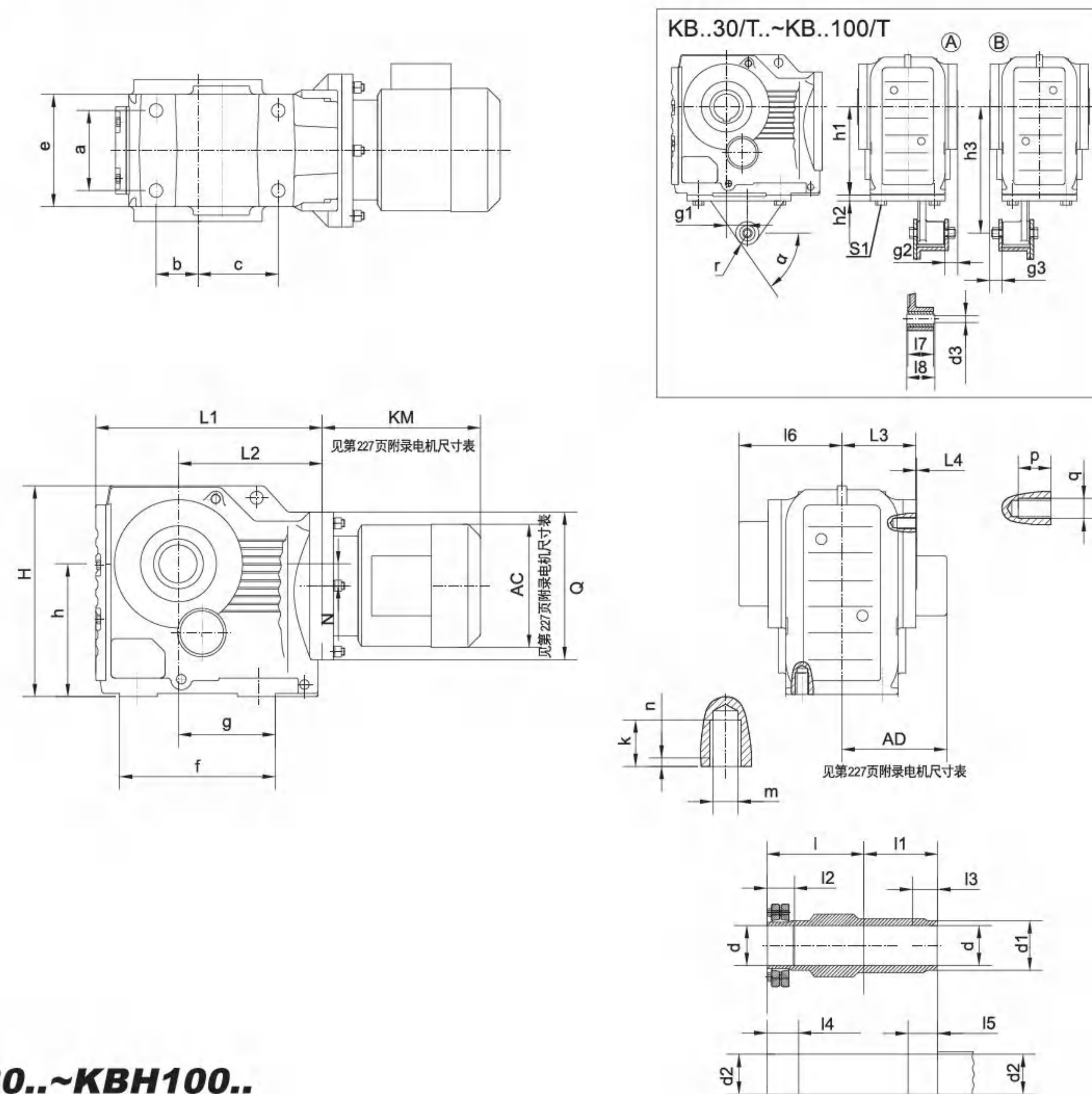


KB..30/T..~KB..100/T

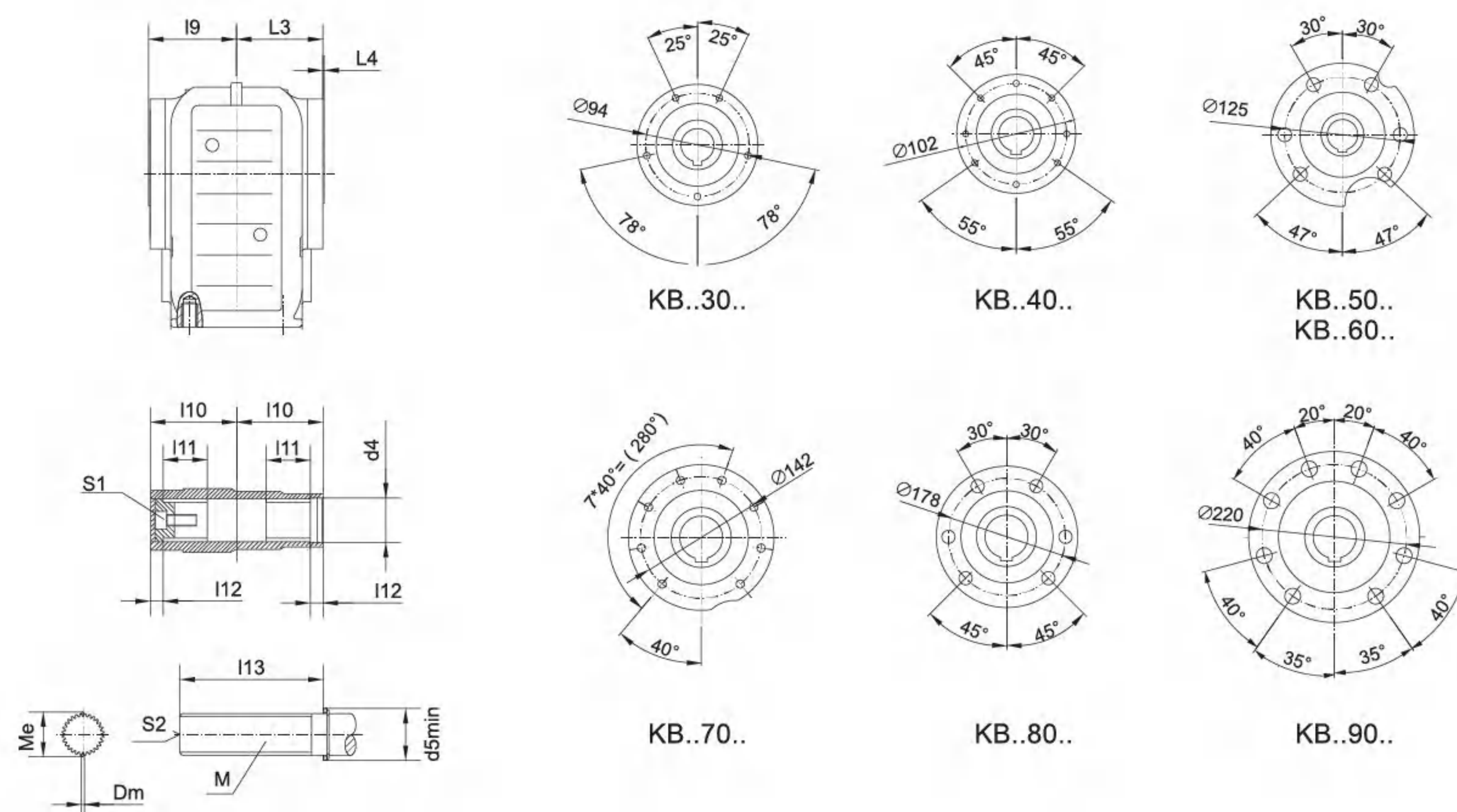
| 型号<br>size              | a<br>b<br>c | e<br>f<br>g | h       | k<br>m<br>n | p<br>q      | 空心轴尺寸<br>Hollow shaft dimension  |                                                    |                                                    |             | 扭矩臂尺寸<br>Torque arm form                           |                                                    |                                                    |                          | H<br>L <sub>1</sub><br>L <sub>2</sub> | N<br>Q      |
|-------------------------|-------------|-------------|---------|-------------|-------------|----------------------------------|----------------------------------------------------|----------------------------------------------------|-------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|--------------------------|---------------------------------------|-------------|
|                         |             |             |         |             |             | d <sub>1</sub><br>d <sub>2</sub> | l <sub>1</sub><br>l <sub>2</sub><br>l <sub>3</sub> | l <sub>4</sub><br>l <sub>5</sub><br>l <sub>6</sub> | s<br>t<br>u | g <sub>1</sub><br>g <sub>2</sub><br>g <sub>3</sub> | h <sub>1</sub><br>h <sub>2</sub><br>h <sub>3</sub> | d <sub>3</sub><br>l <sub>7</sub><br>l <sub>8</sub> | r<br>s <sub>1</sub><br>∞ |                                       |             |
|                         |             |             |         |             |             |                                  |                                                    |                                                    |             |                                                    |                                                    |                                                    |                          |                                       |             |
| KBA30..<br>KB..30/T..   | 60          | 100         | 100-0.5 | 20          | 12<br>M8    | 30 <sup>H7</sup><br>45           | 63                                                 | 60                                                 | M10         | 23.5                                               | 100-0.5                                            | 10.4+0.1                                           | 22.5                     | 164                                   | 8.5<br>120  |
|                         | 35          | 147         |         | 60          |             |                                  | 17                                                 | 33.3                                               | 20          | 10                                                 | 31                                                 | M10x25                                             | 210                      |                                       |             |
|                         | 82          | 97          |         | 2.5         |             |                                  | 105                                                | 8                                                  | 20          | 140 <sup>+0.2</sup> <sub>-0.7</sub>                | 36-0.3                                             | 60°                                                | 139                      |                                       |             |
| KBA40..<br>KB..40/T..   | 70          | 110         | 112-0.5 | 20          | 12<br>M8    | 35 <sup>H7</sup><br>50           | 78                                                 | 75                                                 | M12         | 30                                                 | 112-0.5                                            | 10.4+0.1                                           | 22.5                     | 185                                   | 7.2<br>160  |
|                         | 40          | 170         |         | 75          |             |                                  | 22                                                 | 38.3                                               | 20          | 12                                                 | 31                                                 | M12x30                                             | 243                      |                                       |             |
|                         | 100         | 115         |         | 3           |             |                                  | 132                                                | 10                                                 | 20          | 160 <sup>+0.2</sup> <sub>-0.7</sub>                | 36-0.3                                             | 55°                                                | 166                      |                                       |             |
| KBA50..<br>KB..50/T..   | 88          | 122         | 132-0.5 | 25          | 20<br>M12   | 40 <sup>H7</sup><br>55           | 86                                                 | 83                                                 | M16         | 40                                                 | 132-0.5                                            | 16.4+0.08                                          | 29                       | 215                                   | 13.1<br>160 |
|                         | 47          | 182         |         | 83          |             |                                  | 29                                                 | 43.3                                               | 18          | 13                                                 | 54                                                 | M16x40                                             | 269                      |                                       |             |
|                         | 105         | 120         |         | 3           |             |                                  | 142                                                | 12                                                 | 18          | 192 <sup>+0.2</sup> <sub>-0.7</sub>                | 60-0.3                                             | 55°                                                | 173                      |                                       |             |
| KBA60..<br>KB..60/T..   | 88          | 130         | 140-0.5 | 25          | 20<br>M12   | 40 <sup>H7</sup><br>55           | 94                                                 | 90                                                 | M16         | 45                                                 | 140-0.5                                            | 16.4+0.08                                          | 29                       | 226                                   | 20<br>160   |
|                         | 42          | 182         |         | 90          |             |                                  | 29                                                 | 43.3                                               | 25          | 13                                                 | 54                                                 | M16x40                                             | 274                      |                                       |             |
|                         | 110         | 125         |         | 3.5         |             |                                  | 156                                                | 12                                                 | 25          | 200 <sup>+0.2</sup> <sub>-0.7</sub>                | 60-0.3                                             | 55°                                                | 179                      |                                       |             |
| KBA70..<br>KB..70/T..   | 102         | 154         | 180-0.5 | 32          | 20<br>M12   | 50 <sup>H7</sup><br>70           | 108                                                | 105                                                | M16         | 52.5                                               | 180-0.5                                            | 16.4+0.08                                          | 29                       | 286                                   | 31.3<br>200 |
|                         | 48          | 204         |         | 105         |             |                                  | 32                                                 | 53.8                                               | 25          | 14                                                 | 54                                                 | M16x45                                             | 312                      |                                       |             |
|                         | 122         | 139         |         | 4           |             |                                  | 183                                                | 14                                                 | 25          | 250 <sup>+0.2</sup> <sub>-0.7</sub>                | 60-0.3                                             | 60°                                                | 202                      |                                       |             |
| KBA80..<br>KB..80/T..   | 118         | 170         | 212-0.5 | 32          | 26<br>M16   | 60 <sup>H7</sup><br>85           | 123                                                | 120                                                | M20         | 60                                                 | 212-0.5                                            | 25+0.08                                            | 41                       | 338                                   | 25.9<br>250 |
|                         | 65          | 280         |         | 120         |             |                                  | 36                                                 | 64.4                                               | 30          | 16                                                 | 72                                                 | M20x50                                             | 390                      |                                       |             |
|                         | 160         | 190         |         | 4           |             |                                  | 210                                                | 18                                                 | 30          | 300 <sup>+0.2</sup> <sub>-0.7</sub>                | 80-0.3                                             | 60°                                                | 257                      |                                       |             |
| KBA90..<br>KB..90/T..   | 160         | 226         | 265-1   | 36          | 26<br>M16   | 70 <sup>H7</sup><br>95           | 153                                                | 150                                                | M20         | 70                                                 | 265-1                                              | 25+0.08                                            | 41                       | 414                                   | 32.3<br>300 |
|                         | 83          | 298         |         | 150         |             |                                  | 34                                                 | 74.9                                               | 40          | 17                                                 | 92                                                 | M20x50                                             | 435                      |                                       |             |
|                         | 165         | 190         |         | 4           |             |                                  | 270                                                | 20                                                 | 40          | 350 <sup>+0.2</sup> <sub>-1.2</sub>                | 100-0.3                                            | 50°                                                | 277                      |                                       |             |
| KBA100..<br>KB..100/T.. | 190         | 266         | 315-1   | 44          | -<br>-<br>- | 90 <sup>H7</sup><br>118          | 178                                                | 175                                                | M24         | 74                                                 | 315-1                                              | 25+0.08                                            | 41                       | 500                                   | 52<br>350   |
|                         | 100         | 370         |         | 175         |             |                                  | 40                                                 | 95.4                                               | 45          | 20                                                 | 92                                                 | M24x60                                             | 537                      |                                       |             |
|                         | 190         | 230         |         | 2.5         |             |                                  | 313                                                | 25                                                 | 45          | 450 <sup>+0.5</sup> <sub>-1.5</sub>                | 100-0.3                                            | 55°                                                | 341                      |                                       |             |



**KBH30..~KBH100..**



**KBH30..~KBH100..**

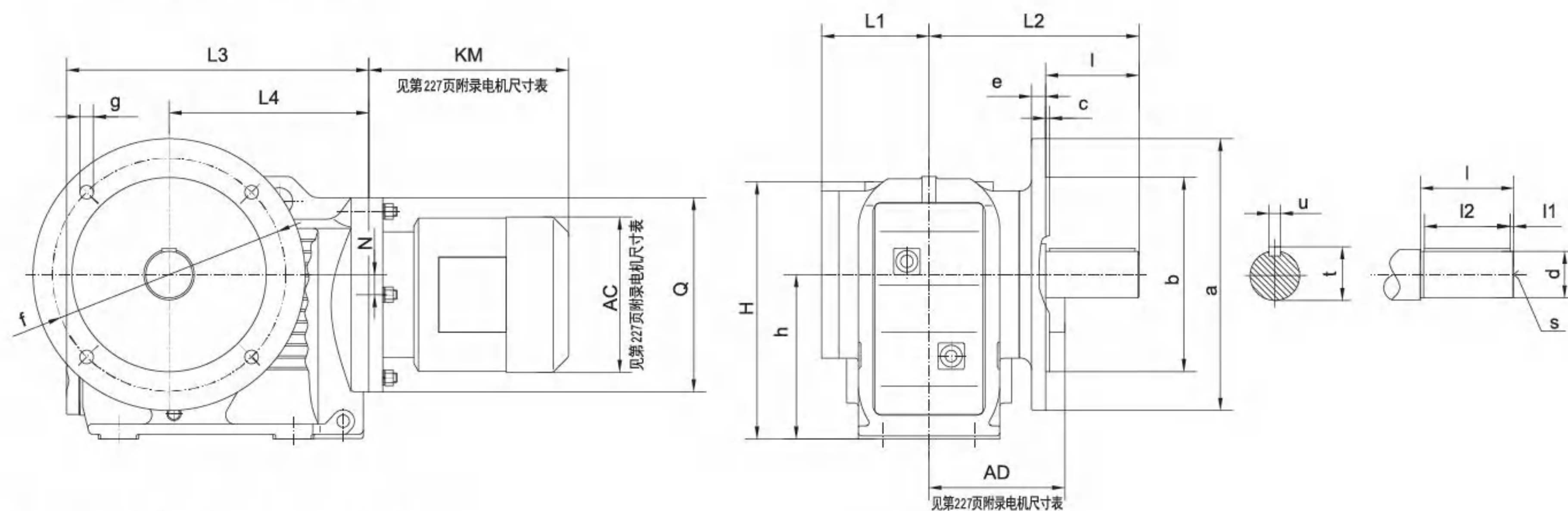


| 型号<br>size           | a<br>b<br>c       | e<br>f<br>g       | H<br>L1<br>L2     | h<br>N<br>Q            | k<br>m<br>n    | p<br>q    | L3<br>L4   | 空心轴尺寸 hollow shaft dimention |          |          |             |      |
|----------------------|-------------------|-------------------|-------------------|------------------------|----------------|-----------|------------|------------------------------|----------|----------|-------------|------|
|                      |                   |                   |                   |                        |                |           |            | l<br>l1                      | l2<br>l3 | l4<br>l5 | d<br>d1     | d2   |
| KBH30..<br>KBV30..   | 60<br>35<br>82    | 100<br>147<br>97  | 164<br>210<br>139 | 100-0.5<br>8.5<br>120  | 20<br>M10<br>4 | 12<br>M8  | 60<br>2.5  | 86<br>60                     | 31<br>20 | 36<br>25 | 30H7<br>45  | 30h6 |
| KBH40..<br>KBV40..   | 70<br>40<br>100   | 110<br>170<br>115 | 185<br>243<br>166 | 112-0.5<br>7.2<br>160  | 20<br>M10<br>4 | 12<br>M8  | 75<br>3    | 102<br>75                    | 32<br>20 | 37<br>25 | 35H7<br>50  | 35h6 |
| KBH50..<br>KBV50..   | 88<br>47<br>105   | 122<br>182<br>120 | 215<br>269<br>173 | 132-0.5<br>13.1<br>160 | 25<br>M12<br>5 | 20<br>M12 | 83<br>3    | 112<br>83                    | 26<br>20 | 31<br>25 | 40H7<br>55  | 40h6 |
| KBH60..<br>KBV60..   | 88<br>42<br>110   | 130<br>182<br>125 | 226<br>274<br>179 | 140-0.5<br>20<br>160   | 25<br>M12<br>5 | 20<br>M12 | 90<br>3.5  | 118<br>90                    | 38<br>20 | 43<br>25 | 40H7<br>55  | 40h6 |
| KBH70..<br>KBV70..   | 102<br>48<br>122  | 154<br>204<br>139 | 286<br>312<br>202 | 180-0.5<br>31.3<br>200 | 32<br>M16<br>6 | 20<br>M12 | 105<br>4   | 136<br>105                   | 36<br>30 | 41<br>35 | 50H7<br>70  | 50h6 |
| KBH80..<br>KBV80..   | 118<br>65<br>160  | 170<br>280<br>190 | 338<br>390<br>257 | 212-0.5<br>25.9<br>250 | 32<br>M16<br>6 | 26<br>M16 | 120<br>4   | 161<br>120                   | 41<br>40 | 46<br>45 | 65H7<br>85  | 65h6 |
| KBH90..<br>KBV90..   | 160<br>83<br>165  | 226<br>298<br>190 | 414<br>435<br>277 | 265-1<br>32.3<br>300   | 36<br>M20<br>6 | 26<br>M16 | 150<br>4   | 195<br>150                   | 55<br>50 | 60<br>55 | 75H7<br>95  | 75h6 |
| KBH100..<br>KBV100.. | 190<br>100<br>190 | 266<br>370<br>230 | 500<br>537<br>341 | 315-1<br>52<br>350     | 44<br>M24<br>8 | /<br>/    | 175<br>2.5 | 230<br>175                   | 65<br>60 | 75<br>70 | 95H7<br>118 | 95h6 |

| 型号<br>size           | l6<br>l9   | 空心轴尺寸 hollow shaft dimention |            |               |                    |               | M             | h1<br>h2<br>h3                   | g1<br>g2<br>g3   | l7<br>l8<br>d3            | r<br>α<br>s           |
|----------------------|------------|------------------------------|------------|---------------|--------------------|---------------|---------------|----------------------------------|------------------|---------------------------|-----------------------|
|                      |            | l10<br>l11                   | l12<br>l13 | d4<br>d5      | Dm<br>Me           | S1<br>S2      |               |                                  |                  |                           |                       |
| KBH30..<br>KBV30..   | 95<br>62   | 60<br>25                     | 18<br>85   | 37+0.1<br>42  | 2.75<br>33.03-0.03 | M10×30<br>M10 | 30×1.25×30×22 | 100-0.5<br>10<br>140+0.2<br>-0.7 | 23.5<br>20<br>20 | 31<br>36-0.3<br>10.4±0.1  | 22.5<br>60°<br>M10×25 |
| KBH40..<br>KBV40..   | 110<br>77  | 75<br>32                     | 18<br>115  | 37+0.1<br>42  | 4<br>38.92-0.03    | M10×30<br>M10 | 35×2×30×16    | 112-0.5<br>12<br>160+0.2<br>-0.7 | 30<br>20<br>20   | 31<br>36-0.3<br>10.4±0.1  | 22.5<br>55°<br>M10×30 |
| KBH50..<br>KBV50..   | 117<br>85  | 83<br>32                     | 18<br>130  | 37+0.1<br>42  | 4<br>38.92-0.03    | M10×30<br>M10 | 35×2×30×16    | 132-0.5<br>13<br>192+0.2<br>-0.7 | 40<br>18<br>18   | 54<br>60-0.3<br>16.4±0.08 | 29<br>55°<br>M12×35   |
| KBH60..<br>KBV60..   | 126<br>90  | 90<br>42                     | 25<br>130  | 47+0.1<br>52  | 4<br>48.85-0.03    | M16×50<br>M16 | 45×2×30×21    | 140-0.5<br>13<br>200+0.2<br>-0.7 | 45<br>25<br>25   | 54<br>60-0.3<br>16.4±0.08 | 29<br>55°<br>M12×35   |
| KBH70..<br>KBV70..   | 146<br>105 | 105<br>52                    | 23<br>160  | 55+0.1<br>62  | 4<br>54.13-0.03    | M16×50<br>M16 | 50×2×30×24    | 180-0.5<br>14<br>250+0.2<br>-0.7 | 52.5<br>25<br>25 | 54<br>60-0.3<br>16.4±0.08 | 29<br>60°<br>M16×40   |
| KBH80..<br>KBV80..   | 170<br>120 | 120<br>62                    | 25<br>180  | 72+0.1<br>82  | 4<br>68.96-0.04    | M20×60<br>M20 | 65×2×30×31    | 212-0.5<br>16<br>300+0.2<br>-0.7 | 60<br>30<br>30   | 72<br>80-0.3<br>25±0.08   | 41<br>60°<br>M16×45   |
| KBH90..<br>KBV90..   | 206<br>150 | 150<br>72                    | 25<br>240  | 72+0.1<br>90  | 4<br>74.15-0.04    | M20×60<br>M20 | 70×2×30×34    | 265-1<br>17<br>350+0.2<br>-1.2   | 70<br>40<br>40   | 92<br>100-0.3<br>25±0.08  | 41<br>50°<br>M20×50   |
| KBH100..<br>KBV100.. | 245<br>178 | 175<br>89                    | 26<br>290  | 90+0.1<br>105 | 6<br>90.99-0.04    | M20×60<br>M20 | 85×3×30×27    | 315-1<br>20<br>450+0.2<br>-1.5   | 74<br>45<br>45   | 92<br>100-0.3<br>25±0.08  | 41<br>55°<br>M24×60   |



**KBF30..~KBF150..**



**KBAF30..~KBAF150..**

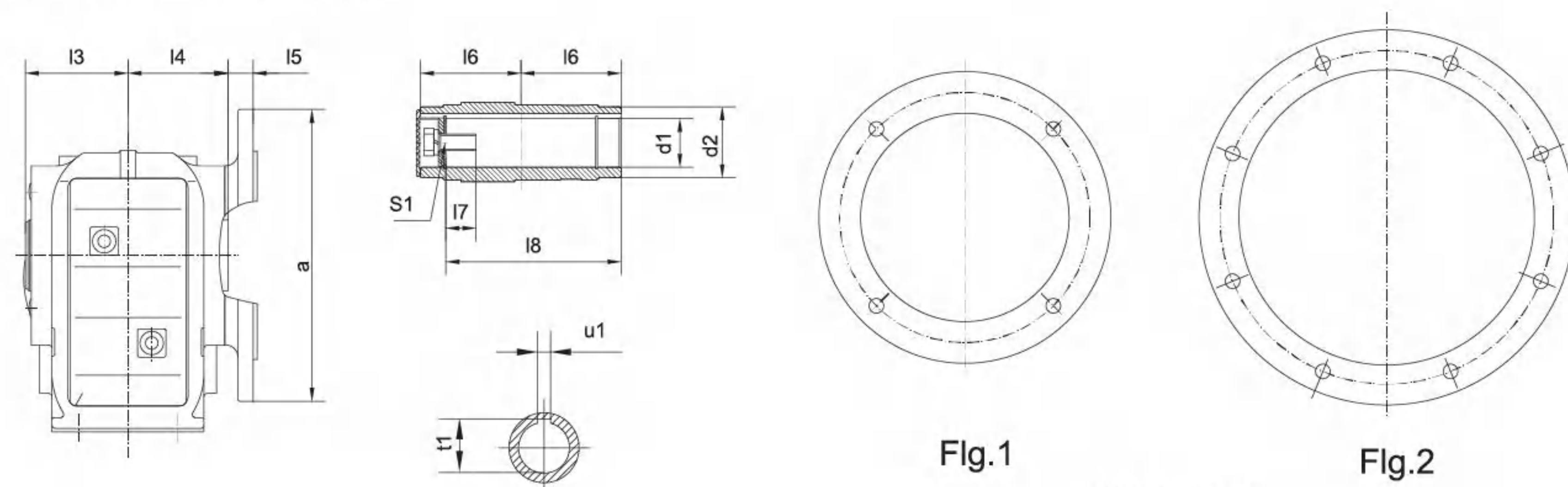


Fig.1

法兰型式

Fig.2

| 型号<br>Model           | 法兰<br>型式<br>Flange<br>form | a<br>b       | c<br>e    | f<br>g<br>h          | 轴伸尺寸 Shaft dimension |            |     |            | 空心轴尺寸 Hollow Shaft dimension |                    |                  |          | H           | L1<br>L2<br>L3 | L4<br>N<br>Q |
|-----------------------|----------------------------|--------------|-----------|----------------------|----------------------|------------|-----|------------|------------------------------|--------------------|------------------|----------|-------------|----------------|--------------|
|                       |                            |              |           |                      | d<br>l               | l1<br>l2   | S   | t<br>u     | d1<br>d2                     | l3<br>l4<br>l5     | l6<br>l7<br>l8   | S1       | t1<br>u1    |                |              |
| KBf30..<br>KBAF30..   | Fig.1                      | 160<br>110j6 | 3.5<br>10 | 130<br>9<br>100      | 25k6<br>50           | 5<br>40    | M10 | 28<br>8    | 30H7<br>45                   | 63<br>60<br>24     | 60<br>17<br>105  | M10 × 25 | 33.3<br>8   | 164            | 139          |
| KBf40..<br>KBAF40..   | Fig.1                      | 200<br>130j6 | 3.5<br>10 | 165<br>11<br>112     | 30k6<br>60           | 3.5<br>50  | M10 | 33<br>8    | 35H7<br>50                   | 78<br>75<br>25     | 75<br>22<br>132  | M12 × 30 | 38.3<br>10  | 185            | 166          |
| KBf50..<br>KBAF50..   | Fig.1                      | 250<br>180j6 | 4<br>15   | 215<br>13.5<br>132   | 35k6<br>70           | 7<br>56    | M12 | 38<br>10   | 40H7<br>55                   | 86<br>83<br>23.5   | 83<br>29<br>142  | M16 × 40 | 43.3<br>12  | 215            | 173          |
| KBf60..<br>KBAF60..   | Fig.1                      | 250<br>180j6 | 4<br>15   | 215<br>13.5<br>140   | 40k6<br>80           | 5<br>70    | M16 | 43<br>12   | 40H7<br>55                   | 94<br>90<br>23     | 90<br>29<br>156  | M16 × 40 | 43.3<br>12  | 226            | 179          |
| KBf70..<br>KBAF70..   | Fig.1                      | 300<br>230j6 | 4<br>16   | 265<br>13.5<br>180   | 50k6<br>100          | 8<br>10    | M16 | 53.5<br>14 | 50H7<br>70                   | 108<br>105<br>37   | 105<br>32<br>183 | M16 × 45 | 53.8<br>14  | 286            | 202          |
| KBf80..<br>KBAF80..   | Fig.1                      | 350<br>250h6 | 5<br>18   | 300<br>17.5<br>212   | 60m6<br>120          | 5<br>110   | M20 | 64<br>18   | 60H7<br>85                   | 123<br>120<br>30   | 120<br>36<br>210 | M20 × 50 | 64.4<br>18  | 338            | 257          |
| KBf90..<br>KBAF90..   | Fig.2                      | 450<br>350h6 | 5<br>22   | 400<br>17.5<br>265   | 70m6<br>140          | 7.5<br>125 | M20 | 74.5<br>20 | 70H7<br>95                   | 153<br>150<br>41.5 | 150<br>34<br>270 | M20 × 50 | 74.9<br>20  | 414            | 327          |
| KBf100..<br>KBAF100.. | Fig.2                      | 450<br>350h6 | 5<br>25   | 400<br>17.5<br>315   | 90m6<br>170          | 5<br>160   | M24 | 95<br>25   | 90H7<br>118                  | 178<br>175<br>41   | 175<br>40<br>313 | M24 × 60 | 95.4<br>25  | 500            | 341          |
| KBf120..<br>KBAF120.. | Fig.2                      | 550<br>450h6 | 5<br>22   | 500<br>17.5<br>375-1 | 110m6<br>210         | 15<br>180  | M24 | 116<br>28  | 100H7<br>135                 | 208<br>205<br>51   | 205<br>38<br>373 | M24 × 60 | 106.4<br>28 | 592            | 390          |
| KBf150..<br>KBAF150.. | Fig.2                      | 660<br>550h6 | 6<br>28   | 600<br>22<br>450-1   | 120m6<br>210         | 5<br>200   | M24 | 127<br>32  | 120H7<br>155                 | 253<br>250<br>60   | 250<br>36<br>460 | M24 × 60 | 127.4<br>32 | 705            | 550          |

**KBHF30..~KBHF100..**

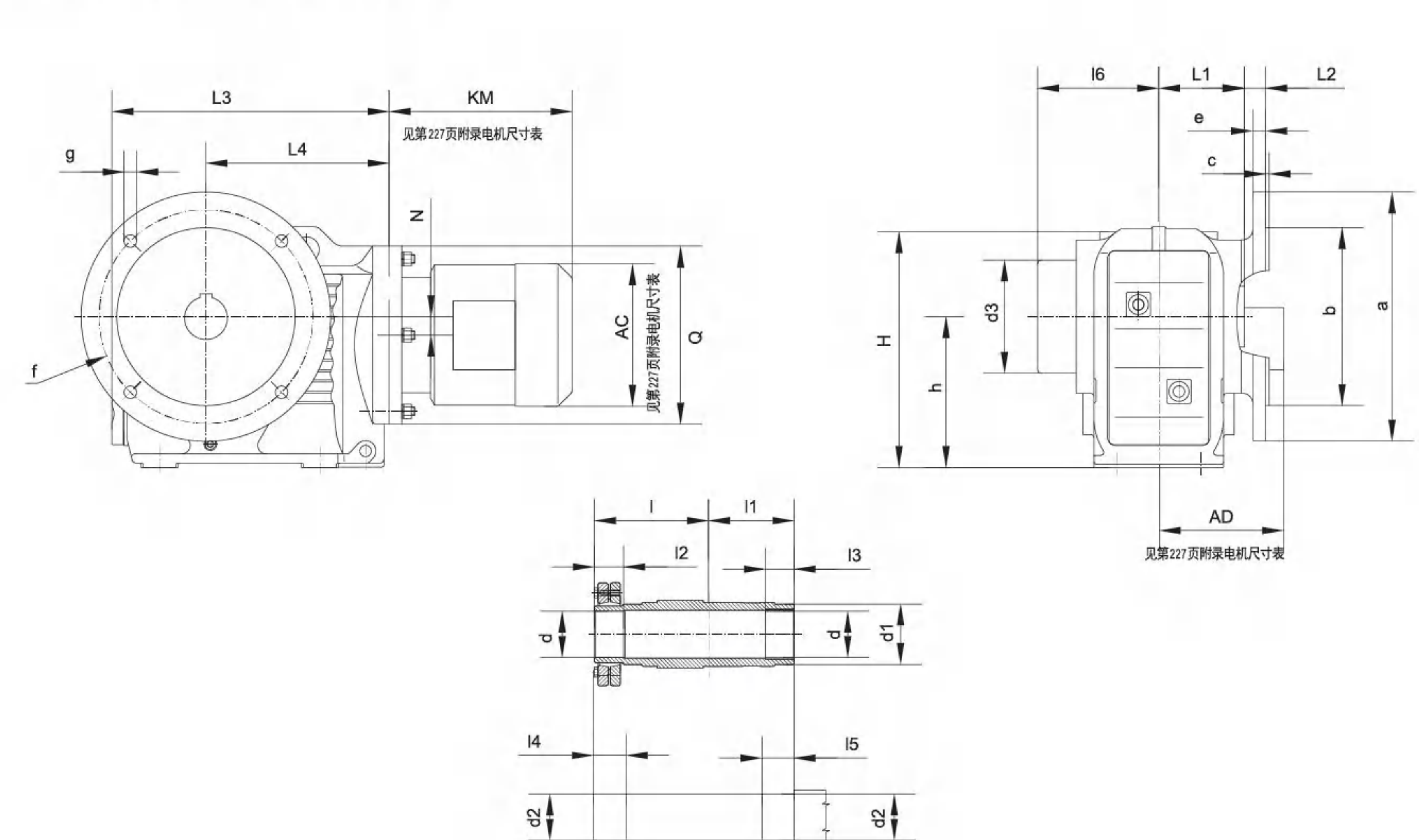
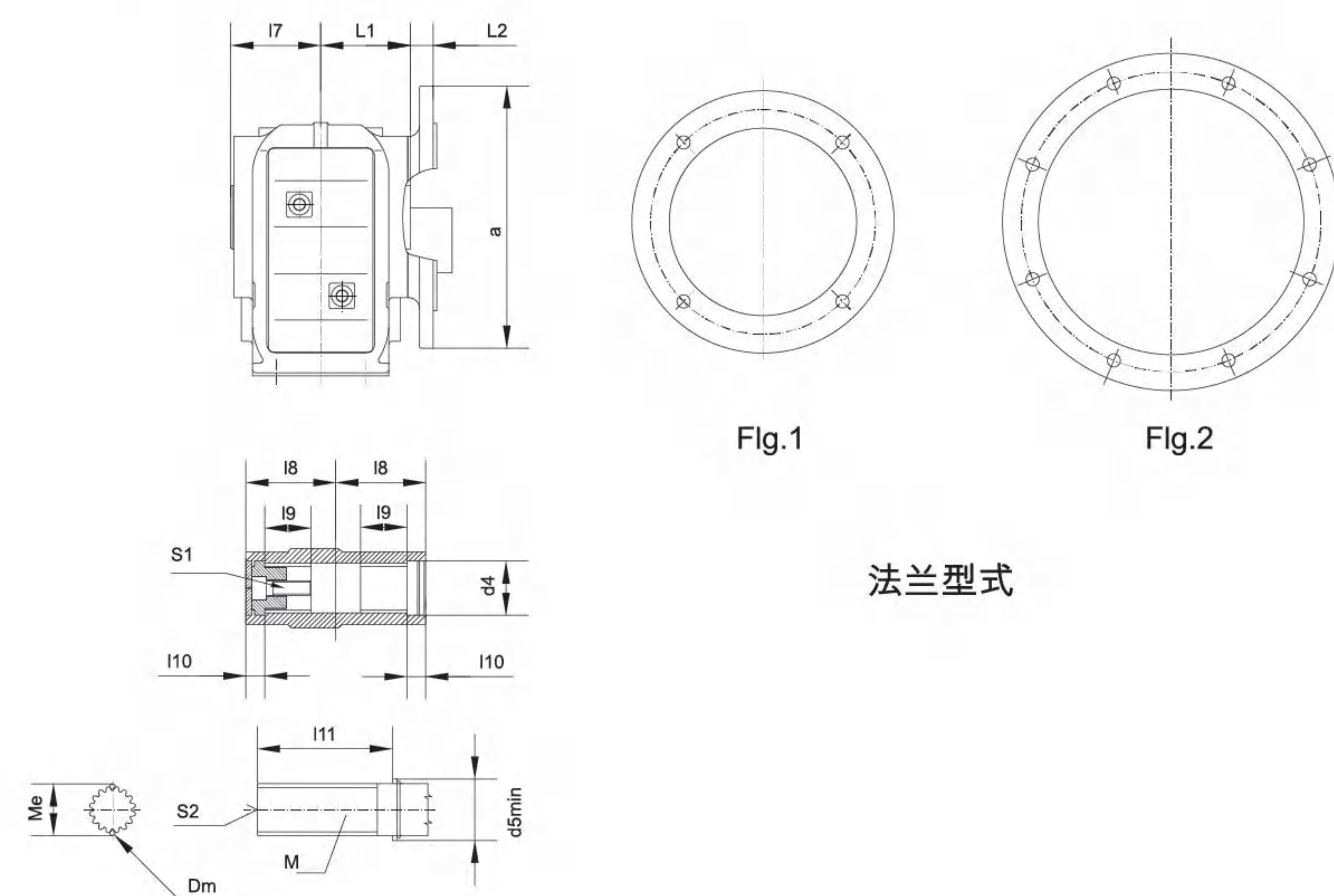


Fig.1

Fig.2

法兰型式

**KBVF30..~KBVF100..**

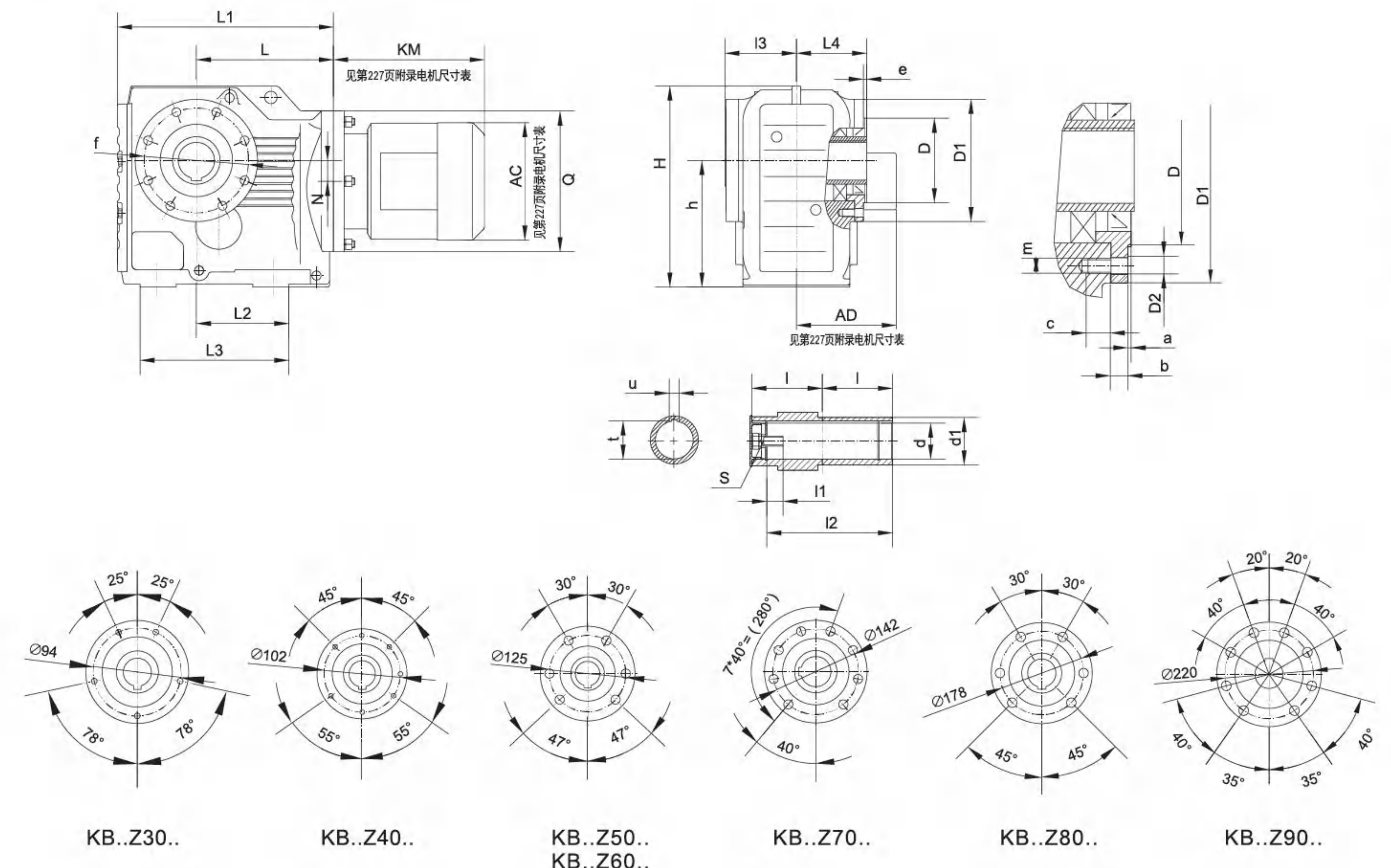




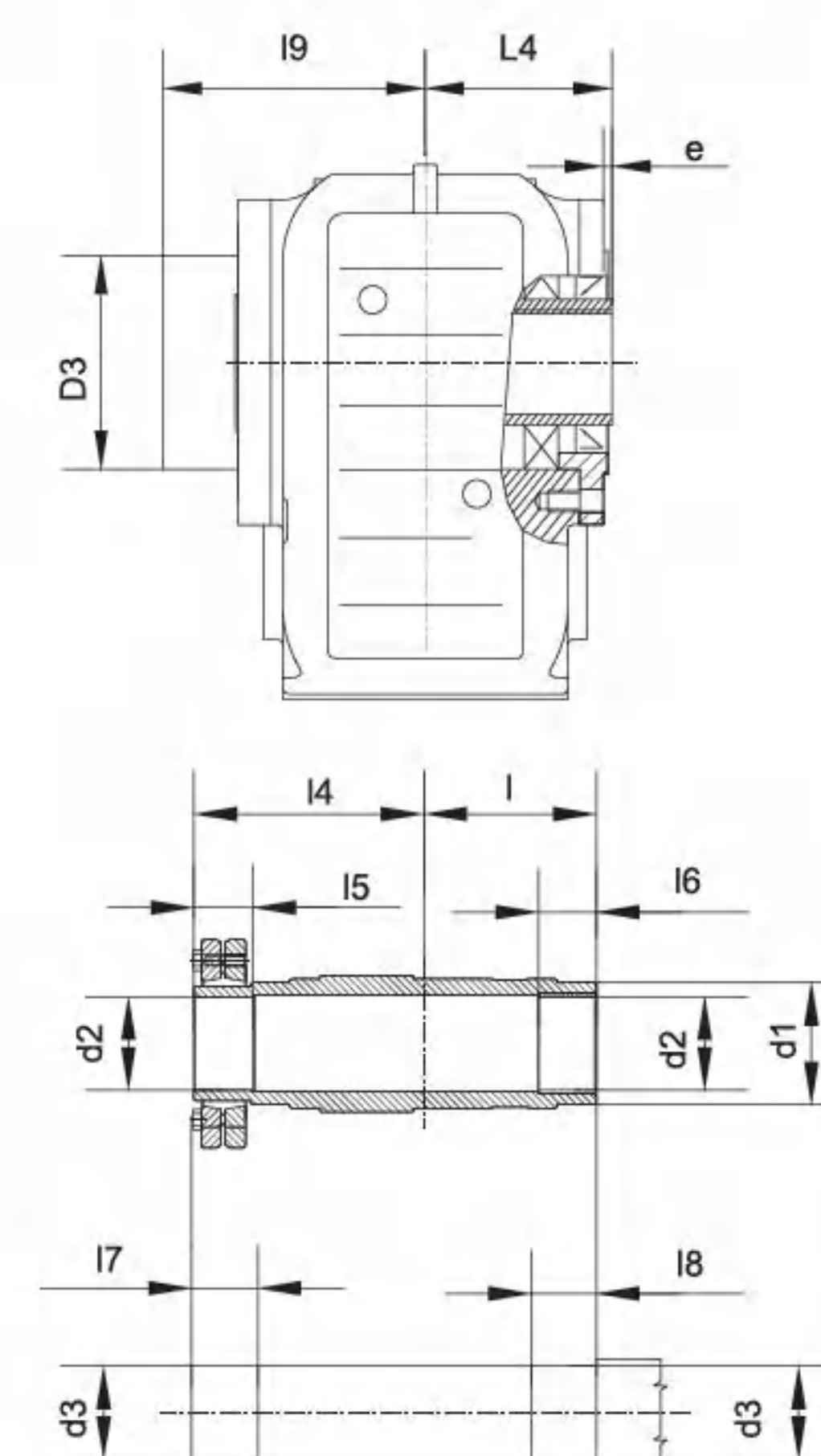
| 型号<br>size             | 法兰形式<br>Flange<br>form | a<br>b       | c<br>e    | H<br>h                     | f<br>g      | N<br>Q      | 空心轴尺寸 hollow shaft dimension |                                  |                                  |                     |                |
|------------------------|------------------------|--------------|-----------|----------------------------|-------------|-------------|------------------------------|----------------------------------|----------------------------------|---------------------|----------------|
|                        |                        |              |           |                            |             |             | l<br>l <sub>1</sub>          | l <sub>2</sub><br>l <sub>3</sub> | l <sub>4</sub><br>l <sub>5</sub> | d<br>d <sub>1</sub> | d <sub>2</sub> |
| KBHF30..<br>KBVF30..   | Fig.1                  | 160<br>110j6 | 3.5<br>10 | 164<br>100 <sup>-0.5</sup> | 130<br>9    | 8.5<br>120  | 86<br>60                     | 31<br>20                         | 36<br>25                         | 30H7<br>45          | 30h6           |
| KBHF40..<br>KBVF40..   | Fig.1                  | 200<br>130j6 | 3.5<br>10 | 185<br>112 <sup>-0.5</sup> | 165<br>11   | 7.2<br>160  | 102<br>75                    | 32<br>20                         | 37<br>25                         | 35H7<br>50          | 35h6           |
| KBHF50..<br>KBVF50..   | Fig.1                  | 250<br>180j6 | 4<br>15   | 215<br>132 <sup>-0.5</sup> | 215<br>13.5 | 13.1<br>160 | 112<br>83                    | 26<br>20                         | 31<br>25                         | 40H7<br>55          | 40h6           |
| KBHF60..<br>KBVF60..   | Fig.1                  | 250<br>180j6 | 4<br>15   | 226<br>140 <sup>-0.5</sup> | 215<br>13.5 | 20<br>160   | 118<br>90                    | 38<br>20                         | 43<br>25                         | 40H7<br>55          | 40h6           |
| KBHF70..<br>KBVF70..   | Fig.1                  | 300<br>230j6 | 4<br>16   | 286<br>180 <sup>-0.5</sup> | 265<br>13.5 | 31.3<br>200 | 136<br>105                   | 36<br>30                         | 41<br>35                         | 50H7<br>70          | 50h6           |
| KBHF80..<br>KBVF80..   | Fig.1                  | 350<br>250h6 | 5<br>18   | 338<br>212 <sup>-0.5</sup> | 300<br>17.5 | 25.9<br>250 | 161<br>120                   | 41<br>40                         | 46<br>45                         | 65H7<br>85          | 65h6           |
| KBHF90..<br>KBVF90..   | Fig.2                  | 450<br>350h6 | 5<br>22   | 414<br>265 <sup>-0.5</sup> | 400<br>17.5 | 32.3<br>300 | 195<br>150                   | 55<br>50                         | 60<br>55                         | 75H7<br>95          | 75h6           |
| KBHF100..<br>KBVF100.. | Fig.2                  | 450<br>350h6 | 5<br>25   | 500<br>315 <sup>-0.5</sup> | 400<br>17.5 | 52<br>350   | 230<br>175                   | 65<br>60                         | 75<br>70                         | 95H7<br>118         | 95h6           |
| KBHF120..<br>KBVF120.. | Fig.2                  | 550<br>450h6 | 5<br>22   | 592<br>375 <sup>-1</sup>   | 500<br>17.5 | 53<br>450   | 280<br>205                   | 85<br>70                         | 95<br>80                         | 105H7<br>135        | 105h6          |
| KBHF150..<br>KBVF150.. | Fig.2                  | 660<br>550h6 | 6<br>28   | 705<br>450 <sup>-1</sup>   | 600<br>22   | 71.7<br>550 | 330<br>250                   | 90<br>80                         | 100<br>90                        | 125H7<br>155        | 125h6          |

| 型号<br>size             | L <sub>1</sub><br>L <sub>2</sub> | L <sub>3</sub><br>L <sub>4</sub> | d <sub>3</sub> | l <sub>6</sub><br>l <sub>7</sub> | 空心轴尺寸 hollow shaft dimension      |                                   |                                  |                                  |                                  |               |
|------------------------|----------------------------------|----------------------------------|----------------|----------------------------------|-----------------------------------|-----------------------------------|----------------------------------|----------------------------------|----------------------------------|---------------|
|                        |                                  |                                  |                |                                  | l <sub>9</sub><br>l <sub>10</sub> | l <sub>8</sub><br>l <sub>11</sub> | d <sub>4</sub><br>d <sub>5</sub> | S <sub>1</sub><br>S <sub>2</sub> | D <sub>m</sub><br>M <sub>e</sub> | M             |
| KBHF30..<br>KBVF30..   | 60<br>24                         | 210<br>139                       | 75             | 95<br>62                         | 25<br>18                          | 60<br>85                          | 37 <sup>+0.1</sup><br>42         | M10×30<br>M10                    | 2.75<br>33.03 <sup>-0.03</sup>   | 30×1.25×30×22 |
| KBHF40..<br>KBVF40..   | 75<br>25                         | 243<br>166                       | 83             | 110<br>77                        | 32<br>18                          | 75<br>115                         | 37 <sup>+0.1</sup><br>42         | M10×30<br>M10                    | 4<br>38.92 <sup>-0.03</sup>      | 35×2×30×16    |
| KBHF50..<br>KBVF50..   | 83<br>23.5                       | 269<br>173                       | 83             | 117<br>85                        | 32<br>18                          | 83<br>130                         | 37 <sup>+0.1</sup><br>42         | M10×30<br>M10                    | 4<br>38.92 <sup>-0.03</sup>      | 35×2×30×16    |
| KBHF60..<br>KBVF60..   | 90<br>23                         | 274<br>179                       | 93             | 126<br>90                        | 42<br>25                          | 90<br>130                         | 47 <sup>+0.1</sup><br>52         | M16×50<br>M16                    | 4<br>48.85 <sup>-0.03</sup>      | 45×2×30×21    |
| KBHF70..<br>KBVF70..   | 105<br>37                        | 312<br>202                       | 114            | 146<br>105                       | 52<br>23                          | 105<br>160                        | 55 <sup>+0.1</sup><br>62         | M16×50<br>M16                    | 4<br>54.13 <sup>-0.03</sup>      | 50×2×30×24    |
| KBHF80..<br>KBVF80..   | 120<br>30                        | 390<br>257                       | 159            | 170<br>120                       | 62<br>25                          | 120<br>180                        | 72 <sup>+0.1</sup><br>82         | M20×60<br>M20                    | 4<br>68.96 <sup>-0.04</sup>      | 65×2×30×31    |
| KBHF90..<br>KBVF90..   | 150<br>41.5                      | 435<br>277                       | 174            | 206<br>150                       | 72<br>25                          | 150<br>240                        | 72 <sup>+0.1</sup><br>90         | M20×60<br>M20                    | 4<br>74.15 <sup>-0.04</sup>      | 70×2×30×34    |
| KBHF100..<br>KBVF100.. | 175<br>41                        | 537<br>341                       | 200            | 245<br>176                       | 89<br>26                          | 175<br>290                        | 90 <sup>+0.1</sup><br>105        | M20×60<br>M20                    | 6<br>90.99 <sup>-0.04</sup>      | 85×3×30×27    |
| KBHF120..<br>KBVF120.. | 205<br>51                        | 615<br>390                       | 233            | 296<br>/                         | /<br>/                            | /<br>/                            | /<br>/                           | /<br>/                           | /<br>/                           | /             |
| KBHF150..<br>KBVF150.. | 250<br>60                        | 706<br>705                       | 315            | 370<br>/                         | /<br>/                            | /<br>/                            | /<br>/                           | /<br>/                           | /<br>/                           | /             |

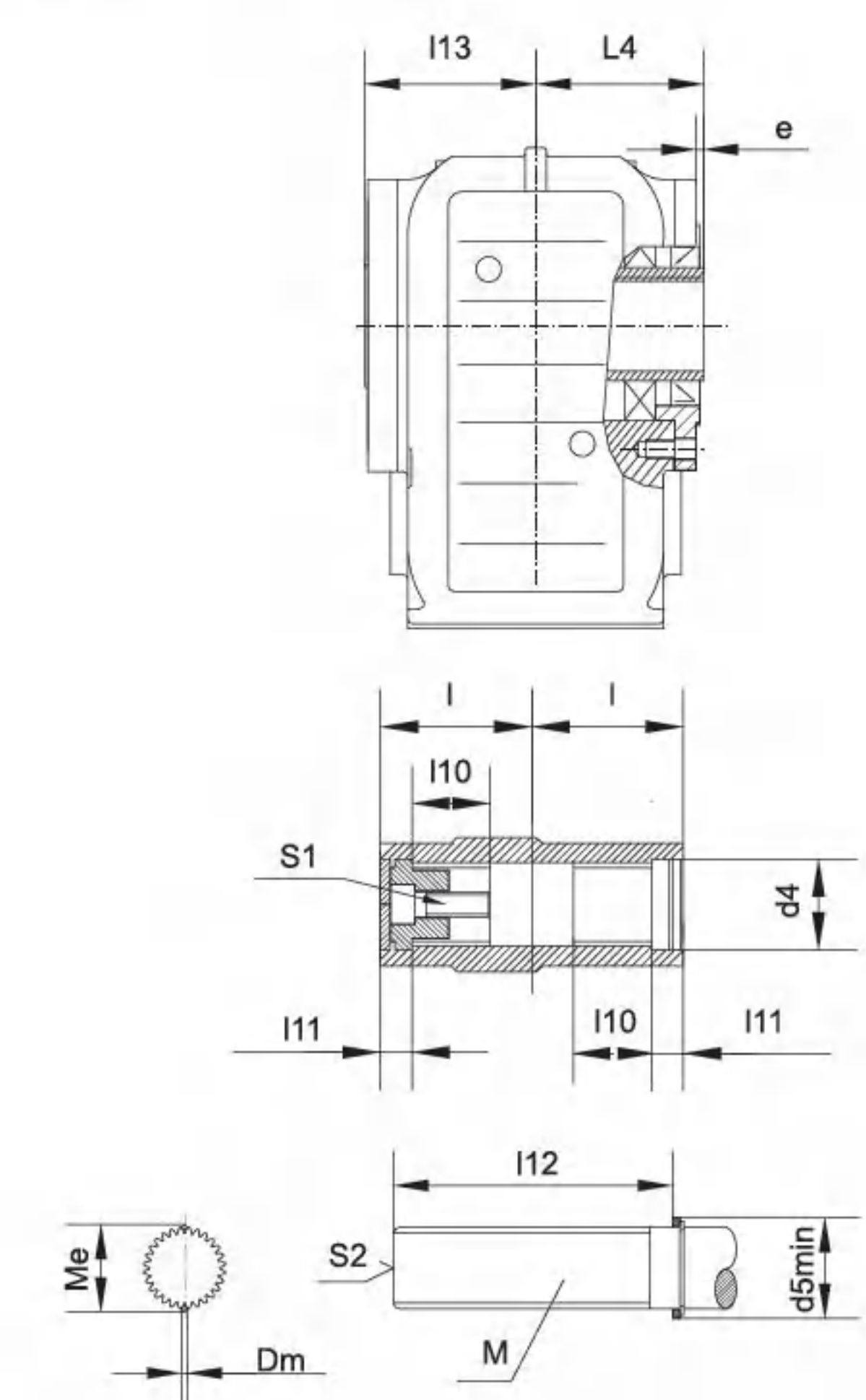
**KBAZ30..~KBAZ150..**



**KBHZ30..~KBHZ150..**



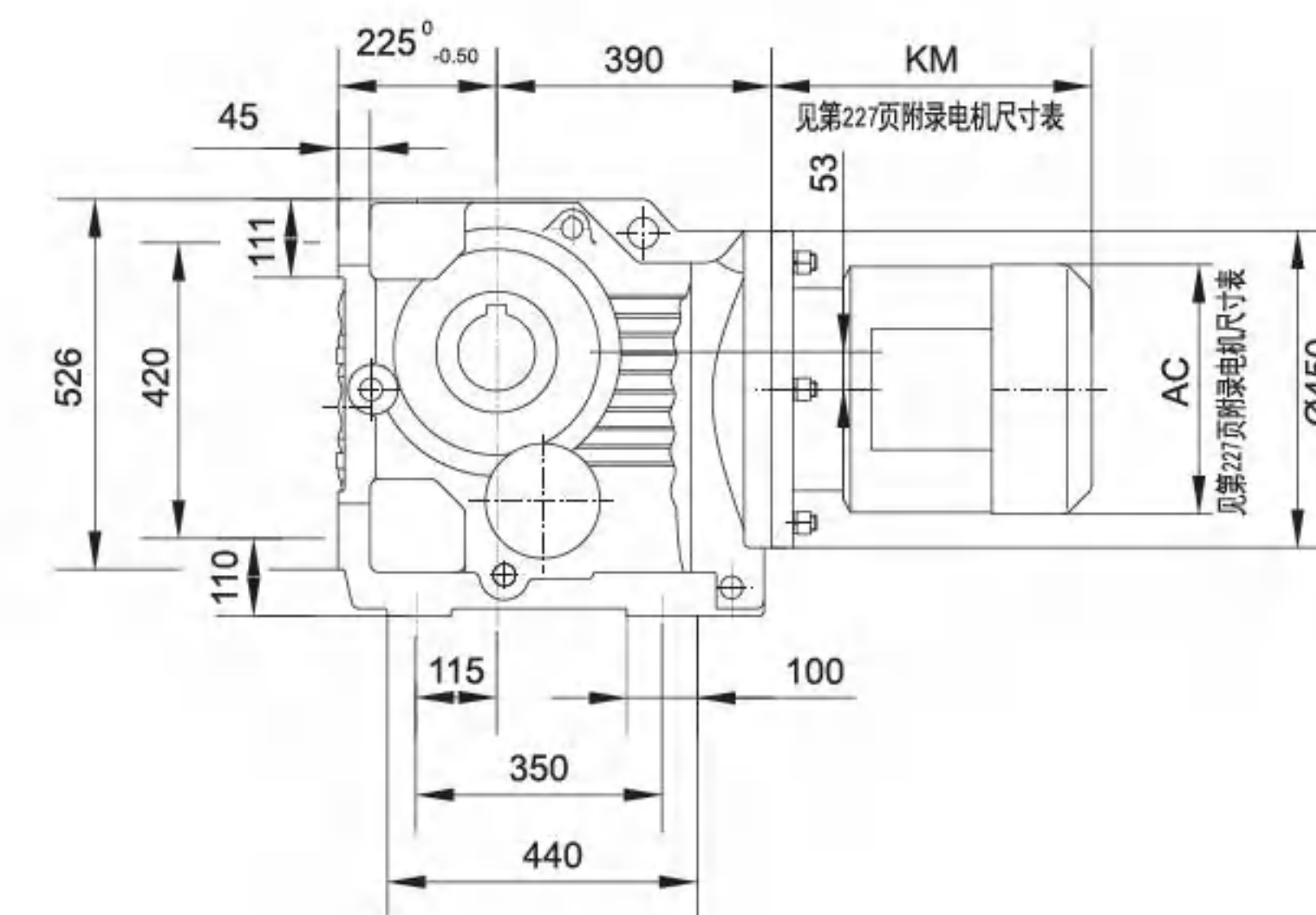
**KBVZ30..~KBVZ100..**



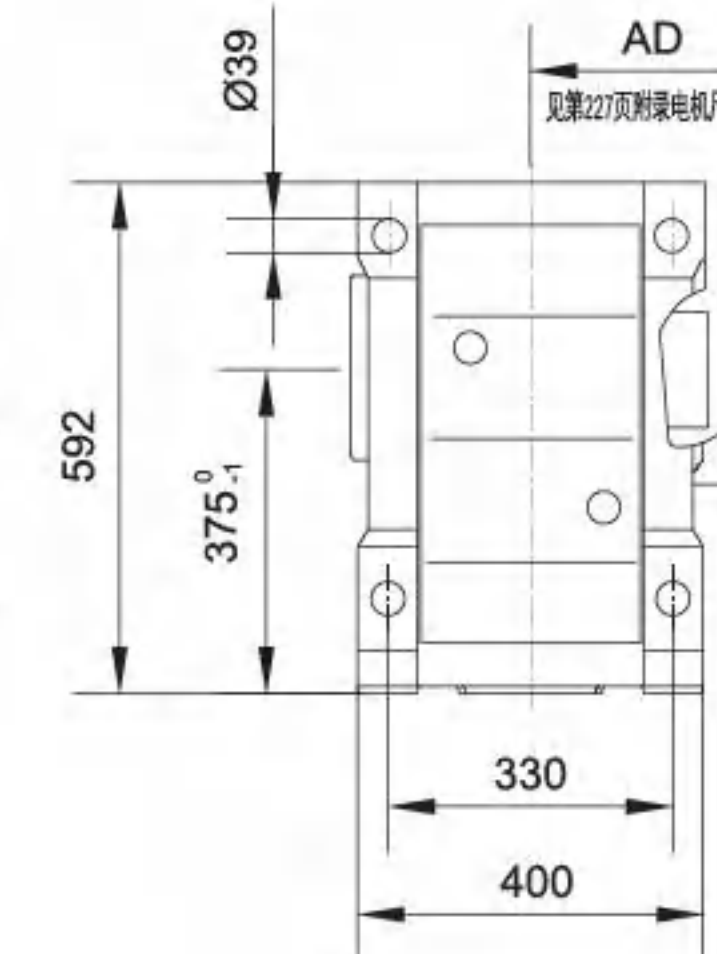
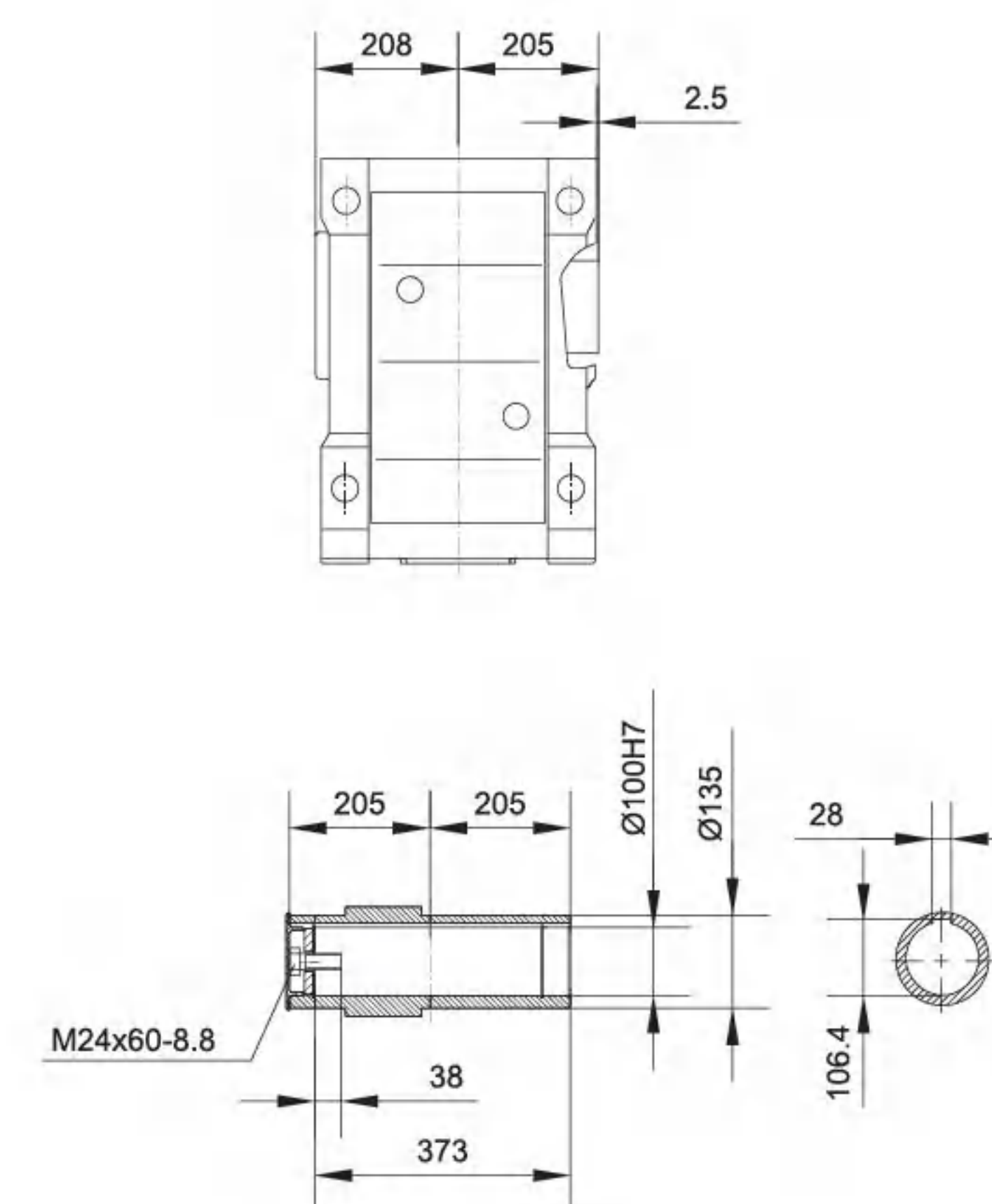


| 型号<br>size                          | a<br>b<br>c     | f<br>m<br>e       | D<br>D <sub>1</sub><br>D <sub>2</sub> | L <sub>1</sub><br>L <sub>2</sub><br>L <sub>3</sub> | H<br>h<br>Q       | L<br>N<br>L <sub>4</sub> | I <sub>3</sub><br>I <sub>9</sub><br>I <sub>13</sub> | 空心轴尺寸 hollow shaft dimension |                                  |             |                     |
|-------------------------------------|-----------------|-------------------|---------------------------------------|----------------------------------------------------|-------------------|--------------------------|-----------------------------------------------------|------------------------------|----------------------------------|-------------|---------------------|
|                                     |                 |                   |                                       |                                                    |                   |                          |                                                     | I<br>S                       | I <sub>1</sub><br>I <sub>2</sub> | t<br>u      | d<br>d <sub>1</sub> |
| KBAZ30..<br>KBHZ30..<br>KBVZ30..    | 3<br>11.5<br>12 | 94<br>M8<br>9     | 80j6<br>110<br>9                      | 210<br>97<br>147                                   | 164<br>100<br>120 | 139<br>8.5<br>60         | 63<br>95<br>62                                      | 60<br>M10×25                 | 17<br>105                        | 33.3<br>8   | 30H7<br>45          |
| KBAZ40..<br>KBHZ40..<br>KBVZ40..    | 3<br>11<br>12   | 102<br>M8<br>8.5  | 80j6<br>120<br>9                      | 243<br>115<br>170                                  | 185<br>112<br>160 | 166<br>7.2<br>75         | 78<br>110<br>77                                     | 75<br>M12×30                 | 22<br>132                        | 38.3<br>10  | 35H7<br>50          |
| KBAZ50..<br>KBHZ50..<br>KBVZ50..    | 3.5<br>12<br>20 | 125<br>M12<br>9   | 105j6<br>155<br>13.5                  | 269<br>120<br>182                                  | 215<br>132<br>160 | 173<br>13.1<br>83        | 86<br>117<br>85                                     | 83<br>M16×40                 | 29<br>142                        | 43.3<br>12  | 40H7<br>55          |
| KBAZ60..<br>KBHZ60..<br>KBVZ60..    | 3.5<br>12<br>20 | 125<br>M12<br>8.5 | 105j6<br>155<br>13.5                  | 274<br>125<br>182                                  | 226<br>140<br>160 | 179<br>20<br>90          | 94<br>126<br>90                                     | 90<br>M16×40                 | 29<br>156                        | 43.3<br>12  | 40H7<br>55          |
| KBAZ70..<br>KBHZ70..<br>KBVZ70..    | 3.5<br>14<br>20 | 142<br>M12<br>10  | 125j6<br>170<br>13.5                  | 312<br>139<br>204                                  | 286<br>180<br>200 | 202<br>31.3<br>105       | 108<br>146<br>105                                   | 105<br>M16×45                | 32<br>183                        | 53.8<br>14  | 50H7<br>70          |
| KBAZ80..<br>KBHZ80..<br>KBVZ80..    | 4<br>15<br>26   | 178<br>M16<br>11  | 155j6<br>215<br>17.5                  | 390<br>190<br>280                                  | 338<br>212<br>250 | 257<br>25.9<br>120       | 123<br>170<br>120                                   | 120<br>M20×50                | 36<br>120                        | 64.4<br>18  | 60H7<br>85          |
| KBAZ90..<br>KBHZ90..<br>KBVZ90..    | 4<br>18<br>26   | 220<br>M16<br>14  | 180j6<br>260<br>17.5                  | 435<br>190<br>298                                  | 414<br>265<br>300 | 277<br>32.5<br>150       | 153<br>206<br>150                                   | 150<br>M20×50                | 34<br>270                        | 74.9<br>20  | 70H7<br>95          |
| KBAZ100..<br>KBHZ100..<br>KBVZ100.. | 4<br>22<br>30   | 260<br>M20<br>8   | 210j6<br>304<br>22                    | 537<br>230<br>370                                  | 500<br>315<br>350 | 341<br>52<br>175         | 178<br>245<br>176                                   | 175<br>M24×60                | 40<br>313                        | 95.4<br>25  | 90H7<br>118         |
| KBAZ120..<br>KBHZ120..<br>KBVZ120.. | 5<br>30<br>28   | 300<br>M20<br>0   | 250h6<br>350<br>22                    | 615<br>288<br>440                                  | 592<br>375<br>450 | 390<br>53<br>205         | 208<br>296<br>/                                     | 205<br>M24×60                | 38<br>373                        | 106.4<br>28 | 100H7<br>135        |
| KBAZ150..<br>KBHZ150..<br>KBVZ150.. | 5<br>28<br>36   | 340<br>M24<br>-14 | 290h6<br>400<br>26                    | 706<br>298<br>480                                  | 705<br>450<br>550 | 426<br>71.7<br>250       | 253<br>370<br>/                                     | 250<br>M24×60                | 36<br>460                        | 127.4<br>32 | 120H7<br>155        |

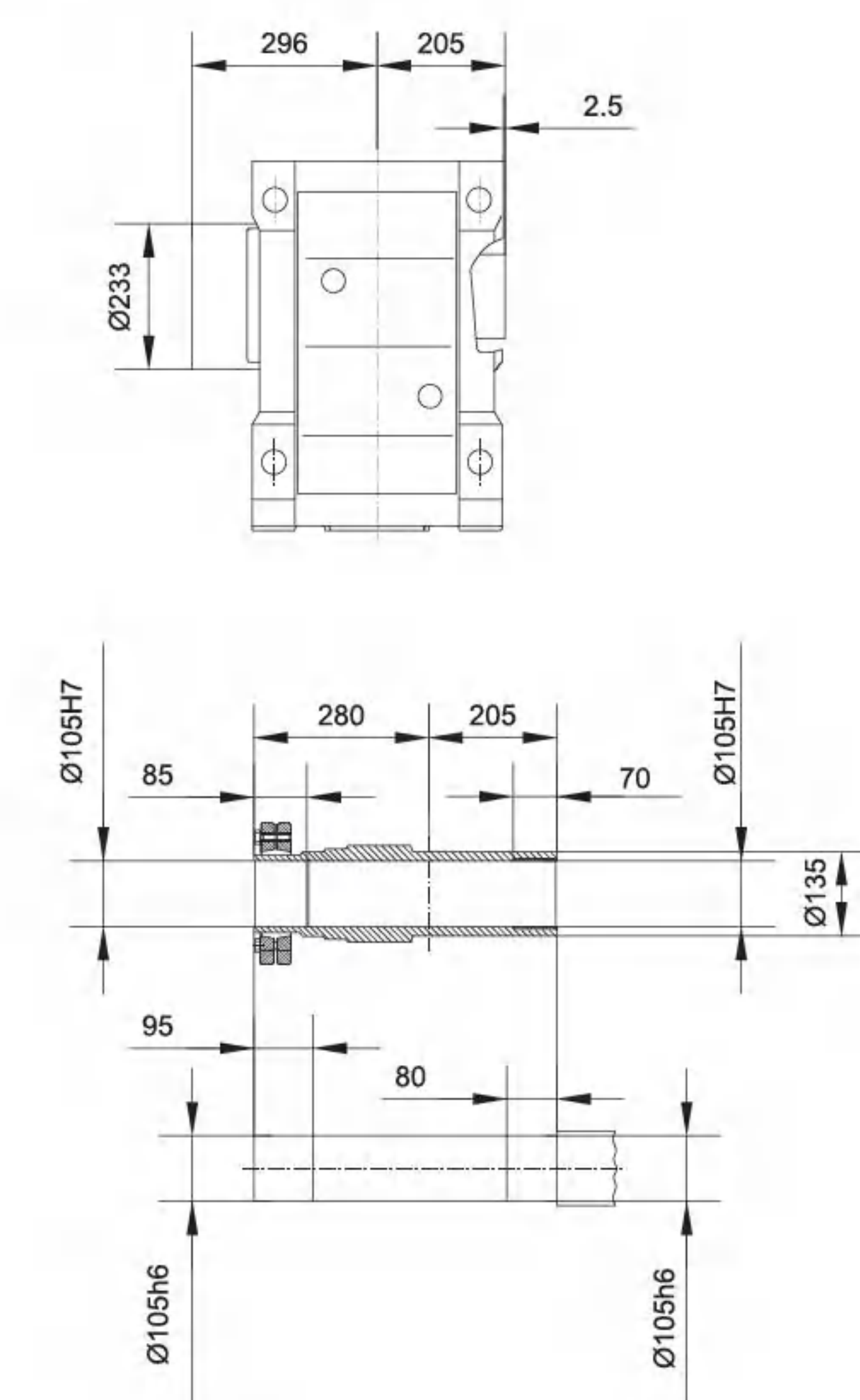
| 型号<br>size                          | D <sub>3</sub> | 空心轴尺寸 hollow shaft dimension                       |                                  |                                  |                                    |                 |                                  |                                  |                                  |               |
|-------------------------------------|----------------|----------------------------------------------------|----------------------------------|----------------------------------|------------------------------------|-----------------|----------------------------------|----------------------------------|----------------------------------|---------------|
|                                     |                | I <sub>4</sub><br>I <sub>5</sub><br>I <sub>6</sub> | I <sub>7</sub><br>I <sub>8</sub> | d <sub>2</sub><br>d <sub>3</sub> | I <sub>10</sub><br>I <sub>11</sub> | I <sub>12</sub> | d <sub>4</sub><br>d <sub>5</sub> | S <sub>1</sub><br>S <sub>2</sub> | D <sub>m</sub><br>M <sub>e</sub> | M             |
| KBAZ30..<br>KBHZ30..<br>KBVZ30..    | 75             | 86<br>31<br>20                                     | 36<br>25                         | 30H7<br>30h6                     | 25<br>18                           | 85              | 37 <sup>+0.1</sup><br>42         | M10×30<br>M10                    | 2.75<br>33.03-0.03               | 30×1.25×30×22 |
| KBAZ40..<br>KBHZ40..<br>KBVZ40..    | 83             | 102<br>32<br>20                                    | 37<br>25                         | 35H7<br>35h6                     | 32<br>18                           | 115             | 37 <sup>+0.1</sup><br>42         | M10×30<br>M10                    | 4<br>38.92-0.03                  | 35×2×30×16    |
| KBAZ50..<br>KBHZ50..<br>KBVZ50..    | 83             | 112<br>26<br>20                                    | 31<br>25                         | 40H7<br>40h6                     | 32<br>18                           | 130             | 37 <sup>+0.1</sup><br>42         | M10×30<br>M10                    | 4<br>38.92-0.03                  | 35×2×30×16    |
| KBAZ60..<br>KBHZ60..<br>KBVZ60..    | 93             | 118<br>38<br>20                                    | 43<br>25                         | 40H7<br>40h6                     | 42<br>25                           | 130             | 47 <sup>+0.1</sup><br>52         | M16×50<br>M16                    | 4<br>48.85-0.03                  | 45×2×30×21    |
| KBAZ70..<br>KBHZ70..<br>KBVZ70..    | 114            | 136<br>36<br>30                                    | 41<br>35                         | 50H7<br>50h6                     | 52<br>23                           | 160             | 55 <sup>+0.1</sup><br>62         | M16×50<br>M16                    | 4<br>54.13-0.03                  | 50×2×30×24    |
| KBAZ80..<br>KBHZ80..<br>KBVZ80..    | 159            | 161<br>41<br>40                                    | 46<br>45                         | 65H7<br>65h6                     | 62<br>25                           | 180             | 72 <sup>+0.1</sup><br>82         | M20×60<br>M20                    | 4<br>68.96-0.04                  | 65×2×30×31    |
| KBAZ90..<br>KBHZ90..<br>KBVZ90..    | 174            | 195<br>55<br>50                                    | 60<br>55                         | 75H7<br>75h6                     | 72<br>25                           | 240             | 72 <sup>+0.1</sup><br>90         | M20×60<br>M20                    | 4<br>74.15-0.04                  | 70×2×30×34    |
| KBAZ100..<br>KBHZ100..<br>KBVZ100.. | 200            | 230<br>65<br>60                                    | 75<br>70                         | 95H7<br>95h6                     | 89<br>26                           | 290             | 90 <sup>+0.1</sup><br>105        | M20×60<br>M20                    | 6<br>90.99-0.04                  | 85×3×30×27    |
| KBAZ120..<br>KBHZ120                | 233            | 280<br>85<br>70                                    | 95<br>80                         | 105H7<br>105h6                   | /<br>/                             | /               | /                                | /                                | /                                | /             |
| KBAZ150..<br>KBHZ150..              | 315            | 330<br>90<br>80                                    | 100<br>90                        | 125H7<br>125h6                   | /<br>/                             | /               | /                                | /                                | /                                | /             |



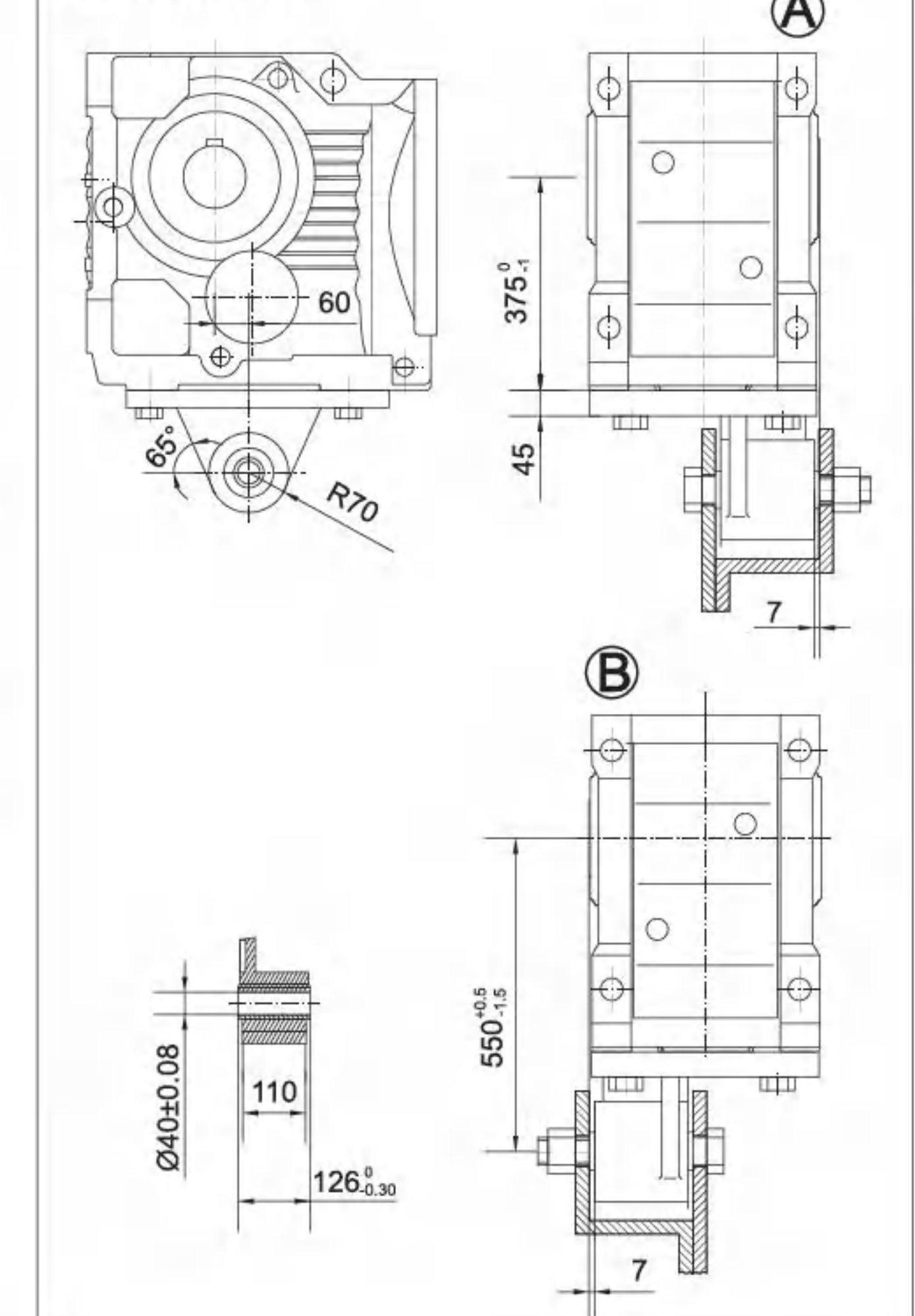
**KBA120..**



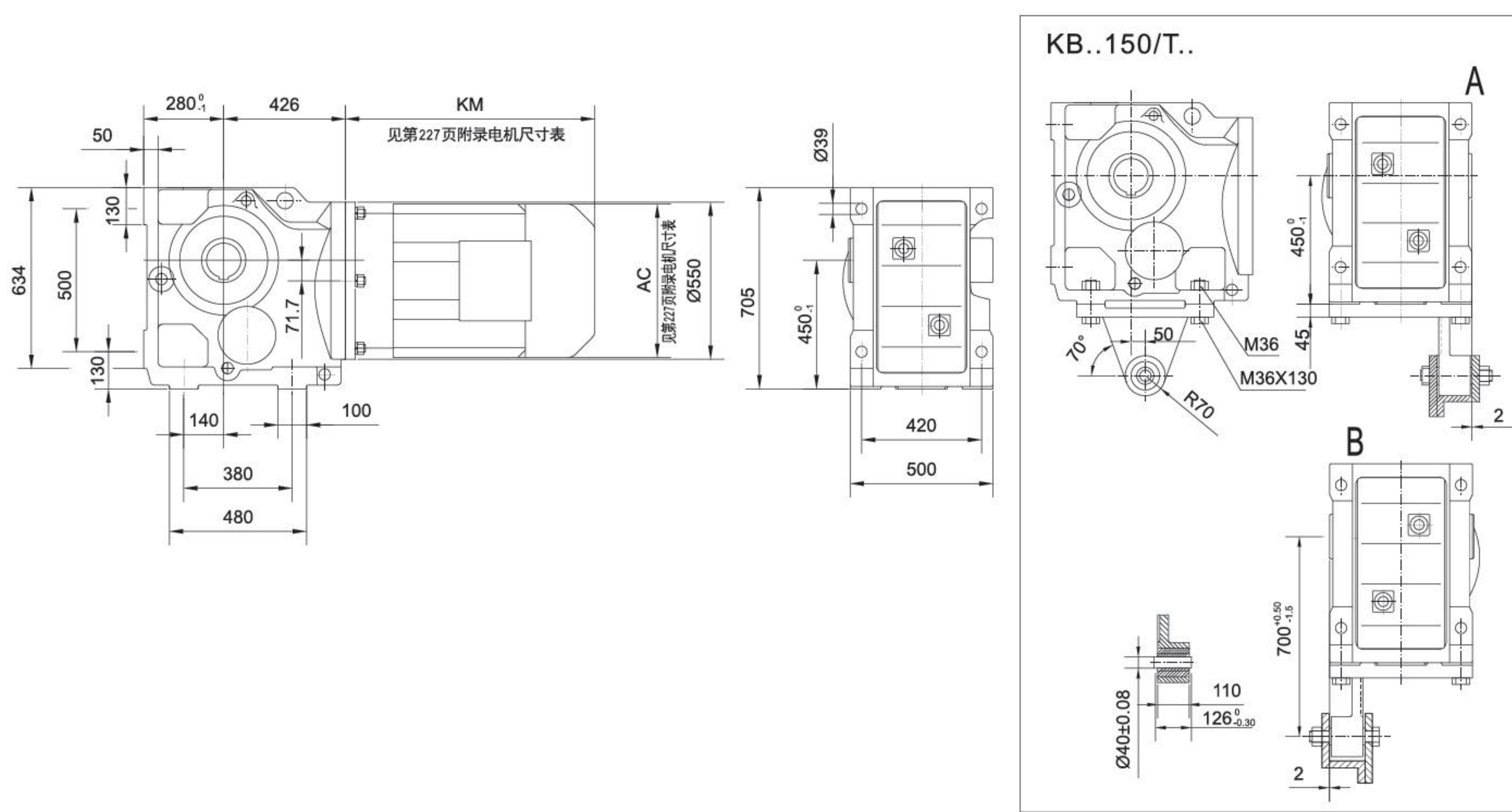
**KBH120..**



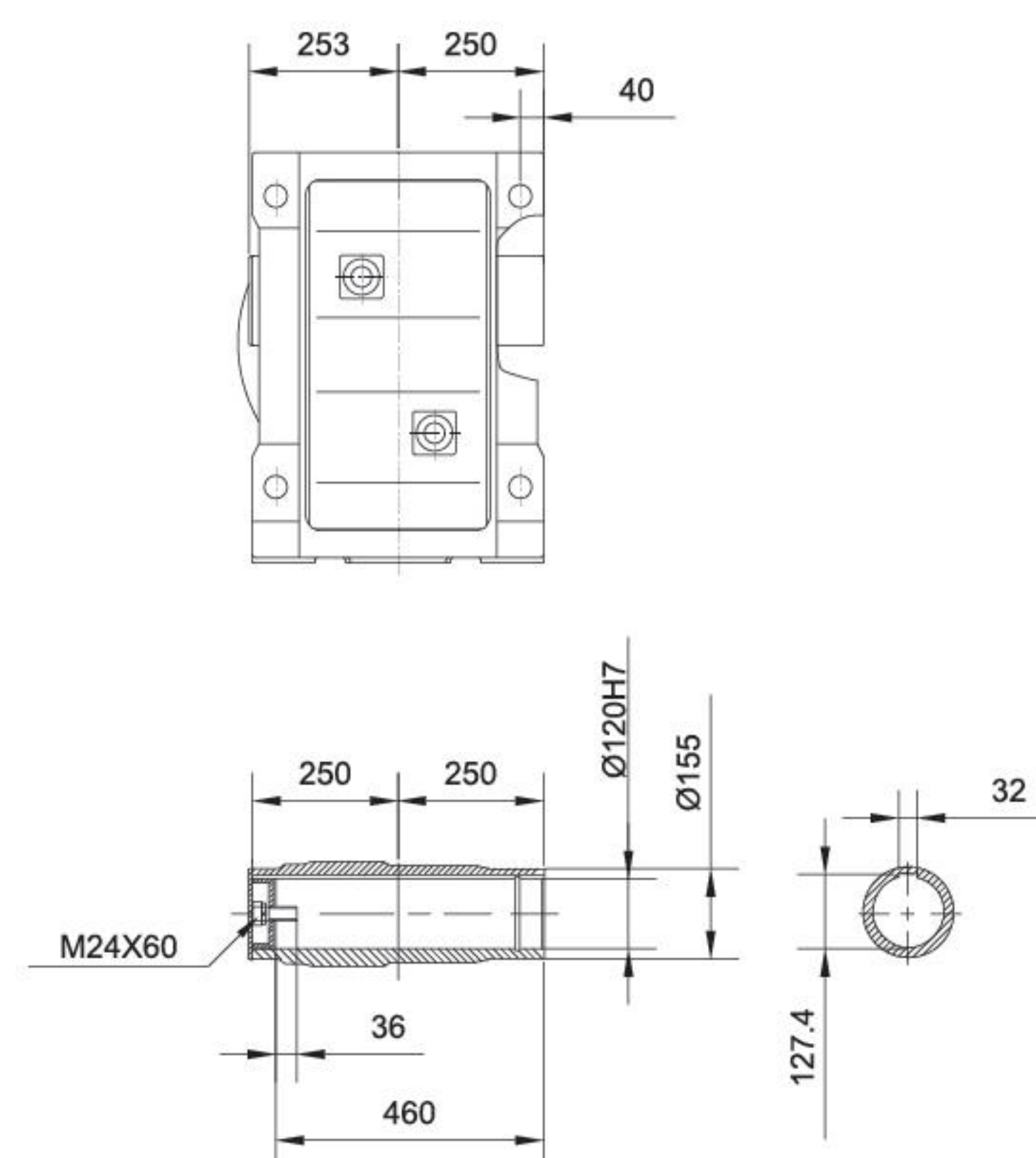
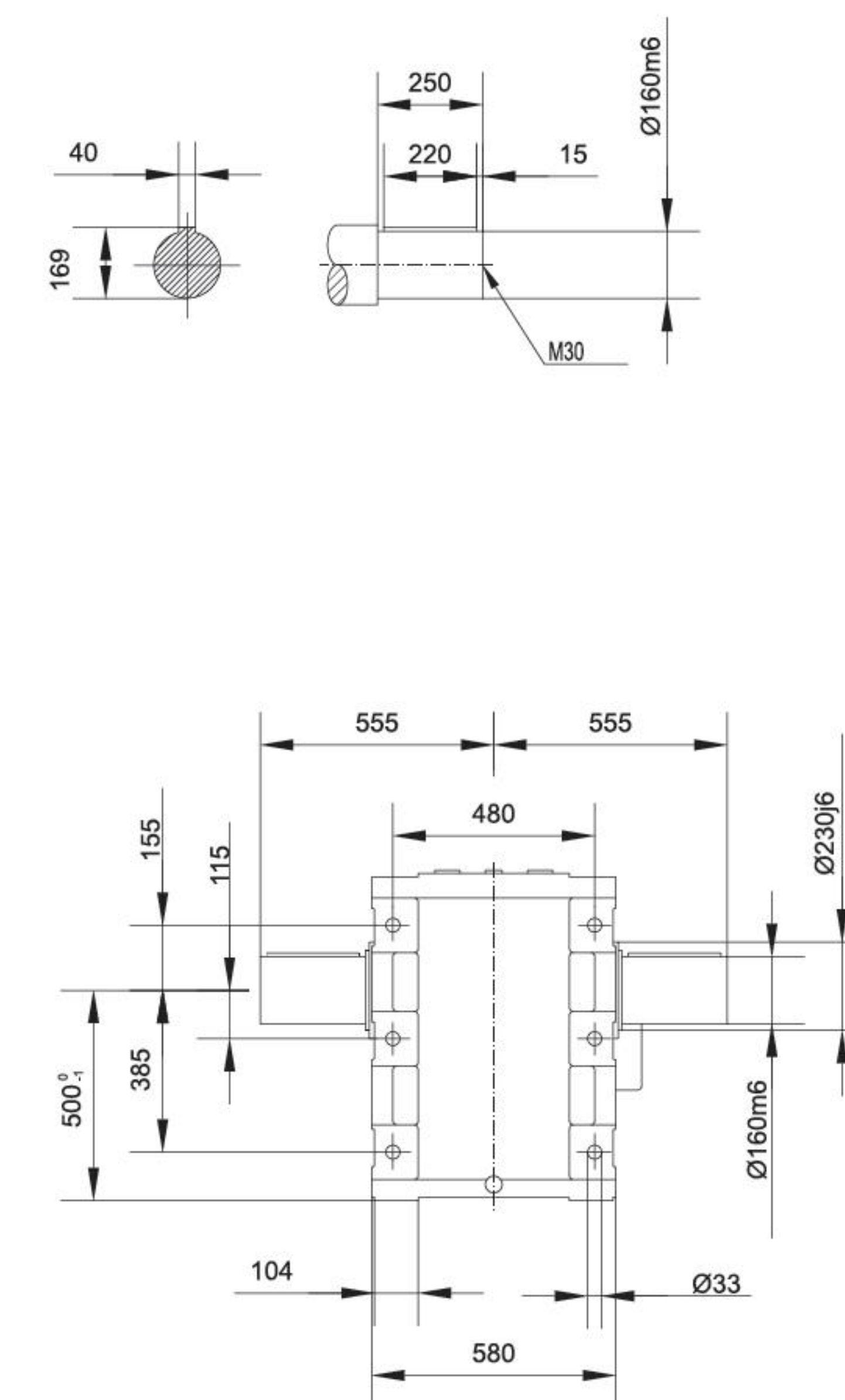
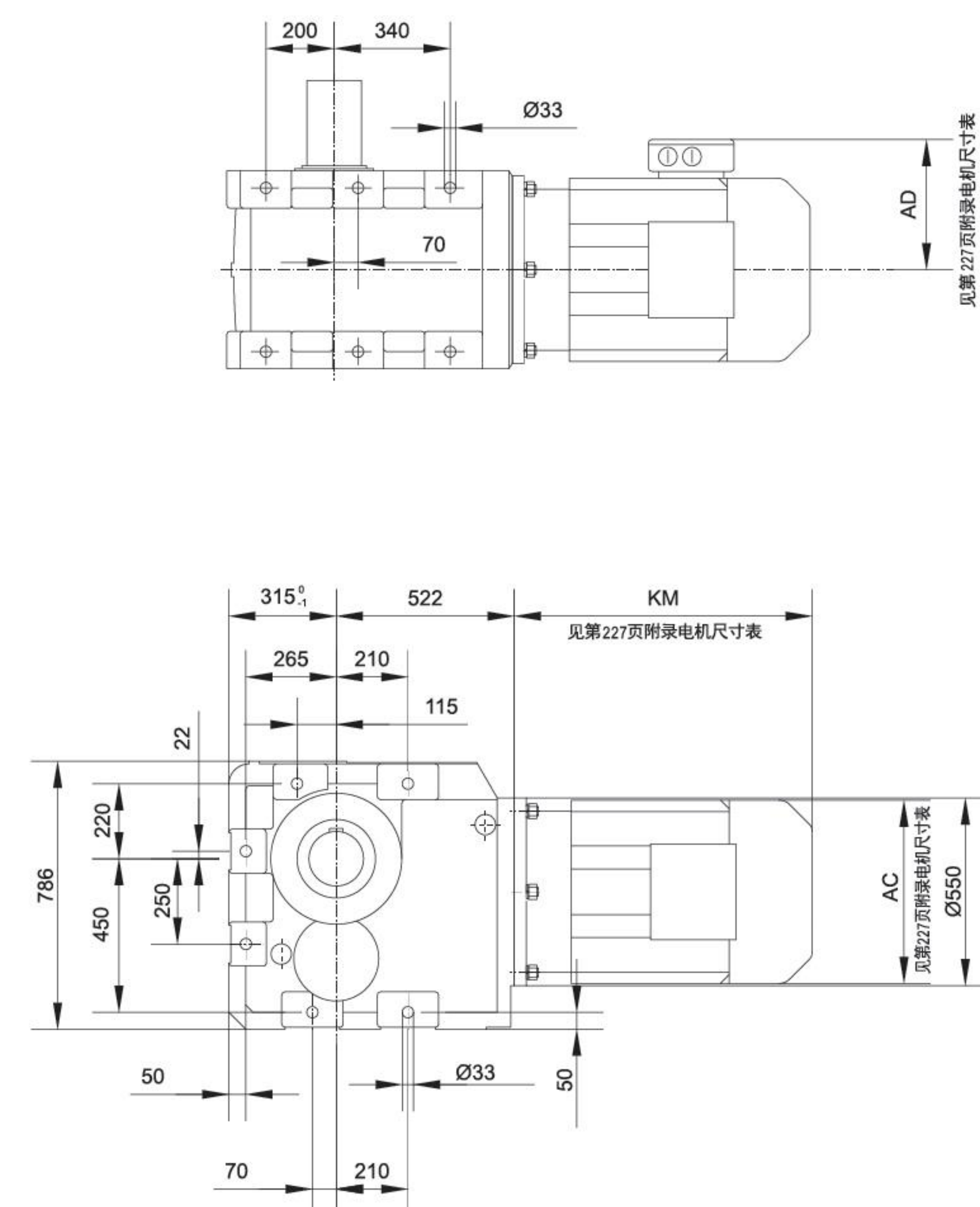
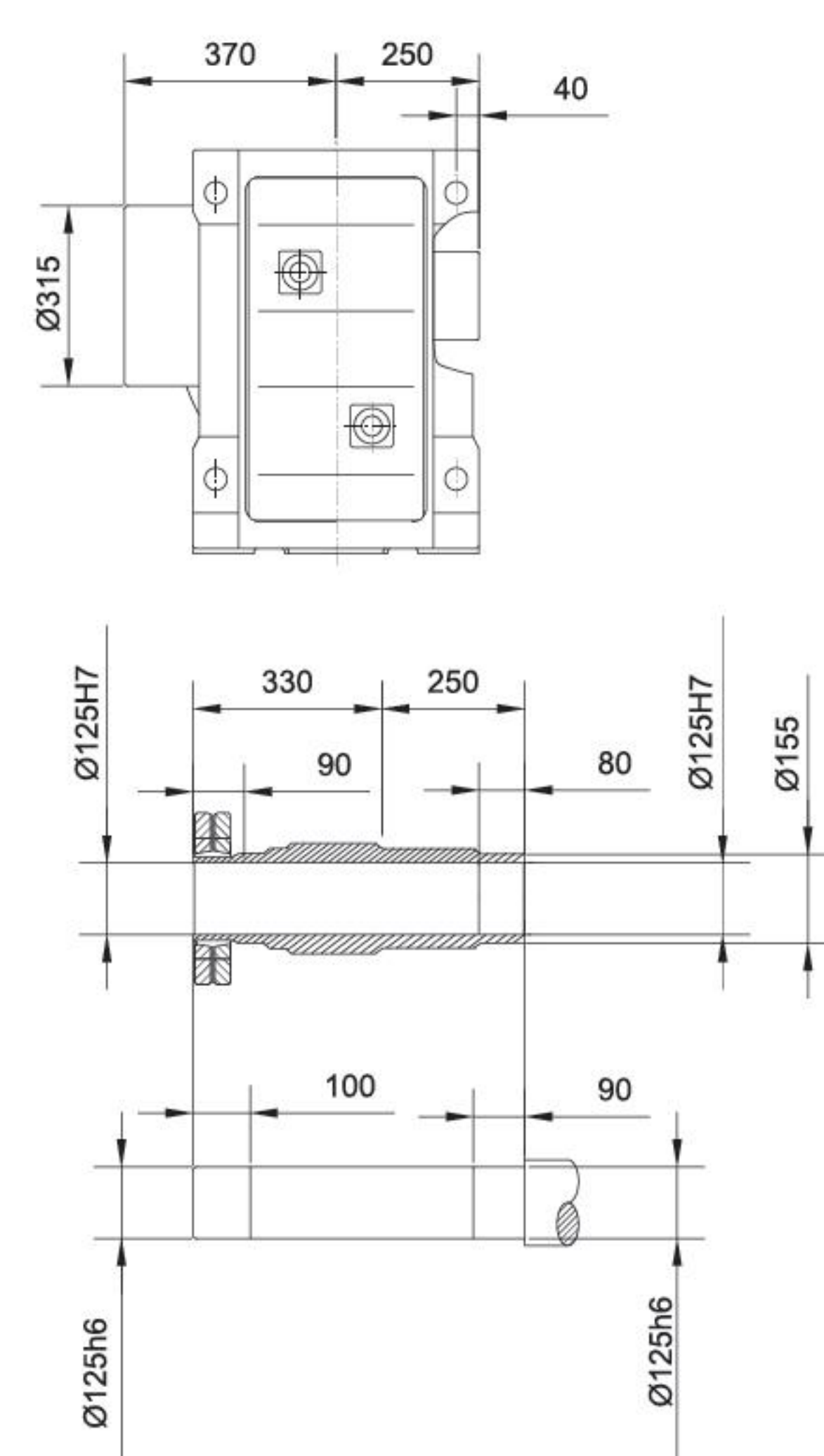
**KB..120/T..**





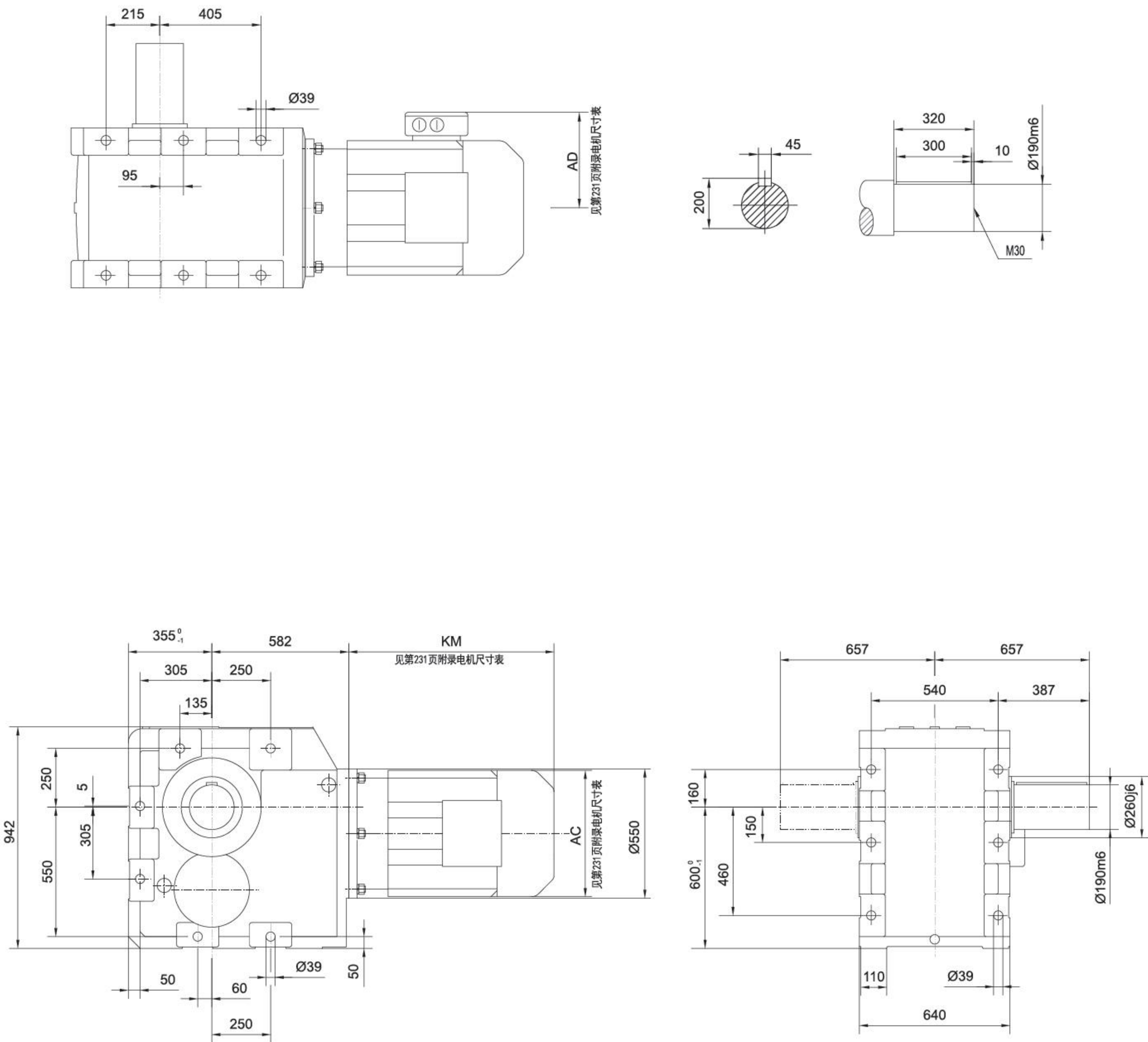


## KBA150..

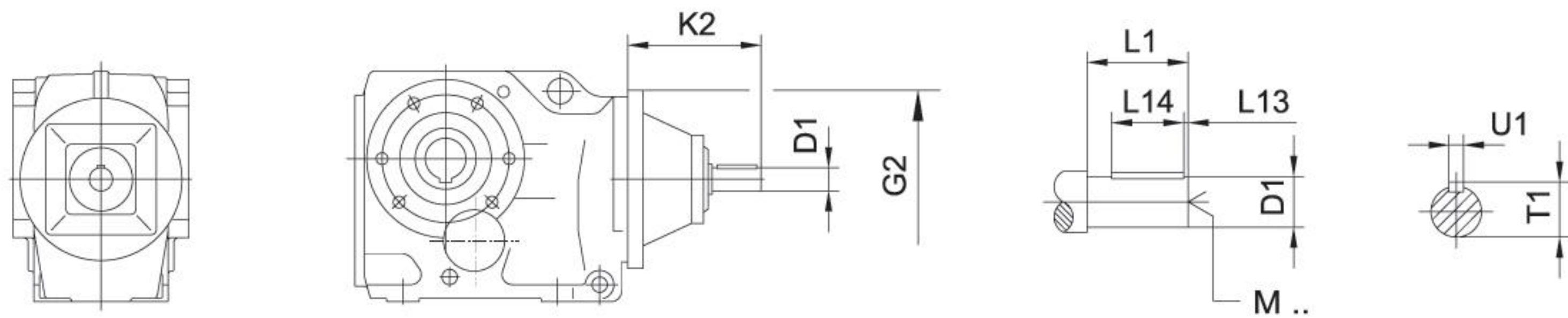
**KBH150..**



KB180..



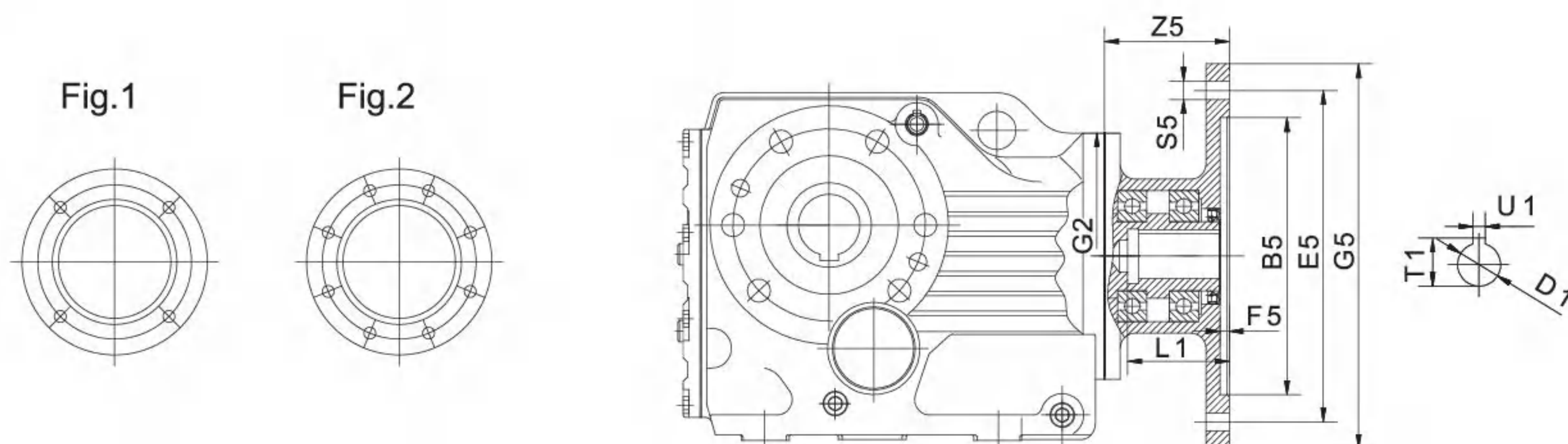
KB..AD..



|                               |     | G2  | K2  | D1 | L1  | L13 | L14 | T1   | U1 | M   |
|-------------------------------|-----|-----|-----|----|-----|-----|-----|------|----|-----|
| KB..30                        | AD1 | 120 | 102 | 16 | 40  | 4   | 32  | 18   | 5  | M5  |
|                               | AD2 |     | 130 | 19 | 40  | 4   | 32  | 21.5 | 6  | M6  |
| KB..40<br>KB..50<br>KB..60    | AD2 | 160 | 123 | 19 | 40  | 4   | 32  | 21.5 | 6  | M6  |
|                               | AD3 |     | 159 | 24 | 50  | 5   | 40  | 27   | 8  | M8  |
| KB..70                        | AD2 | 200 | 116 | 19 | 40  | 4   | 32  | 21.5 | 6  | M6  |
|                               | AD3 |     | 151 | 24 | 50  | 5   | 40  | 27   | 8  | M8  |
|                               | AD4 |     | 224 | 38 | 80  | 5   | 70  | 41   | 10 | M12 |
| KB..80                        | AD2 | 250 | 111 | 19 | 40  | 4   | 32  | 21.5 | 6  | M6  |
|                               | AD3 |     | 165 | 28 | 60  | 5   | 50  | 31   | 8  | M10 |
|                               | AD4 |     | 219 | 38 | 80  | 5   | 70  | 41   | 10 | M12 |
|                               | AD5 |     | 292 | 42 | 110 | 10  | 70  | 45   | 12 | M16 |
| KB..90                        | AD3 | 300 | 151 | 28 | 60  | 5   | 50  | 31   | 8  | M10 |
|                               | AD4 |     | 214 | 38 | 80  | 5   | 70  | 41   | 10 | M12 |
|                               | AD5 |     | 287 | 42 | 110 | 10  | 70  | 45   | 12 | M16 |
|                               | AD6 |     | 324 | 48 | 110 | 10  | 80  | 51.5 | 14 | M16 |
| KB..100                       | AD3 | 350 | 145 | 28 | 60  | 5   | 50  | 31   | 8  | M10 |
|                               | AD4 |     | 208 | 38 | 80  | 5   | 70  | 41   | 10 | M12 |
|                               | AD5 |     | 281 | 42 | 110 | 10  | 70  | 45   | 12 | M16 |
|                               | AD6 |     | 321 | 48 | 110 | 10  | 80  | 51.5 | 14 | M16 |
| KB..120                       | AD4 | 450 | 193 | 38 | 80  | 5   | 70  | 41   | 10 | M12 |
|                               | AD5 |     | 266 | 42 | 110 | 10  | 70  | 45   | 12 | M16 |
|                               | AD6 |     | 306 | 48 | 110 | 10  | 80  | 51.5 | 14 | M16 |
|                               | AD7 |     | 345 | 55 | 110 | 10  | 90  | 59   | 16 | M20 |
|                               | AD8 |     | 383 | 70 | 140 | 15  | 110 | 74.5 | 20 | M20 |
| KB..150<br>KB..160<br>KB..180 | AD5 | 550 | 258 | 42 | 110 | 10  | 70  | 45   | 12 | M16 |
|                               | AD6 |     | 298 | 48 | 110 | 10  | 80  | 51.5 | 14 | M16 |
|                               | AD7 |     | 292 | 55 | 110 | 10  | 90  | 59   | 16 | M20 |
|                               | AD8 |     | 374 | 70 | 140 | 15  | 110 | 74.5 | 20 | M20 |

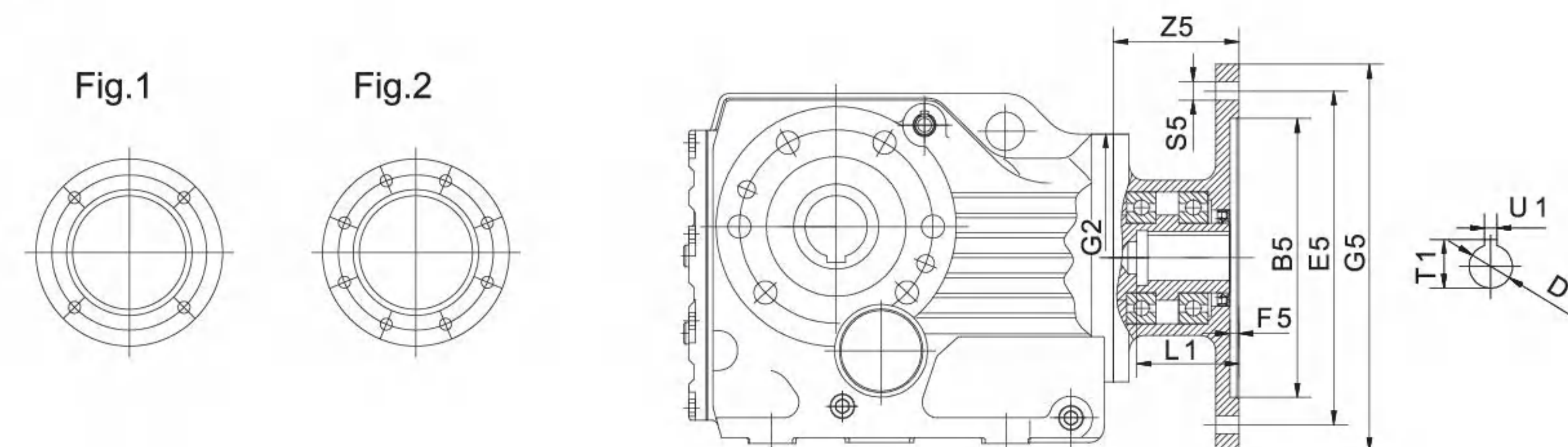


***KB..AM..***



|                            |                       | Fig | B5  | E5  | F5  | G2   | G5  | S5  | Z5  | D1  | L1   | T1   | U1 |  |
|----------------------------|-----------------------|-----|-----|-----|-----|------|-----|-----|-----|-----|------|------|----|--|
| KB..30                     | AM63                  | 1   | 95  | 115 | 3.5 | 120  | 140 | M8  | 50  | 11  | 23   | 12.8 | 4  |  |
|                            | AM71 <sup>(1)</sup>   |     | 110 | 130 |     |      | 160 |     | 54  | 14  | 30   | 16.3 | 5  |  |
|                            | AM80 <sup>(1)</sup>   |     | 130 | 165 | 4.5 |      | 200 | M10 | 69  | 19  | 40   | 21.8 | 6  |  |
|                            | AM90 <sup>(1)</sup>   |     |     |     |     |      |     |     | 24  | 50  | 27.3 | 8    |    |  |
| KB..40<br>KB..50<br>KB..60 | AM63                  | 1   | 95  | 115 | 3.5 | 160  | 140 | M8  | 50  | 11  | 23   | 12.8 | 4  |  |
|                            | AM71                  |     | 110 | 130 |     |      | 160 |     | 54  | 14  | 30   | 16.3 | 5  |  |
|                            | AM80                  |     | 130 | 165 | 4.5 |      | 200 | M10 | 69  | 19  | 40   | 21.8 | 6  |  |
|                            | AM90                  |     |     |     |     |      |     |     | 24  | 50  | 27.3 | 8    |    |  |
|                            | AM100 <sup>(1)</sup>  |     | 180 | 215 | 5   |      | 250 | M12 | 81  | 28  | 60   | 31.3 | 8  |  |
| AM112 <sup>(1)</sup>       |                       |     |     |     |     |      |     |     |     |     |      |      |    |  |
| KB..70                     | AM63                  | 1   | 95  | 115 | 3.5 | 200  | 140 | M8  | 54  | 11  | 23   | 12.8 | 4  |  |
|                            | AM71                  |     | 110 | 130 |     |      | 160 |     |     | 14  | 30   | 16.3 | 5  |  |
|                            | AM80                  |     | 130 | 165 | 4.5 |      | 200 | M10 | 69  | 19  | 40   | 21.8 | 6  |  |
|                            | AM90                  |     |     |     |     |      |     |     | 24  | 50  | 27.3 | 8    |    |  |
|                            | AM100 <sup>(1)</sup>  |     | 180 | 215 | 5   |      | 250 | M12 | 81  | 28  | 60   | 31.3 | 8  |  |
|                            | AM112 <sup>(1)</sup>  |     |     |     |     |      |     |     |     |     |      |      |    |  |
|                            | AM132S <sup>(1)</sup> |     | 230 | 265 | 5   |      | 300 |     | 92  | 38  | 80   | 41.3 | 10 |  |
|                            | AM132M <sup>(1)</sup> |     |     |     |     |      |     |     |     |     |      |      |    |  |
| AM132ML <sup>(1)</sup>     |                       |     |     |     |     |      |     |     |     |     |      |      |    |  |
| KB..80                     | AM80                  | 1   | 130 | 165 | 4.5 | 250  | 200 | M10 | 69  | 19  | 40   | 21.8 | 6  |  |
|                            | AM90                  |     |     |     |     |      |     |     |     | 24  | 50   | 27.3 | 8  |  |
|                            | AM100                 |     | 180 | 215 | 5   |      | 250 | M12 | 81  | 28  | 60   | 31.3 | 8  |  |
|                            | AM112                 |     |     |     |     |      |     |     |     |     |      |      |    |  |
|                            | AM132S<br>AM132M      |     | 230 | 265 | 6   |      | 300 | M16 | 125 | 42  | 110  | 45.3 | 12 |  |
|                            | AM132ML               |     |     |     |     |      |     |     |     | 48  |      | 51.8 | 14 |  |
|                            | AM160 <sup>(1)</sup>  |     | 250 | 300 |     |      | 350 |     |     | 42  | 110  | 45.3 | 12 |  |
|                            | AM180 <sup>(1)</sup>  |     |     |     |     |      |     |     |     | 48  |      | 51.8 | 14 |  |
| KB..90                     | AM100                 | 1   | 180 | 215 | 5   | 300  | 250 | M12 | 81  | 28  | 60   | 31.3 | 8  |  |
|                            | AM112                 |     |     |     |     |      |     |     |     |     |      |      |    |  |
|                            | AM132S<br>AM132M      |     | 230 | 265 | 6   |      | 300 | M16 | 125 | 42  | 110  | 45.3 | 12 |  |
|                            | AM132ML               |     |     |     |     |      |     |     |     | 48  |      | 51.8 | 14 |  |
|                            | AM160                 |     | 250 | 300 | 7   |      | 350 |     |     | 42  | 110  | 45.3 | 12 |  |
|                            | AM180                 |     |     |     |     |      |     |     |     | 48  |      | 51.8 | 14 |  |
|                            | AM200 <sup>(1)</sup>  | 300 | 350 |     | 400 |      |     |     | 42  | 110 | 45.3 | 12   |    |  |
| AM225 <sup>(1)</sup>       | 48                    |     |     |     |     | 51.8 |     |     | 14  |     |      |      |    |  |

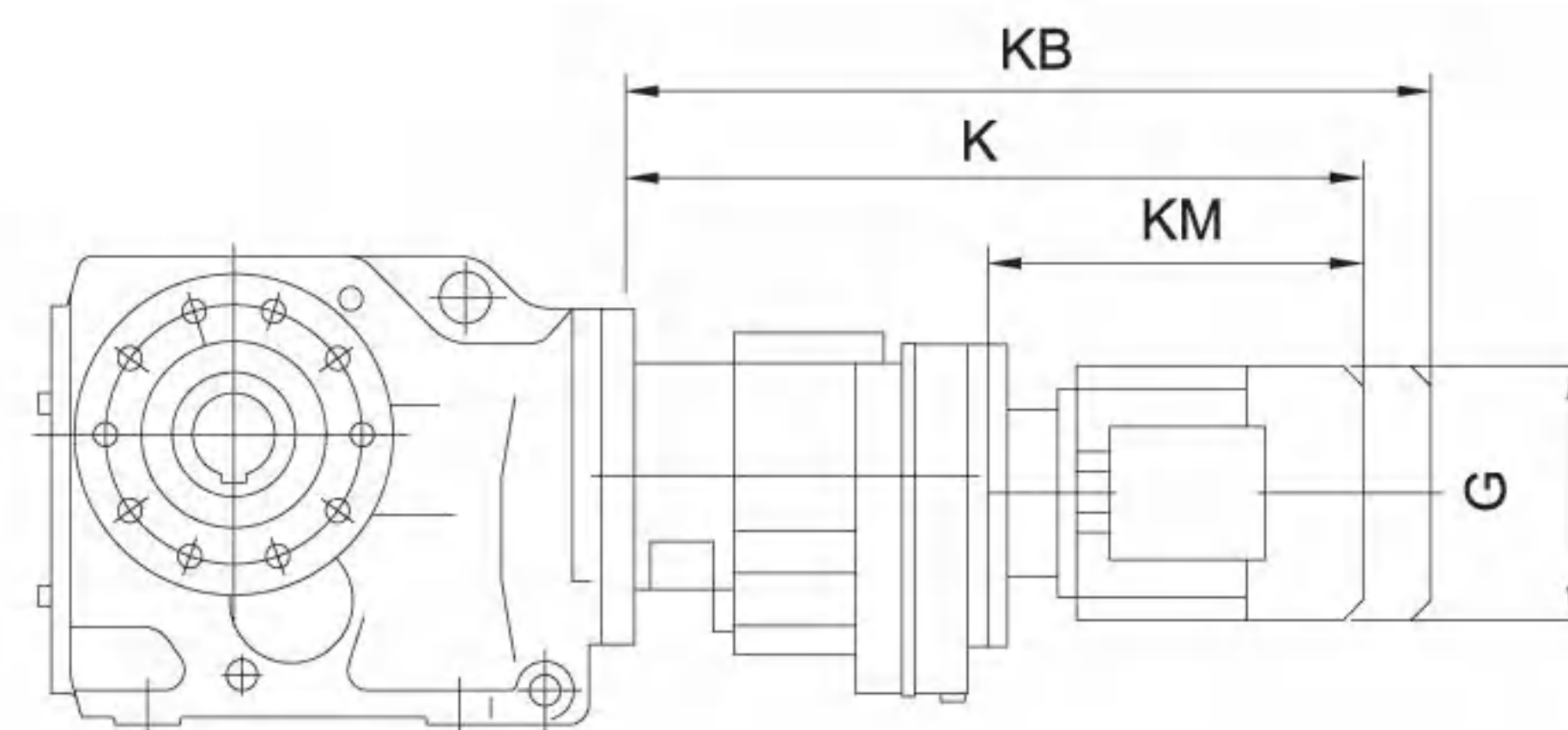
**KB..AM..**



|                               |         | Fig | B5  | E5  | F5  | G2  | G5  | S5  | Z5   | D1   | L1   | T1   | U1 |
|-------------------------------|---------|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|----|
| KB..100                       | AM100   | 1   | 180 | 215 | 5   | 350 | 250 | M12 | 81   | 28   | 60   | 31.3 | 8  |
|                               | AM112   |     |     |     |     |     |     |     |      |      |      |      |    |
|                               | AM132S  |     | 230 | 265 |     |     | 300 |     | 92   | 38   | 80   | 41.3 | 10 |
|                               | AM132M  |     |     |     |     |     |     |     |      |      |      |      |    |
|                               | AM132ML |     |     |     |     |     |     |     |      |      |      |      |    |
|                               | AM160   | 250 | 300 | 6   | 350 |     | M16 | 124 | 42   | 110  | 45.3 | 12   |    |
|                               | AM180   |     |     |     |     |     |     |     | 48   |      | 51.8 | 14   |    |
|                               | AM200   |     |     |     |     |     |     |     | 55   |      | 59.3 | 16   |    |
| AM225                         | 2       | 350 | 400 | 7   | 400 | 144 |     | 55  | 140  | 64.4 | 18   |      |    |
|                               |         |     | 450 |     | 159 | 60  |     |     |      |      |      |      |    |
| KB..120                       | AM132S  | 1   | 230 | 265 | 5   | 450 | 300 | M12 | 92   | 38   | 80   | 41.3 | 10 |
|                               | AM132M  |     |     |     |     |     |     |     |      |      |      |      |    |
|                               | AM132ML |     |     |     |     |     |     |     |      |      |      |      |    |
|                               | AM160   |     | 250 | 300 | 6   |     | 350 | M16 | 124  | 42   | 110  | 45.3 | 12 |
|                               | AM180   |     |     |     |     |     |     |     |      | 48   |      | 51.8 | 14 |
|                               | AM200   | 55  |     |     |     |     |     |     |      | 59.3 |      | 16   |    |
|                               | AM225   | 2   | 350 | 400 | 7   |     | 450 |     | 159  | 60   | 140  | 64.4 | 18 |
|                               | AM250   |     | 450 | 500 |     |     | 550 |     | 65   | 69.4 |      |      |    |
|                               | AM280   |     |     |     |     |     |     | 75  | 79.9 | 20   |      |      |    |
|                               |         |     |     |     |     |     |     |     |      |      |      |      |    |
| KB..150<br>KB..160<br>KB..170 | AM160   | 1   | 250 | 300 | 6   | 550 | 350 | M16 | 124  | 42   | 110  | 45.3 | 12 |
|                               | AM180   |     |     |     |     |     |     |     |      | 48   |      | 51.8 | 14 |
|                               | AM200   |     |     |     |     |     |     |     |      | 55   |      | 59.3 | 16 |
|                               | AM225   | 2   | 350 | 400 | 7   |     | 450 |     | 254  | 60   | 140  | 64.4 | 18 |
|                               | AM250   |     | 450 | 500 |     |     | 550 |     | 65   | 69.4 |      |      |    |
|                               | AM280   |     |     |     |     |     |     |     | 75   | 79.9 |      | 20   |    |



**KB..H..**



|                        |        | G   | K   | KB  | KM  |
|------------------------|--------|-----|-----|-----|-----|
| KB..30H10              | D63..  | 155 | 368 | 425 | 193 |
|                        | D71D   | 155 | 369 | 433 | 194 |
|                        | D80..  | 155 | 419 | 483 | 244 |
| KB..40H10<br>KB..60H30 | D63..  | 155 | 400 | 457 | 235 |
|                        | D71D   | 155 | 401 | 465 | 236 |
|                        | D80..  | 155 | 451 | 515 | 286 |
| KB..50H30              | D63..  | 155 | 410 | 457 | 235 |
|                        | D71D   | 155 | 401 | 465 | 236 |
|                        | D80..  | 155 | 451 | 515 | 286 |
|                        | D90..  | 210 | 451 | 536 | 286 |
| KB..70H30              | D63..  | 155 | 392 | 449 | 235 |
|                        | D71D   | 155 | 393 | 457 | 236 |
|                        | D80..  | 155 | 443 | 507 | 286 |
|                        | D90..  | 210 | 443 | 528 | 286 |
| KB..80H50              | D63..  | 155 | 445 | 502 | 229 |
|                        | D71D   | 155 | 445 | 509 | 229 |
|                        | D80..  | 210 | 495 | 559 | 279 |
|                        | D90..  | 210 | 495 | 580 | 279 |
|                        | D100M  | 210 | 545 | 630 | 329 |
|                        | D100L  | 210 | 565 | 650 | 349 |
| KB..90H50              | D63..  | 155 | 440 | 497 | 229 |
|                        | D71D   | 155 | 440 | 504 | 229 |
|                        | D80..  | 155 | 490 | 554 | 279 |
|                        | D90..  | 210 | 490 | 575 | 279 |
|                        | D100M  | 210 | 540 | 625 | 329 |
|                        | D100L  | 210 | 560 | 645 | 349 |
| KB..100H70             | D112M  | 240 | 575 | 655 | 364 |
|                        | D63..  | 155 | 470 | 527 | 223 |
|                        | D71D   | 155 | 470 | 534 | 223 |
|                        | D80..  | 155 | 520 | 584 | 273 |
|                        | D90..  | 210 | 518 | 603 | 271 |
|                        | D100M  | 210 | 568 | 653 | 321 |
|                        | D100L  | 210 | 588 | 673 | 341 |
|                        | D112M  | 240 | 602 | 682 | 355 |
|                        | D132S  | 240 | 647 | 727 | 400 |
|                        | D132M  | 285 | 699 | 811 | 452 |
|                        | D132ML | 285 | 719 | 831 | 472 |
|                        | D160M  | 330 | 749 | 861 | 512 |

|                       |        | G   | K    | KB   | KM  |
|-----------------------|--------|-----|------|------|-----|
| KB..120H70            | D63..  | 155 | 455  | 512  | 223 |
|                       | D71D   | 155 | 455  | 519  | 223 |
|                       | D80..  | 155 | 505  | 569  | 273 |
|                       | D90..  | 210 | 503  | 588  | 271 |
|                       | D100M  | 210 | 553  | 638  | 321 |
|                       | D100L  | 210 | 573  | 658  | 341 |
|                       | D112M  | 240 | 587  | 667  | 355 |
|                       | D132S  | 240 | 632  | 712  | 400 |
|                       | D132M  | 285 | 684  | 796  | 452 |
|                       | D132ML | 285 | 704  | 816  | 472 |
| KB..120H80            | D160M  | 330 | 734  | 846  | 502 |
|                       | D90..  | 210 | 547  | 632  | 267 |
|                       | D100M  | 210 | 597  | 682  | 317 |
|                       | DV100L | 210 | 617  | 702  | 337 |
|                       | D112M  | 240 | 630  | 710  | 350 |
|                       | D132S  | 240 | 675  | 755  | 395 |
|                       | D132M  | 285 | 727  | 839  | 447 |
|                       | D132ML | 285 | 747  | 859  | 467 |
|                       | D160M  | 330 | 777  | 889  | 497 |
|                       | DV160L | 330 | 824  | 980  | 544 |
| KB..150H90            | D180.. | 380 | 896  | 1052 | 616 |
|                       | D80..  | 155 | 586  | 650  | 261 |
|                       | D90..  | 210 | 586  | 671  | 261 |
|                       | D100M  | 210 | 636  | 721  | 311 |
|                       | D100L  | 210 | 656  | 741  | 331 |
|                       | D112M  | 240 | 670  | 750  | 345 |
|                       | D132S  | 240 | 715  | 795  | 390 |
|                       | D132M  | 285 | 767  | 879  | 442 |
|                       | D132ML | 285 | 787  | 899  | 462 |
|                       | D160M  | 330 | 817  | 929  | 492 |
| KB160H90<br>KBH160H90 | D160L  | 330 | 864  | 1020 | 539 |
|                       | D180.. | 380 | 936  | 1092 | 61  |
|                       | D200.. | 420 | 1024 | 1180 | 699 |
|                       | D100M  | 210 | 687  | 772  | 305 |
|                       | D100L  | 210 | 707  | 792  | 325 |
|                       | D112M  | 240 | 721  | 801  | 339 |
|                       | D132S  | 240 | 766  | 846  | 384 |
|                       | D132M  | 285 | 818  | 930  | 436 |
|                       | D132ML | 285 | 838  | 950  | 456 |
|                       | D160M  | 330 | 868  | 980  | 486 |
| KB180H90<br>KBH180H90 | D160L  | 330 | 915  | 1071 | 533 |
|                       | D180.. | 380 | 987  | 1143 | 605 |
|                       | D200.. | 420 | 1075 | 1231 | 693 |
|                       | D225.. | 470 | 1107 | 1263 | 725 |

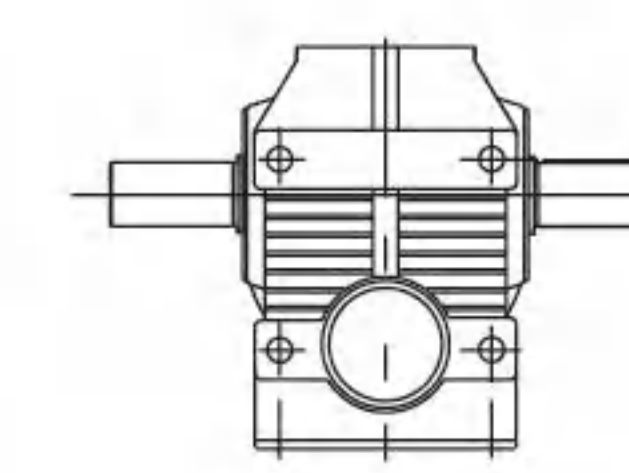
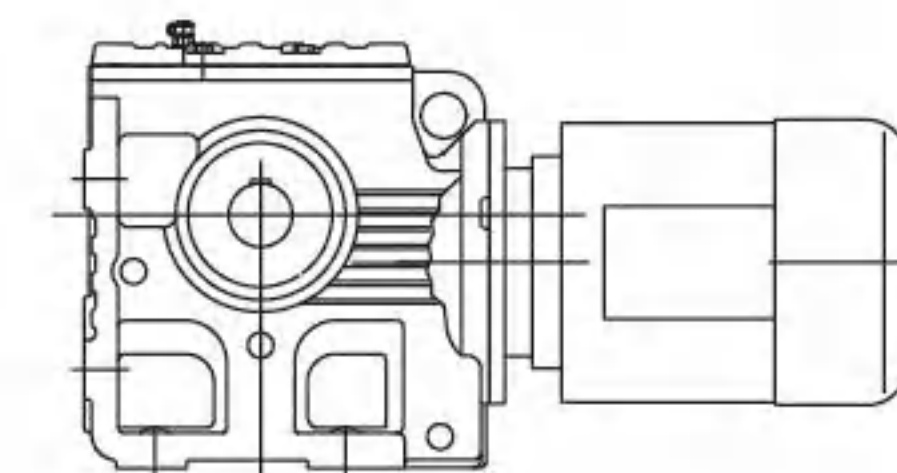
## 8. KW系列斜齿轮—蜗轮蜗杆减速机KW Helical – Worm Geared Motor

### 8.1 设计方案

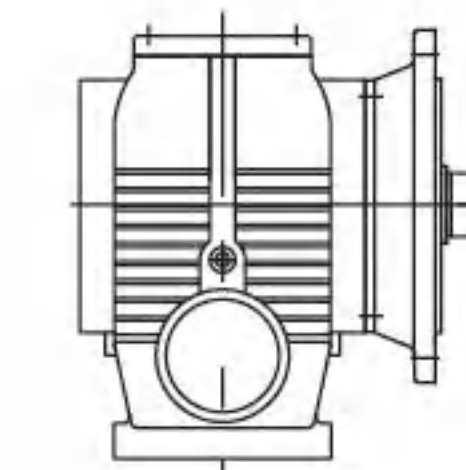
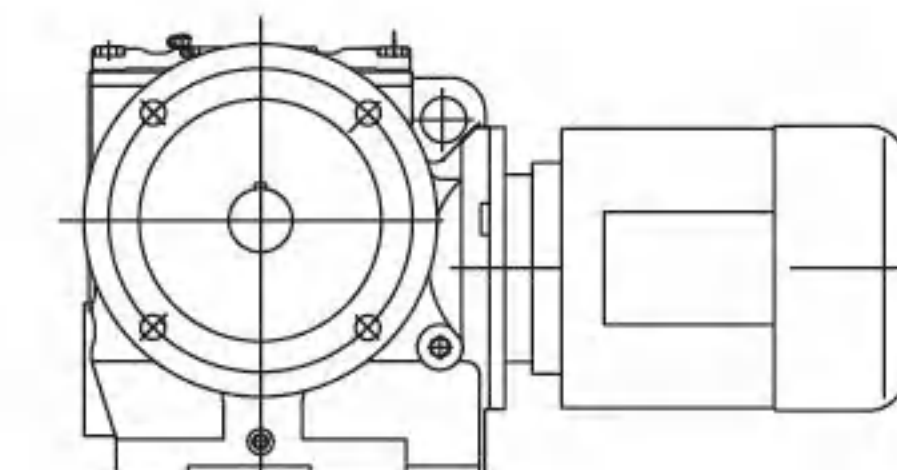
#### 8.1 Versions of KPM geared motors

斜齿轮—蜗轮蜗杆齿轮减速机有以下设计方案：

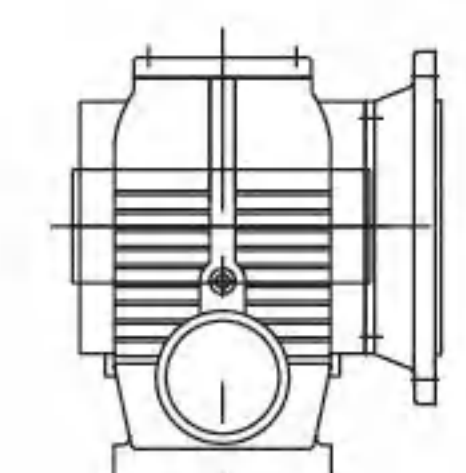
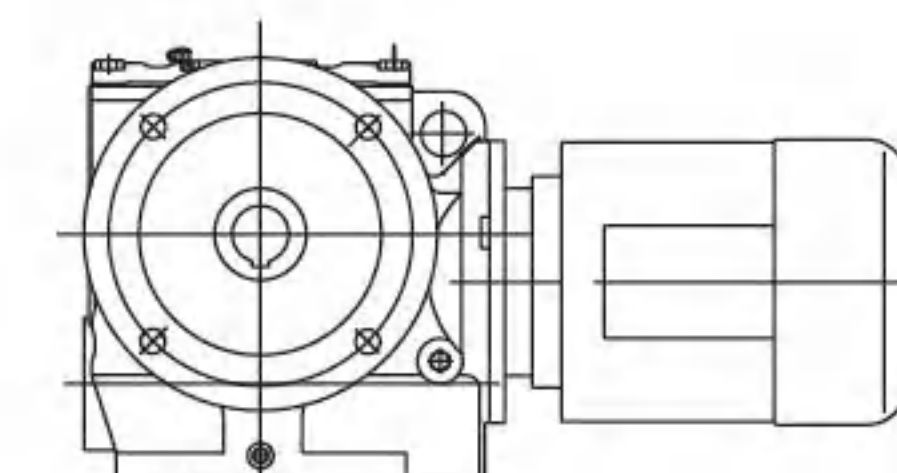
The following types of helical – worm gearmotor can be supplied:



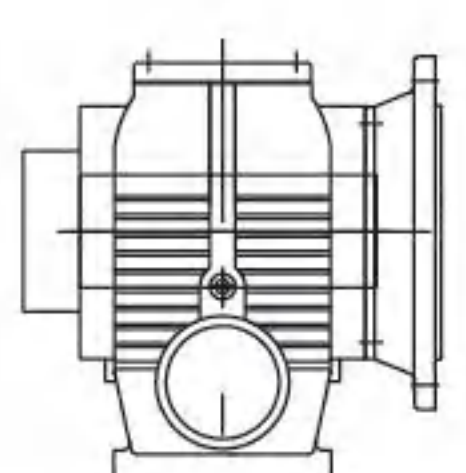
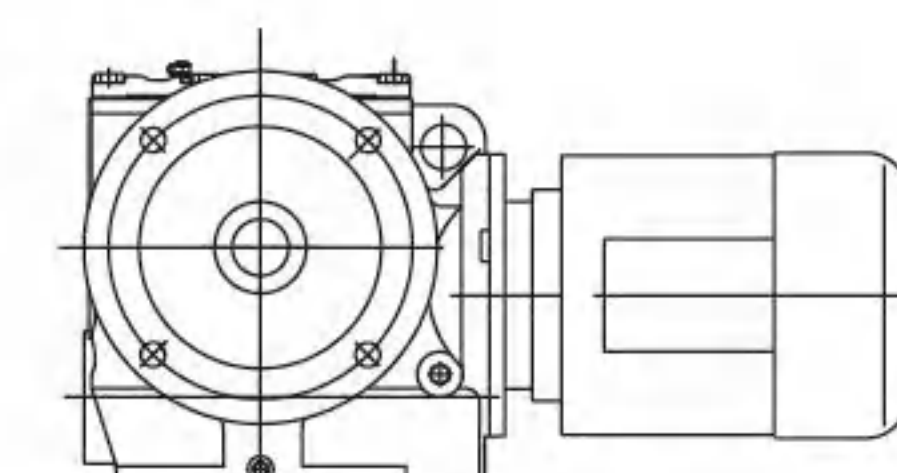
**KW..**  
地脚安装斜齿轮—蜗轮蜗杆齿轮减速机  
Foot – mounted helical – worm gearmotor



**KWF..**  
法兰安装斜齿轮—蜗轮蜗杆齿轮减速机  
Helical – worm gearmotor flange – mounted version.

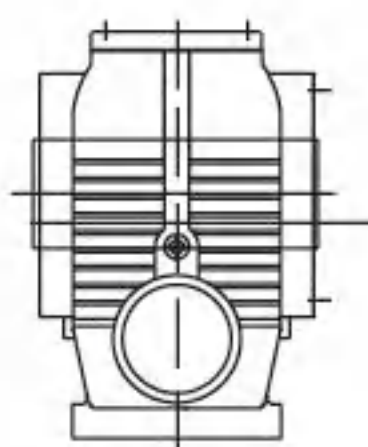
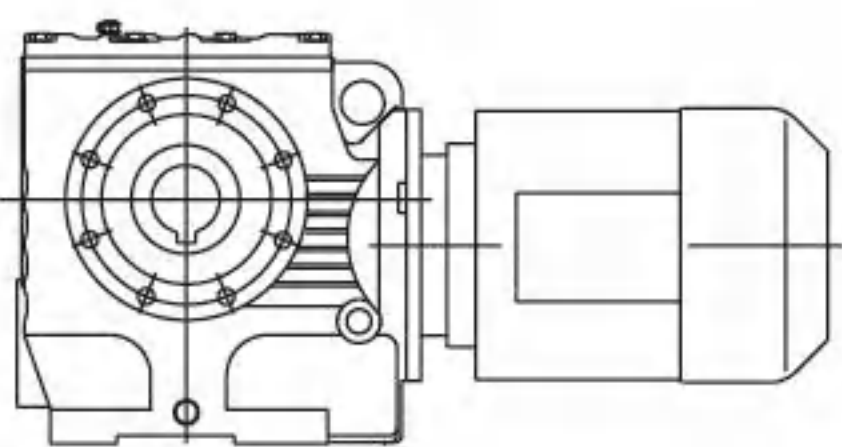


**KWAF..**  
B5 法兰空心轴安装斜齿轮—蜗轮蜗杆齿轮减速机  
Helical – worm gearmotor in B5 flange – mounted version with hollow shaft.

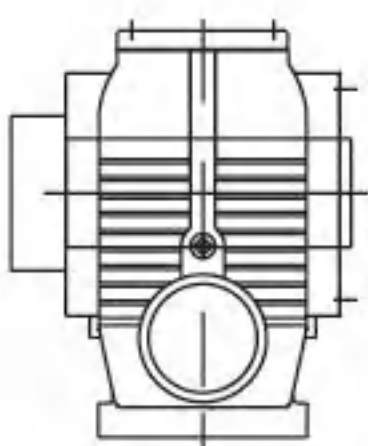
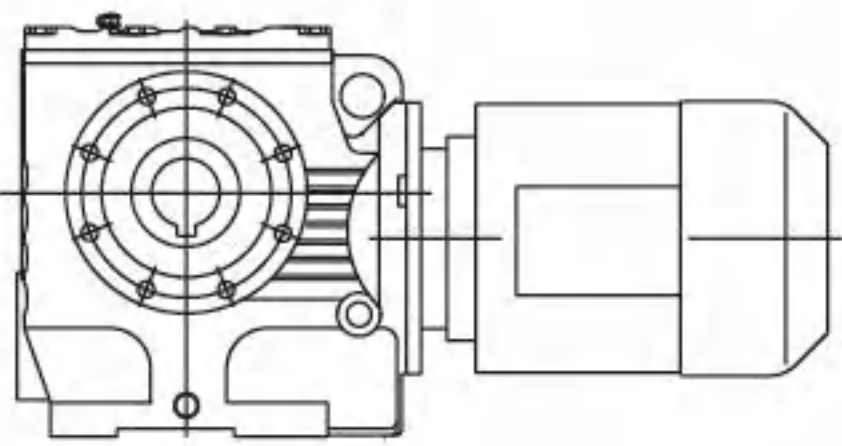


**KWHF..**  
B5 法兰空心轴锁紧盘安装斜齿轮—蜗轮蜗杆齿轮减速机  
Helical – worm gearmotor in B5 flange – mounted version with hollow shaft and shrink disk.

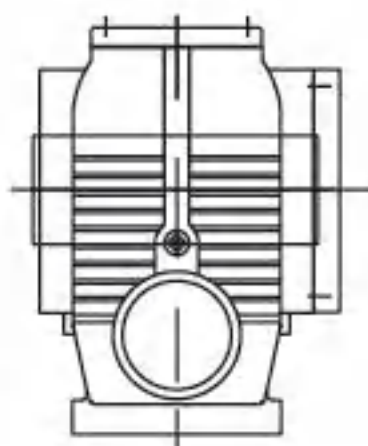
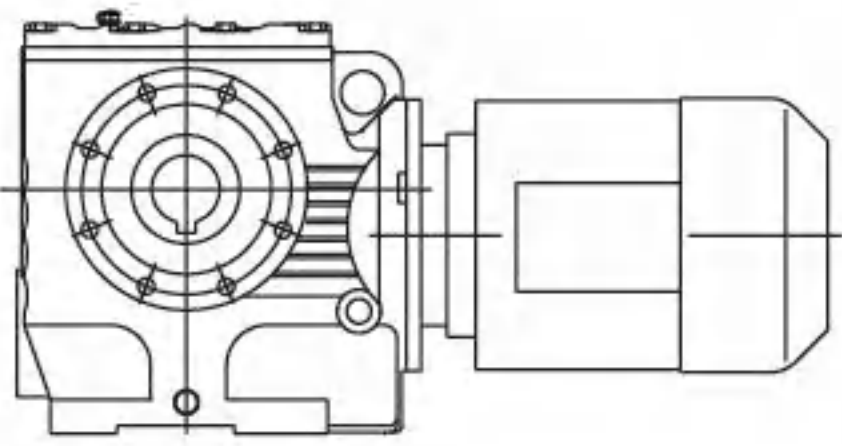




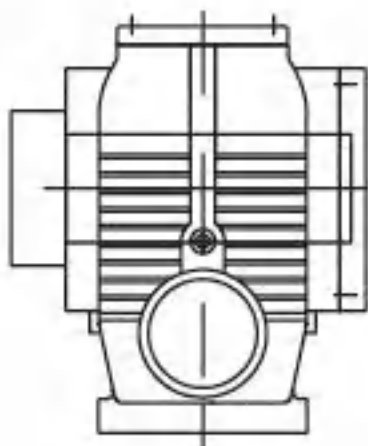
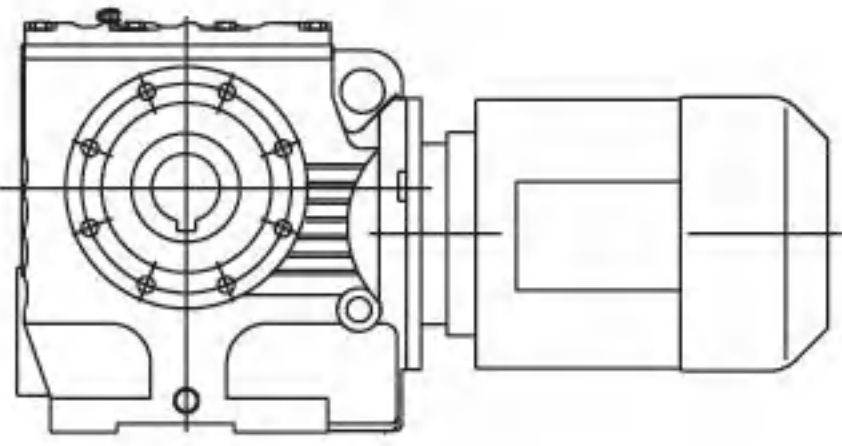
KWA..  
空心轴安装斜齿轮-蜗轮蜗杆齿轮减速机  
Helical – worm gearmotor with hollow shaft.



KWH..  
空心轴锁紧盘安装斜齿轮-蜗轮蜗杆齿轮减速机  
Helical – worm gearmotor with hollow shaft and shrink disk.



KWAZ..  
B14 法兰空心轴安装斜齿轮-蜗轮蜗杆齿轮减速机  
Helical – worm gearmotor in B14 flange – mounted version with hollow shaft.



KWHZ..  
B14 法兰空心轴锁紧盘安装斜齿轮-蜗轮蜗杆齿轮减速机  
Helical – worm gearmotor in B14 flange – mounted version with hollow shaft and shrink disk.

8.2 可行的组合方式  
8.2 Type of Combination

以下是斜齿轮蜗杆减速与交流（带制动）电机的组合列表。表中给出了每种组合的速比范围。  
The below is combination table between gear box and electric motor in each list the ratio range.

| 减速器型号<br>Gear unit size | 级<br>Stages | D63<br>D71                                                                                 | D80                                                                                  | D90                                                                    | D100                                                                 | D112                                                                       | D132S                                                                         | D132M                                                                         |
|-------------------------|-------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| KW/KWF30<br>KWA/KWAF30  | 2           | 6.80-18.24<br>19.89-51.30<br>55.93-157.43                                                  | 6.80-15.53<br>19.13<br>22.50-43.68<br>53.83<br>63.33-122.94                          | 6.80-13.39<br>19.13<br>22.50-37.66<br>53.83<br>63.33-106.00            |                                                                      |                                                                            |                                                                               |                                                                               |
| KW/KWF40<br>KWA/KWAF40  | 2           | 7.28-17.62<br>20.33-54.59<br>63.80-201.00                                                  | 7.28-17.62<br>20.33-54.59<br>67.20<br>71.75-158.12                                   | 7.28-19.54<br>23.20-47.32<br>56.61<br>67.20<br>71.75-137.05            | 7.28-14.24<br>19.54<br>23.20-38.23<br>56.61<br>67.20<br>71.75-110.73 |                                                                            |                                                                               |                                                                               |
| KW/KWF50<br>KWA/KWAF50  | 2           | 7.28-17.62<br>20.33-54.59<br>63.80-201.00                                                  | 7.28-17.62<br>20.33-54.59<br>67.20<br>71.75-158.12                                   | 7.28-19.54<br>23.20-47.32<br>56.61<br>67.20<br>71.75-137.05            | 7.28-14.24<br>19.54<br>23.20-38.23<br>56.61<br>67.20<br>71.75-110.73 |                                                                            |                                                                               |                                                                               |
| KW/KWF60<br>KWA/KWAF60  | 2           | 11.03-17.28<br>20.37-23.22<br>24.44<br>29.63-54.70<br>62.35-65.63<br>75.06<br>85.83-217.41 | 8.69-17.28<br>20.37-23.22<br>24.44-54.70<br>62.35-65.63<br>75.06<br>85.83-217.41     | 7.56-17.28<br>20.37-23.22<br>24.44-54.70<br>62.35-65.63<br>78.00-190.1 | 7.56-17.28<br>20.37<br>23.33<br>26.93-54.70<br>67.57<br>78.00-158.45 | 7.56-20.30<br>23.33<br>26.93-46.40<br>58.80<br>67.57<br>78.00-134.40       | 7.56-13.73<br>20.30<br>23.33<br>26.93-36.85<br>58.80<br>67.57<br>78.00-106.75 | 7.56-13.73<br>20.30<br>23.33<br>26.93-36.85<br>58.80<br>67.57<br>78.00-106.75 |
| KW/KWF70<br>KWA/KWAF70  | 2           | 15.28-18.42<br>20.99<br>22.89<br>35.94-53.87<br>63.03<br>71.33-75.09<br>107.83-256.47      | 12.07-18.42<br>20.99<br>22.89<br>28.41-53.87<br>63.03<br>71.33-75.09<br>85.22-256.47 | 8.06-18.42<br>20.99<br>22.89-75.09<br>85.22-225.26                     | 8.06-18.42<br>20.99<br>22.89-66.67<br>75.20-189.09                   | 8.06-18.42<br>20.99<br>22.89-56.92<br>66.67<br>75.20-161.60                | 8.06-18.97<br>22.22<br>25.07-43.33<br>56.92<br>66.67<br>75.20-130.00          | 8.06-18.97<br>22.22<br>25.07-43.33<br>56.92<br>66.67<br>75.20-130.00          |
| KW/KWF80<br>KWA/KWAF80  | 2           |                                                                                            | 17.49-19.70<br>21.43<br>25.50<br>39.10-57.00<br>64.27-70.43<br>81.76<br>91.20        | 12.21-19.70<br>21.43<br>25.50-57.00<br>64.27-70.43<br>81.76-288.00     | 9.07-19.70<br>21.43<br>25.50-57.00<br>64.27-86.15<br>99.26-258.18    | 9.07-19.70<br>21.43<br>25.50-57.00<br>64.27-77.14<br>86.15<br>99.26-222.40 | 7.88-19.70<br>21.43<br>25.50-64.00<br>77.14<br>86.15<br>99.26-180.00          | 7.88-19.70<br>21.43<br>25.50-64.00<br>77.14<br>86.15<br>99.26-180.00          |
| KW/KWF90<br>KWA/KWAF90  | 2           |                                                                                            | 23.59<br>26.39<br>49.87-60.59<br>71.43<br>80.85<br>161.74-286.40                     | 17.05-23.59<br>26.39<br>36.05-60.59<br>71.43<br>80.85<br>116.92-286.40 | 13.07-23.859<br>26.39<br>32.60-60.59<br>71.43<br>80.85-286.40        | 13.07-23.59<br>26.39<br>32.60-60.59<br>71.43<br>80.85-286.40               | 8.26-23.59<br>26.39<br>32.60-78.26<br>89.60-231.67                            | 8.26-23.59<br>26.39<br>32.60-78.26<br>89.60-231.67                            |

| 减速器型号<br>Gear unit size | 级<br>Stages | D132ML                                                                        | D160M                                                                         | D160L                                                                         | D180                                                                                   |  |  |  |
|-------------------------|-------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--|--|--|
| KW/KWF70<br>KWA/KWAF70  | 2           | 8.06-13.76<br>18.97<br>22.22<br>25.07-32.38<br>56.92<br>66.67<br>75.20-97.14  | 8.06-13.76<br>18.97<br>22.22<br>25.07-32.38<br>56.92<br>66.67<br>75.20-97.14  |                                                                               |                                                                                        |  |  |  |
| KW/KWF80<br>KWA/KWAF80  | 2           | 7.88-20.27<br>24.43<br>27.28-44.03<br>64.00<br>77.14<br>86.15<br>99.26-139.05 | 7.88-20.27<br>24.43<br>27.28-44.03<br>64.00<br>77.14<br>86.15<br>99.26-139.05 | 7.88-20.27<br>24.43<br>27.28-44.03<br>64.00<br>77.14<br>86.15<br>99.26-139.05 | 7.88-15.64<br>20.27<br>24.43<br>27.28-34.96<br>64.00<br>77.14<br>86.15<br>99.26-110.40 |  |  |  |
| KW/KWF90<br>KWA/KWAF90  | 2           | 8.26-23.59<br>26.39<br>32.60-55.79<br>65.45<br>78.26<br>89.60-180.95          | 8.26-23.59<br>26.39<br>32.60-55.79<br>65.45<br>78.26<br>89.60-180.95          | 8.26-23.59<br>26.39<br>32.60-55.79<br>65.45<br>78.26<br>89.60-180.95          | 8.26-21.23<br>24.13<br>27.63-44.89<br>65.45<br>78.26<br>89.60-145.60                   |  |  |  |



8.3 速比与最大扭矩  
8.3 Ratio and Max. Torque  
KW30-50  $n_e=1400$  1/min

| KW30 90Nm |                  |                    |                 |                 |
|-----------|------------------|--------------------|-----------------|-----------------|
| i         | $n_a$<br>[1/min] | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] | AD              |
| 157.43    | 8.9              | 92                 | 3000            | AD <sub>1</sub> |
| 144.40    | 9.7              | 92                 | 3000            |                 |
| 122.94    | 11               | 91                 | 3000            |                 |
| 106.00    | 13               | 88                 | 3000            |                 |
| 98.80     | 14               | 87                 | 3000            |                 |
| 86.36     | 16               | 86                 | 3000            |                 |
| 80.96     | 17               | 85                 | 3000            |                 |
| 71.44     | 20               | 84                 | 3000            |                 |
| 63.33     | 22               | 82                 | 3000            |                 |
| 55.93     | 25               | 81                 | 3000            |                 |
| 53.83     | 26               | 80                 | 3000            | AD <sub>2</sub> |
| 51.30     | 27               | 81                 | 3000            | AD <sub>1</sub> |
| 43.68     | 32               | 81                 | 3000            |                 |
| 37.66     | 37               | 79                 | 3000            |                 |
| 35.10     | 40               | 78                 | 3000            |                 |
| 30.68     | 46               | 76                 | 2870            |                 |
| 28.76     | 49               | 75                 | 2800            |                 |
| 25.38     | 55               | 74                 | 2660            |                 |
| 22.50     | 62               | 73                 | 2530            |                 |
| 19.89 *   | 70               | 52                 | 2470            |                 |
| 19.13     | 73               | 71                 | 2380            | AD <sub>2</sub> |
| 18.24 *   | 77               | 52                 | 2380            | AD <sub>1</sub> |
| 15.53 *   | 90               | 50                 | 2240            |                 |
| 13.39 *   | 105              | 49                 | 2110            | AD <sub>2</sub> |
| 12.48 *   | 112              | 48                 | 2060            |                 |
| 10.91 *   | 128              | 48                 | 1940            |                 |
| 10.23 *   | 137              | 47                 | 1900            |                 |
| 9.02 *    | 155              | 46                 | 1810            |                 |
| 8.00 *    | 175              | 45                 | 1730            |                 |
| 6.80 *    | 206              | 43                 | 1630            |                 |

注：带※速比产品在改进中，订货前需沟通

| KW40 170Nm |                  |                    |                 |                 |
|------------|------------------|--------------------|-----------------|-----------------|
| i          | $n_a$<br>[1/min] | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] | AD              |
| 201.00     | 7.0              | 170                | 5340            | AD <sub>1</sub> |
| 184.80     | 7.6              | 170                | 5340            |                 |
| 158.12     | 8.9              | 170                | 5340            |                 |
| 137.05     | 10               | 168                | 5350            |                 |
| 128.10     | 11               | 168                | 5350            |                 |
| 110.73     | 13               | 168                | 5350            |                 |
| 94.08      | 15               | 168                | 5350            |                 |
| 84.00      | 17               | 167                | 5360            |                 |
| 71.75      | 20               | 167                | 5360            |                 |
| 69.39      | 20               | 155                | 5370            |                 |
| 67.20      | 21               | 167                | 5360            | AD <sub>2</sub> |
| 63.80      | 22               | 155                | 5370            |                 |
| 56.61      | 25               | 165                | 5320            | AD <sub>1</sub> |
| 54.59      | 26               | 155                | 5150            |                 |
| 47.32      | 30               | 155                | 4850            | AD <sub>2</sub> |
| 44.22      | 32               | 155                | 4710            |                 |
| 38.23      | 37               | 155                | 4430            |                 |
| 32.48      | 43               | 155                | 4120            |                 |
| 29.00      | 48               | 155                | 3920            |                 |
| 24.77      | 57               | 155                | 3650            |                 |
| 23.20      | 60               | 152                | 3570            |                 |
| 20.33 *    | 69               | 110                | 3370            |                 |
| 19.54      | 72               | 144                | 3370            |                 |
| 17.62 *    | 79               | 110                | 3160            |                 |
| 16.47 *    | 85               | 110                | 3060            | AD <sub>2</sub> |
| 14.24 *    | 98               | 110                | 2850            |                 |
| 12.10 *    | 116              | 109                | 2650            |                 |
| 10.80 *    | 130              | 109                | 2500            |                 |
| 9.23 *     | 152              | 109                | 2310            |                 |
| 8.64 *     | 162              | 109                | 2230            |                 |
| 7.28 *     | 192              | 103                | 2110            |                 |

| KW50 300Nm |                  |                    |                 |                 |
|------------|------------------|--------------------|-----------------|-----------------|
| i          | $n_a$<br>[1/min] | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] | AD              |
| 201.00     | 7.0              | 295                | 7130            | AD <sub>1</sub> |
| 184.80     | 7.6              | 295                | 7130            |                 |
| 158.12     | 8.9              | 295                | 7130            |                 |
| 137.05     | 10               | 295                | 7130            |                 |
| 128.10     | 11               | 295                | 7130            |                 |
| 110.73     | 13               | 295                | 7130            |                 |
| 94.08      | 15               | 295                | 7130            |                 |
| 84.00      | 17               | 295                | 7130            |                 |
| 71.75      | 20               | 290                | 7170            | AD <sub>2</sub> |
| 69.39      | 20               | 245                | 7520            |                 |
| 67.20      | 21               | 285                | 7220            |                 |
| 63.80      | 22               | 245                | 7520            |                 |
| 56.61      | 25               | 265                | 7370            |                 |
| 54.59      | 26               | 245                | 7520            |                 |
| 47.32      | 30               | 245                | 7520            |                 |
| 44.22      | 32               | 245                | 7520            |                 |
| 38.23      | 37               | 245                | 7320            |                 |
| 32.48      | 43               | 245                | 6840            |                 |
| 29.00      | 48               | 245                | 6520            | AD <sub>2</sub> |
| 24.77      | 57               | 245                | 6100            |                 |
| 23.20      | 60               | 245                | 5930            |                 |
| 20.33 *    | 69               | 168                | 5690            |                 |
| 19.54      | 72               | 215                | 5720            |                 |
| 17.62 *    | 79               | 168                | 5350            |                 |
| 16.47 *    | 85               | 168                | 5200            |                 |
| 14.24 *    | 98               | 169                | 4860            |                 |
| 12.10 *    | 116              | 169                | 4520            |                 |
| 10.80 *    | 130              | 169                | 4290            |                 |
| 9.23 *     | 152              | 169                | 3990            | AD <sub>2</sub> |
| 8.64 *     | 162              | 166                | 3900            |                 |
| 7.28 *     | 192              | 146                | 3790            |                 |

KW60-80  $n_e=1400$  1/min

| KW60 520Nm |                  |                    |                 |                 |
|------------|------------------|--------------------|-----------------|-----------------|
| i          | $n_a$<br>[1/min] | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] | AD              |
| 217.41     | 6.4              | 520                | 8680            | AD <sub>2</sub> |
| 190.11     | 7.4              | 520                | 8680            |                 |
| 180.60     | 7.8              | 520                | 8680            |                 |
| 158.45     | 8.8              | 520                | 8680            |                 |
| 134.40     | 10               | 520                | 8680            |                 |
| 121.33     | 12               | 520                | 8680            |                 |
| 106.75     | 13               | 520                | 8680            |                 |
| 100.80     | 14               | 520                | 8680            |                 |
| 85.83      | 16               | 520                | 8680            |                 |
| 78.00      | 18               | 520                | 8680            |                 |
| 75.06      | 19               | 480                | 9020            | AD <sub>3</sub> |
| 67.57      | 21               | 520                | 8680            |                 |
| 65.63      | 21               | 480                | 9020            |                 |
| 62.35      | 22               | 480                | 9020            |                 |
| 58.80      | 24               | 500                | 8850            |                 |
| 54.70      | 26               | 480                | 8670            |                 |
| 46.40      | 30               | 480                | 8060            |                 |
| 41.89      | 33               | 480                | 7690            |                 |
| 36.85      | 38               | 480                | 7250            |                 |
| 34.80      | 40               | 480                | 7060            | AD <sub>2</sub> |
| 29.63      | 47               | 480                | 6540            |                 |
| 26.93      | 52               | 480                | 6240            |                 |
| 24.44      | 57               | 340                | 6040            |                 |
| 23.33      | 60               | 480                | 5810            |                 |
| 23.22 *    | 60               | 340                | 5890            |                 |
| 20.37 *    | 69               | 340                | 5520            |                 |
| 20.30      | 69               | 425                | 5760            | AD <sub>3</sub> |
| 17.28 *    | 81               | 340                | 5080            | AD <sub>2</sub> |
| 15.60 *    | 90               | 340                | 4820            |                 |
| 13.73 *    | 102              | 340                | 4510            |                 |
| 12.96 *    | 108              | 340                | 4310            |                 |
| 11.03 *    | 127              | 340                | 3660            | AD <sub>2</sub> |
| 10.03 *    | 140              | 340                | 3290            |                 |
| 8.69 *     | 161              | 335                | 2860            |                 |
| 7.56 *     | 185              | 295                | 3220            |                 |

| KW70 1270Nm |                  |                    |                 |                 |
|-------------|------------------|--------------------|-----------------|-----------------|
| i           | $n_a$<br>[1/min] | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] | AD              |
| 256.47      | 5.5              | 1270               | 11800           | AD <sub>2</sub> |
| 225.26      | 6.2              | 1270               | 11800           |                 |
| 214.00      | 6.5              | 1270               | 11800           |                 |
| 189.09      | 7.4              | 1270               | 11800           |                 |
| 161.60      | 8.7              | 1260               | 11900           |                 |
| 148.15      | 9.4              | 1240               | 12000           |                 |
| 130.00      | 11               | 1210               | 12300           |                 |
| 123.20      | 11               | 1200               | 12400           |                 |
| 107.83      | 13               | 1170               | 12600           |                 |
| 97.14       | 14               | 1140               | 12900           |                 |
| 85.22       | 16               | 1100               | 13200           | AD <sub>3</sub> |
| 75.20       | 19               | 1070               | 13400           |                 |
| 75.09       | 19               | 1100               | 13200           |                 |
| 71.33       | 20               | 1100               | 13200           |                 |
| 66.67       | 21               | 1040               | 13600           |                 |
| 63.03       | 22               | 1100               | 12800           |                 |
| 56.92       | 25               | 990                | 13300           |                 |
| 53.87       | 26               | 1100               | 11900           |                 |
| 49.38       | 28               | 1100               | 11500           |                 |
| 43.33       | 32               | 1100               | 10800           |                 |
| 41.07       | 34               | 1100               | 10500           | AD <sub>3</sub> |
| 35.94       | 39               | 1100               | 9850            |                 |
| 32.38       | 43               | 1090               | 9400            |                 |
| 28.41       | 49               | 1050               | 8970            |                 |
| 25.07       | 56               | 1020               | 8550            |                 |
| 22.89 *     | 61               | 705                | 7440            |                 |
| 22.22       | 63               | 980                | 8220            |                 |
| 20.99 *     | 67               | 705                | 6820            |                 |
| 18.97       | 74               | 930                | 7800            |                 |
| 18.42 *     | 76               | 705                | 5920            | AD <sub>4</sub> |
| 17.45 *     | 80               | 710                | 5470            |                 |
| 15.28 *     | 92               | 710                | 4610            |                 |
| 13.76 *     | 102              | 710                | 3960            |                 |
| 12.07 *     | 116              | 720                | 3000            |                 |
| 10.65 *     | 131              | 720                | 2280            |                 |
| 9.44 *      | 148              | 725                | 1040            |                 |
| 8.06 *      | 174              | 680                | 1160            |                 |

| KW80 2280Nm |                  |                    |                 |                 |
|-------------|------------------|--------------------|-----------------|-----------------|
| i           | $n_a$<br>[1/min] | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] | AD              |
| 288.00      | 4.9              | 2280               | 27900           | AD <sub>2</sub> |
| 258.18      | 5.4              | 2280               | 27900           |                 |
| 222.40      | 6.3              | 2280               | 27900           |                 |
| 202.96      | 6.9              | 2260               | 28000           |                 |
| 180.00      | 7.8              | 2210               | 28100           |                 |
| 151.30      | 9.3              | 2150               | 28200           |                 |
| 139.05      | 10               | 2100               | 28300           |                 |
| 123.48      | 11               | 2060               | 28300           |                 |
| 110.40      | 13               | 2000               | 28400           |                 |
| 99.26       | 14               | 1960               | 28500           | AD <sub>3</sub> |
| 91.20       | 15               | 1510               | 29100           |                 |
| 86.15       | 16               | 1880               | 28600           |                 |
| 81.76       | 17               | 1600               | 29000           |                 |
| 77.14       | 18               | 1820               | 28700           |                 |
| 70.43       | 20               | 1600               | 29000           |                 |
| 64.27       | 22               | 1600               | 29000           |                 |
| 64.00       | 22               | 1700               | 28900           | AD <sub>3</sub> |
| 57.00       | 25               | 1600               | 29000           | AD <sub>2</sub> |
| 47.91       | 29               | 1600               | 29000           | AD <sub>3</sub> |
| 44.03       | 32               | 1600               | 29000           |                 |
| 39.10       | 36               | 1600               | 28200           |                 |
| 34.96       | 40               | 1600               | 27100           |                 |
| 31.43       | 45               | 1600               | 26000           |                 |
| 27.28       | 51               | 1600               | 24700           |                 |
| 25.50 *     | 55               | 1240               | 23400           |                 |
| 24.43       | 57               | 1600               | 23700           |                 |
| 21.43 *     | 65               | 1240               | 21800           |                 |
| 20.27       | 69               | 1600               | 22100           | AD <sub>4</sub> |
| 19.70 *     | 71               | 1240               | 21100           |                 |
| 17.49 *     | 80               | 1240               | 20200           |                 |
| 15.64 *     | 90               | 1240               | 19300           |                 |
| 14.06 *     | 100              | 1240               | 18500           |                 |
| 12.21 *     | 115              | 1240               | 17400           |                 |
| 10.93 *     | 128              | 1240               | 16600           |                 |
| 9.07 *      | 154              | 1140               | 15900           |                 |
| 7.88 *      | 178              | 1010               | 15700           |                 |

注：带※速比产品在改进中，订货前需沟通



KW90,KW30/40H10 n<sub>e</sub>=1400 1/min

| KW90 4000Nm |                           |                           |                        |                 |
|-------------|---------------------------|---------------------------|------------------------|-----------------|
| i           | n <sub>a</sub><br>[1/min] | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] | AD              |
| 286.40      | 4.9                       | 4000                      | 36300                  | AD <sub>3</sub> |
| 262.22      | 5.3                       | 4000                      | 36300                  |                 |
| 231.67      | 6.0                       | 4000                      | 36300                  |                 |
| 196.52      | 7.1                       | 4000                      | 36300                  |                 |
| 180.95      | 7.7                       | 3920                      | 36500                  |                 |
| 161.74      | 8.7                       | 3840                      | 36600                  |                 |
| 145.60      | 9.6                       | 3730                      | 36800                  |                 |
| 131.85      | 11                        | 3650                      | 37000                  |                 |
| 116.92      | 12                        | 3510                      | 37200                  |                 |
| 105.71      | 13                        | 3440                      | 37300                  |                 |
| 89.60       | 16                        | 3240                      | 37600                  | AD <sub>4</sub> |
| 80.85       | 17                        | 3230                      | 37600                  |                 |
| 78.26       | 18                        | 3080                      | 37900                  |                 |
| 71.43       | 20                        | 3300                      | 37500                  |                 |
| 65.45       | 21                        | 2900                      | 38100                  |                 |
| 60.59       | 23                        | 3300                      | 37500                  |                 |
| 55.79       | 25                        | 3300                      | 37100                  |                 |
| 49.87       | 28                        | 3300                      | 35600                  |                 |
| 44.89       | 31                        | 3300                      | 34100                  |                 |
| 40.65       | 34                        | 3300                      | 32800                  |                 |
| 36.05       | 39                        | 3300                      | 31300                  | AD <sub>5</sub> |
| 32.60       | 43                        | 3200                      | 30400                  |                 |
| 27.63       | 51                        | 3010                      | 29000                  |                 |
| 26.39 *     | 53                        | 2600                      | 26100                  |                 |
| 24.13       | 58                        | 2870                      | 28000                  |                 |
| 23.59 *     | 59                        | 2600                      | 24900                  |                 |
| 21.23 *     | 66                        | 2600                      | 23700                  |                 |
| 19.23 *     | 73                        | 2600                      | 22700                  |                 |
| 17.05 *     | 82                        | 2570                      | 21100                  |                 |
| 15.42 *     | 91                        | 2470                      | 20800                  |                 |
| 13.07 *     | 107                       | 2330                      | 20100                  |                 |
| 11.41 *     | 123                       | 2210                      | 19500                  |                 |
| 9.55 *      | 147                       | 2040                      | 18800                  |                 |
| 8.26 *      | 169                       | 1770                      | 18800                  |                 |

| KW30H10 90Nm |                           |           |                           |                        |  |
|--------------|---------------------------|-----------|---------------------------|------------------------|--|
| i            | n <sub>a</sub><br>[1/min] | Stage     | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] |  |
|              |                           | KW30 KH10 |                           |                        |  |
| 10037        | 0.14                      | 2 3       | 92                        | 3000                   |  |
| 8654         | 0.16                      | 2 3       | 92                        | 3000                   |  |
| 8066         | 0.17                      | 2 3       | 92                        | 3000                   |  |
| 7051         | 0.20                      | 2 3       | 92                        | 3000                   |  |
| 6079         | 0.23                      | 2 3       | 92                        | 3000                   |  |
| 5431         | 0.26                      | 2 3       | 92                        | 3000                   |  |
| 4747         | 0.29                      | 2 3       | 92                        | 3000                   |  |
| 4155         | 0.34                      | 2 3       | 92                        | 3000                   |  |
| 3632         | 0.39                      | 2 3       | 92                        | 3000                   |  |
| 2866         | 0.49                      | 2 3       | 92                        | 3000                   |  |
| 2471         | 0.57                      | 2 3       | 92                        | 3000                   |  |
| 2160         | 0.65                      | 2 3       | 92                        | 3000                   |  |
| 1887         | 0.74                      | 2 3       | 92                        | 3000                   |  |
| 1665         | 0.84                      | 2 3       | 92                        | 3000                   |  |
| 1456         | 0.96                      | 2 3       | 92                        | 3000                   |  |
| 1271         | 1.1                       | 2 3       | 92                        | 3000                   |  |
| 1121         | 1.2                       | 2 3       | 92                        | 3000                   |  |
| 994          | 1.4                       | 2 3       | 92                        | 3000                   |  |
| 869          | 1.6                       | 2 3       | 92                        | 3000                   |  |
| 774          | 1.8                       | 2 2       | 92                        | 3000                   |  |
| 666          | 2.1                       | 2 2       | 92                        | 3000                   |  |
| 596          | 2.3                       | 2 2       | 92                        | 3000                   |  |
| 521          | 2.7                       | 2 2       | 92                        | 3000                   |  |
| 456          | 3.1                       | 2 2       | 92                        | 3000                   |  |
| 398          | 3.5                       | 2 2       | 92                        | 3000                   |  |
| 351          | 4.0                       | 2 2       | 92                        | 3000                   |  |
| 303          | 4.6                       | 2 2       | 92                        | 3000                   |  |
| 265          | 5.3                       | 2 2       | 92                        | 3000                   |  |
| 232          | 6.0                       | 2 2       | 92                        | 3000                   |  |
| 202          | 6.9                       | 2 2       | 92                        | 3000                   |  |
| 179          | 7.8                       | 2 2       | 92                        | 3000                   |  |
| 158          | 8.9                       | 2 2       | 92                        | 3000                   |  |
| 144          | 9.7                       | 2 2       | 92                        | 3000                   |  |
| 118          | 12                        | 2 2       | 92                        | 3000                   |  |
| 110          | 13                        | 2 2       | 92                        | 3000                   |  |

| KW40H10 185Nm |                           |           |                           |                        |  |
|---------------|---------------------------|-----------|---------------------------|------------------------|--|
| i             | n <sub>a</sub><br>[1/min] | Stage     | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] |  |
|               |                           | KW40 KH10 |                           |                        |  |
| 12909         | 0.11                      | 2 3       | 185                       | 5250                   |  |
| 11189         | 0.13                      | 2 3       | 185                       | 5250                   |  |
| 10374         | 0.13                      | 2 3       | 185                       | 5250                   |  |
| 8992          | 0.16                      | 2 3       | 185                       | 5250                   |  |
| 7860          | 0.18                      | 2 3       | 185                       | 5250                   |  |
| 6887          | 0.20                      | 2 3       | 185                       | 5250                   |  |
| 6055          | 0.23                      | 2 3       | 185                       | 5250                   |  |
| 5292          | 0.26                      | 2 3       | 185                       | 5250                   |  |
| 4637          | 0.30                      | 2 3       | 185                       | 5250                   |  |
| 4092          | 0.34                      | 2 3       | 185                       | 5250                   |  |
| 3582          | 0.39                      | 2 3       | 185                       | 5200                   |  |
| 3131          | 0.45                      | 2 3       | 185                       | 5200                   |  |
| 2714          | 0.52                      | 2 3       | 185                       | 5200                   |  |
| 2412          | 0.58                      | 2 3       | 185                       | 5200                   |  |
| 2131          | 0.66                      | 2 3       | 185                       | 5200                   |  |
| 1863          | 0.75                      | 2 3       | 185                       | 5200                   |  |
| 1663          | 0.84                      | 2 3       | 185                       | 5200                   |  |
| 1435          | 0.98                      | 2 3       | 185                       | 5200                   |  |
| 1254          | 1.1                       | 2 3       | 185                       | 5200                   |  |
| 1120          | 1.2                       | 2 3       | 185                       | 5200                   |  |
| 1083          | 1.3                       | 2 3       | 185                       | 5200                   |  |
| 965           | 1.5                       | 2 3       | 185                       | 5200                   |  |
| 956           | 1.5                       | 2 3       | 185                       | 5210                   |  |
| 865           | 1.6                       | 2 2       | 185                       | 5200                   |  |
| 750           | 1.9                       | 2 2       | 185                       | 5200                   |  |
| 655           | 2.1                       | 2 2       | 185                       | 5200                   |  |
| 574           | 2.4                       | 2 2       | 185                       | 5200                   |  |
| 506           | 2.8                       | 2 2       | 185                       | 5200                   |  |
| 438           | 3.2                       | 2 2       | 185                       | 5200                   |  |
| 388           | 3.6                       | 2 2       | 185                       | 5200                   |  |
| 336           | 4.2                       | 2 2       | 185                       | 5200                   |  |
| 294           | 4.8                       | 2 2       | 185                       | 5200                   |  |
| 257           | 5.4                       | 2 2       | 185                       | 5260                   |  |
| 229           | 6.1                       | 2 2       | 185                       | 5200                   |  |
| 200           | 7.0                       | 2 2       | 185                       | 5200                   |  |
| 187           | 7.5                       | 2 2       | 185                       | 5200                   |  |
| 165           | 8.5                       | 2 2       | 185                       | 5200                   |  |
| 148           | 9.5                       | 2 2       | 185                       | 5200                   |  |
| 131           | 11                        | 2 2       | 185                       | 5200                   |  |

KW50H10,KW60/70H30 n<sub>e</sub>=1400 1/min

| KW50H10 300Nm |                           |           |                           |                        |  |
|---------------|---------------------------|-----------|---------------------------|------------------------|--|
| i             | n <sub>a</sub><br>[1/min] | Stage     | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] |  |
|               |                           | KW50 KH10 |                           |                        |  |
| 12909         | 0.11                      | 2 3       | 330                       | 6800                   |  |
| 11189         | 0.13                      | 2 3       | 330                       | 6800                   |  |
| 10374         | 0.13                      | 2 3       | 330                       | 6800                   |  |
| 8992          | 0.16                      | 2 3       | 330                       | 6800                   |  |
| 7860          | 0.18                      | 2 3       | 330                       | 6800                   |  |
| 6887          | 0.20                      | 2 3       | 330                       | 6800                   |  |
| 6055          | 0.23                      | 2 3       | 330                       | 6800                   |  |
| 5292          | 0.26                      | 2 3       | 330                       | 6800                   |  |
| 4637          | 0.30                      | 2 3       | 330                       | 6800                   |  |
| 4092          | 0.34                      | 2 3       | 330                       | 6800                   |  |
| 3628          | 0.39                      | 2 3       | 330                       | 6800                   |  |
| 3131          | 0.45                      | 2 3       | 300                       | 7090                   |  |
| 2714          | 0.52                      | 2 3       | 300                       | 7090                   |  |
| 2412          | 0.58                      | 2 3       | 300                       | 7090                   |  |
| 2131          | 0.66                      | 2 3       | 300                       | 7090                   |  |
| 1863          | 0.75                      | 2 3       | 300                       | 7090                   |  |
| 1663          | 0.84                      | 2 3       | 300                       | 7090                   |  |
| 1435          | 0.98                      | 2 3       | 300                       | 7090                   |  |
| 1254          | 1.1                       | 2 3       | 300                       | 7090                   |  |
| 1083          | 1.3                       | 2 3       | 300                       | 7090                   |  |
| 965           | 1.5                       | 2 2       | 300                       | 7090                   |  |
| 865           | 1.6                       | 2 2       | 300                       | 7090                   |  |
| 750           | 1.9                       | 2 2       | 300                       | 7090                   |  |
| 655           | 2.1                       | 2 2       | 300                       | 7090                   |  |
| 574           | 2.4                       | 2 2       | 300                       | 7090                   |  |
| 506           | 2.8                       | 2 2       | 300                       | 7090                   |  |
| 438           | 3.2                       | 2 2       | 300                       | 7090                   |  |
| 388           | 3.6                       | 2 2       | 300                       | 7090                   |  |
| 336           | 4.2                       | 2 2       | 300                       | 7090                   |  |
| 294           | 4.8                       | 2 2       | 300                       | 7090                   |  |
| 269           | 5.2                       | 2 2       | 300                       | 7090                   |  |
| 229           | 6.1                       | 2 2       | 300                       | 7090                   |  |
| 204           | 6.9                       | 2 2       | 300                       | 7090                   |  |
| 187           | 7.5                       | 2 2       | 300                       | 7090                   |  |
| 165           | 8.5                       | 2 2       | 300                       | 7090                   |  |
| 131           | 11                        | 2 2       | 300                       | 7090                   |  |

| KW60H30 570Nm |                           |           |                           |                        |  |
|---------------|---------------------------|-----------|---------------------------|------------------------|--|
| i             | n <sub>a</sub><br>[1/min] | Stage     | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] |  |
|               |                           | KW60 KH30 |                           |                        |  |
| 21362         | 0.07                      | 2 3       | 570                       | 8190                   |  |
| 19594         | 0.07                      | 2 3       | 570                       | 8190                   |  |
| 18120         | 0.08                      | 2 3       | 570                       | 8190                   |  |
| 16682         | 0.08                      | 2 3       | 570                       | 8190                   |  |
| 14383         | 0.10                      | 2 3       | 570                       | 8190                   |  |
| 12774         | 0.11                      | 2 3       | 570                       | 8190                   |  |
| 11013         | 0.13                      | 2 3       | 570                       | 8190                   |  |
| 9694          | 0.14                      | 2 3       | 570                       | 8190                   |  |
| 8529          | 0.16                      | 2 3       | 570                       | 8190                   |  |
| 7455          | 0.19                      | 2 3       | 570                       | 8190                   |  |
| 6531          | 0.21                      | 2 3       | 570                       | 8190                   |  |
| 5759          | 0.24                      | 2 3       | 570                       | 8190                   |  |
| 4965          | 0.28                      | 2 3       | 570                       | 8190                   |  |
| 4410          | 0.32                      | 2 3       | 570                       | 8190                   |  |
| 3880          | 0.36                      | 2 3       | 570                       | 8190                   |  |
| 3432          | 0.41                      | 2 3       | 570                       | 8190                   |  |
| 2944          | 0.48                      | 2 3       | 570                       | 8190                   |  |
| 2630          | 0.53                      | 2 3       | 570                       | 8190                   |  |
| 2279          | 0.61                      | 2 3       | 570                       | 8190                   |  |
| 2014          | 0.70                      | 2 3       | 570                       | 8190                   |  |
| 1772          | 0.79                      | 2 3       | 570                       | 8190                   |  |
| 1559          | 0.90                      | 2 3       | 570                       | 8190                   |  |
| 1363          | 1.0                       | 2 3       | 570                       | 8190                   |  |
| 1194          | 1.2                       | 2 3       | 570                       | 8190                   |  |
| 1045          | 1.3                       | 2 3       | 570                       | 8190                   |  |
| 914           | 1.5                       | 2 3       | 570                       | 8190                   |  |
| 809           | 1.7                       | 2 2       | 570                       | 8190                   |  |
| 712           | 2.0                       | 2 2       | 570                       | 8190                   |  |
| 615           | 2.3                       | 2 2       | 570                       | 8190                   |  |
| 543           | 2.6                       | 2 2       | 570                       | 8190                   |  |
| 469           | 3.0                       | 2 2       | 570                       | 8190                   |  |
| 424           | 3.3                       | 2 2       | 570                       | 8190                   |  |
| 365           | 3.8                       | 2 2       | 570                       | 8190                   |  |
| 319           | 4.4                       | 2 2       | 570                       | 8190                   |  |
| 281           | 5.0                       | 2 2       | 570                       | 8190                   |  |
| 246           | 5.7                       | 2 2       | 570                       | 8190                   |  |
| 221           | 6.3                       | 2 2       | 570                       | 8190                   |  |
| 198           | 7.1                       | 2 2       | 570                       | 8190                   |  |
| 168           | 8.3                       | 2 2       | 570                       | 8190                   |  |
| 156           | 9.0                       | 2 2       | 570                       | 8190                   |  |

| KW70H30 |                           |       |      | 1270Nm                    |                        |
|---------|---------------------------|-------|------|---------------------------|------------------------|
| i       | n <sub>a</sub><br>[1/min] | Stage |      | M <sub>amax</sub><br>[Nm] | F <sub>Ra</sub><br>[N] |
|         |                           | KW70  | KH30 |                           |                        |
| 25493   | 0.05                      | 2     | 3    | 1270                      | 11700                  |
| 21787   | 0.06                      | 2     | 3    | 1270                      | 11700                  |
| 19907   | 0.07                      | 2     | 3    | 1270                      | 11700                  |
| 17013   | 0.08                      | 2     | 3    | 1270                      | 11700                  |
| 14668   | 0.10                      | 2     | 3    | 1270                      | 11700                  |
| 13110   | 0.11                      | 2     | 3    | 1270                      | 11700                  |
| 11569   | 0.12                      | 2     | 3    | 1270                      | 11700                  |
| 9887    | 0.14                      | 2     | 3    | 1270                      | 11700                  |
| 8817    | 0.16                      | 2     | 3    | 1270                      | 11700                  |
| 7735    | 0.18                      | 2     | 3    | 1270                      | 11700                  |
| 6735    | 0.21                      | 2     | 3    | 1270                      | 11700                  |
| 5943    | 0.24                      | 2     | 3    | 1270                      | 11700                  |
| 5214    | 0.27                      | 2     | 3    | 1270                      | 11700                  |
| 4618    | 0.30                      | 2     | 3    | 1270                      | 11700                  |
| 3992    | 0.35                      | 2     | 3    | 1270                      | 11700                  |
| 3540    | 0.40                      | 2     | 3    | 1270                      | 11700                  |
| 3098    | 0.45                      | 2     | 3    | 1270                      | 11700                  |
| 2753    | 0.51                      | 2     | 3    | 1240                      | 12000                  |
| 2374    | 0.59                      | 2     | 3    | 1240                      | 12000                  |
| 2083    | 0.67                      | 2     | 3    | 1240                      | 12000                  |
| 1813    | 0.77                      | 2     | 3    | 1240                      | 12000                  |
| 1745    | 0.80                      | 2     | 3    | 1240                      | 12000                  |
| 1600    | 0.88                      | 2     | 3    | 1240                      | 12000                  |
| 1404    | 1.0                       | 2     | 3    | 1240                      | 12000                  |
| 1245    | 1.1                       | 2     | 3    | 1240                      | 12000                  |
| 1100    | 1.3                       | 2     | 2    | 1240                      | 12000                  |
| 954     | 1.5                       | 2     | 2    | 1240                      | 12000                  |
| 837     | 1.7                       | 2     | 2    | 1240                      | 12000                  |
| 714     | 2.0                       | 2     | 2    | 1240                      | 12000                  |
| 637     | 2.2                       | 2     | 2    | 1240                      | 12000                  |
| 574     | 2.4                       | 2     | 2    | 1240                      | 12000                  |
| 499     | 2.8                       | 2     | 2    | 1240                      | 12000                  |
| 438     | 3.2                       | 2     | 2    | 1240                      | 12000                  |
| 389     | 3.6                       | 2     | 2    | 1240                      | 12000                  |
| 327     | 4.3                       | 2     | 2    | 1240                      | 12000                  |
| 289     | 4.8                       | 2     | 2    | 1240                      | 12000                  |
| 250     | 5.6                       | 2     | 2    | 1240                      | 12000                  |
| 219     | 6.4                       | 2     | 2    | 1240                      | 12000                  |



KW80/90H50  $n_e=1400$  1/min

| KW80H50 2500Nm |                  |                    |   |                    |                 |
|----------------|------------------|--------------------|---|--------------------|-----------------|
| i              | $n_a$<br>[1/min] | Stage<br>KW80 KH50 |   | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] |
| 25987          | 0.05             | 2                  | 3 | 2500               | 27500           |
| 23940          | 0.06             | 2                  | 3 | 2500               | 27500           |
| 20568          | 0.07             | 2                  | 3 | 2500               | 27500           |
| 18265          | 0.08             | 2                  | 3 | 2500               | 27500           |
| 16774          | 0.08             | 2                  | 3 | 2500               | 27500           |
| 14820          | 0.09             | 2                  | 3 | 2500               | 27500           |
| 13160          | 0.11             | 2                  | 3 | 2500               | 27500           |
| 11200          | 0.12             | 2                  | 3 | 2500               | 27500           |
| 9904           | 0.14             | 2                  | 3 | 2500               | 27500           |
| 8549           | 0.16             | 2                  | 3 | 2500               | 27500           |
| 7643           | 0.18             | 2                  | 3 | 2500               | 27500           |
| 6706           | 0.21             | 2                  | 3 | 2500               | 27500           |
| 5875           | 0.24             | 2                  | 3 | 2500               | 27500           |
| 5187           | 0.27             | 2                  | 3 | 2500               | 27500           |
| 4606           | 0.30             | 2                  | 3 | 2500               | 27500           |
| 3872           | 0.36             | 2                  | 3 | 2500               | 27500           |
| 3475           | 0.40             | 2                  | 2 | 2500               | 27500           |
| 2905           | 0.48             | 2                  | 2 | 2500               | 27500           |
| 2586           | 0.54             | 2                  | 2 | 2500               | 27500           |
| 2335           | 0.60             | 2                  | 2 | 2500               | 27500           |
| 2054           | 0.68             | 2                  | 2 | 2500               | 27500           |
| 1824           | 0.77             | 2                  | 2 | 2500               | 27500           |
| 1631           | 0.86             | 2                  | 2 | 2500               | 27500           |
| 1332           | 1.1              | 2                  | 2 | 2500               | 27500           |
| 1191           | 1.2              | 2                  | 2 | 2500               | 27500           |
| 1032           | 1.4              | 2                  | 2 | 2500               | 27500           |
| 930            | 1.5              | 2                  | 2 | 2500               | 27500           |
| 831            | 1.7              | 2                  | 2 | 2500               | 27500           |
| 719            | 1.9              | 2                  | 2 | 2500               | 27500           |
| 624            | 2.2              | 2                  | 2 | 2500               | 27500           |
| 558            | 2.5              | 2                  | 2 | 2500               | 27500           |
| 485            | 2.9              | 2                  | 2 | 2500               | 27500           |
| 435            | 3.2              | 2                  | 2 | 2450               | 27600           |
| 378            | 3.7              | 2                  | 2 | 2450               | 27600           |
| 323            | 4.3              | 2                  | 2 | 2400               | 27700           |
| 281            | 5.0              | 2                  | 2 | 2400               | 27700           |
| 255            | 5.5              | 2                  | 2 | 1980               | 28400           |
| 222            | 6.3              | 2                  | 2 | 1980               | 28400           |
| 205            | 6.8              | 2                  | 2 | 1980               | 28400           |

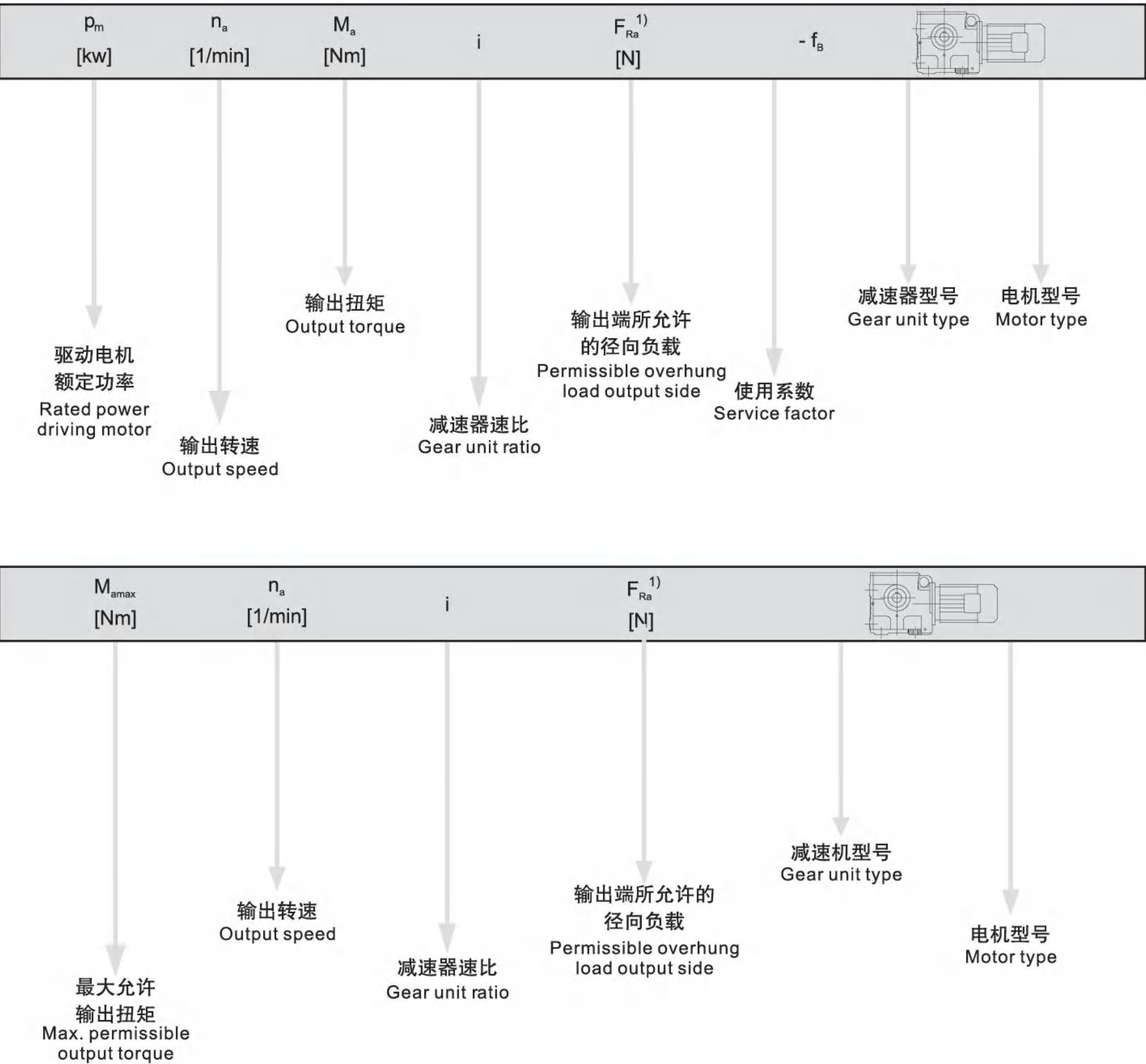
| KW90H50 4200Nm |                  |                    |   |                    |                 |
|----------------|------------------|--------------------|---|--------------------|-----------------|
| i              | $n_a$<br>[1/min] | Stage<br>KW90 KH50 |   | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] |
| 33818          | 0.04             | 2                  | 3 | 4200               | 34200           |
| 31154          | 0.04             | 2                  | 3 | 4200               | 34200           |
| 27847          | 0.05             | 2                  | 3 | 4200               | 34200           |
| 24641          | 0.06             | 2                  | 3 | 4200               | 34200           |
| 21537          | 0.07             | 2                  | 3 | 4200               | 34200           |
| 18749          | 0.07             | 2                  | 3 | 4200               | 34200           |
| 16233          | 0.09             | 2                  | 3 | 4200               | 34200           |
| 14576          | 0.10             | 2                  | 3 | 4200               | 34200           |
| 12752          | 0.11             | 2                  | 3 | 4200               | 34200           |
| 11267          | 0.12             | 2                  | 3 | 4200               | 34200           |
| 10078          | 0.14             | 2                  | 3 | 4200               | 34200           |
| 8608           | 0.16             | 2                  | 3 | 4200               | 34200           |
| 7554           | 0.19             | 2                  | 3 | 4200               | 34200           |
| 6640           | 0.21             | 2                  | 3 | 4200               | 30600           |
| 5780           | 0.24             | 2                  | 3 | 4200               | 30600           |
| 4937           | 0.28             | 2                  | 3 | 4200               | 30600           |
| 4444           | 0.32             | 2                  | 3 | 4200               | 30600           |
| 4017           | 0.35             | 2                  | 3 | 4200               | 30600           |
| 3453           | 0.41             | 2                  | 3 | 4200               | 30600           |
| 3108           | 0.45             | 2                  | 3 | 4200               | 30600           |
| 2654           | 0.53             | 2                  | 3 | 4200               | 30600           |
| 2329           | 0.60             | 2                  | 3 | 4200               | 30600           |
| 2081           | 0.67             | 2                  | 3 | 4200               | 30600           |
| 1860           | 0.75             | 2                  | 3 | 4200               | 30600           |
| 1574           | 0.89             | 2                  | 3 | 4200               | 30600           |
| 1394           | 1.0              | 2                  | 2 | 4200               | 30600           |
| 1223           | 1.1              | 2                  | 2 | 4200               | 30600           |
| 1070           | 1.3              | 2                  | 2 | 4200               | 30600           |
| 928            | 1.5              | 2                  | 2 | 4200               | 30600           |
| 824            | 1.7              | 2                  | 2 | 4200               | 30600           |
| 714            | 2.0              | 2                  | 2 | 4200               | 34400           |
| 626            | 2.2              | 2                  | 2 | 4200               | 30600           |
| 538            | 2.6              | 2                  | 2 | 4200               | 30600           |
| 484            | 2.9              | 2                  | 2 | 4200               | 30700           |
| 420            | 3.3              | 2                  | 2 | 4200               | 30700           |
| 376            | 3.7              | 2                  | 2 | 4200               | 30800           |
| 327            | 4.3              | 2                  | 2 | 4200               | 30800           |
| 287            | 4.9              | 2                  | 2 | 4200               | 30900           |
| 252            | 5.6              | 2                  | 2 | 4200               | 31000           |
| 219            | 6.4              | 2                  | 2 | 4200               | 31000           |
| 205            | 6.8              | 2                  | 2 | 4200               | 31000           |

#### 8.4 选型表注释

#### 8.4 Selection table

选型表的结构

Selection table geared motors



图例 Cutline

※ 也可用于EEXE电机。 ※ EEXE motor is optional.

1) 实心轴地脚安装减速机的径向负荷

1) Overhung load specified for foot – mounted gear unit with solid shaft

注意: Notice:

对于特殊低输出转速驱动（多级减速电机），电机功率必须与减速机的最大允许输出扭矩相对应。  
In drives for particularly low output speed (multi – stage geared motors), the motor power must be limited according to maximum permitted output torque of the gear unit.



| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model |              |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------|--------------|
| 0.12kW                                                   |                                                         |                       |                                                         |                                                 |              |              |
| 0.12                                                     | 4610                                                    | 11267                 | 28700                                                   | 0.90                                            | KW           | 90 H50 D63S4 |
| 0.14                                                     | 4210                                                    | 10078                 | 32800                                                   | 1.00                                            | KWF          | 90 H50 D63S4 |
| 0.16                                                     | 3500                                                    | 8608                  | 34200                                                   | 1.20                                            | KWA          | 90 H50 D63S4 |
| 0.18                                                     | 3090                                                    | 7554                  | 34800                                                   | 1.35                                            | KWAF         | 90 H50 D63S4 |
| 0.18                                                     | 3120                                                    | 7643                  | 14400                                                   | 0.80                                            |              |              |
| 0.21                                                     | 2630                                                    | 6706                  | 27200                                                   | 0.95                                            | KW           | 80 H50 D63S4 |
| 0.23                                                     | 2330                                                    | 5875                  | 27800                                                   | 1.05                                            | KWF          | 80 H50 D63S4 |
| 0.27                                                     | 1960                                                    | 5187                  | 28500                                                   | 1.25                                            | KWA          | 80 H50 D63S4 |
| 0.30                                                     | 1740                                                    | 4606                  | 28800                                                   | 1.45                                            | KWAF         | 80 H50 D63S4 |
| 0.36                                                     | 1450                                                    | 3872                  | 29200                                                   | 1.70                                            |              |              |
| 0.39                                                     | 1340                                                    | 3540                  | 9700                                                    | 0.95                                            |              |              |
| 0.45                                                     | 1170                                                    | 3098                  | 12500                                                   | 1.10                                            |              |              |
| 0.58                                                     | 1280                                                    | 2374                  | 11600                                                   | 0.95                                            | KW           | 70 H30 D63S4 |
| 0.66                                                     | 1130                                                    | 2083                  | 12900                                                   | 1.10                                            | KWF          | 70 H30 D63S4 |
| 0.76                                                     | 960                                                     | 1813                  | 14100                                                   | 1.30                                            | KWA          | 70 H30 D63S4 |
| 0.79                                                     | 910                                                     | 1745                  | 14300                                                   | 1.35                                            | KWAF         | 70 H30 D63S4 |
| 0.86                                                     | 840                                                     | 1600                  | 14700                                                   | 1.50                                            |              |              |
| 0.98                                                     | 735                                                     | 1404                  | 15200                                                   | 1.70                                            |              |              |
| 1.1                                                      | 645                                                     | 1245                  | 15600                                                   | 1.90                                            |              |              |
| 1.0                                                      | 665                                                     | 1363                  | 4800                                                    | 0.85                                            | KW           | 60 H30 D63S4 |
| 1.2                                                      | 575                                                     | 1194                  | 8160                                                    | 1.00                                            | KWF          | 60 H30 D63S4 |
| 1.3                                                      | 515                                                     | 1045                  | 8720                                                    | 1.10                                            | KWA          | 60 H30 D63S4 |
| 1.5                                                      | 445                                                     | 914                   | 9280                                                    | 1.30                                            | KWAF         | 60 H30 D63S4 |
| 1.7                                                      | 400                                                     | 809                   | 9580                                                    | 1.40                                            |              |              |
| 1.9                                                      | 355                                                     | 712                   | 9860                                                    | 1.60                                            |              |              |
| 2.2                                                      | 295                                                     | 615                   | 10100                                                   | 1.95                                            | KW           | 60 H30 D63S4 |
| 2.5                                                      | 265                                                     | 543                   | 10300                                                   | 2.2                                             | KWF          | 60 H30 D63S4 |
| 2.9                                                      | 220                                                     | 469                   | 10400                                                   | 2.6                                             | KWA          | 60 H30 D63S4 |
| 3.3                                                      | 197                                                     | 424                   | 10500                                                   | 2.9                                             | KWAF         | 60 H30 D63S4 |
| 3.8                                                      | 180                                                     | 365                   | 10500                                                   | 3.2                                             |              |              |
| 2.1                                                      | 315                                                     | 655                   | 6930                                                    | 0.95                                            |              |              |
| 2.4                                                      | 275                                                     | 574                   | 7290                                                    | 1.10                                            |              |              |
| 2.7                                                      | 240                                                     | 506                   | 7540                                                    | 1.25                                            | KW           | 50 H10 D63S4 |
| 3.2                                                      | 210                                                     | 438                   | 7750                                                    | 1.45                                            | KWF          | 50 H10 D63S4 |
| 3.6                                                      | 183                                                     | 388                   | 7880                                                    | 1.65                                            | KWA          | 50 H10 D63S4 |
| 4.1                                                      | 163                                                     | 336                   | 7980                                                    | 1.85                                            | KWAF         | 50 H10 D63S4 |
| 4.7                                                      | 140                                                     | 294                   | 8070                                                    | 2.1                                             |              |              |
| 5.1                                                      | 134                                                     | 269                   | 8090                                                    | 2.2                                             |              |              |
| 3.2                                                      | 210                                                     | 438                   | 5060                                                    | 0.90                                            |              |              |
| 3.6                                                      | 183                                                     | 388                   | 5210                                                    | 1.00                                            |              |              |
| 4.1                                                      | 162                                                     | 336                   | 5320                                                    | 1.15                                            | KW           | 40 H10 D63S4 |
| 4.7                                                      | 139                                                     | 294                   | 5450                                                    | 1.35                                            | KWF          | 40 H10 D63S4 |
| 5.4                                                      | 95                                                      | 257                   | 5680                                                    | 1.95                                            | KWA          | 40 H10 D63S4 |
| 6.0                                                      | 113                                                     | 229                   | 5570                                                    | 1.65                                            | KWAF         | 40 H10 D63S4 |
| 6.9                                                      | 99                                                      | 200                   | 5630                                                    | 1.90                                            |              |              |
| 7.4                                                      | 92                                                      | 187                   | 5660                                                    | 2.0                                             |              |              |
| 6.8                                                      | 99                                                      | 202                   | 3000                                                    | 0.95                                            |              |              |
| 7.7                                                      | 88                                                      | 179                   | 3000                                                    | 1.05                                            | KW           | 30 H10 D63S4 |
| 8.7                                                      | 78                                                      | 158                   | 3000                                                    | 1.15                                            | KWF          | 30 H10 D63S4 |
| 9.6                                                      | 72                                                      | 144                   | 3000                                                    | 1.25                                            | KWA          | 30 H10 D63S4 |
| 12                                                       | 59                                                      | 118                   | 3000                                                    | 1.55                                            | KWAF         | 30 H10 D63S4 |
| 13                                                       | 55                                                      | 110                   | 3000                                                    | 1.65                                            |              |              |
| 4.5                                                      | 143                                                     | 201.00                | 8050                                                    | 2.1                                             | KW           | 50 D63M6     |
| 4.9                                                      | 133                                                     | 184.80                | 8090                                                    | 2.2                                             | KWF          | 50 D63M6     |
| 5.7                                                      | 116                                                     | 158.12                | 8150                                                    | 2.5                                             | KWA          | 50 D63M6     |
| 6.6                                                      | 103                                                     | 137.05                | 8180                                                    | 2.9                                             | KWAF         | 50 D63M6     |
| 4.5                                                      | 138                                                     | 201.00                | 5490                                                    | 1.30                                            |              |              |
| 4.9                                                      | 129                                                     | 184.80                | 5540                                                    | 1.40                                            | KW           | 40 D63M6     |
| 5.7                                                      | 112                                                     | 158.12                | 5610                                                    | 1.55                                            | KWF          | 40 D63M6     |
| 6.6                                                      | 99                                                      | 137.05                | 5660                                                    | 1.75                                            | KWA          | 40 D63M6     |
| 7.0                                                      | 93                                                      | 128.10                | 5680                                                    | 1.85                                            | KWAF         | 40 D63M6     |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model |    |           |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------|----|-----------|
| 0.12kW                                                   |                                                         |                       |                                                         |                                                 |              |    |           |
| 6.9                                                      | 95                                                      | 201.00                | 5680                                                    | 1.80                                            |              |    |           |
| 7.5                                                      | 89                                                      | 184.80                | 5700                                                    | 1.90                                            | KW           | 40 | D63S4     |
| 8.7                                                      | 77                                                      | 158.12                | 5740                                                    | 2.2                                             | KWF          | 40 | D63S4     |
| 10                                                       | 68                                                      | 137.05                | 5780                                                    | 2.5                                             | KWA          | 40 | D63S4     |
| 11                                                       | 64                                                      | 128.10                | 5790                                                    | 2.6                                             | KWAF         | 40 | D63S4     |
| 12                                                       | 57                                                      | 110.73                | 5810                                                    | 3.0                                             |              |    |           |
| 5.7                                                      | 107                                                     | 157.43                | 3000                                                    | 0.85                                            |              |    |           |
| 6.2                                                      | 99                                                      | 144.40                | 3000                                                    | 0.95                                            | KW           | 30 | D63M6     |
| 7.3                                                      | 86                                                      | 122.94                | 3000                                                    | 1.05                                            | KWF          | 30 | D63M6     |
| 8.5                                                      | 76                                                      | 106.00                | 3000                                                    | 1.20                                            | KWA          | 30 | D63M6     |
| 9.1                                                      | 71                                                      | 98.80                 | 3000                                                    | 1.30                                            | KWAF         | 30 | D63M6     |
| 10                                                       | 64                                                      | 86.36                 | 3000                                                    | 1.45                                            |              |    |           |
| 8.8                                                      | 74                                                      | 157.43                | 3000                                                    | 1.25                                            |              |    |           |
| 9.6                                                      | 68                                                      | 144.40                | 3000                                                    | 1.35                                            | KW           | 30 | D63S4     |
| 11                                                       | 60                                                      | 122.94                | 3000                                                    | 1.55                                            | KWF          | 30 | D63S4     |
| 13                                                       | 52                                                      | 106.00                | 3000                                                    | 1.70                                            | KWA          | 30 | D63S4     |
| 14                                                       | 49                                                      | 98.80                 | 3000                                                    | 1.75                                            | KWAF         | 30 | D63S4     |
| 16                                                       | 44                                                      | 86.36                 | 3000                                                    | 1.95                                            |              |    |           |
| 17                                                       | 41                                                      | 80.96                 | 3000                                                    | 2.1                                             |              |    |           |
| 19                                                       | 37                                                      | 71.44                 | 3000                                                    | 2.3                                             |              |    |           |
| 22                                                       | 33                                                      | 63.33                 | 3000                                                    | 2.5                                             |              |    |           |
| 25                                                       | 35                                                      | 55.93                 | 3000                                                    | 2.3                                             |              |    |           |
| 27                                                       | 33                                                      | 51.30                 | 3000                                                    | 2.5                                             |              |    |           |
| 32                                                       | 28                                                      | 43.68                 | 3000                                                    | 2.9                                             |              |    |           |
| 37                                                       | 25                                                      | 37.66                 | 3000                                                    | 3.2                                             | KW           | 30 | D63S4     |
| 39                                                       | 23                                                      | 35.10                 | 3000                                                    | 3.4                                             | KWF          | 30 | D63S4     |
| 45                                                       | 20                                                      | 30.68                 | 3000                                                    | 3.7                                             | KWA          | 30 | D63S4     |
| 48                                                       | 19                                                      | 28.76                 | 3000                                                    | 3.9                                             | KWAF         | 30 | D63S4     |
| 54                                                       | 17                                                      | 25.38                 | 3000                                                    | 4.3                                             |              |    |           |
| 61                                                       | 15                                                      | 22.50                 | 3000                                                    | 4.8                                             |              |    |           |
| 69                                                       | 14                                                      | 19.89※                | 3000                                                    | 3.6                                             |              |    |           |
| 76                                                       | 13                                                      | 18.24※                | 3000                                                    | 3.9                                             |              |    |           |
| 89                                                       | 11                                                      | 15.53※                | 2870                                                    | 4.4                                             |              |    |           |
| 0.18kW                                                   |                                                         |                       |                                                         |                                                 |              |    |           |
|                                                          |                                                         |                       |                                                         |                                                 | KW           | 80 | H50 D63M4 |
| 0.29                                                     | 2970                                                    | 4606                  | 20900                                                   | 0.85                                            | KWF          | 80 | H50 D63M4 |
| 0.34                                                     | 2480                                                    | 3872                  | 27500                                                   | 1.00                                            | KWA          | 80 | H50 D63M4 |
|                                                          |                                                         |                       |                                                         |                                                 | KWAF         | 80 | H50 D63M4 |
| 0.38                                                     | 2350                                                    | 3475                  | 27800                                                   | 1.05                                            |              |    |           |
| 0.45                                                     | 1970                                                    | 2905                  | 28500                                                   | 1.25                                            |              |    |           |
| 0.51                                                     | 1710                                                    | 2586                  | 28900                                                   | 1.45                                            | KW           | 80 | H50 D63M4 |
| 0.57                                                     | 1520                                                    | 2335                  | 29100                                                   | 1.65                                            | KWF          | 80 | H50 D63M4 |
| 0.64                                                     | 1320                                                    | 2054                  | 29400                                                   | 1.90                                            | KWA          | 80 | H50 Y63M4 |
| 0.72                                                     | 1170                                                    | 1824                  | 29500                                                   | 2.1                                             | KWAF         | 80 | H50 Y63M4 |
| 0.81                                                     | 1050                                                    | 1631                  | 29600                                                   | 2.4                                             |              |    |           |
|                                                          |                                                         |                       |                                                         |                                                 | KW           | 70 | H30 D63M4 |
| 0.94                                                     | 1220                                                    | 1404                  | 12200                                                   | 1.00                                            | KWF          | 70 | H30 D63M4 |
| 1.1                                                      | 1070                                                    | 1245                  | 13000                                                   | 1.15                                            | KWA          | 70 | H30 D63M4 |
|                                                          |                                                         |                       |                                                         |                                                 | KWAF         | 70 | H30 D63M4 |
| 1.2                                                      | 990                                                     | 1100                  | 13900                                                   | 1.25                                            |              |    |           |
| 1.4                                                      | 850                                                     | 954                   | 14700                                                   | 1.45                                            | KW           | 70 | H30 D63M4 |
| 1.6                                                      | 745                                                     | 837                   | 15200                                                   | 1.65                                            | KWF          | 70 | H30 D63M4 |
| 1.9                                                      | 625                                                     | 714                   | 15600                                                   | 2.0                                             | KWA          | 70 | H30 D63M4 |
| 2.1                                                      | 555                                                     | 637                   | 15900                                                   | 2.2                                             | KWAF         | 70 | H30 D63M4 |
| 2.3                                                      | 500                                                     | 574                   | 16000                                                   | 2.5                                             |              |    |           |
| 1.6                                                      | 660                                                     | 809                   | 5140                                                    | 0.85                                            |              |    |           |
| 1.9                                                      | 580                                                     | 712                   | 8060                                                    | 1.00                                            | KW           | 60 | H30 D63M4 |
| 2.2                                                      | 490                                                     | 615                   | 8920                                                    | 1.15                                            | KWF          | 60 | H30 D63M4 |
| 2.4                                                      | 440                                                     | 543                   | 9330                                                    | 1.30                                            | KWA          | 60 | H30 D63M4 |
| 2.8                                                      | 370                                                     | 469                   | 9780                                                    | 1.55                                            | KWAF         | 60 | H30 D63M4 |
| 3.1                                                      | 335                                                     | 424                   | 9970                                                    | 1.70                                            |              |    |           |
| 3.6                                                      | 295                                                     | 365                   | 10100                                                   | 1.90                                            |              |    |           |

注：带※速比产品在改进中，订货前需沟通

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model             |              |       |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------------------|--------------|-------|
| 0.18kW                                                   |                                                         |                       |                                                         |                                                 |                          |              |       |
| 3.0                                                      | 345                                                     | 438                   | 6630                                                    | 0.85                                            | KW<br>KWF<br>KWA<br>KWAF | 50 H10 D63M4 |       |
| 3.4                                                      | 305                                                     | 388                   | 7040                                                    | 1.00                                            |                          |              |       |
| 3.9                                                      | 270                                                     | 336                   | 7350                                                    | 1.10                                            |                          |              |       |
| 4.5                                                      | 235                                                     | 294                   | 7600                                                    | 1.30                                            |                          |              |       |
| 4.9                                                      | 220                                                     | 269                   | 7690                                                    | 1.35                                            |                          |              |       |
| 5.8                                                      | 188                                                     | 229                   | 7860                                                    | 1.60                                            |                          |              |       |
| 6.5                                                      | 169                                                     | 204                   | 7950                                                    | 1.80                                            |                          |              |       |
| 7.1                                                      | 154                                                     | 187                   | 8010                                                    | 1.95                                            |                          |              |       |
| 4.5                                                      | 230                                                     | 294                   | 4910                                                    | 0.80                                            | KW<br>KWF<br>KWA<br>KWAF | 40 H10 D63M4 |       |
| 5.1                                                      | 158                                                     | 257                   | 5400                                                    | 1.15                                            |                          |              |       |
| 5.8                                                      | 185                                                     | 229                   | 5200                                                    | 1.00                                            |                          |              |       |
| 6.6                                                      | 162                                                     | 200                   | 5330                                                    | 1.15                                            |                          |              |       |
| 7.1                                                      | 152                                                     | 187                   | 5380                                                    | 1.20                                            |                          |              |       |
| 8.0                                                      | 134                                                     | 165                   | 5470                                                    | 1.40                                            |                          |              |       |
| 8.9                                                      | 121                                                     | 148                   | 5530                                                    | 1.55                                            |                          |              |       |
| 10                                                       | 108                                                     | 131                   | 5590                                                    | 1.70                                            |                          |              |       |
| 4.0                                                      | 255                                                     | 217.41                | 10300                                                   | 2.2                                             | KW                       | 60           | D63L6 |
| 4.6                                                      | 225                                                     | 190.11                | 10400                                                   | 2.5                                             | KWF                      | 60           | D63L6 |
| 4.8                                                      | 215                                                     | 180.60                | 10400                                                   | 2.6                                             | KWA                      | 60           | D63L6 |
|                                                          |                                                         |                       |                                                         |                                                 | KWAF                     | 60           | D63L6 |
| 4.3                                                      | 220                                                     | 201.00                | 7670                                                    | 1.35                                            | KW                       | 50           | D63L6 |
| 4.7                                                      | 205                                                     | 184.80                | 7760                                                    | 1.45                                            | KWF                      | 50           | D63L6 |
| 5.5                                                      | 180                                                     | 158.12                | 7900                                                    | 1.65                                            | KWA                      | 50           | D63L6 |
| 6.3                                                      | 159                                                     | 137.05                | 7990                                                    | 1.85                                            | KWAF                     | 50           | D63L6 |
| 6.6                                                      | 154                                                     | 201.00                | 8010                                                    | 1.90                                            | KW                       | 50           | D63M4 |
| 7.1                                                      | 143                                                     | 184.80                | 8050                                                    | 2.1                                             | KWF                      | 50           | D63M4 |
| 8.4                                                      | 125                                                     | 158.12                | 8120                                                    | 2.4                                             | KWA                      | 50           | D63M4 |
| 9.6                                                      | 110                                                     | 137.05                | 8160                                                    | 2.7                                             | KWAF                     | 50           | D63M4 |
| 4.3                                                      | 215                                                     | 201.00                | 5090                                                    | 0.85                                            | KW<br>KWF<br>KWA<br>KWAF | 40           | D63L6 |
| 4.7                                                      | 199                                                     | 184.80                | 5180                                                    | 0.90                                            |                          |              |       |
| 5.5                                                      | 173                                                     | 158.12                | 5320                                                    | 1.00                                            |                          |              |       |
| 6.3                                                      | 153                                                     | 137.05                | 5420                                                    | 1.10                                            |                          |              |       |
| 6.8                                                      | 144                                                     | 128.10                | 5470                                                    | 1.20                                            |                          |              |       |
| 6.6                                                      | 149                                                     | 201.00                | 5440                                                    | 1.15                                            | KW<br>KWF<br>KWA<br>KWAF | 40           | D63M4 |
| 7.1                                                      | 138                                                     | 184.80                | 5490                                                    | 1.25                                            |                          |              |       |
| 8.4                                                      | 121                                                     | 158.12                | 5570                                                    | 1.40                                            |                          |              |       |
| 9.6                                                      | 107                                                     | 137.05                | 5630                                                    | 1.60                                            |                          |              |       |
| 10                                                       | 100                                                     | 128.10                | 5660                                                    | 1.65                                            |                          |              |       |
| 12                                                       | 88                                                      | 110.73                | 5700                                                    | 1.90                                            |                          |              |       |
| 14                                                       | 77                                                      | 94.08                 | 5750                                                    | 2.2                                             |                          |              |       |
| 16                                                       | 69                                                      | 84.00                 | 5770                                                    | 2.4                                             |                          |              |       |
| 18                                                       | 60                                                      | 71.75                 | 5800                                                    | 2.8                                             |                          |              |       |
| 19                                                       | 69                                                      | 69.39                 | 5750                                                    | 2.2                                             |                          |              |       |
| 8.4                                                      | 115                                                     | 157.43                | 3000                                                    | 0.80                                            | KW<br>KWF<br>KWA<br>KWAF | 30           | D63M4 |
| 9.1                                                      | 107                                                     | 144.40                | 3000                                                    | 0.85                                            |                          |              |       |
| 11                                                       | 93                                                      | 122.94                | 3000                                                    | 1.00                                            |                          |              |       |
| 12                                                       | 82                                                      | 106.00                | 3000                                                    | 1.10                                            |                          |              |       |
| 13                                                       | 77                                                      | 98.80                 | 3000                                                    | 1.15                                            |                          |              |       |
| 15                                                       | 68                                                      | 86.36                 | 3000                                                    | 1.25                                            |                          |              |       |
| 16                                                       | 64                                                      | 80.96                 | 3000                                                    | 1.30                                            |                          |              |       |
| 18                                                       | 58                                                      | 71.44                 | 3000                                                    | 1.45                                            | KW<br>KWF<br>KWA<br>KWAF | 30           | D63M4 |
| 21                                                       | 52                                                      | 63.33                 | 3000                                                    | 1.60                                            |                          |              |       |
| 24                                                       | 55                                                      | 55.93                 | 3000                                                    | 1.45                                            |                          |              |       |
| 26                                                       | 51                                                      | 51.30                 | 3000                                                    | 1.60                                            |                          |              |       |
| 30                                                       | 44                                                      | 43.68                 | 3000                                                    | 1.85                                            |                          |              |       |
| 35                                                       | 38                                                      | 37.66                 | 3000                                                    | 2.1                                             |                          |              |       |
| 38                                                       | 36                                                      | 35.10                 | 3000                                                    | 2.2                                             |                          |              |       |
| 43                                                       | 32                                                      | 30.68                 | 3000                                                    | 2.4                                             |                          |              |       |
| 46                                                       | 30                                                      | 28.76                 | 3000                                                    | 2.5                                             |                          |              |       |
| 52                                                       | 27                                                      | 25.38                 | 3000                                                    | 2.8                                             |                          |              |       |
| 59                                                       | 24                                                      | 22.50                 | 3000                                                    | 3.1                                             |                          |              |       |
| 66                                                       | 22                                                      | 19.89 *               | 3000                                                    | 2.3                                             |                          |              |       |
| 72                                                       | 21                                                      | 18.24 *               | 2940                                                    | 2.5                                             |                          |              |       |
| 85                                                       | 18                                                      | 15.53 *               | 2810                                                    | 2.8                                             |                          |              |       |
| 99                                                       | 15                                                      | 13.39 *               | 2700                                                    | 3.2                                             |                          |              |       |
| 106                                                      | 14                                                      | 12.48 *               | 2650                                                    | 3.4                                             |                          |              |       |
| 121                                                      | 13                                                      | 10.91 *               | 2550                                                    | 3.8                                             |                          |              |       |
| 129                                                      | 12                                                      | 10.23 *               | 2500                                                    | 4.0                                             |                          |              |       |



| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model             |    |           |                          |    |           |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------------------|----|-----------|--------------------------|----|-----------|
| 0.25kW                                                   |                                                         |                       |                                                         |                                                 |                          |    |           |                          |    |           |
| 6.5                                                      | 210                                                     | 201.00                | 5120                                                    | 0.80                                            | KW<br>KWF<br>KWA<br>KWAF | 40 | D71C4     |                          |    |           |
| 7.0                                                      | 195                                                     | 184.80                | 5210                                                    | 0.85                                            |                          |    |           |                          |    |           |
| 8.2                                                      | 170                                                     | 158.12                | 5340                                                    | 1.00                                            |                          |    |           |                          |    |           |
| 9.5                                                      | 150                                                     | 137.05                | 5440                                                    | 1.10                                            |                          |    |           |                          |    |           |
| 10                                                       | 141                                                     | 128.10                | 5480                                                    | 1.20                                            |                          |    |           |                          |    |           |
| 12                                                       | 124                                                     | 110.73                | 5560                                                    | 1.35                                            |                          |    |           |                          |    |           |
| 14                                                       | 108                                                     | 94.08                 | 5630                                                    | 1.55                                            |                          |    |           |                          |    |           |
| 15                                                       | 98                                                      | 84.00                 | 5670                                                    | 1.70                                            |                          |    |           |                          |    |           |
| 18                                                       | 85                                                      | 71.75                 | 5720                                                    | 1.95                                            |                          |    |           |                          |    |           |
| 19                                                       | 97                                                      | 69.39                 | 5640                                                    | 1.60                                            |                          |    |           |                          |    |           |
| 19                                                       | 80                                                      | 67.20                 | 5740                                                    | 2.1                                             | KW<br>KWF<br>KWA<br>KWAF | 30 | D71C4     |                          |    |           |
| 20                                                       | 90                                                      | 63.80                 | 5670                                                    | 1.70                                            |                          |    |           |                          |    |           |
| 24                                                       | 78                                                      | 54.59                 | 5720                                                    | 2.0                                             |                          |    |           |                          |    |           |
| 27                                                       | 68                                                      | 47.32                 | 5760                                                    | 2.3                                             |                          |    |           |                          |    |           |
| 13                                                       | 108                                                     | 98.80                 | 3000                                                    | 0.80                                            |                          |    |           | KW<br>KWF<br>KWA<br>KWAF | 30 | D71C4     |
| 15                                                       | 96                                                      | 86.36                 | 3000                                                    | 0.90                                            |                          |    |           |                          |    |           |
| 16                                                       | 91                                                      | 80.96                 | 3000                                                    | 0.95                                            |                          |    |           |                          |    |           |
| 18                                                       | 81                                                      | 71.44                 | 3000                                                    | 1.05                                            |                          |    |           |                          |    |           |
| 21                                                       | 73                                                      | 63.33                 | 3000                                                    | 1.10                                            |                          |    |           |                          |    |           |
| 23                                                       | 78                                                      | 55.93                 | 3000                                                    | 1.05                                            |                          |    |           |                          |    |           |
| 25                                                       | 72                                                      | 51.30                 | 3000                                                    | 1.15                                            |                          |    |           |                          |    |           |
| 30                                                       | 62                                                      | 43.68                 | 3000                                                    | 1.30                                            |                          |    |           |                          |    |           |
| 35                                                       | 54                                                      | 37.66                 | 3000                                                    | 1.45                                            |                          |    |           |                          |    |           |
| 37                                                       | 51                                                      | 35.10                 | 3000                                                    | 1.55                                            | KW<br>KWF<br>KWA<br>KWAF | 30 | D71C4     |                          |    |           |
| 42                                                       | 45                                                      | 30.68                 | 3000                                                    | 1.70                                            |                          |    |           |                          |    |           |
| 45                                                       | 42                                                      | 28.76                 | 3000                                                    | 1.80                                            |                          |    |           |                          |    |           |
| 51                                                       | 37                                                      | 25.38                 | 3000                                                    | 2.0                                             |                          |    |           |                          |    |           |
| 58                                                       | 33                                                      | 22.50                 | 3000                                                    | 2.2                                             |                          |    |           |                          |    |           |
| 65                                                       | 32                                                      | 19.89 ※               | 2870                                                    | 1.65                                            |                          |    |           |                          |    |           |
| 71                                                       | 29                                                      | 18.24 ※               | 2820                                                    | 1.80                                            |                          |    |           |                          |    |           |
| 84                                                       | 25                                                      | 15.53 ※               | 2710                                                    | 2.0                                             |                          |    |           |                          |    |           |
| 97                                                       | 22                                                      | 13.39 ※               | 2620                                                    | 2.3                                             |                          |    |           |                          |    |           |
| 104                                                      | 20                                                      | 12.48 ※               | 2570                                                    | 2.4                                             |                          |    |           | KW<br>KWF<br>KWA<br>KWAF | 30 | D63M2     |
| 119                                                      | 18                                                      | 10.91 ※               | 2480                                                    | 2.7                                             |                          |    |           |                          |    |           |
| 127                                                      | 17                                                      | 10.23 ※               | 2440                                                    | 2.8                                             |                          |    |           |                          |    |           |
| 144                                                      | 15                                                      | 9.02 ※                | 2360                                                    | 3.1                                             |                          |    |           |                          |    |           |
| 163                                                      | 13                                                      | 8.00 ※                | 2290                                                    | 3.4                                             |                          |    |           |                          |    |           |
| 191                                                      | 11                                                      | 6.80 ※                | 2180                                                    | 3.8                                             |                          |    |           |                          |    |           |
| 92                                                       | 21                                                      | 28.76                 | 2740                                                    | 3.0                                             | KW<br>KWF<br>KWA<br>KWAF | 30 | D63M2     |                          |    |           |
| 105                                                      | 19                                                      | 25.38                 | 2650                                                    | 3.3                                             |                          |    |           |                          |    |           |
| 118                                                      | 17                                                      | 22.50                 | 2560                                                    | 3.4                                             |                          |    |           |                          |    |           |
| 134                                                      | 16                                                      | 19.89 ※               | 2410                                                    | 2.8                                             |                          |    |           |                          |    |           |
| 146                                                      | 15                                                      | 18.24 ※               | 2350                                                    | 3.0                                             |                          |    |           |                          |    |           |
| 171                                                      | 13                                                      | 15.53 ※               | 2250                                                    | 3.4                                             |                          |    |           |                          |    |           |
| 199                                                      | 11                                                      | 13.39 ※               | 2160                                                    | 3.8                                             |                          |    |           |                          |    |           |
| 213                                                      | 10                                                      | 12.48 ※               | 2120                                                    | 4.0                                             | KW<br>KWF<br>KWA<br>KWAF | 80 | H50 D71D4 |                          |    |           |
| 0.37kW                                                   |                                                         |                       |                                                         |                                                 |                          |    |           |                          |    |           |
| 0.67                                                     | 2810                                                    | 2054                  | 25400                                                   | 0.90                                            |                          |    |           |                          |    |           |
| 0.76                                                     | 2490                                                    | 1824                  | 27500                                                   | 1.00                                            |                          |    |           |                          |    |           |
| 0.85                                                     | 2230                                                    | 1631                  | 28000                                                   | 1.10                                            |                          |    |           |                          |    |           |
| 1.5                                                      | 1320                                                    | 930                   | 29400                                                   | 1.90                                            |                          |    |           |                          |    |           |
| 1.7                                                      | 1190                                                    | 831                   | 29500                                                   | 2.1                                             |                          |    |           | KW<br>KWF<br>KWA<br>KWAF | 70 | H30 D71D4 |
| 1.9                                                      | 1290                                                    | 714                   | 11500                                                   | 0.95                                            |                          |    |           |                          |    |           |
| 2.2                                                      | 1150                                                    | 637                   | 12700                                                   | 1.10                                            |                          |    |           |                          |    |           |
| 2.4                                                      | 1040                                                    | 574                   | 13600                                                   | 1.20                                            |                          |    |           |                          |    |           |
| 2.8                                                      | 900                                                     | 499                   | 14400                                                   | 1.40                                            |                          |    |           |                          |    |           |
| 3.2                                                      | 785                                                     | 438                   | 15000                                                   | 1.60                                            |                          |    |           |                          |    |           |
| 3.5                                                      | 700                                                     | 389                   | 15400                                                   | 1.80                                            | KW<br>KWF<br>KWA<br>KWAF | 60 | H30 D71D4 |                          |    |           |
| 3.8                                                      | 615                                                     | 365                   | 7700                                                    | 0.95                                            |                          |    |           |                          |    |           |
| 4.3                                                      | 535                                                     | 319                   | 8540                                                    | 1.05                                            |                          |    |           |                          |    |           |
| 4.9                                                      | 470                                                     | 281                   | 9080                                                    | 1.20                                            |                          |    |           |                          |    |           |
| 5.6                                                      | 425                                                     | 246                   | 9430                                                    | 1.35                                            |                          |    |           | KW<br>KWF<br>KWA<br>KWAF | 80 | D90S8     |
| 2.4                                                      | 980                                                     | 288.00                | 29700                                                   | 2.5                                             |                          |    |           |                          |    |           |
| 2.6                                                      | 890                                                     | 258.18                | 29800                                                   | 2.8                                             |                          |    |           |                          |    |           |
| 3.1                                                      | 775                                                     | 222.40                | 29900                                                   | 3.2                                             |                          |    |           |                          |    |           |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model |          |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------|----------|
| 0.37kW                                                   |                                                         |                       |                                                         |                                                 |              |          |
| 3.0                                                      | 735                                                     | 225.26                | 15200                                                   | 1.75                                            | KW           | 70 D90S8 |
| 3.2                                                      | 700                                                     | 214.00                | 15300                                                   | 1.80                                            | KWF          | 70 D90S8 |
| 3.6                                                      | 630                                                     | 189.09                | 15600                                                   | 2.0                                             | KWA          | 70 D90S8 |
| 4.2                                                      | 545                                                     | 161.60                | 15900                                                   | 2.3                                             | KWAF         | 70 D90S8 |
|                                                          |                                                         |                       |                                                         |                                                 |              |          |
| 3.5                                                      | 645                                                     | 256.47                | 15600                                                   | 2.0                                             | KW           | 70 D80K6 |
| 4.0                                                      | 575                                                     | 225.26                | 15800                                                   | 2.2                                             | KWF          | 70 D80K6 |
| 4.2                                                      | 545                                                     | 214.00                | 15900                                                   | 2.3                                             | KWA          | 70 D80K6 |
|                                                          |                                                         |                       |                                                         |                                                 | KWAF         | 70 D80K6 |
|                                                          |                                                         |                       |                                                         |                                                 |              |          |
| 4.1                                                      | 505                                                     | 217.41                | 8810                                                    | 1.10                                            | KW           | 60 D80K6 |
| 4.7                                                      | 450                                                     | 190.11                | 9260                                                    | 1.25                                            | KWF          | 60 D80K6 |
| 5.0                                                      | 430                                                     | 180.60                | 9400                                                    | 1.30                                            | KWA          | 60 D80K6 |
| 5.7                                                      | 380                                                     | 158.45                | 9700                                                    | 1.45                                            | KWAF         | 60 D80K6 |
|                                                          |                                                         |                       |                                                         |                                                 |              |          |
| 6.3                                                      | 345                                                     | 217.41                | 9900                                                    | 1.50                                            |              |          |
| 7.3                                                      | 310                                                     | 190.11                | 10100                                                   | 1.70                                            | KW           | 60 D71D4 |
| 7.6                                                      | 295                                                     | 180.60                | 10200                                                   | 1.75                                            | KWF          | 60 D71D4 |
| 8.7                                                      | 260                                                     | 158.45                | 10300                                                   | 2.0                                             | KWA          | 60 D71D4 |
| 10                                                       | 225                                                     | 134.40                | 10400                                                   | 2.3                                             | KWAF         | 60 D71D4 |
| 11                                                       | 205                                                     | 121.33                | 10500                                                   | 2.5                                             |              |          |
|                                                          |                                                         |                       |                                                         |                                                 |              |          |
| 5.7                                                      | 360                                                     | 158.12                | 6490                                                    | 0.80                                            |              |          |
| 6.6                                                      | 315                                                     | 137.05                | 6930                                                    | 0.95                                            | KW           | 50 D80K6 |
| 7.0                                                      | 300                                                     | 128.10                | 7100                                                    | 1.00                                            | KWF          | 50 D80K6 |
| 8.1                                                      | 265                                                     | 110.73                | 7390                                                    | 1.10                                            | KWA          | 50 D80K6 |
| 9.6                                                      | 230                                                     | 94.08                 | 7630                                                    | 1.30                                            | KWAF         | 50 D80K6 |
| 11                                                       | 205                                                     | 84.00                 | 7760                                                    | 1.45                                            |              |          |
|                                                          |                                                         |                       |                                                         |                                                 |              |          |
| 6.9                                                      | 305                                                     | 201.00                | 7050                                                    | 0.95                                            |              |          |
| 7.5                                                      | 285                                                     | 184.80                | 7230                                                    | 1.05                                            |              |          |
| 8.7                                                      | 245                                                     | 158.12                | 7510                                                    | 1.20                                            |              |          |
| 10                                                       | 220                                                     | 137.05                | 7690                                                    | 1.35                                            |              |          |
| 11                                                       | 205                                                     | 128.10                | 7770                                                    | 1.45                                            | KW           | 50 D71D4 |
| 12                                                       | 180                                                     | 110.73                | 7900                                                    | 1.65                                            | KWF          | 50 D71D4 |
| 15                                                       | 156                                                     | 94.08                 | 8000                                                    | 1.90                                            | KWA          | 50 D71D4 |
| 16                                                       | 141                                                     | 84.00                 | 8060                                                    | 2.1                                             | KWAF         | 50 D71D4 |
| 19                                                       | 122                                                     | 71.75                 | 8130                                                    | 2.4                                             |              |          |
| 20                                                       | 139                                                     | 69.39                 | 8070                                                    | 1.75                                            |              |          |
| 21                                                       | 115                                                     | 67.20                 | 8150                                                    | 2.5                                             |              |          |
| 22                                                       | 128                                                     | 63.80                 | 8110                                                    | 1.90                                            |              |          |
|                                                          |                                                         |                       |                                                         |                                                 |              |          |
| 10                                                       | 210                                                     | 137.05                | 5110                                                    | 0.80                                            |              |          |
| 11                                                       | 199                                                     | 128.10                | 5190                                                    | 0.85                                            |              |          |
| 12                                                       | 175                                                     | 110.73                | 5320                                                    | 0.95                                            |              |          |
| 15                                                       | 151                                                     | 94.08                 | 5430                                                    | 1.10                                            |              |          |
| 16                                                       | 137                                                     | 84.00                 | 5500                                                    | 1.20                                            |              |          |
| 19                                                       | 119                                                     | 71.75                 | 5580                                                    | 1.40                                            |              |          |
| 20                                                       | 136                                                     | 69.39                 | 5460                                                    | 1.15                                            |              |          |
| 21                                                       | 112                                                     | 67.20                 | 5610                                                    | 1.50                                            | KW           | 40 D71D4 |
| 22                                                       | 126                                                     | 63.80                 | 5510                                                    | 1.25                                            | KWF          | 40 D71D4 |
| 25                                                       | 109                                                     | 54.59                 | 5590                                                    | 1.40                                            | KWA          | 40 D71D4 |
| 29                                                       | 96                                                      | 47.32                 | 5410                                                    | 1.60                                            | KWAF         | 40 D71D4 |
| 31                                                       | 90                                                      | 44.22                 | 5330                                                    | 1.75                                            |              |          |
| 36                                                       | 78                                                      | 38.23                 | 5140                                                    | 2.0                                             |              |          |
| 42                                                       | 67                                                      | 32.48                 | 4930                                                    | 2.3                                             |              |          |
| 48                                                       | 60                                                      | 29.00                 | 4790                                                    | 2.6                                             |              |          |
| 56                                                       | 52                                                      | 24.77                 | 4590                                                    | 3.0                                             |              |          |
| 59                                                       | 49                                                      | 23.20                 | 4510                                                    | 3.1                                             |              |          |
| 68                                                       | 46                                                      | 20.33 ※               | 4180                                                    | 2.4                                             |              |          |
| 78                                                       | 40                                                      | 17.62 ※               | 4030                                                    | 2.8                                             |              |          |
| 84                                                       | 37                                                      | 16.47 ※               | 3960                                                    | 3.0                                             |              |          |

注：带※速比产品在改进中，订货前需沟通

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model             |        |       |                          |        |       |                          |    |       |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------------------|--------|-------|--------------------------|--------|-------|--------------------------|----|-------|
| 0.37kW                                                   |                                                         |                       |                                                         |                                                 |                          |        |       |                          |        |       |                          |    |       |
| 22                                                       | 103                                                     | 63.33                 | 3000                                                    | 0.80                                            | KW<br>KWF<br>KWA<br>KWAf | 30     | D71D4 |                          |        |       |                          |    |       |
| 27                                                       | 101                                                     | 51.30                 | 3000                                                    | 0.80                                            |                          |        |       |                          |        |       |                          |    |       |
| 32                                                       | 87                                                      | 43.68                 | 3000                                                    | 0.95                                            |                          |        |       |                          |        |       |                          |    |       |
| 37                                                       | 76                                                      | 37.66                 | 3000                                                    | 1.05                                            |                          |        |       |                          |        |       |                          |    |       |
| 39                                                       | 71                                                      | 35.10                 | 3000                                                    | 1.10                                            |                          |        |       |                          |        |       |                          |    |       |
| 45                                                       | 63                                                      | 30.68                 | 3000                                                    | 1.20                                            |                          |        |       |                          |        |       |                          |    |       |
| 48                                                       | 59                                                      | 28.76                 | 3000                                                    | 1.30                                            |                          |        |       |                          |        |       |                          |    |       |
| 54                                                       | 52                                                      | 25.38                 | 2940                                                    | 1.40                                            |                          |        |       |                          |        |       |                          |    |       |
| 61                                                       | 47                                                      | 22.50                 | 2870                                                    | 1.55                                            |                          |        |       |                          |        |       |                          |    |       |
| 69                                                       | 44                                                      | 19.89※                | 2610                                                    | 1.20                                            |                          |        |       |                          |        |       |                          |    |       |
| 76                                                       | 41                                                      | 18.24※                | 2570                                                    | 1.30                                            | KW<br>KWF<br>KWA<br>KWAf | 30     | D71D4 |                          |        |       |                          |    |       |
| 89                                                       | 35                                                      | 15.53※                | 2500                                                    | 1.45                                            |                          |        |       |                          |        |       |                          |    |       |
| 103                                                      | 30                                                      | 13.39※                | 2420                                                    | 1.60                                            |                          |        |       |                          |        |       |                          |    |       |
| 111                                                      | 28                                                      | 12.48※                | 2390                                                    | 1.70                                            |                          |        |       |                          |        |       |                          |    |       |
| 127                                                      | 25                                                      | 10.91※                | 2320                                                    | 1.95                                            |                          |        |       |                          |        |       |                          |    |       |
| 135                                                      | 23                                                      | 10.23※                | 2280                                                    | 2.0                                             |                          |        |       |                          |        |       |                          |    |       |
| 153                                                      | 21                                                      | 9.02※                 | 2220                                                    | 2.2                                             |                          |        |       |                          |        |       |                          |    |       |
| 173                                                      | 18                                                      | 8.00※                 | 2150                                                    | 2.5                                             |                          |        |       |                          |        |       |                          |    |       |
| 203                                                      | 16                                                      | 6.80※                 | 2070                                                    | 2.7                                             |                          |        |       |                          |        |       |                          |    |       |
|                                                          |                                                         |                       |                                                         |                                                 |                          |        |       |                          |        |       |                          |    |       |
| 104                                                      | 28                                                      | 25.38                 | 2540                                                    | 2.2                                             | KW<br>KWF<br>KWA<br>KWAf | 30     | D63L2 |                          |        |       |                          |    |       |
| 118                                                      | 25                                                      | 22.50                 | 2460                                                    | 2.3                                             |                          |        |       |                          |        |       |                          |    |       |
| 133                                                      | 24                                                      | 19.89※                | 2290                                                    | 1.85                                            |                          |        |       |                          |        |       |                          |    |       |
| 145                                                      | 22                                                      | 18.24※                | 2250                                                    | 2.0                                             |                          |        |       |                          |        |       |                          |    |       |
| 171                                                      | 19                                                      | 15.53※                | 2160                                                    | 2.3                                             |                          |        |       |                          |        |       |                          |    |       |
| 198                                                      | 16                                                      | 13.39※                | 2080                                                    | 2.5                                             |                          |        |       |                          |        |       |                          |    |       |
| 212                                                      | 15                                                      | 12.48※                | 2040                                                    | 2.7                                             |                          |        |       |                          |        |       |                          |    |       |
| 243                                                      | 13                                                      | 10.91※                | 1970                                                    | 3.0                                             |                          |        |       |                          |        |       |                          |    |       |
| 259                                                      | 12                                                      | 10.23※                | 1940                                                    | 3.1                                             |                          |        |       |                          |        |       |                          |    |       |
| 294                                                      | 11                                                      | 9.02※                 | 1870                                                    | 3.3                                             |                          |        |       |                          |        |       |                          |    |       |
| 0.55kW                                                   |                                                         |                       |                                                         |                                                 |                          |        |       |                          |        |       |                          |    |       |
| 1.0                                                      | 2810                                                    | 1332                  | 25400                                                   | 0.90                                            | KW<br>KWF<br>KWA<br>KWAf | 80 H50 | D80K4 |                          |        |       |                          |    |       |
| 1.1                                                      | 2540                                                    | 1191                  | 27400                                                   | 1.00                                            |                          |        |       |                          |        |       |                          |    |       |
| 1.3                                                      | 2210                                                    | 1032                  | 28100                                                   | 1.15                                            |                          |        |       |                          |        |       |                          |    |       |
| 1.5                                                      | 2040                                                    | 930                   | 28400                                                   | 1.25                                            |                          |        |       |                          |        |       |                          |    |       |
| 1.6                                                      | 1840                                                    | 831                   | 28700                                                   | 1.35                                            |                          |        |       |                          |        |       |                          |    |       |
| 1.9                                                      | 1600                                                    | 719                   | 29000                                                   | 1.55                                            |                          |        |       |                          |        |       |                          |    |       |
| 2.2                                                      | 1400                                                    | 624                   | 29300                                                   | 1.80                                            |                          |        |       |                          |        |       |                          |    |       |
| 2.4                                                      | 1270                                                    | 558                   | 29400                                                   | 1.95                                            |                          |        |       |                          |        |       |                          |    |       |
| 3.1                                                      | 1010                                                    | 435                   | 29700                                                   | 2.4                                             |                          |        |       |                          |        |       |                          |    |       |
|                                                          |                                                         |                       |                                                         |                                                 |                          |        |       |                          |        |       |                          |    |       |
| 2.7                                                      | 1380                                                    | 499                   | 6920                                                    | 0.90                                            | KW<br>KWF<br>KWA<br>KWAf | 70 H30 | D80K4 |                          |        |       |                          |    |       |
| 3.1                                                      | 1210                                                    | 438                   | 12300                                                   | 1.05                                            |                          |        |       |                          |        |       |                          |    |       |
| 3.5                                                      | 1070                                                    | 389                   | 13300                                                   | 1.15                                            |                          |        |       |                          |        |       |                          |    |       |
| 4.2                                                      | 910                                                     | 327                   | 14300                                                   | 1.35                                            |                          |        |       |                          |        |       |                          |    |       |
| 4.7                                                      | 820                                                     | 289                   | 14800                                                   | 1.50                                            |                          |        |       |                          |        |       |                          |    |       |
| 5.4                                                      | 710                                                     | 250                   | 15300                                                   | 1.75                                            |                          |        |       |                          |        |       |                          |    |       |
|                                                          |                                                         |                       |                                                         |                                                 |                          |        |       |                          |        |       |                          |    |       |
| 5.5                                                      | 650                                                     | 246                   | 6600                                                    | 0.90                                            |                          |        |       | KW<br>KWF<br>KWA<br>KWAf | 60 H30 | D80K4 |                          |    |       |
| 6.2                                                      | 580                                                     | 221                   | 8080                                                    | 1.00                                            |                          |        |       |                          |        |       |                          |    |       |
| 6.9                                                      | 530                                                     | 198                   | 8590                                                    | 1.10                                            |                          |        |       |                          |        |       |                          |    |       |
| 8.1                                                      | 455                                                     | 168                   | 9230                                                    | 1.25                                            |                          |        |       |                          |        |       |                          |    |       |
|                                                          |                                                         |                       |                                                         |                                                 |                          |        |       |                          |        |       |                          |    |       |
| 2.4                                                      | 1450                                                    | 288.00                | 29200                                                   | 1.70                                            | KW<br>KWF<br>KWA<br>KWAf | 80     | D90L8 |                          |        |       |                          |    |       |
| 2.6                                                      | 1320                                                    | 258.18                | 29400                                                   | 1.85                                            |                          |        |       |                          |        |       |                          |    |       |
| 3.1                                                      | 1150                                                    | 222.40                | 29600                                                   | 2.1                                             |                          |        |       |                          |        |       |                          |    |       |
|                                                          |                                                         |                       |                                                         |                                                 |                          |        |       |                          |        |       |                          |    |       |
| 3.1                                                      | 1130                                                    | 288.00                | 29600                                                   | 2.2                                             |                          |        |       |                          |        |       | KW<br>KWF<br>KWA<br>KWAf | 80 | D80N6 |
| 3.5                                                      | 1020                                                    | 258.18                | 29700                                                   | 2.4                                             |                          |        |       |                          |        |       |                          |    |       |
| 4.1                                                      | 900                                                     | 222.40                | 29800                                                   | 2.7                                             |                          |        |       |                          |        |       |                          |    |       |
| 4.4                                                      | 820                                                     | 202.96                | 29800                                                   | 2.9                                             |                          |        |       |                          |        |       |                          |    |       |
|                                                          |                                                         |                       |                                                         |                                                 |                          |        |       |                          |        |       |                          |    |       |
| 3.0                                                      | 1090                                                    | 225.26                | 13200                                                   | 1.15                                            |                          |        |       | KW<br>KWF<br>KWA<br>KWAf | 70     | D90L8 |                          |    |       |
| 3.2                                                      | 1040                                                    | 214.00                | 13500                                                   | 1.20                                            |                          |        |       |                          |        |       |                          |    |       |
| 3.6                                                      | 930                                                     | 189.09                | 14200                                                   | 1.35                                            |                          |        |       |                          |        |       |                          |    |       |
| 4.2                                                      | 810                                                     | 161.60                | 14900                                                   | 1.55                                            |                          |        |       |                          |        |       |                          |    |       |
|                                                          |                                                         |                       |                                                         |                                                 |                          |        |       |                          |        |       |                          |    |       |
| 3.5                                                      | 960                                                     | 256.47                | 14100                                                   | 1.35                                            | KW<br>KWF<br>KWA<br>KWAf | 70     | D80N6 |                          |        |       |                          |    |       |
| 4.0                                                      | 850                                                     | 225.26                | 14700                                                   | 1.50                                            |                          |        |       |                          |        |       |                          |    |       |
| 4.2                                                      | 810                                                     | 214.00                | 14800                                                   | 1.55                                            |                          |        |       |                          |        |       |                          |    |       |
| 4.8                                                      | 730                                                     | 189.09                | 15200                                                   | 1.75                                            |                          |        |       |                          |        |       |                          |    |       |
| 5.6                                                      | 635                                                     | 161.60                | 15600                                                   | 2.0                                             |                          |        |       |                          |        |       |                          |    |       |



| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model             |                      |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------------------|----------------------|
| 0.55kW                                                   |                                                         |                       |                                                         |                                                 |                          |                      |
| 44                                                       | 94                                                      | 30.68                 | 2680                                                    | 0.80                                            | KW<br>KWF<br>KWA<br>KWAf | 30<br>30<br>30<br>30 |
| 47                                                       | 89                                                      | 28.76                 | 2670                                                    | 0.85                                            |                          |                      |
| 54                                                       | 79                                                      | 25.38                 | 2630                                                    | 0.95                                            |                          |                      |
| 60                                                       | 70                                                      | 22.50                 | 2600                                                    | 1.05                                            |                          |                      |
| 71                                                       | 60                                                      | 19.13                 | 2540                                                    | 1.20                                            |                          |                      |
| 88                                                       | 53                                                      | 15.53 *               | 2230                                                    | 0.95                                            |                          |                      |
| 102                                                      | 46                                                      | 13.39 *               | 2200                                                    | 1.10                                            |                          |                      |
| 109                                                      | 43                                                      | 12.48 *               | 2180                                                    | 1.15                                            |                          |                      |
| 125                                                      | 37                                                      | 10.91 *               | 2130                                                    | 1.30                                            |                          |                      |
| 133                                                      | 35                                                      | 10.23 *               | 2110                                                    | 1.35                                            |                          |                      |
| 151                                                      | 31                                                      | 9.02 *                | 2070                                                    | 1.50                                            | KW<br>KWF<br>KWA<br>KWAf | 30<br>30<br>30<br>30 |
| 170                                                      | 28                                                      | 8.00 *                | 2020                                                    | 1.60                                            |                          |                      |
| 200                                                      | 24                                                      | 6.80 *                | 1950                                                    | 1.80                                            |                          |                      |
| 94                                                       | 46                                                      | 28.76                 | 2420                                                    | 1.40                                            |                          |                      |
| 106                                                      | 41                                                      | 25.38                 | 2360                                                    | 1.50                                            |                          |                      |
| 120                                                      | 37                                                      | 22.50                 | 2310                                                    | 1.55                                            |                          |                      |
| 136                                                      | 34                                                      | 19.89 *               | 2100                                                    | 1.30                                            |                          |                      |
| 148                                                      | 32                                                      | 18.24 *               | 2070                                                    | 1.40                                            |                          |                      |
| 174                                                      | 27                                                      | 15.53 *               | 2010                                                    | 1.55                                            |                          |                      |
| 202                                                      | 24                                                      | 13.39 *               | 1950                                                    | 1.75                                            |                          |                      |
| 216                                                      | 22                                                      | 12.48 *               | 1920                                                    | 1.85                                            | KW<br>KWF<br>KWA<br>KWAf | 30<br>30<br>30<br>30 |
| 248                                                      | 19                                                      | 10.91 *               | 1870                                                    | 2.0                                             |                          |                      |
| 264                                                      | 18                                                      | 10.23 *               | 1840                                                    | 2.1                                             |                          |                      |
| 299                                                      | 16                                                      | 9.02 *                | 1780                                                    | 2.2                                             |                          |                      |
| 338                                                      | 14                                                      | 8.00 *                | 1730                                                    | 2.5                                             |                          |                      |
| 397                                                      | 12                                                      | 6.80 *                | 1660                                                    | 2.4                                             |                          |                      |
| 0.75kW                                                   |                                                         |                       |                                                         |                                                 |                          |                      |
| 1.1                                                      | 4840                                                    | 1223                  | 21300                                                   | 0.85                                            | KW<br>KWF<br>KWA<br>KWAf | 90 H50 D80N4         |
| 1.3                                                      | 4240                                                    | 1070                  | 30700                                                   | 1.00                                            |                          |                      |
| 1.5                                                      | 3650                                                    | 928                   | 33900                                                   | 1.15                                            |                          |                      |
| 1.7                                                      | 3230                                                    | 824                   | 34600                                                   | 1.30                                            |                          |                      |
| 1.9                                                      | 2300                                                    | 714                   | 35900                                                   | 1.85                                            |                          |                      |
| 2.2                                                      | 2450                                                    | 626                   | 35700                                                   | 1.70                                            |                          |                      |
| 2.6                                                      | 2110                                                    | 538                   | 36100                                                   | 2.0                                             |                          |                      |
| 2.8                                                      | 1900                                                    | 484                   | 36300                                                   | 2.2                                             |                          |                      |
| 1.3                                                      | 3030                                                    | 1032                  | 18700                                                   | 0.85                                            | KW<br>KWF<br>KWA<br>KWAf | 80 H50 D80N4         |
| 1.5                                                      | 2780                                                    | 930                   | 25900                                                   | 0.90                                            |                          |                      |
| 1.7                                                      | 2510                                                    | 831                   | 27500                                                   | 1.00                                            |                          |                      |
| 1.9                                                      | 2190                                                    | 719                   | 28100                                                   | 1.15                                            |                          |                      |
| 2.2                                                      | 1920                                                    | 624                   | 28600                                                   | 1.30                                            |                          |                      |
| 2.5                                                      | 1730                                                    | 558                   | 28900                                                   | 1.45                                            |                          |                      |
| 3.2                                                      | 1390                                                    | 435                   | 29300                                                   | 1.75                                            |                          |                      |
| 4.3                                                      | 1060                                                    | 323                   | 29600                                                   | 2.3                                             |                          |                      |
| 4.2                                                      | 1240                                                    | 327                   | 12000                                                   | 1.00                                            | KW<br>KWF<br>KWA<br>KWAf | 70 H30 D80N4         |
| 4.8                                                      | 1110                                                    | 289                   | 13100                                                   | 1.10                                            |                          |                      |
| 5.5                                                      | 960                                                     | 250                   | 14000                                                   | 1.30                                            |                          |                      |
| 6.3                                                      | 850                                                     | 219                   | 14700                                                   | 1.45                                            |                          |                      |
| 2.4                                                      | 2040                                                    | 286.40                | 36100                                                   | 2.1                                             | KW<br>KWF<br>KWA<br>KWAf | 90<br>90<br>90<br>90 |
| 2.6                                                      | 1890                                                    | 262.22                | 36300                                                   | 2.2                                             |                          |                      |
| 3.0                                                      | 1690                                                    | 231.67                | 36400                                                   | 2.5                                             |                          |                      |
| 3.1                                                      | 1540                                                    | 288.00                | 29100                                                   | 1.60                                            |                          |                      |
| 3.5                                                      | 1400                                                    | 258.18                | 29300                                                   | 1.75                                            | KW<br>KWF<br>KWA<br>KWAf | 80<br>80<br>80<br>80 |
| 4.1                                                      | 1220                                                    | 222.40                | 29500                                                   | 1.95                                            |                          |                      |
| 4.4                                                      | 1120                                                    | 202.96                | 29600                                                   | 2.1                                             |                          |                      |
| 4.8                                                      | 1050                                                    | 288.00                | 29600                                                   | 2.2                                             |                          |                      |
| 5.3                                                      | 950                                                     | 258.18                | 29700                                                   | 2.4                                             | KW<br>KWF<br>KWA<br>KWAf | 80<br>80<br>80<br>80 |
| 6.2                                                      | 830                                                     | 222.40                | 29800                                                   | 2.8                                             |                          |                      |
| 6.8                                                      | 765                                                     | 202.96                | 29900                                                   | 3.0                                             |                          |                      |
| 4.0                                                      | 1160                                                    | 225.26                | 12700                                                   | 1.10                                            | KW<br>KWF<br>KWA<br>KWAf | 70<br>70<br>70<br>70 |
| 4.2                                                      | 1110                                                    | 214.00                | 13100                                                   | 1.15                                            |                          |                      |
| 4.8                                                      | 990                                                     | 189.09                | 13900                                                   | 1.30                                            |                          |                      |
| 5.6                                                      | 860                                                     | 161.60                | 14600                                                   | 1.45                                            |                          |                      |
| 5.7                                                      | 840                                                     | 151.30                | 14700                                                   | 1.50                                            |                          |                      |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model             |    |       |                          |    |       |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------------------|----|-------|--------------------------|----|-------|
| 0.75kW                                                   |                                                         |                       |                                                         |                                                 |                          |    |       |                          |    |       |
| 5.4                                                      | 890                                                     | 256.47                | 14500                                                   | 1.45                                            | KW<br>KWF<br>KWA<br>KWAf | 70 | D80N4 |                          |    |       |
| 6.1                                                      | 790                                                     | 225.26                | 14900                                                   | 1.60                                            |                          |    |       |                          |    |       |
| 6.4                                                      | 755                                                     | 214.00                | 15100                                                   | 1.70                                            |                          |    |       |                          |    |       |
| 7.3                                                      | 675                                                     | 189.09                | 15400                                                   | 1.90                                            |                          |    |       |                          |    |       |
| 8.5                                                      | 585                                                     | 161.60                | 15800                                                   | 2.2                                             |                          |    |       |                          |    |       |
| 9.3                                                      | 545                                                     | 148.15                | 15900                                                   | 2.3                                             |                          |    |       |                          |    |       |
| 11                                                       | 480                                                     | 130.00                | 16000                                                   | 2.5                                             |                          |    |       |                          |    |       |
| 11                                                       | 460                                                     | 123.20                | 16000                                                   | 2.6                                             |                          |    |       |                          |    |       |
| 13                                                       | 405                                                     | 107.83                | 16000                                                   | 2.9                                             |                          |    |       |                          |    |       |
|                                                          |                                                         |                       |                                                         |                                                 |                          |    |       |                          |    |       |
| 7.3                                                      | 625                                                     | 190.11                | 7570                                                    | 0.85                                            | KW<br>KWF<br>KWA<br>KWAf | 60 | D80N4 |                          |    |       |
| 7.6                                                      | 595                                                     | 180.60                | 7900                                                    | 0.85                                            |                          |    |       |                          |    |       |
| 8.7                                                      | 530                                                     | 158.45                | 8570                                                    | 1.00                                            |                          |    |       |                          |    |       |
| 10                                                       | 460                                                     | 134.40                | 9180                                                    | 1.15                                            |                          |    |       |                          |    |       |
| 11                                                       | 420                                                     | 121.33                | 9470                                                    | 1.25                                            |                          |    |       |                          |    |       |
| 13                                                       | 375                                                     | 106.75                | 9750                                                    | 1.40                                            |                          |    |       |                          |    |       |
| 14                                                       | 355                                                     | 100.80                | 9860                                                    | 1.45                                            |                          |    |       |                          |    |       |
| 16                                                       | 305                                                     | 85.83                 | 10100                                                   | 1.70                                            |                          |    |       |                          |    |       |
| 18                                                       | 310                                                     | 75.06                 | 10100                                                   | 1.55                                            |                          |    |       |                          |    |       |
| 21                                                       | 275                                                     | 65.63                 | 10200                                                   | 1.75                                            |                          |    |       |                          |    |       |
| 22                                                       | 260                                                     | 62.35                 | 10300                                                   | 1.85                                            |                          |    |       |                          |    |       |
| 25                                                       | 230                                                     | 54.70                 | 10300                                                   | 2.1                                             |                          |    |       |                          |    |       |
| 30                                                       | 198                                                     | 46.40                 | 9840                                                    | 2.4                                             |                          |    |       |                          |    |       |
|                                                          |                                                         |                       |                                                         |                                                 |                          |    |       |                          |    |       |
| 13                                                       | 365                                                     | 71.75                 | 6430                                                    | 0.80                                            |                          |    |       | KW<br>KWF<br>KWA<br>KWAf | 50 | D90S6 |
| 13                                                       | 345                                                     | 67.20                 | 6660                                                    | 0.85                                            |                          |    |       |                          |    |       |
| 16                                                       | 295                                                     | 56.61                 | 7140                                                    | 1.00                                            |                          |    |       |                          |    |       |
| 19                                                       | 295                                                     | 47.32                 | 7150                                                    | 0.90                                            |                          |    |       |                          |    |       |
| 20                                                       | 275                                                     | 44.22                 | 7300                                                    | 1.00                                            |                          |    |       |                          |    |       |
|                                                          |                                                         |                       |                                                         |                                                 |                          |    |       |                          |    |       |
| 12                                                       | 365                                                     | 110.73                | 6400                                                    | 0.80                                            | KW<br>KWF<br>KWA<br>KWAf | 50 | D80N4 |                          |    |       |
| 15                                                       | 315                                                     | 94.08                 | 6930                                                    | 0.95                                            |                          |    |       |                          |    |       |
| 16                                                       | 285                                                     | 84.00                 | 7210                                                    | 1.05                                            |                          |    |       |                          |    |       |
| 19                                                       | 250                                                     | 71.75                 | 7500                                                    | 1.15                                            |                          |    |       |                          |    |       |
| 21                                                       | 235                                                     | 67.20                 | 7590                                                    | 1.20                                            |                          |    |       |                          |    |       |
| 25                                                       | 225                                                     | 54.59                 | 7650                                                    | 1.10                                            |                          |    |       |                          |    |       |
| 29                                                       | 197                                                     | 47.32                 | 7810                                                    | 1.25                                            |                          |    |       |                          |    |       |
| 31                                                       | 185                                                     | 44.22                 | 7870                                                    | 1.35                                            |                          |    |       |                          |    |       |
| 36                                                       | 161                                                     | 38.23                 | 7980                                                    | 1.50                                            |                          |    |       |                          |    |       |
| 42                                                       | 138                                                     | 32.48                 | 7670                                                    | 1.80                                            |                          |    |       |                          |    |       |
| 48                                                       | 124                                                     | 29.00                 | 7450                                                    | 2.0                                             |                          |    |       |                          |    |       |
| 56                                                       | 107                                                     | 24.77                 | 7150                                                    | 2.3                                             |                          |    |       |                          |    |       |
| 59                                                       | 100                                                     | 23.20                 | 7030                                                    | 2.5                                             |                          |    |       |                          |    |       |
| 68                                                       | 93                                                      | 20.33※                | 6490                                                    | 1.80                                            |                          |    |       |                          |    |       |
| 78                                                       | 81                                                      | 17.62※                | 6260                                                    | 2.1                                             |                          |    |       |                          |    |       |
| 84                                                       | 76                                                      | 16.47※                | 6160                                                    | 2.2                                             |                          |    |       |                          |    |       |
| 97                                                       | 66                                                      | 14.24※                | 5930                                                    | 2.6                                             |                          |    |       |                          |    |       |
|                                                          |                                                         |                       |                                                         |                                                 |                          |    |       |                          |    |       |
| 29                                                       | 194                                                     | 47.32                 | 4530                                                    | 0.80                                            | KW<br>KWF<br>KWA<br>KWAf | 40 | D80N4 |                          |    |       |
| 31                                                       | 182                                                     | 44.22                 | 4500                                                    | 0.85                                            |                          |    |       |                          |    |       |
| 36                                                       | 159                                                     | 38.23                 | 4420                                                    | 1.00                                            |                          |    |       |                          |    |       |
| 42                                                       | 136                                                     | 32.48                 | 4310                                                    | 1.15                                            |                          |    |       |                          |    |       |
| 48                                                       | 122                                                     | 29.00                 | 4230                                                    | 1.25                                            |                          |    |       |                          |    |       |
|                                                          |                                                         |                       |                                                         |                                                 |                          |    |       |                          |    |       |
| 56                                                       | 106                                                     | 24.77                 | 4110                                                    | 1.45                                            | KW<br>KWF<br>KWA<br>KWAf | 40 | D80N4 |                          |    |       |
| 59                                                       | 99                                                      | 23.20                 | 4060                                                    | 1.55                                            |                          |    |       |                          |    |       |
| 68                                                       | 93                                                      | 20.33※                | 3610                                                    | 1.20                                            |                          |    |       |                          |    |       |
| 78                                                       | 81                                                      | 17.62※                | 3530                                                    | 1.35                                            |                          |    |       |                          |    |       |
| 84                                                       | 76                                                      | 16.47※                | 3490                                                    | 1.45                                            |                          |    |       |                          |    |       |
| 97                                                       | 66                                                      | 14.24※                | 3410                                                    | 1.65                                            |                          |    |       |                          |    |       |
| 114                                                      | 56                                                      | 12.10※                | 3300                                                    | 1.95                                            |                          |    |       |                          |    |       |
| 128                                                      | 50                                                      | 10.80※                | 3230                                                    | 2.2                                             |                          |    |       |                          |    |       |
| 150                                                      | 43                                                      | 9.23※                 | 3120                                                    | 2.5                                             |                          |    |       |                          |    |       |
| 160                                                      | 41                                                      | 8.64※                 | 3070                                                    | 2.7                                             |                          |    |       |                          |    |       |
| 190                                                      | 34                                                      | 7.28※                 | 2950                                                    | 3.0                                             |                          |    |       |                          |    |       |
|                                                          |                                                         |                       |                                                         |                                                 |                          |    |       |                          |    |       |
| 72                                                       | 81                                                      | 19.13                 | 2270                                                    | 0.85                                            |                          |    |       | KW<br>KWF<br>KWA<br>KWAf | 30 | D80N4 |
| 111                                                      | 57                                                      | 12.48※                | 1930                                                    | 0.85                                            |                          |    |       |                          |    |       |
| 127                                                      | 50                                                      | 10.91※                | 1920                                                    | 0.95                                            |                          |    |       |                          |    |       |
| 135                                                      | 47                                                      | 10.23※                | 1910                                                    | 1.00                                            |                          |    |       |                          |    |       |
| 153                                                      | 42                                                      | 9.02※                 | 1890                                                    | 1.10                                            |                          |    |       |                          |    |       |
| 173                                                      | 37                                                      | 8.00※                 | 1860                                                    | 1.20                                            |                          |    |       |                          |    |       |
| 203                                                      | 32                                                      | 6.80※                 | 1820                                                    | 1.35                                            |                          |    |       |                          |    |       |

注：带※速比产品在改进中，订货前需沟通

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model             |    |           |                          |    |           |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------------------|----|-----------|--------------------------|----|-----------|
| 0.75kW                                                   |                                                         |                       |                                                         |                                                 |                          |    |           |                          |    |           |
| 141                                                      | 43                                                      | 19.13                 | 2090                                                    | 1.05                                            | KW<br>KWF<br>KWA<br>KWAf | 30 | D80K2     |                          |    |           |
| 174                                                      | 37                                                      | 15.53 *               | 1860                                                    | 1.15                                            |                          |    |           |                          |    |           |
| 202                                                      | 32                                                      | 13.39 *               | 1820                                                    | 1.30                                            |                          |    |           |                          |    |           |
| 216                                                      | 30                                                      | 12.48 *               | 1800                                                    | 1.35                                            |                          |    |           |                          |    |           |
| 248                                                      | 26                                                      | 10.91 *               | 1760                                                    | 1.50                                            |                          |    |           |                          |    |           |
| 264                                                      | 25                                                      | 10.23 *               | 1740                                                    | 1.55                                            |                          |    |           |                          |    |           |
| 299                                                      | 22                                                      | 9.02 *                | 1690                                                    | 1.65                                            |                          |    |           |                          |    |           |
| 338                                                      | 19                                                      | 8.00 *                | 1650                                                    | 1.80                                            |                          |    |           |                          |    |           |
| 397                                                      | 17                                                      | 6.80 *                | 1590                                                    | 1.75                                            |                          |    |           |                          |    |           |
| 1.1kW                                                    |                                                         |                       |                                                         |                                                 |                          |    |           |                          |    |           |
| 1.7                                                      | 4720                                                    | 824                   | 23300                                                   | 0.90                                            | KW<br>KWF<br>KWA<br>KWAf | 90 | H50 D90S4 |                          |    |           |
| 2.0                                                      | 3370                                                    | 714                   | 34400                                                   | 1.25                                            |                          |    |           |                          |    |           |
| 2.2                                                      | 3590                                                    | 626                   | 34000                                                   | 1.15                                            |                          |    |           |                          |    |           |
| 2.6                                                      | 3090                                                    | 538                   | 34800                                                   | 1.35                                            |                          |    |           |                          |    |           |
| 2.9                                                      | 2790                                                    | 484                   | 35200                                                   | 1.50                                            |                          |    |           |                          |    |           |
| 3.3                                                      | 2430                                                    | 420                   | 35700                                                   | 1.75                                            |                          |    |           |                          |    |           |
|                                                          |                                                         |                       |                                                         |                                                 |                          |    |           |                          |    |           |
| 2.2                                                      | 2820                                                    | 624                   | 25400                                                   | 0.90                                            |                          |    |           | KW<br>KWF<br>KWA<br>KWAf | 80 | H50 D90S4 |
| 2.5                                                      | 2550                                                    | 558                   | 27400                                                   | 1.00                                            |                          |    |           |                          |    |           |
| 2.9                                                      | 2240                                                    | 485                   | 28000                                                   | 1.10                                            |                          |    |           |                          |    |           |
| 3.2                                                      | 2040                                                    | 435                   | 28400                                                   | 1.20                                            |                          |    |           |                          |    |           |
| 3.7                                                      | 1790                                                    | 378                   | 28800                                                   | 1.35                                            |                          |    |           |                          |    |           |
| 4.3                                                      | 1560                                                    | 323                   | 29100                                                   | 1.55                                            |                          |    |           |                          |    |           |
| 5.0                                                      | 1370                                                    | 281                   | 29300                                                   | 1.75                                            |                          |    |           |                          |    |           |
| 5.5                                                      | 1460                                                    | 255                   | 29200                                                   | 1.35                                            |                          |    |           |                          |    |           |
| 6.3                                                      | 1280                                                    | 222                   | 29400                                                   | 1.55                                            |                          |    |           |                          |    |           |
| 6.8                                                      | 1200                                                    | 205                   | 29500                                                   | 1.65                                            |                          |    |           |                          |    |           |
|                                                          |                                                         |                       |                                                         |                                                 |                          |    |           |                          |    |           |
| 6.4                                                      | 1240                                                    | 219                   | 12000                                                   | 1.00                                            | KW                       | 70 | H30D90S4  |                          |    |           |
|                                                          |                                                         |                       |                                                         |                                                 | KWF                      | 70 | H30D90S4  |                          |    |           |
|                                                          |                                                         |                       |                                                         |                                                 | KWA                      | 70 | H30D90S4  |                          |    |           |
|                                                          |                                                         |                       |                                                         |                                                 | KWAf                     | 70 | H30D90S4  |                          |    |           |
|                                                          |                                                         |                       |                                                         |                                                 |                          |    |           |                          |    |           |
| 2.4                                                      | 3030                                                    | 286.40                | 34900                                                   | 1.40                                            | KW                       | 90 | D100L8    |                          |    |           |
| 2.6                                                      | 2800                                                    | 262.22                | 35200                                                   | 1.50                                            | KWF                      | 90 | D100L8    |                          |    |           |
| 2.9                                                      | 2500                                                    | 231.67                | 35600                                                   | 1.70                                            | KWA                      | 90 | D100L8    |                          |    |           |
| 3.5                                                      | 2160                                                    | 196.52                | 36000                                                   | 1.95                                            | KWAf                     | 90 | D100L8    |                          |    |           |
|                                                          |                                                         |                       |                                                         |                                                 |                          |    |           |                          |    |           |
| 3.2                                                      | 2310                                                    | 286.40                | 35900                                                   | 1.80                                            | KW                       | 90 | D90L6     |                          |    |           |
| 3.5                                                      | 2130                                                    | 262.22                | 36000                                                   | 1.95                                            | KWF                      | 90 | D90L6     |                          |    |           |
| 4.0                                                      | 1900                                                    | 231.67                | 36300                                                   | 2.2                                             | KWA                      | 90 | D90L6     |                          |    |           |
|                                                          |                                                         |                       |                                                         |                                                 | KWAf                     | 90 | D90L6     |                          |    |           |
|                                                          |                                                         |                       |                                                         |                                                 |                          |    |           |                          |    |           |
| 3.2                                                      | 2220                                                    | 288.00                | 28100                                                   | 1.10                                            | KW                       | 80 | D90L6     |                          |    |           |
| 3.6                                                      | 2010                                                    | 258.18                | 28400                                                   | 1.20                                            | KWF                      | 80 | D90L6     |                          |    |           |
| 4.1                                                      | 1760                                                    | 222.40                | 28800                                                   | 1.35                                            | KWA                      | 80 | D90L6     |                          |    |           |
| 4.5                                                      | 1620                                                    | 202.96                | 29000                                                   | 1.45                                            | KWAf                     | 80 | D90L6     |                          |    |           |
|                                                          |                                                         |                       |                                                         |                                                 |                          |    |           |                          |    |           |
| 4.9                                                      | 1520                                                    | 288.00                | 29100                                                   | 1.50                                            | KW<br>KWF<br>KWA<br>KWAf | 80 | D90S4     |                          |    |           |
| 5.4                                                      | 1370                                                    | 258.18                | 29300                                                   | 1.65                                            |                          |    |           |                          |    |           |
| 6.3                                                      | 1200                                                    | 222.40                | 29500                                                   | 1.90                                            |                          |    |           |                          |    |           |
| 6.9                                                      | 1100                                                    | 202.96                | 29600                                                   | 2.0                                             |                          |    |           |                          |    |           |
| 7.8                                                      | 990                                                     | 180.00                | 29700                                                   | 2.2                                             |                          |    |           |                          |    |           |
| 9.2                                                      | 840                                                     | 151.30                | 29800                                                   | 2.5                                             |                          |    |           |                          |    |           |
|                                                          |                                                         |                       |                                                         |                                                 |                          |    |           |                          |    |           |
| 6.2                                                      | 1150                                                    | 225.26                | 12800                                                   | 1.10                                            |                          |    |           | KW<br>KWF<br>KWA<br>KWAf | 70 | D90S4     |
| 6.5                                                      | 1100                                                    | 214.00                | 13200                                                   | 1.15                                            |                          |    |           |                          |    |           |
| 7.4                                                      | 980                                                     | 189.09                | 13900                                                   | 1.30                                            |                          |    |           |                          |    |           |
| 8.7                                                      | 850                                                     | 161.60                | 14700                                                   | 1.50                                            |                          |    |           |                          |    |           |
| 9.4                                                      | 785                                                     | 148.15                | 15000                                                   | 1.60                                            |                          |    |           |                          |    |           |
| 11                                                       | 695                                                     | 130.00                | 15400                                                   | 1.75                                            |                          |    |           |                          |    |           |
| 11                                                       | 665                                                     | 123.20                | 15500                                                   | 1.80                                            |                          |    |           |                          |    |           |
| 13                                                       | 585                                                     | 107.83                | 15800                                                   | 2.0                                             |                          |    |           |                          |    |           |
| 14                                                       | 535                                                     | 97.14                 | 15900                                                   | 2.1                                             |                          |    |           |                          |    |           |
| 16                                                       | 470                                                     | 85.22                 | 16000                                                   | 2.3                                             |                          |    |           |                          |    |           |



| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model |           |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------|-----------|
| 1.5kW                                                    |                                                         |                       |                                                         |                                                 |              |           |
| 2.4                                                      | 4030                                                    | 286.40                | 33100                                                   | 1.05                                            | KW           | 90 D112M8 |
| 2.7                                                      | 3720                                                    | 262.22                | 33700                                                   | 1.15                                            | KWF          | 90 D112M8 |
| 3.0                                                      | 3330                                                    | 231.67                | 34400                                                   | 1.25                                            | KWA          | 90 D112M8 |
| 3.6                                                      | 2870                                                    | 196.52                | 35200                                                   | 1.45                                            | KWAF         | 90 D112M8 |
| 3.2                                                      | 3150                                                    | 286.40                | 34700                                                   | 1.35                                            | KW           | 90 D100M6 |
| 3.5                                                      | 2910                                                    | 262.22                | 35100                                                   | 1.45                                            | KWF          | 90 D100M6 |
| 4.0                                                      | 2600                                                    | 231.67                | 35500                                                   | 1.60                                            | KWA          | 90 D100M6 |
| 4.7                                                      | 2230                                                    | 196.52                | 35900                                                   | 1.90                                            | KWAF         | 90 D100M6 |
| 4.9                                                      | 2130                                                    | 286.40                | 36000                                                   | 1.90                                            | KW           | 90 D90L4  |
| 5.4                                                      | 1970                                                    | 262.22                | 36200                                                   | 2.0                                             | KWF          | 90 D90L4  |
| 6.1                                                      | 1760                                                    | 231.67                | 36400                                                   | 2.3                                             | KWA          | 90 D90L4  |
| 7.2                                                      | 1510                                                    | 196.52                | 36600                                                   | 2.7                                             | KWAF         | 90 D90L4  |
| 3.6                                                      | 2740                                                    | 258.18                | 26600                                                   | 0.90                                            | KW           | 80 D100M6 |
| 4.1                                                      | 2390                                                    | 222.40                | 27700                                                   | 1.00                                            | KWF          | 80 D100M6 |
| 4.5                                                      | 2200                                                    | 202.96                | 28100                                                   | 1.10                                            | KWA          | 80 D100M6 |
| 5.1                                                      | 1980                                                    | 180.00                | 28500                                                   | 1.20                                            | KWAF         | 80 D100M6 |
| 4.9                                                      | 2060                                                    | 288.00                | 28300                                                   | 1.10                                            |              |           |
| 5.5                                                      | 1860                                                    | 258.18                | 28700                                                   | 1.20                                            |              |           |
| 6.3                                                      | 1630                                                    | 222.40                | 29000                                                   | 1.40                                            |              |           |
| 6.9                                                      | 1500                                                    | 202.96                | 29200                                                   | 1.50                                            | KW           | 80 D90L4  |
| 7.8                                                      | 1340                                                    | 180.00                | 29400                                                   | 1.65                                            | KWF          | 80 D90L4  |
| 9.3                                                      | 1140                                                    | 151.30                | 29600                                                   | 1.90                                            | KWA          | 80 D90L4  |
| 10                                                       | 1060                                                    | 139.05                | 29600                                                   | 2.0                                             | KWAF         | 80 D90L4  |
| 11                                                       | 950                                                     | 123.48                | 29700                                                   | 2.2                                             |              |           |
| 13                                                       | 850                                                     | 110.40                | 29800                                                   | 2.3                                             |              |           |
| 14                                                       | 770                                                     | 99.26                 | 29900                                                   | 2.5                                             |              |           |
| 7.5                                                      | 1330                                                    | 189.09                | 10600                                                   | 0.95                                            |              |           |
| 8.7                                                      | 1150                                                    | 161.60                | 12700                                                   | 1.10                                            |              |           |
| 9.5                                                      | 1060                                                    | 148.15                | 13400                                                   | 1.15                                            |              |           |
| 11                                                       | 940                                                     | 130.00                | 14100                                                   | 1.30                                            |              |           |
| 11                                                       | 900                                                     | 123.20                | 14400                                                   | 1.35                                            |              |           |
| 13                                                       | 795                                                     | 107.83                | 14900                                                   | 1.45                                            |              |           |
| 15                                                       | 725                                                     | 97.14                 | 15300                                                   | 1.60                                            | KW           | 70 D90L4  |
| 17                                                       | 640                                                     | 85.22                 | 15400                                                   | 1.70                                            | KWF          | 70 D90L4  |
| 19                                                       | 650                                                     | 75.09                 | 14100                                                   | 1.70                                            | KWA          | 70 D90L4  |
| 20                                                       | 620                                                     | 71.33                 | 14000                                                   | 1.80                                            | KWAF         | 70 D90L4  |
| 21                                                       | 510                                                     | 66.67                 | 14600                                                   | 2.0                                             |              |           |
| 22                                                       | 550                                                     | 63.03                 | 13700                                                   | 2.0                                             |              |           |
| 25                                                       | 440                                                     | 56.92                 | 14000                                                   | 2.3                                             |              |           |
| 26                                                       | 470                                                     | 53.87                 | 13200                                                   | 2.3                                             |              |           |
| 29                                                       | 435                                                     | 49.38                 | 13000                                                   | 2.5                                             |              |           |
| 33                                                       | 385                                                     | 43.33                 | 12600                                                   | 2.9                                             |              |           |
| 16                                                       | 600                                                     | 85.83                 | 7850                                                    | 0.85                                            | KW           | 60 D90L4  |
| 18                                                       | 550                                                     | 78.00                 | 8390                                                    | 0.95                                            | KWF          | 60 D90L4  |
| 21                                                       | 540                                                     | 65.63                 | 8510                                                    | 0.90                                            | KWA          | 60 D90L4  |
|                                                          |                                                         |                       |                                                         |                                                 | KWAF         | 60 D90L4  |
| 23                                                       | 515                                                     | 62.35                 | 8740                                                    | 0.95                                            |              |           |
| 26                                                       | 455                                                     | 54.70                 | 8810                                                    | 1.05                                            |              |           |
| 30                                                       | 390                                                     | 46.40                 | 8590                                                    | 1.25                                            |              |           |
| 34                                                       | 355                                                     | 41.89                 | 8450                                                    | 1.35                                            |              |           |
| 38                                                       | 310                                                     | 36.85                 | 8250                                                    | 1.55                                            |              |           |
| 41                                                       | 295                                                     | 34.80                 | 8160                                                    | 1.60                                            | KW           | 60 D90L4  |
| 48                                                       | 255                                                     | 29.63                 | 7900                                                    | 1.90                                            | KWF          | 60 D90L4  |
| 52                                                       | 230                                                     | 26.93                 | 7740                                                    | 2.1                                             | KWA          | 60 D90L4  |
| 58                                                       | 220                                                     | 24.44                 | 7000                                                    | 1.55                                            | KWAF         | 60 D90L4  |
| 61                                                       | 210                                                     | 23.22※                | 6950                                                    | 1.60                                            |              |           |
| 69                                                       | 186                                                     | 20.37※                | 6790                                                    | 1.85                                            |              |           |
| 82                                                       | 159                                                     | 17.28※                | 6580                                                    | 2.1                                             |              |           |
| 90                                                       | 144                                                     | 15.60※                | 6440                                                    | 2.4                                             |              |           |
| 103                                                      | 127                                                     | 13.73※                | 6260                                                    | 2.7                                             |              |           |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model |        |        |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------|--------|--------|
| 1.5kW                                                    |                                                         |                       |                                                         |                                                 |              |        |        |
| 43                                                       | 270                                                     | 32.48                 | 6630                                                    | 0.90                                            |              |        |        |
| 49                                                       | 245                                                     | 29.00                 | 6520                                                    | 1.00                                            |              |        |        |
| 57                                                       | 210                                                     | 24.77                 | 6340                                                    | 1.15                                            |              |        |        |
| 61                                                       | 196                                                     | 23.20                 | 6270                                                    | 1.25                                            |              |        |        |
| 72                                                       | 167                                                     | 19.54                 | 6060                                                    | 1.30                                            | KW           | 50     | D90L4  |
| 80                                                       | 159                                                     | 17.62 ※               | 5430                                                    | 1.05                                            | KWF          | 50     | D90L4  |
| 86                                                       | 149                                                     | 16.47 ※               | 5380                                                    | 1.15                                            | KWA          | 50     | D90L4  |
| 99                                                       | 129                                                     | 14.24 ※               | 5250                                                    | 1.30                                            | KWAF         | 50     | D90L4  |
| 117                                                      | 110                                                     | 12.10                 | 5100                                                    | 1.55                                            |              |        |        |
| 131                                                      | 99                                                      | 10.80 ※               | 4980                                                    | 1.70                                            |              |        |        |
| 153                                                      | 85                                                      | 9.23 ※                | 4820                                                    | 2.0                                             |              |        |        |
|                                                          |                                                         |                       |                                                         |                                                 |              |        |        |
| 99                                                       | 129                                                     | 14.24 ※               | 2610                                                    | 0.85                                            | KW           | 40     | D90L4  |
| 117                                                      | 110                                                     | 12.10 ※               | 2620                                                    | 1.00                                            | KWF          | 40     | D90L4  |
| 131                                                      | 99                                                      | 10.80 ※               | 2620                                                    | 1.10                                            | KWA          | 40     | D90L4  |
|                                                          |                                                         |                       |                                                         |                                                 | KWAF         | 40     | D90L4  |
|                                                          |                                                         |                       |                                                         |                                                 |              |        |        |
| 153                                                      | 85                                                      | 9.23 ※                | 2590                                                    | 1.30                                            | KW           | 40     | D90L4  |
| 163                                                      | 79                                                      | 8.64 ※                | 2580                                                    | 1.35                                            | KWF          | 40     | D90L4  |
| 194                                                      | 67                                                      | 7.28 ※                | 2530                                                    | 1.55                                            | KWA          | 40     | D90L4  |
|                                                          |                                                         |                       |                                                         |                                                 | KWAF         | 40     | D90L4  |
|                                                          |                                                         |                       |                                                         |                                                 |              |        |        |
| 299                                                      | 44                                                      | 9.02 ※                | 1330                                                    | 0.85                                            | KW           | 30     | D90S2  |
| 338                                                      | 39                                                      | 8.00 ※                | 1350                                                    | 0.90                                            | KWF          | 30     | D90S2  |
| 397                                                      | 33                                                      | 6.80 ※                | 1340                                                    | 0.90                                            | KWA          | 30     | D90S2  |
|                                                          |                                                         |                       |                                                         |                                                 | KWAF         | 30     | D90S2  |
|                                                          |                                                         |                       |                                                         |                                                 |              |        |        |
| 2.2kW                                                    |                                                         |                       |                                                         |                                                 |              |        |        |
| 3.4                                                      | 4900                                                    | 420                   | 18800                                                   | 0.85                                            | KW           | 90 H50 | D100M4 |
| 3.8                                                      | 4410                                                    | 376                   | 28300                                                   | 0.95                                            | KWF          | 90 H50 | D100M4 |
| 4.3                                                      | 3870                                                    | 327                   | 33500                                                   | 1.10                                            | KWA          | 90 H50 | D100M4 |
| 4.9                                                      | 3420                                                    | 287                   | 34300                                                   | 1.25                                            | KWAF         | 90 H50 | D100M4 |
| 5.6                                                      | 3000                                                    | 252                   | 35000                                                   | 1.40                                            |              |        |        |
|                                                          |                                                         |                       |                                                         |                                                 |              |        |        |
| 3.3                                                      | 4530                                                    | 286.40                | 30200                                                   | 0.95                                            | KW           | 90     | D112M6 |
| 3.6                                                      | 4180                                                    | 262.22                | 32800                                                   | 1.00                                            | KWF          | 90     | D112M6 |
| 4.1                                                      | 3730                                                    | 231.67                | 33700                                                   | 1.15                                            | KWA          | 90     | D112M6 |
| 4.8                                                      | 3210                                                    | 196.52                | 34600                                                   | 1.30                                            | KWAF         | 90     | D112M6 |
|                                                          |                                                         |                       |                                                         |                                                 |              |        |        |
| 4.9                                                      | 3130                                                    | 286.40                | 34800                                                   | 1.30                                            |              |        |        |
| 5.4                                                      | 2890                                                    | 262.22                | 35100                                                   | 1.40                                            |              |        |        |
| 6.1                                                      | 2570                                                    | 231.67                | 35500                                                   | 1.55                                            |              |        |        |
| 7.2                                                      | 2210                                                    | 196.52                | 36000                                                   | 1.80                                            |              |        |        |
| 7.8                                                      | 2050                                                    | 180.95                | 36100                                                   | 1.90                                            | KW           | 90     | D100M4 |
| 8.7                                                      | 1840                                                    | 161.74                | 36300                                                   | 2.1                                             | KWF          | 90     | D100M4 |
| 9.7                                                      | 1670                                                    | 145.60                | 36500                                                   | 2.2                                             | KWA          | 90     | D100M4 |
| 11                                                       | 1520                                                    | 131.85                | 36600                                                   | 2.4                                             | KWAF         | 90     | D100M4 |
| 12                                                       | 1360                                                    | 116.92                | 36700                                                   | 2.6                                             |              |        |        |
| 13                                                       | 1240                                                    | 105.71                | 36800                                                   | 2.8                                             |              |        |        |
| 16                                                       | 1060                                                    | 89.60                 | 36900                                                   | 3.1                                             |              |        |        |
|                                                          |                                                         |                       |                                                         |                                                 |              |        |        |
| 5.5                                                      | 2730                                                    | 258.18                | 26800                                                   | 0.85                                            |              |        |        |
| 6.3                                                      | 2380                                                    | 222.40                | 27700                                                   | 0.95                                            |              |        |        |
| 6.9                                                      | 2190                                                    | 202.96                | 28100                                                   | 1.05                                            |              |        |        |
| 7.8                                                      | 1970                                                    | 180.00                | 28500                                                   | 1.10                                            |              |        |        |
| 9.3                                                      | 1680                                                    | 151.30                | 28900                                                   | 1.30                                            |              |        |        |
| 10                                                       | 1550                                                    | 139.05                | 29100                                                   | 1.35                                            | KW           | 80     | D100M4 |
| 11                                                       | 1390                                                    | 123.48                | 29300                                                   | 1.50                                            | KWF          | 80     | D100M4 |
| 13                                                       | 1250                                                    | 110.40                | 29500                                                   | 1.60                                            | KWA          | 80     | D100M4 |
| 14                                                       | 1130                                                    | 99.26                 | 29600                                                   | 1.75                                            | KWAF         | 80     | D100M4 |
| 16                                                       | 990                                                     | 86.15                 | 29700                                                   | 1.90                                            |              |        |        |
| 17                                                       | 1060                                                    | 81.76                 | 29600                                                   | 1.50                                            |              |        |        |
| 18                                                       | 890                                                     | 77.14                 | 29800                                                   | 2.0                                             |              |        |        |
| 20                                                       | 920                                                     | 70.43                 | 29700                                                   | 1.75                                            |              |        |        |
| 22                                                       | 840                                                     | 64.27                 | 29800                                                   | 1.90                                            |              |        |        |
| 25                                                       | 750                                                     | 57.00                 | 29900                                                   | 2.1                                             |              |        |        |

注：带※速比产品在改进中，订货前需沟通

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model |        |        |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------|--------|--------|
| 2.2kW                                                    |                                                         |                       |                                                         |                                                 |              |        |        |
| 11                                                       | 1390                                                    | 130.00                | 6140                                                    | 0.85                                            |              |        |        |
| 11                                                       | 1320                                                    | 123.20                | 11100                                                   | 0.90                                            |              |        |        |
| 13                                                       | 1170                                                    | 107.83                | 12600                                                   | 1.00                                            |              |        |        |
| 15                                                       | 1060                                                    | 97.14                 | 13400                                                   | 1.10                                            |              |        |        |
| 17                                                       | 940                                                     | 85.22                 | 14100                                                   | 1.15                                            |              |        |        |
| 19                                                       | 840                                                     | 75.20                 | 13800                                                   | 1.30                                            |              |        |        |
| 21                                                       | 745                                                     | 66.67                 | 13500                                                   | 1.40                                            |              |        |        |
| 22                                                       | 810                                                     | 63.03                 | 12400                                                   | 1.35                                            | KW           | 70     | D100M4 |
| 25                                                       | 645                                                     | 56.92                 | 13100                                                   | 1.55                                            | KWF          | 70     | D100M4 |
| 26                                                       | 695                                                     | 53.87                 | 12100                                                   | 1.60                                            | KWA          | 70     | D100M4 |
| 29                                                       | 635                                                     | 49.38                 | 11900                                                   | 1.75                                            | KWAF         | 70     | D100M4 |
| 33                                                       | 560                                                     | 43.33                 | 11700                                                   | 1.95                                            |              |        |        |
| 34                                                       | 535                                                     | 41.07                 | 11600                                                   | 2.1                                             |              |        |        |
| 39                                                       | 470                                                     | 35.94                 | 11300                                                   | 2.3                                             |              |        |        |
| 44                                                       | 425                                                     | 32.38                 | 11000                                                   | 2.6                                             |              |        |        |
| 50                                                       | 375                                                     | 28.41                 | 10700                                                   | 2.8                                             |              |        |        |
| 56                                                       | 330                                                     | 25.07                 | 10400                                                   | 3.1                                             |              |        |        |
| 62                                                       | 310                                                     | 22.89 *               | 9490                                                    | 2.3                                             |              |        |        |
| 67                                                       | 285                                                     | 20.99 *               | 9340                                                    | 2.5                                             |              |        |        |
|                                                          |                                                         |                       |                                                         |                                                 |              |        |        |
| 30                                                       | 570                                                     | 46.40                 | 7480                                                    | 0.85                                            |              |        |        |
| 34                                                       | 515                                                     | 41.89                 | 7440                                                    | 0.95                                            |              |        |        |
| 38                                                       | 460                                                     | 36.85                 | 7360                                                    | 1.05                                            |              |        |        |
| 41                                                       | 435                                                     | 34.80                 | 7320                                                    | 1.10                                            |              |        |        |
| 48                                                       | 370                                                     | 29.63                 | 7180                                                    | 1.30                                            |              |        |        |
| 52                                                       | 340                                                     | 26.93                 | 7080                                                    | 1.40                                            | KW           | 60     | D100M4 |
| 60                                                       | 295                                                     | 23.33                 | 6920                                                    | 1.60                                            | KWF          | 60     | D100M4 |
| 69                                                       | 275                                                     | 20.37 *               | 6060                                                    | 1.25                                            | KWA          | 60     | D100M4 |
| 82                                                       | 235                                                     | 17.28 *               | 5960                                                    | 1.45                                            | KWAF         | 60     | D100M4 |
| 90                                                       | 210                                                     | 15.60 *               | 5880                                                    | 1.60                                            |              |        |        |
| 103                                                      | 186                                                     | 13.73 *               | 5770                                                    | 1.85                                            |              |        |        |
| 109                                                      | 176                                                     | 12.96 *               | 5710                                                    | 1.95                                            |              |        |        |
| 128                                                      | 151                                                     | 11.03 *               | 5550                                                    | 2.3                                             |              |        |        |
| 141                                                      | 137                                                     | 10.03 *               | 5450                                                    | 2.5                                             |              |        |        |
| 162                                                      | 119                                                     | 8.69 *                | 5300                                                    | 2.8                                             |              |        |        |
|                                                          |                                                         |                       |                                                         |                                                 |              |        |        |
| 99                                                       | 190                                                     | 14.24 *               | 4640                                                    | 0.90                                            |              |        |        |
| 117                                                      | 162                                                     | 12.10 *               | 4580                                                    | 1.05                                            | KW           | 50     | D100M4 |
| 131                                                      | 145                                                     | 10.80 *               | 4520                                                    | 1.15                                            | KWF          | 50     | D100M4 |
| 153                                                      | 124                                                     | 9.23 *                | 4420                                                    | 1.35                                            | KWA          | 50     | D100M4 |
| 163                                                      | 117                                                     | 8.64 *                | 4380                                                    | 1.40                                            | KWAF         | 50     | D100M4 |
| 194                                                      | 99                                                      | 7.28 *                | 4250                                                    | 1.50                                            |              |        |        |
|                                                          |                                                         |                       |                                                         |                                                 |              |        |        |
| 3.0kW                                                    |                                                         |                       |                                                         |                                                 |              |        |        |
| 4.9                                                      | 4710                                                    | 287                   | 23700                                                   | 0.90                                            | KW           | 90 H50 | D100L4 |
| 5.6                                                      | 4140                                                    | 252                   | 32400                                                   | 1.00                                            | KWF          | 90 H50 | D100L4 |
| 6.4                                                      | 3620                                                    | 219                   | 33900                                                   | 1.15                                            | KWA          | 90 H50 | D100L4 |
| 6.8                                                      | 3400                                                    | 205                   | 34300                                                   | 1.25                                            | KWAF         | 90 H50 | D100L4 |
|                                                          |                                                         |                       |                                                         |                                                 |              |        |        |
| 4.9                                                      | 4290                                                    | 286.40                | 32600                                                   | 0.95                                            |              |        |        |
| 5.3                                                      | 3960                                                    | 262.22                | 33300                                                   | 1.00                                            |              |        |        |
| 6.0                                                      | 3530                                                    | 231.67                | 34100                                                   | 1.15                                            |              |        |        |
| 7.1                                                      | 3040                                                    | 196.52                | 34900                                                   | 1.30                                            |              |        |        |
| 7.7                                                      | 2810                                                    | 180.95                | 35200                                                   | 1.40                                            | KW           | 90     | D100L4 |
| 8.7                                                      | 2530                                                    | 161.74                | 35600                                                   | 1.50                                            | KWF          | 90     | D100L4 |
| 9.6                                                      | 2300                                                    | 145.60                | 35900                                                   | 1.65                                            | KWA          | 90     | D100L4 |
| 11                                                       | 2090                                                    | 131.85                | 36100                                                   | 1.75                                            | KWAF         | 90     | D100L4 |
| 12                                                       | 1870                                                    | 116.92                | 36300                                                   | 1.90                                            |              |        |        |
| 13                                                       | 1700                                                    | 105.71                | 36400                                                   | 2.0                                             |              |        |        |
| 16                                                       | 1450                                                    | 89.60                 | 36600                                                   | 2.2                                             |              |        |        |
| 17                                                       | 1470                                                    | 80.85                 | 36600                                                   | 2.2                                             |              |        |        |

注：带※速比产品在改进中，订货前需沟通

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model |        |        |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|--------------|--------|--------|
| 3.0kW                                                    |                                                         |                       |                                                         |                                                 |              |        |        |
| 7.8                                                      | 2700                                                    | 180.00                | 27100                                                   | 0.80                                            |              |        |        |
| 9.2                                                      | 2300                                                    | 151.30                | 27900                                                   | 0.95                                            |              |        |        |
| 10                                                       | 2130                                                    | 139.05                | 28200                                                   | 1.00                                            |              |        |        |
| 11                                                       | 1900                                                    | 123.48                | 28600                                                   | 1.10                                            |              |        |        |
| 13                                                       | 1720                                                    | 110.40                | 28900                                                   | 1.15                                            |              |        |        |
| 14                                                       | 1550                                                    | 99.26                 | 29100                                                   | 1.25                                            |              |        |        |
| 16                                                       | 1360                                                    | 86.15                 | 29300                                                   | 1.40                                            | KW           | 80     | D100L4 |
| 17                                                       | 1460                                                    | 81.76                 | 29200                                                   | 1.10                                            | KWF          | 80     | D100L4 |
| 18                                                       | 1230                                                    | 77.14                 | 29500                                                   | 1.50                                            | KWA          | 80     | D100L4 |
| 20                                                       | 1260                                                    | 70.43                 | 29400                                                   | 1.25                                            | KWAF         | 80     | D100L4 |
| 22                                                       | 1160                                                    | 64.27                 | 29500                                                   | 1.40                                            |              |        |        |
| 25                                                       | 1030                                                    | 57.00                 | 29700                                                   | 1.55                                            |              |        |        |
| 29                                                       | 870                                                     | 47.91                 | 29800                                                   | 1.85                                            |              |        |        |
| 32                                                       | 800                                                     | 44.03                 | 29800                                                   | 2.0                                             |              |        |        |
| 36                                                       | 715                                                     | 39.10                 | 29900                                                   | 2.2                                             |              |        |        |
| 40                                                       | 640                                                     | 34.96                 | 29900                                                   | 2.5                                             |              |        |        |
|                                                          |                                                         |                       |                                                         |                                                 |              |        |        |
| 16                                                       | 1290                                                    | 85.22                 | 11500                                                   | 0.85                                            | KW           | 70     | D100L4 |
| 19                                                       | 1150                                                    | 75.20                 | 12500                                                   | 0.95                                            | KWF          | 70     | D100L4 |
| 21                                                       | 1020                                                    | 66.67                 | 12400                                                   | 1.00                                            | KWA          | 70     | D100L4 |
| 22                                                       | 1110                                                    | 63.03                 | 10900                                                   | 1.00                                            | KWAF         | 70     | D100L4 |
|                                                          |                                                         |                       |                                                         |                                                 |              |        |        |
| 25                                                       | 880                                                     | 56.92                 | 12100                                                   | 1.10                                            |              |        |        |
| 26                                                       | 950                                                     | 53.87                 | 10800                                                   | 1.15                                            |              |        |        |
| 28                                                       | 880                                                     | 49.38                 | 10800                                                   | 1.25                                            |              |        |        |
| 32                                                       | 770                                                     | 43.33                 | 10700                                                   | 1.40                                            |              |        |        |
| 34                                                       | 735                                                     | 41.07                 | 10600                                                   | 1.50                                            |              |        |        |
| 39                                                       | 645                                                     | 35.94                 | 10400                                                   | 1.70                                            |              |        |        |
| 43                                                       | 585                                                     | 32.38                 | 10300                                                   | 1.85                                            | KW           | 70     | D100L4 |
| 49                                                       | 515                                                     | 28.41                 | 10100                                                   | 2.0                                             | KWF          | 70     | D100L4 |
| 56                                                       | 455                                                     | 25.07                 | 9840                                                    | 2.2                                             | KWA          | 70     | D100L4 |
| 61                                                       | 430                                                     | 22.89※                | 8680                                                    | 1.65                                            | KWAF         | 70     | D100L4 |
| 67                                                       | 395                                                     | 20.99※                | 8590                                                    | 1.80                                            |              |        |        |
| 76                                                       | 345                                                     | 18.42※                | 8450                                                    | 2.0                                             |              |        |        |
| 80                                                       | 330                                                     | 17.45※                | 8390                                                    | 2.2                                             |              |        |        |
| 92                                                       | 290                                                     | 15.28※                | 8210                                                    | 2.5                                             |              |        |        |
| 102                                                      | 260                                                     | 13.76※                | 8060                                                    | 2.7                                             |              |        |        |
| 116                                                      | 230                                                     | 12.07※                | 7870                                                    | 3.1                                             |              |        |        |
| 131                                                      | 205                                                     | 10.65※                | 7670                                                    | 3.5                                             |              |        |        |
|                                                          |                                                         |                       |                                                         |                                                 |              |        |        |
| 40                                                       | 595                                                     | 34.80                 | 6350                                                    | 0.80                                            | KW           | 60     | D100L4 |
| 47                                                       | 510                                                     | 29.63                 | 6350                                                    | 0.95                                            | KWF          | 60     | D100L4 |
| 52                                                       | 465                                                     | 26.93                 | 6330                                                    | 1.05                                            | KWA          | 60     | D100L4 |
|                                                          |                                                         |                       |                                                         |                                                 | KWAF         | 60     | D100L4 |
|                                                          |                                                         |                       |                                                         |                                                 |              |        |        |
| 60                                                       | 405                                                     | 23.33                 | 6270                                                    | 1.20                                            |              |        |        |
| 69                                                       | 375                                                     | 20.37※                | 5230                                                    | 0.90                                            |              |        |        |
| 81                                                       | 320                                                     | 17.28※                | 5250                                                    | 1.05                                            |              |        |        |
| 90                                                       | 290                                                     | 15.60※                | 5240                                                    | 1.15                                            | KW           | 60     | D100L4 |
| 102                                                      | 255                                                     | 13.73※                | 5210                                                    | 1.35                                            | KWF          | 60     | D100L4 |
| 108                                                      | 240                                                     | 12.96※                | 5190                                                    | 1.40                                            | KWA          | 60     | D100L4 |
| 127                                                      | 205                                                     | 11.03※                | 5100                                                    | 1.65                                            | KWAF         | 60     | D100L4 |
| 140                                                      | 188                                                     | 10.03※                | 5050                                                    | 1.80                                            |              |        |        |
| 161                                                      | 164                                                     | 8.69※                 | 4940                                                    | 2.0                                             |              |        |        |
| 185                                                      | 143                                                     | 7.56※                 | 4830                                                    | 2.1                                             |              |        |        |
|                                                          |                                                         |                       |                                                         |                                                 |              |        |        |
| 130                                                      | 199                                                     | 10.80※                | 3990                                                    | 0.85                                            | KW           | 50     | D100L4 |
| 152                                                      | 171                                                     | 9.23※                 | 3970                                                    | 1.00                                            | KWF          | 50     | D100L4 |
| 162                                                      | 160                                                     | 8.64※                 | 3960                                                    | 1.05                                            | KWA          | 50     | D100L4 |
| 192                                                      | 136                                                     | 7.28※                 | 3900                                                    | 1.10                                            | KWAF         | 50     | D100L4 |
| 4.0kW                                                    |                                                         |                       |                                                         |                                                 | KW           | 90 H50 | D112M4 |
| 6.5                                                      | 4780                                                    | 219                   | 22700                                                   | 0.90                                            | KWF          | 90 H50 | D112M4 |
| 6.9                                                      | 4490                                                    | 205                   | 27300                                                   | 0.95                                            | KWA          | 90 H50 | D112M4 |
|                                                          |                                                         |                       |                                                         |                                                 | KWAF         | 90 H50 | D112M4 |



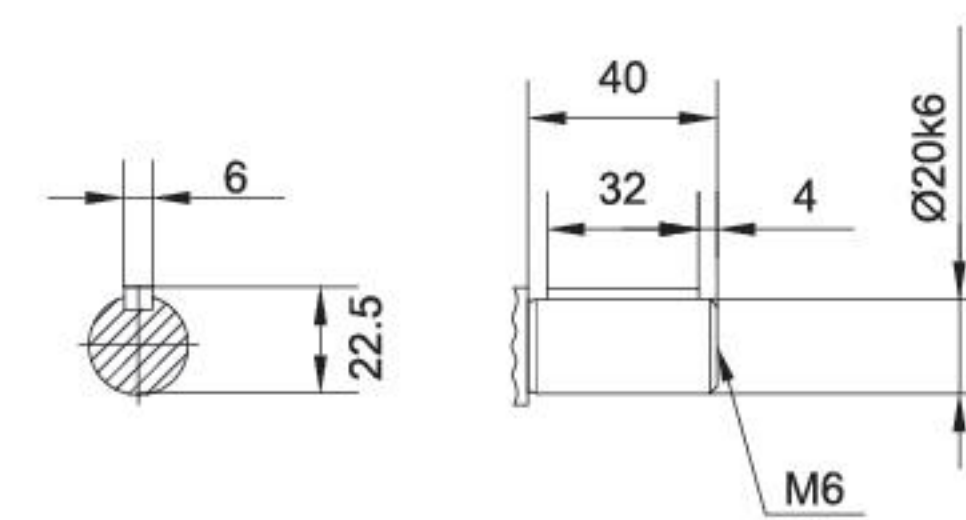
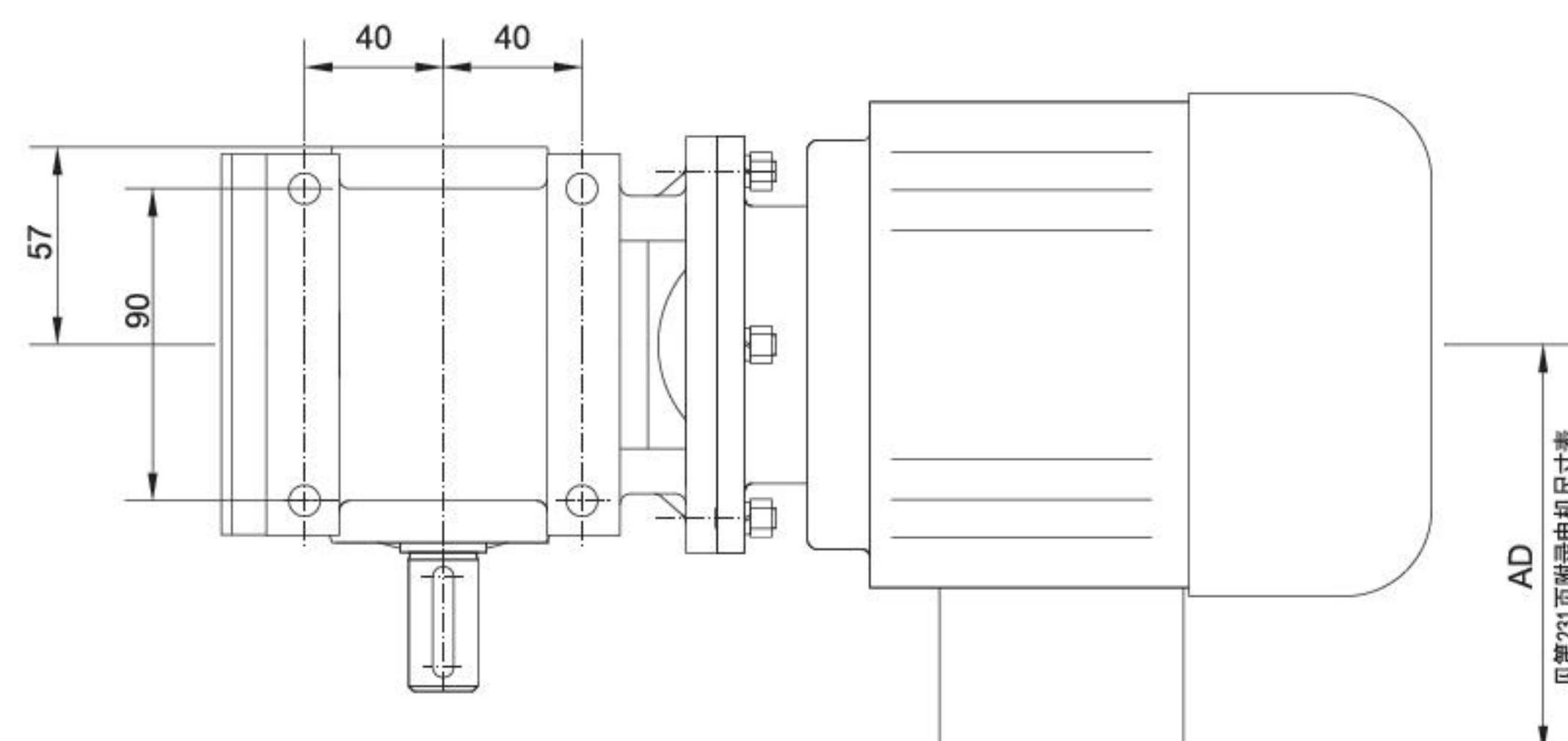
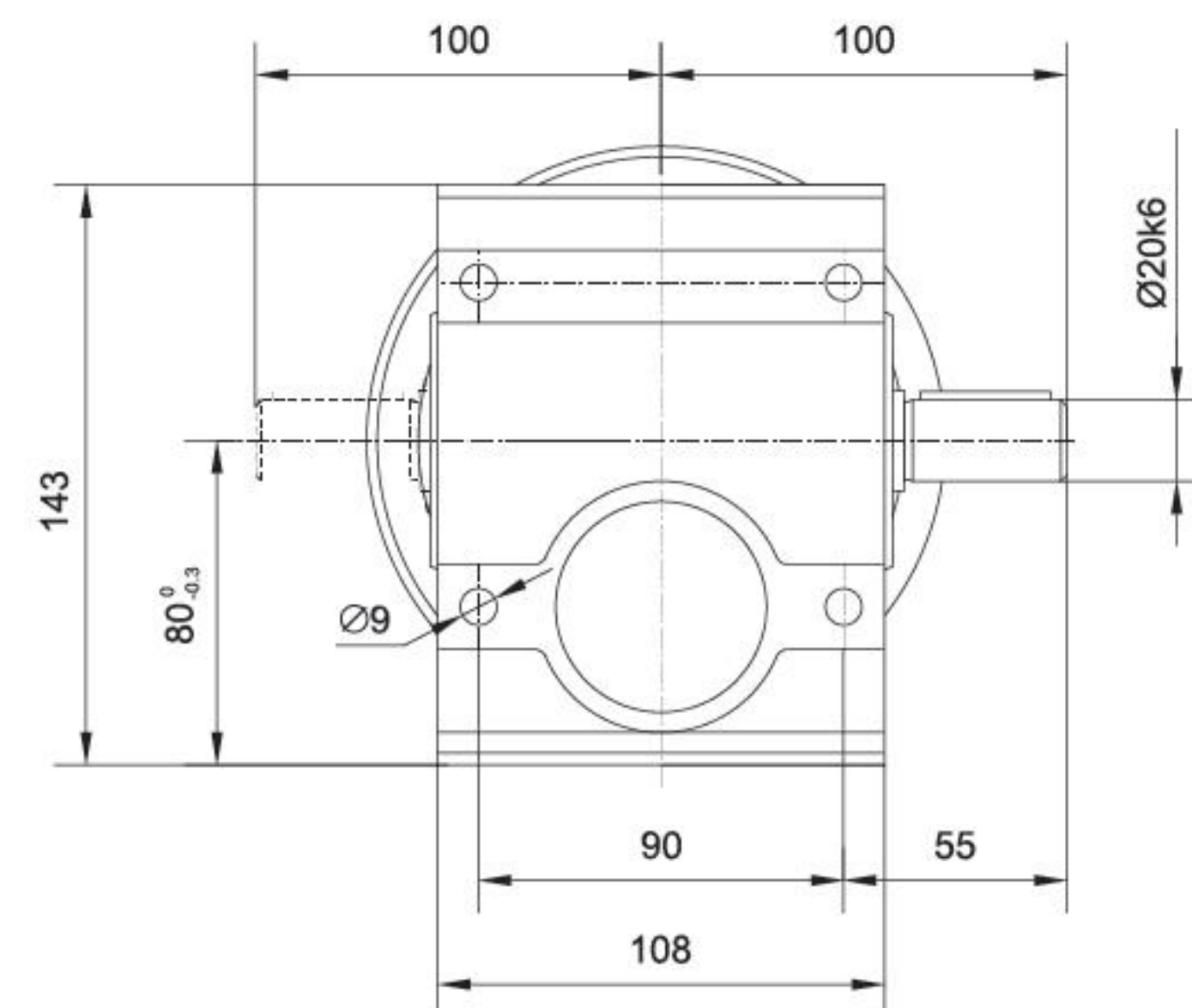
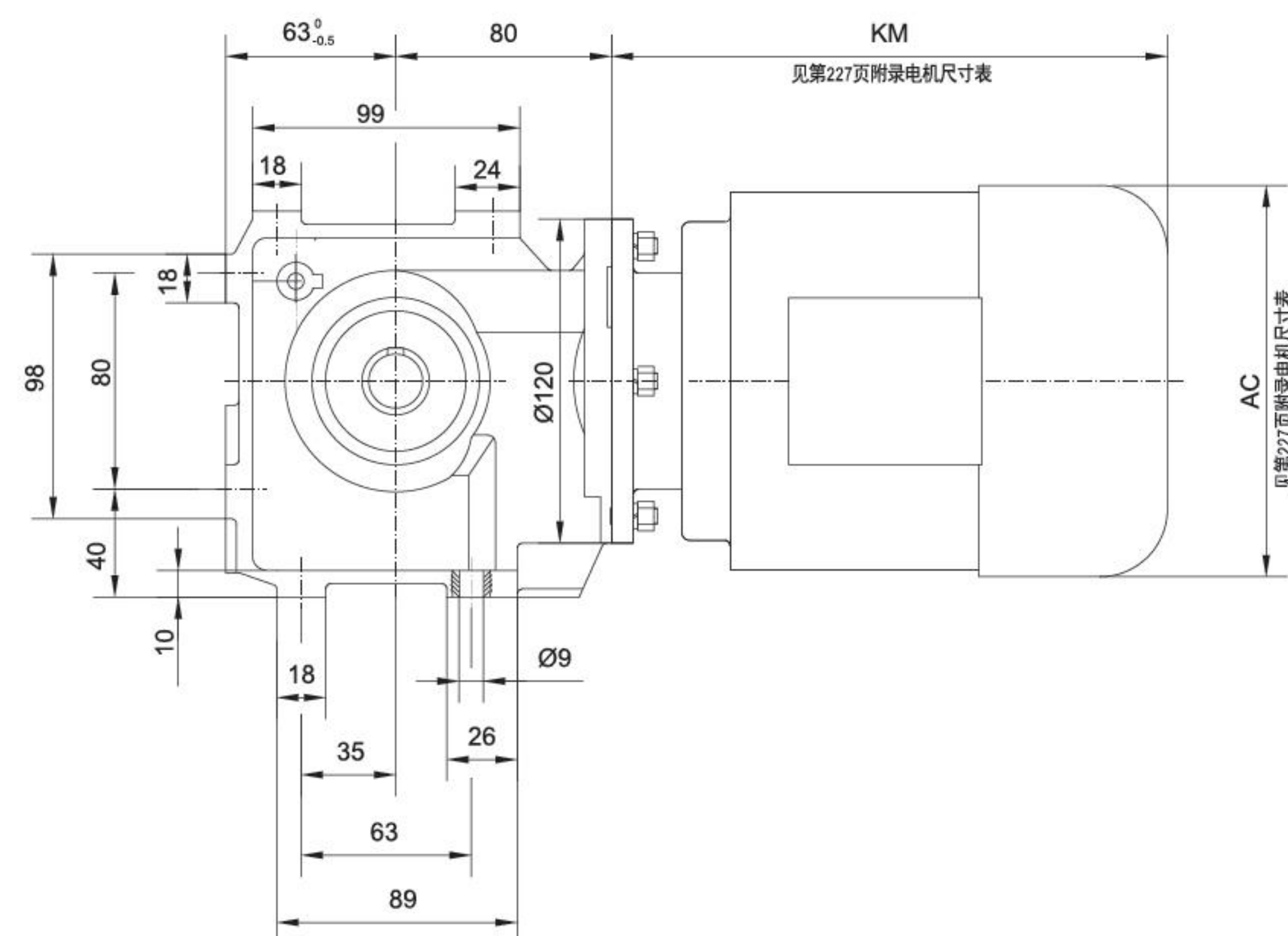
| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model                                                                           |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|----------------------------------------------------------------------------------------|
| 4.0kW                                                    |                                                         |                       |                                                         |                                                 |                                                                                        |
| 6.1                                                      | 4650                                                    | 231.67                | 28300                                                   | 0.85                                            | KW<br>KWF<br>KWA<br>KWA<br>KWA<br>KWA<br>KWA<br>KWA<br>KWA<br>KWA<br>KWA<br>KWA<br>KWA |
| 7.2                                                      | 3990                                                    | 196.52                | 33200                                                   | 1.00                                            |                                                                                        |
| 7.8                                                      | 3700                                                    | 180.95                | 33800                                                   | 1.05                                            |                                                                                        |
| 8.8                                                      | 3330                                                    | 161.74                | 34400                                                   | 1.15                                            |                                                                                        |
| 9.8                                                      | 3020                                                    | 145.60                | 34900                                                   | 1.25                                            |                                                                                        |
| 11                                                       | 2750                                                    | 131.85                | 35300                                                   | 1.35                                            |                                                                                        |
| 12                                                       | 2460                                                    | 116.92                | 35700                                                   | 1.45                                            |                                                                                        |
| 13                                                       | 2230                                                    | 105.71                | 35900                                                   | 1.55                                            |                                                                                        |
| 16                                                       | 1910                                                    | 89.60                 | 36300                                                   | 1.70                                            |                                                                                        |
| 18                                                       | 1940                                                    | 80.85                 | 36200                                                   | 1.65                                            |                                                                                        |
| 20                                                       | 1720                                                    | 71.43                 | 36400                                                   | 1.90                                            |                                                                                        |
| 23                                                       | 1470                                                    | 60.59                 | 36600                                                   | 2.2                                             |                                                                                        |
| 25                                                       | 1350                                                    | 55.79                 | 36700                                                   | 2.4                                             |                                                                                        |
| 12                                                       | 2510                                                    | 123.48                | 27500                                                   | 0.80                                            | KW<br>KWF<br>KWA<br>KWA<br>KWA<br>KWA<br>KWA<br>KWA<br>KWA<br>KWA<br>KWA<br>KWA<br>KWA |
| 13                                                       | 2260                                                    | 110.40                | 28000                                                   | 0.90                                            |                                                                                        |
| 14                                                       | 2040                                                    | 99.26                 | 28400                                                   | 0.95                                            |                                                                                        |
| 16                                                       | 1790                                                    | 86.15                 | 28800                                                   | 1.05                                            |                                                                                        |
| 18                                                       | 1610                                                    | 77.14                 | 29000                                                   | 1.15                                            |                                                                                        |
| 20                                                       | 1660                                                    | 70.43                 | 28900                                                   | 0.95                                            |                                                                                        |
| 22                                                       | 1520                                                    | 64.27                 | 29100                                                   | 1.05                                            |                                                                                        |
| 25                                                       | 1350                                                    | 57.00                 | 29300                                                   | 1.20                                            |                                                                                        |
| 30                                                       | 1150                                                    | 47.91                 | 29500                                                   | 1.40                                            |                                                                                        |
| 32                                                       | 1060                                                    | 44.03                 | 29600                                                   | 1.50                                            |                                                                                        |
| 36                                                       | 940                                                     | 39.10                 | 29700                                                   | 1.70                                            |                                                                                        |
| 41                                                       | 840                                                     | 34.96                 | 29800                                                   | 1.90                                            |                                                                                        |
| 45                                                       | 760                                                     | 31.43                 | 29100                                                   | 2.1                                             |                                                                                        |
| 52                                                       | 665                                                     | 27.28                 | 28200                                                   | 2.4                                             |                                                                                        |
| 56                                                       | 635                                                     | 25.50                 | 26600                                                   | 1.95                                            |                                                                                        |
| 25                                                       | 1160                                                    | 56.92                 | 10800                                                   | 0.85                                            | KW<br>KWF<br>KWA<br>KWA                                                                |
| 26                                                       | 1250                                                    | 53.87                 | 9250                                                    | 0.90                                            |                                                                                        |
| 29                                                       | 1150                                                    | 49.38                 | 9320                                                    | 0.95                                            |                                                                                        |
| 33                                                       | 1020                                                    | 43.33                 | 9370                                                    | 1.10                                            |                                                                                        |
| 35                                                       | 960                                                     | 41.07                 | 9370                                                    | 1.15                                            | KW<br>KWF<br>KWA<br>KWA<br>KWA<br>KWA<br>KWA<br>KWA<br>KWA<br>KWA<br>KWA<br>KWA<br>KWA |
| 40                                                       | 850                                                     | 35.94                 | 9340                                                    | 1.30                                            |                                                                                        |
| 44                                                       | 765                                                     | 32.38                 | 9290                                                    | 1.40                                            |                                                                                        |
| 50                                                       | 675                                                     | 28.41                 | 9190                                                    | 1.55                                            |                                                                                        |
| 57                                                       | 600                                                     | 25.07                 | 9070                                                    | 1.70                                            |                                                                                        |
| 62                                                       | 565                                                     | 22.89                 | 7650                                                    | 1.25                                            |                                                                                        |
| 68                                                       | 520                                                     | 20.99                 | 7650                                                    | 1.35                                            |                                                                                        |
| 77                                                       | 455                                                     | 18.42                 | 7620                                                    | 1.55                                            |                                                                                        |
| 81                                                       | 435                                                     | 17.45                 | 7590                                                    | 1.65                                            |                                                                                        |
| 93                                                       | 380                                                     | 15.28                 | 7510                                                    | 1.85                                            |                                                                                        |
| 103                                                      | 345                                                     | 13.76                 | 7430                                                    | 2.1                                             |                                                                                        |
| 118                                                      | 300                                                     | 12.07                 | 7310                                                    | 2.4                                             |                                                                                        |
| 133                                                      | 265                                                     | 10.65                 | 7170                                                    | 2.7                                             |                                                                                        |
| 150                                                      | 235                                                     | 9.44                  | 7030                                                    | 3.1                                             |                                                                                        |
| 176                                                      | 205                                                     | 8.06                  | 6830                                                    | 3.3                                             |                                                                                        |
| 82                                                       | 420                                                     | 17.28                 | 3810                                                    | 0.80                                            | KW<br>KWF<br>KWA<br>KWA<br>KWA<br>KWA<br>KWA<br>KWA<br>KWA<br>KWA<br>KWA<br>KWA        |
| 91                                                       | 380                                                     | 15.60                 | 4180                                                    | 0.90                                            |                                                                                        |
| 103                                                      | 335                                                     | 13.73                 | 4500                                                    | 1.00                                            |                                                                                        |
| 110                                                      | 320                                                     | 12.96                 | 4520                                                    | 1.05                                            |                                                                                        |
| 129                                                      | 270                                                     | 11.03                 | 4530                                                    | 1.25                                            |                                                                                        |
| 142                                                      | 245                                                     | 10.03                 | 4520                                                    | 1.35                                            |                                                                                        |
| 163                                                      | 215                                                     | 8.69                  | 4490                                                    | 1.55                                            |                                                                                        |
| 188                                                      | 188                                                     | 7.56                  | 4430                                                    | 1.55                                            |                                                                                        |
| 5.5kW                                                    |                                                         |                       |                                                         |                                                 |                                                                                        |
| 8.8                                                      | 4550                                                    | 161.74                | 29900                                                   | 0.85                                            | KW<br>KWF<br>KWA<br>KWA<br>KWA<br>KWA<br>KWA<br>KWA<br>KWA<br>KWA<br>KWA<br>KWA<br>KWA |
| 9.8                                                      | 4130                                                    | 145.60                | 32900                                                   | 0.90                                            |                                                                                        |
| 11                                                       | 3760                                                    | 131.85                | 33700                                                   | 0.95                                            |                                                                                        |
| 12                                                       | 3360                                                    | 116.92                | 34400                                                   | 1.05                                            |                                                                                        |
| 14                                                       | 3050                                                    | 105.71                | 34900                                                   | 1.15                                            |                                                                                        |
| 16                                                       | 2610                                                    | 89.60                 | 35500                                                   | 1.25                                            |                                                                                        |
| 18                                                       | 2290                                                    | 78.26                 | 35900                                                   | 1.35                                            |                                                                                        |
| 20                                                       | 2350                                                    | 71.43                 | 35800                                                   | 1.40                                            |                                                                                        |
| 22                                                       | 1930                                                    | 65.45                 | 36200                                                   | 1.50                                            |                                                                                        |
| 24                                                       | 2000                                                    | 60.59                 | 36200                                                   | 1.65                                            |                                                                                        |
| 26                                                       | 1850                                                    | 55.79                 | 36300                                                   | 1.80                                            |                                                                                        |
| 29                                                       | 1660                                                    | 49.87                 | 36500                                                   | 2.0                                             |                                                                                        |
| 32                                                       | 1500                                                    | 44.89                 | 36600                                                   | 2.2                                             |                                                                                        |
| 35                                                       | 1360                                                    | 40.65                 | 36700                                                   | 2.4                                             |                                                                                        |

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>fB | 机型号<br>Model             |           |  |  |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------|--------------------------|-----------|--|--|
| 5.5kW                                                    |                                                         |                       |                                                         |                                     |                          |           |  |  |
| 19                                                       | 2200                                                    | 77.14                 | 28100                                                   | 0.85                                | KW                       | 80 D132S4 |  |  |
| 22                                                       | 1850                                                    | 64.00                 | 28700                                                   | 0.90                                | KWF                      | 80 D132S4 |  |  |
| 25                                                       | 1850                                                    | 57.00                 | 28700                                                   | 0.85                                | KWA                      | 80 D132S4 |  |  |
| 30                                                       | 1560                                                    | 47.91                 | 29100                                                   | 1.00                                | KWAF                     | 80 D132S4 |  |  |
|                                                          |                                                         |                       |                                                         |                                     |                          |           |  |  |
| 32                                                       | 1440                                                    | 44.03                 | 29200                                                   | 1.10                                | KW<br>KWF<br>KWA<br>KWAF | 80 D132S4 |  |  |
| 37                                                       | 1280                                                    | 39.10                 | 29200                                                   | 1.25                                |                          |           |  |  |
| 41                                                       | 1150                                                    | 34.96                 | 28600                                                   | 1.40                                |                          |           |  |  |
| 45                                                       | 1040                                                    | 31.43                 | 28000                                                   | 1.55                                |                          |           |  |  |
| 52                                                       | 910                                                     | 27.28                 | 27200                                                   | 1.75                                |                          |           |  |  |
| 56                                                       | 870                                                     | 25.50※                | 25200                                                   | 1.45                                |                          |           |  |  |
| 67                                                       | 730                                                     | 21.43※                | 24500                                                   | 1.70                                |                          |           |  |  |
| 73                                                       | 675                                                     | 19.70※                | 24100                                                   | 1.85                                |                          |           |  |  |
| 82                                                       | 600                                                     | 17.49※                | 23500                                                   | 2.1                                 |                          |           |  |  |
| 91                                                       | 535                                                     | 15.64※                | 23000                                                   | 2.3                                 |                          |           |  |  |
| 102                                                      | 485                                                     | 14.06※                | 22500                                                   | 2.6                                 |                          |           |  |  |
| 117                                                      | 420                                                     | 12.21※                | 21800                                                   | 3.0                                 | KW<br>KWF<br>KWA<br>KWAF | 70 D132S4 |  |  |
| 131                                                      | 375                                                     | 10.93※                | 21200                                                   | 3.3                                 |                          |           |  |  |
|                                                          |                                                         |                       |                                                         |                                     |                          |           |  |  |
| 35                                                       | 1320                                                    | 41.07                 | 7560                                                    | 0.85                                |                          |           |  |  |
| 40                                                       | 1160                                                    | 35.94                 | 7750                                                    | 0.95                                | KWA                      | 70 D132S4 |  |  |
| 44                                                       | 1050                                                    | 32.38                 | 7850                                                    | 1.05                                | KWAF                     | 70 D132S4 |  |  |
|                                                          |                                                         |                       |                                                         |                                     |                          |           |  |  |
| 50                                                       | 920                                                     | 28.41                 | 7920                                                    | 1.15                                | KW<br>KWF<br>KWA<br>KWAF | 70 D132S4 |  |  |
| 57                                                       | 820                                                     | 25.07                 | 7940                                                    | 1.25                                |                          |           |  |  |
| 64                                                       | 725                                                     | 22.22                 | 7920                                                    | 1.35                                |                          |           |  |  |
| 78                                                       | 625                                                     | 18.42※                | 5920                                                    | 1.15                                |                          |           |  |  |
| 82                                                       | 590                                                     | 17.45※                | 6170                                                    | 1.20                                |                          |           |  |  |
| 94                                                       | 520                                                     | 15.28※                | 6490                                                    | 1.35                                |                          |           |  |  |
| 104                                                      | 470                                                     | 13.76※                | 6510                                                    | 1.50                                |                          |           |  |  |
| 118                                                      | 410                                                     | 12.07※                | 6500                                                    | 1.75                                |                          |           |  |  |
| 134                                                      | 365                                                     | 10.65※                | 6450                                                    | 2.0                                 |                          |           |  |  |
| 151                                                      | 325                                                     | 9.44※                 | 6390                                                    | 2.2                                 |                          |           |  |  |
| 177                                                      | 275                                                     | 8.06※                 | 6280                                                    | 2.5                                 |                          |           |  |  |
|                                                          |                                                         |                       |                                                         |                                     |                          |           |  |  |
| 130                                                      | 370                                                     | 11.03※                | 2930                                                    | 0.90                                | KW                       | 60 D132S4 |  |  |
| 143                                                      | 340                                                     | 10.03※                | 3260                                                    | 1.00                                | KWF                      | 60 D132S4 |  |  |
| 165                                                      | 295                                                     | 8.69※                 | 3670                                                    | 1.15                                | KWA                      | 60 D132S4 |  |  |
| 189                                                      | 255                                                     | 7.56※                 | 3850                                                    | 1.15                                | KWAF                     | 60 D132S4 |  |  |
| 7.5kW                                                    |                                                         |                       |                                                         |                                     |                          |           |  |  |
| 14                                                       | 4160                                                    | 105.71                | 32900                                                   | 0.85                                | KW<br>KWF<br>KWA<br>KWAF | 90 D132M4 |  |  |
| 16                                                       | 3560                                                    | 89.60                 | 34100                                                   | 0.90                                |                          |           |  |  |
| 18                                                       | 3130                                                    | 78.26                 | 34800                                                   | 1.00                                |                          |           |  |  |
| 20                                                       | 3200                                                    | 71.43                 | 34600                                                   | 1.05                                |                          |           |  |  |
| 22                                                       | 2630                                                    | 65.45                 | 35500                                                   | 1.10                                |                          |           |  |  |
| 24                                                       | 2730                                                    | 60.59                 | 35300                                                   | 1.20                                |                          |           |  |  |
| 26                                                       | 2520                                                    | 55.79                 | 35600                                                   | 1.30                                |                          |           |  |  |
| 29                                                       | 2260                                                    | 49.87                 | 35900                                                   | 1.45                                |                          |           |  |  |
| 32                                                       | 2040                                                    | 44.89                 | 36100                                                   | 1.60                                |                          |           |  |  |
| 35                                                       | 1850                                                    | 40.65                 | 36300                                                   | 1.80                                |                          |           |  |  |
| 40                                                       | 1650                                                    | 36.05                 | 36200                                                   | 2.0                                 |                          |           |  |  |
| 44                                                       | 1490                                                    | 32.60                 | 35500                                                   | 2.2                                 |                          |           |  |  |
| 54                                                       | 1240                                                    | 26.39※                | 32000                                                   | 2.1                                 |                          |           |  |  |
| 61                                                       | 1110                                                    | 23.59※                | 31400                                                   | 2.3                                 |                          |           |  |  |
| 67                                                       | 1000                                                    | 21.23※                | 30700                                                   | 2.6                                 |                          |           |  |  |
| 74                                                       | 910                                                     | 19.23※                | 30100                                                   | 2.9                                 |                          |           |  |  |
|                                                          |                                                         |                       |                                                         |                                     |                          |           |  |  |
| 32                                                       | 1970                                                    | 44.03                 | 27800                                                   | 0.80                                | KW                       | 80 D132M4 |  |  |
| 37                                                       | 1750                                                    | 39.10                 | 27400                                                   | 0.90                                | KWF                      | 80 D132M4 |  |  |
| 41                                                       | 1570                                                    | 34.96                 | 27000                                                   | 1.00                                | KWA                      | 80 D132M4 |  |  |
|                                                          |                                                         |                       |                                                         |                                     | KWAF                     | 80 D132M4 |  |  |
|                                                          |                                                         |                       |                                                         |                                     |                          |           |  |  |
| 45                                                       | 1420                                                    | 31.43                 | 26500                                                   | 1.15                                | KW<br>KWF<br>KWA<br>KWAF | 80 D132M4 |  |  |
| 52                                                       | 1230                                                    | 27.28                 | 25900                                                   | 1.30                                |                          |           |  |  |
| 56                                                       | 1180                                                    | 25.50※                | 23500                                                   | 1.05                                |                          |           |  |  |
| 67                                                       | 1000                                                    | 21.43※                | 23000                                                   | 1.25                                |                          |           |  |  |
| 73                                                       | 920                                                     | 19.70※                | 22700                                                   | 1.35                                |                          |           |  |  |
| 82                                                       | 820                                                     | 17.49※                | 22300                                                   | 1.50                                |                          |           |  |  |
| 91                                                       | 730                                                     | 15.64※                | 21900                                                   | 1.70                                |                          |           |  |  |
| 102                                                      | 660                                                     | 14.06※                | 21500                                                   | 1.90                                |                          |           |  |  |
| 117                                                      | 575                                                     | 12.21※                | 20900                                                   | 2.2                                 |                          |           |  |  |
| 131                                                      | 515                                                     | 10.93※                | 20500                                                   | 2.4                                 |                          |           |  |  |
| 158                                                      | 430                                                     | 9.07※                 | 19700                                                   | 2.7                                 |                          |           |  |  |
| 181                                                      | 375                                                     | 7.88※                 | 19100                                                   | 2.7                                 |                          |           |  |  |

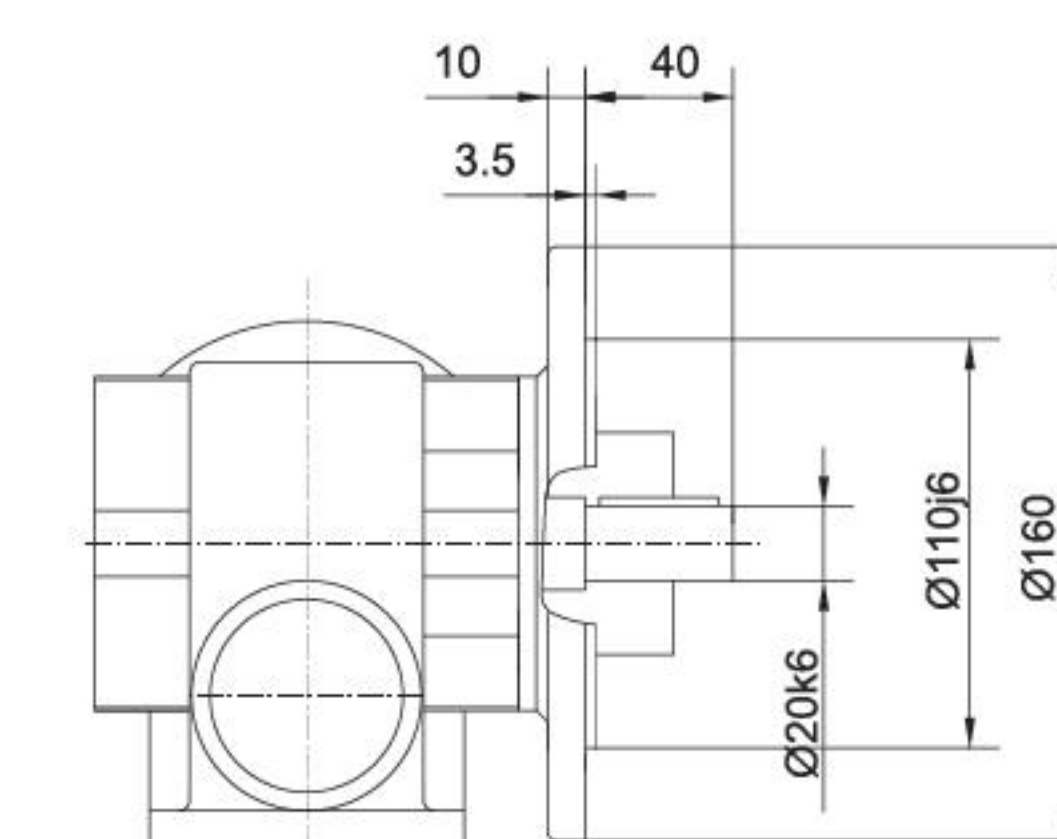
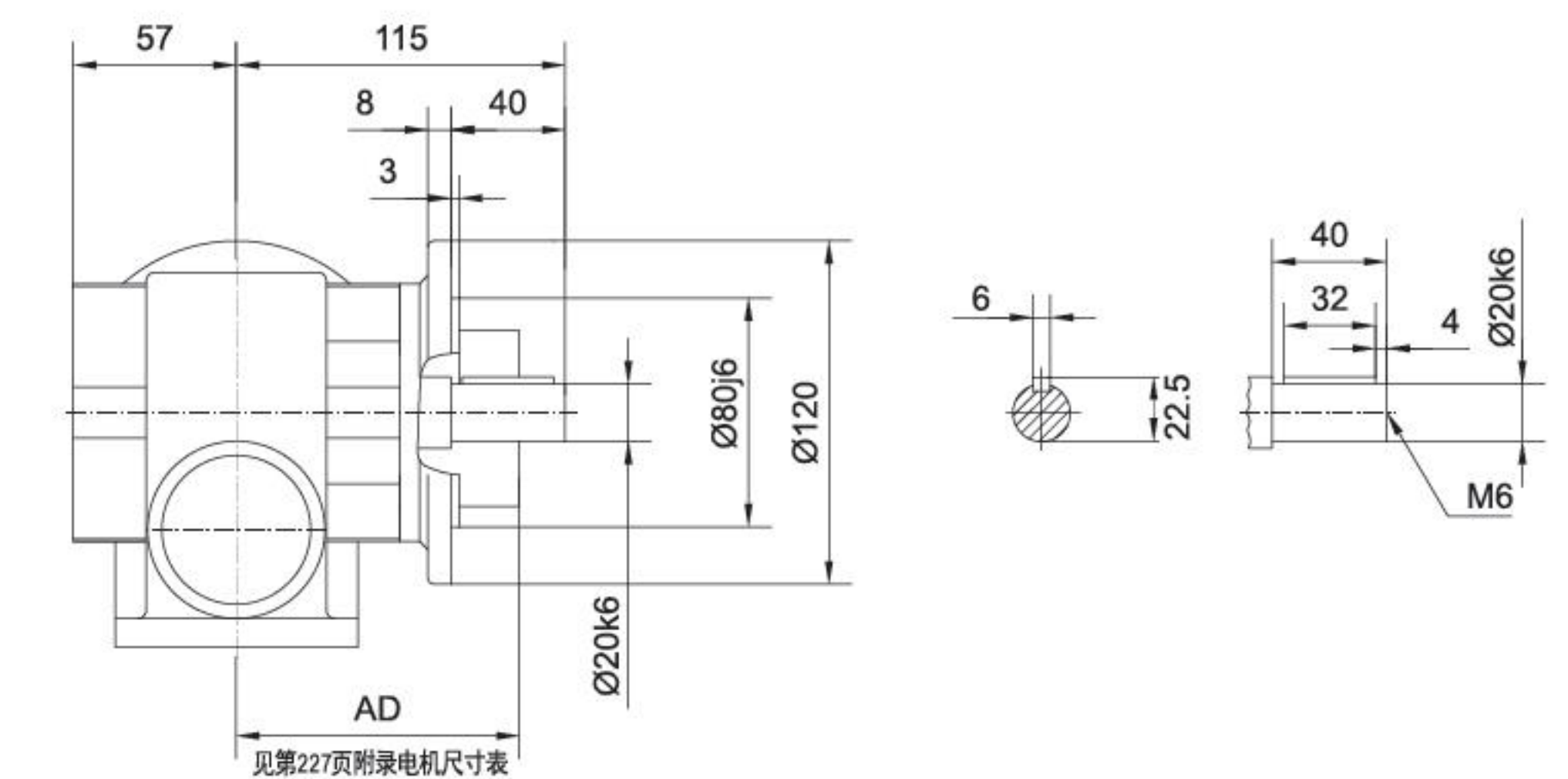
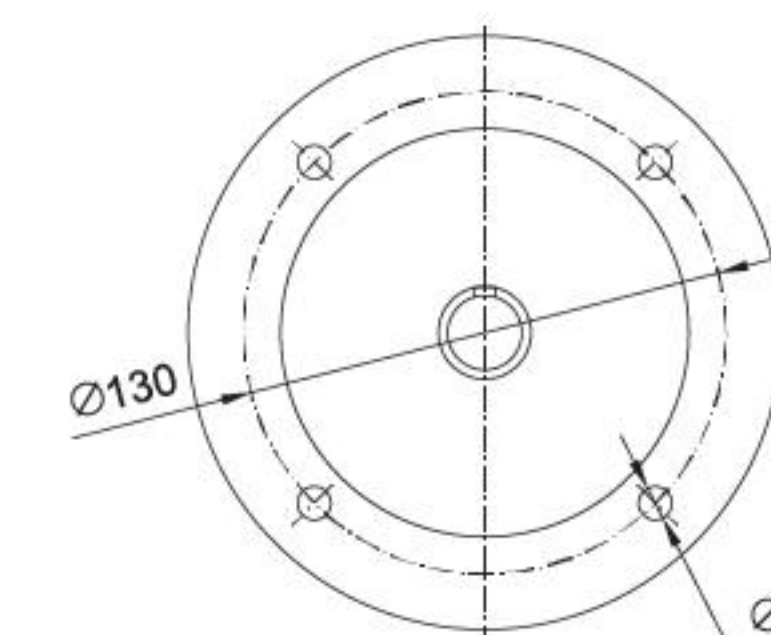
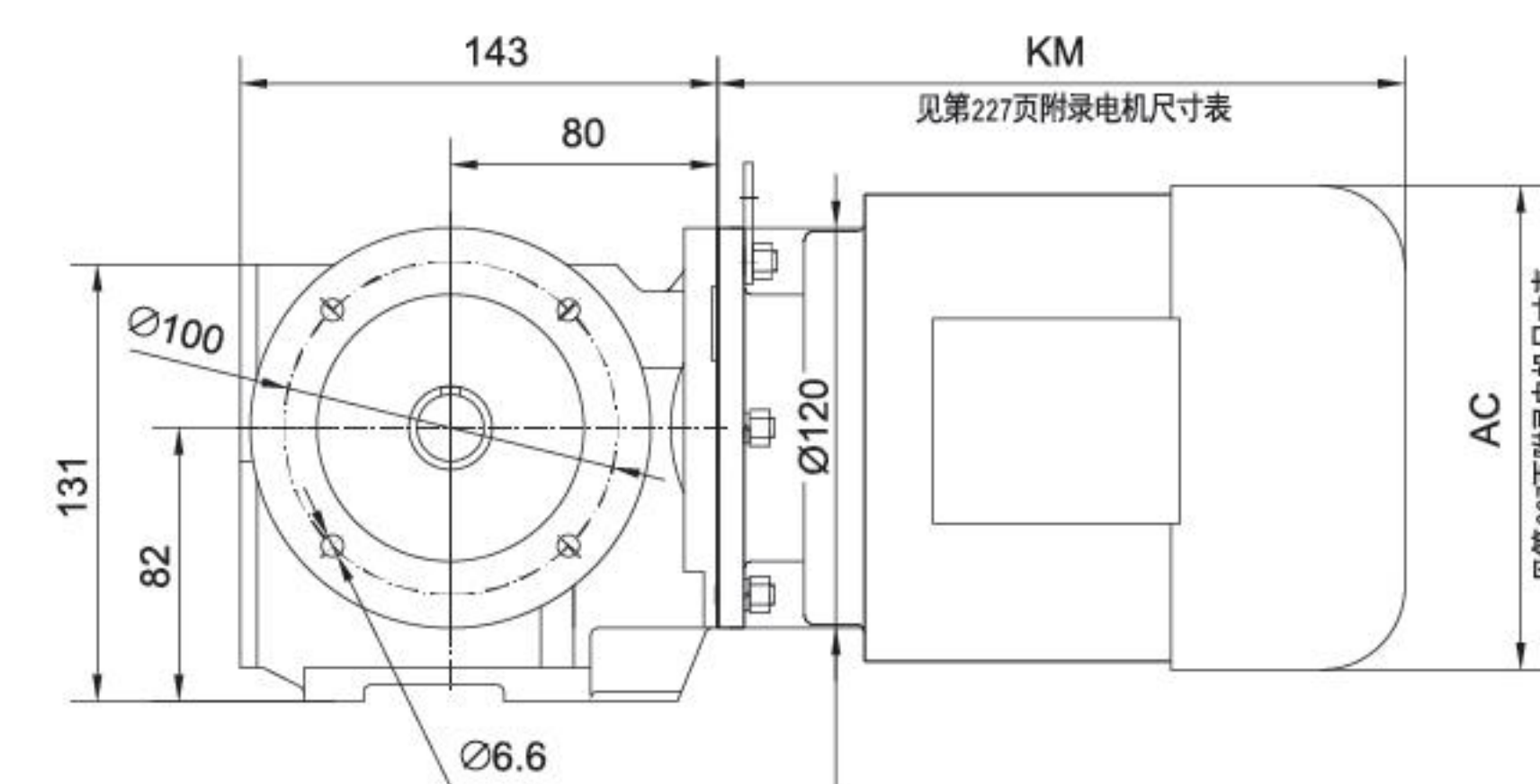
注：带※速比产品在改进中，订货前需沟通

| 输出<br>转速<br>Output<br>speed<br>n <sub>2</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>T <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>FR2<br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>B</sub> | 机型号<br>Model                                                         |                                                                      |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------|
| 7.5kW                                                    |                                                         |                       |                                                         |                                                 |                                                                      |                                                                      |
| 50                                                       | 1260                                                    | 28.41                 | 6240                                                    | 0.85                                            | KW 70 D132M4                                                         |                                                                      |
| 57                                                       | 1110                                                    | 25.07                 | 6450                                                    | 0.90                                            | KWF 70 D132M4                                                        |                                                                      |
| 64                                                       | 990                                                     | 22.22                 | 6600                                                    | 1.00                                            | KWA 70 D132M4                                                        |                                                                      |
| 78                                                       | 850                                                     | 18.42 *               | 1860                                                    | 0.85                                            | KWAF 70 D132M4                                                       |                                                                      |
| 82                                                       | 810                                                     | 17.45 *               | 2290                                                    | 0.90                                            | KW 70 D132M4<br>KWF 70 D132M4<br>KWA 70 D132M4<br>KWAF 70 D132M4     |                                                                      |
| 94                                                       | 705                                                     | 15.28 *               | 3250                                                    | 1.00                                            |                                                                      |                                                                      |
| 104                                                      | 640                                                     | 13.76 *               | 3890                                                    | 1.10                                            |                                                                      |                                                                      |
| 118                                                      | 560                                                     | 12.07 *               | 4570                                                    | 1.30                                            |                                                                      |                                                                      |
| 134                                                      | 495                                                     | 10.65 *               | 5110                                                    | 1.45                                            |                                                                      |                                                                      |
| 151                                                      | 440                                                     | 9.44 *                | 5540                                                    | 1.65                                            |                                                                      |                                                                      |
| 177                                                      | 380                                                     | 8.06 *                | 5560                                                    | 1.80                                            |                                                                      |                                                                      |
| 9.2kW                                                    |                                                         |                       |                                                         |                                                 |                                                                      |                                                                      |
| 18                                                       | 3810                                                    | 78.26                 | 33600                                                   | 0.80                                            | KW 90 D132ML4                                                        |                                                                      |
| 22                                                       | 3210                                                    | 65.45                 | 34600                                                   | 0.90                                            | KWF 90 D132ML4                                                       |                                                                      |
| 26                                                       | 3070                                                    | 55.79                 | 34800                                                   | 1.05                                            | KWA 90 D132ML4                                                       |                                                                      |
|                                                          |                                                         |                       |                                                         |                                                 | KWAF 90 D132ML4                                                      |                                                                      |
| 29                                                       | 2750                                                    | 49.87                 | 35300                                                   | 1.20                                            | KW 90 D132ML4<br>KWF 90 D132ML4<br>KWA 90 D132ML4<br>KWAF 90 D132ML4 |                                                                      |
| 32                                                       | 2480                                                    | 44.89                 | 35600                                                   | 1.35                                            |                                                                      |                                                                      |
| 35                                                       | 2260                                                    | 40.65                 | 35700                                                   | 1.45                                            |                                                                      |                                                                      |
| 40                                                       | 2010                                                    | 36.05                 | 35000                                                   | 1.65                                            |                                                                      |                                                                      |
| 44                                                       | 1820                                                    | 32.60                 | 34400                                                   | 1.75                                            |                                                                      |                                                                      |
| 55                                                       | 1510                                                    | 26.39 *               | 30700                                                   | 1.70                                            |                                                                      |                                                                      |
| 61                                                       | 1350                                                    | 23.59 *               | 30200                                                   | 1.90                                            |                                                                      |                                                                      |
| 68                                                       | 1220                                                    | 21.23 *               | 29700                                                   | 2.1                                             |                                                                      |                                                                      |
| 75                                                       | 1110                                                    | 19.23 *               | 29200                                                   | 2.3                                             |                                                                      |                                                                      |
| 84                                                       | 980                                                     | 17.05 *               | 28500                                                   | 2.6                                             |                                                                      |                                                                      |
| 93                                                       | 890                                                     | 15.42 *               | 28000                                                   | 2.8                                             |                                                                      |                                                                      |
| 110                                                      | 755                                                     | 13.07 *               | 27000                                                   | 3.1                                             |                                                                      |                                                                      |
| 126                                                      | 660                                                     | 11.41 *               | 26200                                                   | 3.3                                             |                                                                      |                                                                      |
| 41                                                       | 1910                                                    | 34.96                 | 25600                                                   | 0.85                                            | KW 80 D132ML4                                                        |                                                                      |
| 46                                                       | 1730                                                    | 31.43                 | 25300                                                   | 0.95                                            | KWF 80 D132ML4                                                       |                                                                      |
| 53                                                       | 1500                                                    | 27.28                 | 24800                                                   | 1.05                                            | KWA 80 D132ML4                                                       |                                                                      |
| 59                                                       | 1350                                                    | 24.43                 | 24400                                                   | 1.20                                            | KWAF 80 D132ML4                                                      |                                                                      |
| 71                                                       | 1120                                                    | 20.27                 | 23700                                                   | 1.40                                            | KW 80 D132ML4<br>KWF 80 D132ML4<br>KWA 80 D132ML4<br>KWAF 80 D132ML4 |                                                                      |
| 73                                                       | 1120                                                    | 19.70 *               | 21600                                                   | 1.10                                            |                                                                      |                                                                      |
| 82                                                       | 1000                                                    | 17.49 *               | 21300                                                   | 1.25                                            |                                                                      |                                                                      |
| 92                                                       | 890                                                     | 15.64 *               | 21000                                                   | 1.40                                            |                                                                      |                                                                      |
| 102                                                      | 800                                                     | 14.06 *               | 20700                                                   | 1.55                                            |                                                                      |                                                                      |
| 118                                                      | 700                                                     | 12.21 *               | 20200                                                   | 1.75                                            |                                                                      |                                                                      |
| 132                                                      | 625                                                     | 10.93 *               | 19800                                                   | 2.0                                             |                                                                      |                                                                      |
| 159                                                      | 520                                                     | 9.07 *                | 19100                                                   | 2.2                                             |                                                                      |                                                                      |
| 183                                                      | 455                                                     | 7.88 *                | 18600                                                   | 2.2                                             |                                                                      |                                                                      |
| 76                                                       | 1040                                                    | 18.97 *               | 5760                                                    | 0.90                                            |                                                                      | KW 70 D132ML4<br>KWF 70 D132ML4<br>KWA 70 D132ML4<br>KWAF 70 D132ML4 |
| 105                                                      | 780                                                     | 13.76 *               | 1350                                                    | 0.90                                            |                                                                      |                                                                      |
| 119                                                      | 685                                                     | 12.07 *               | 2290                                                    | 1.05                                            |                                                                      |                                                                      |
| 135                                                      | 605                                                     | 10.65 *               | 3060                                                    | 1.20                                            |                                                                      |                                                                      |
| 152                                                      | 535                                                     | 9.44 *                | 3690                                                    | 1.35                                            |                                                                      |                                                                      |
| 179                                                      | 460                                                     | 8.06 *                | 4360                                                    | 1.50                                            |                                                                      |                                                                      |
| 11.0kW                                                   |                                                         |                       |                                                         |                                                 |                                                                      |                                                                      |
| 26                                                       | 3670                                                    | 55.79                 | 33800                                                   | 0.90                                            | KW 90 D160M4<br>KWF 90 D160M4<br>KWA 90 D160M4<br>KWAF 90 D160M4     |                                                                      |
| 29                                                       | 3290                                                    | 49.87                 | 34500                                                   | 1.00                                            |                                                                      |                                                                      |
| 32                                                       | 2970                                                    | 44.89                 | 34800                                                   | 1.10                                            |                                                                      |                                                                      |
| 35                                                       | 2700                                                    | 40.65                 | 34400                                                   | 1.20                                            |                                                                      |                                                                      |
| 40                                                       | 2400                                                    | 36.05                 | 33800                                                   | 1.40                                            |                                                                      |                                                                      |
| 44                                                       | 2170                                                    | 32.60                 | 33300                                                   | 1.45                                            |                                                                      |                                                                      |
| 55                                                       | 1810                                                    | 26.39 *               | 29400                                                   | 1.45                                            |                                                                      |                                                                      |
| 61                                                       | 1620                                                    | 23.59 *               | 29000                                                   | 1.60                                            |                                                                      |                                                                      |
| 68                                                       | 1460                                                    | 21.23 *               | 28600                                                   | 1.80                                            |                                                                      |                                                                      |
| 75                                                       | 1320                                                    | 19.23 *               | 28200                                                   | 1.95                                            |                                                                      |                                                                      |
| 84                                                       | 1180                                                    | 17.05 *               | 27600                                                   | 2.2                                             |                                                                      |                                                                      |
| 93                                                       | 1070                                                    | 15.42 *               | 27200                                                   | 2.3                                             |                                                                      |                                                                      |
| 110                                                      | 900                                                     | 13.07 *               | 26400                                                   | 2.6                                             |                                                                      |                                                                      |
| 126                                                      | 790                                                     | 11.41 *               | 25700                                                   | 2.8                                             |                                                                      |                                                                      |
| 53                                                       | 1800                                                    | 27.28                 | 23700                                                   | 0.90                                            |                                                                      | KW 80 D160M4                                                         |
| 59                                                       | 1610                                                    | 24.43                 | 23400                                                   | 1.00                                            |                                                                      | KWF 80 D160M4                                                        |
| 71                                                       | 1340                                                    | 20.27                 | 22800                                                   | 1.20                                            |                                                                      | KWA 80 D160M4                                                        |
|                                                          |                                                         |                       |                                                         |                                                 | KWAF 80 D160M4                                                       |                                                                      |

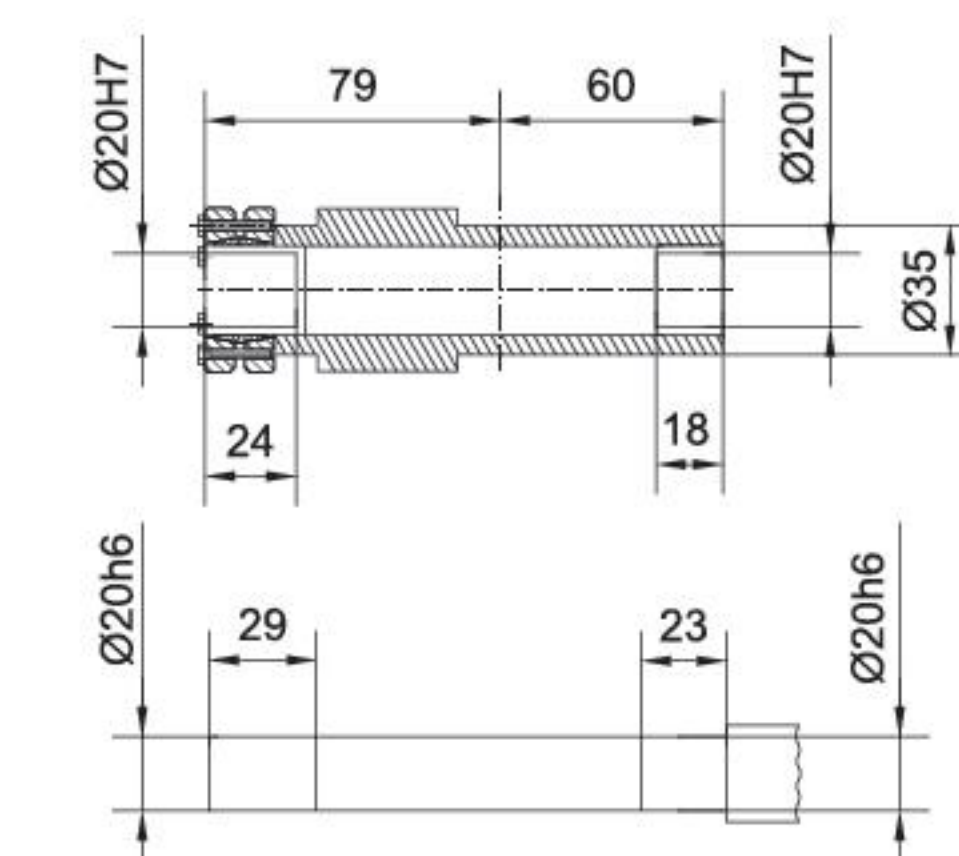
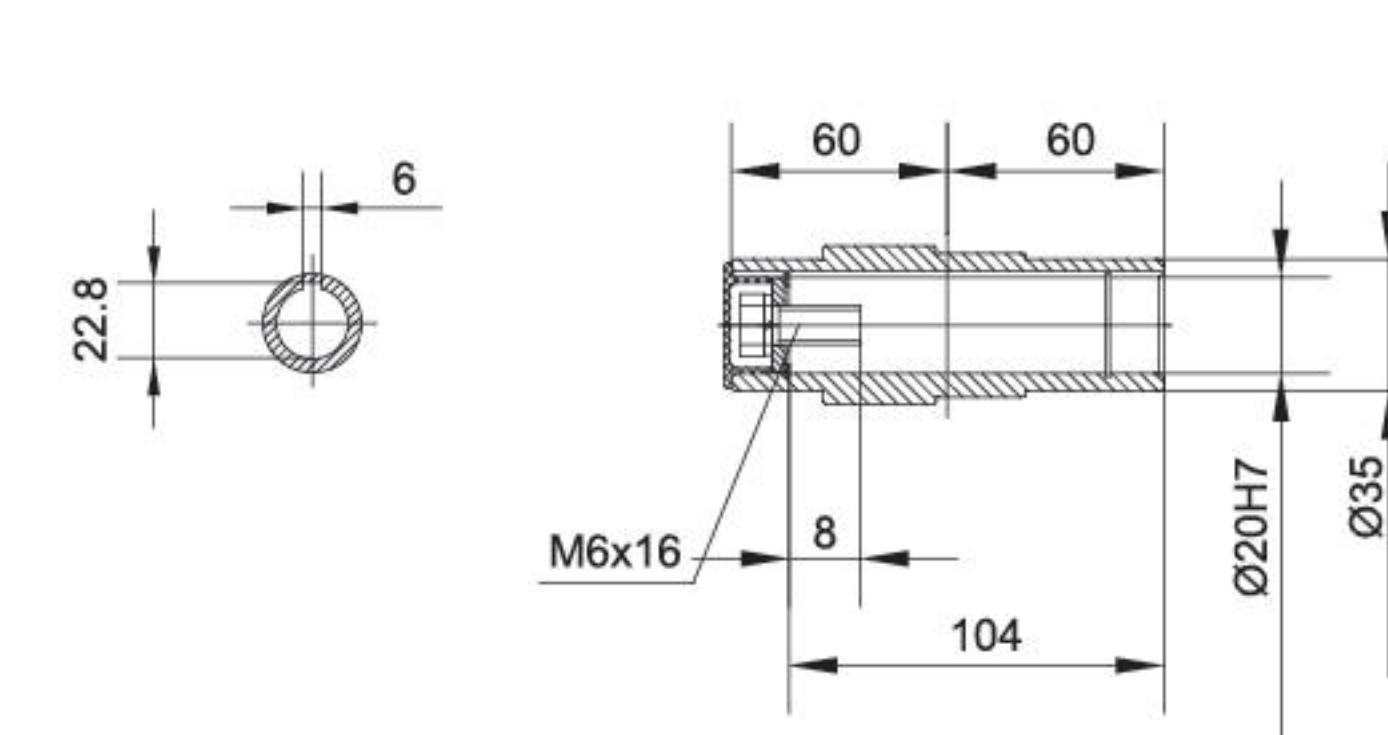
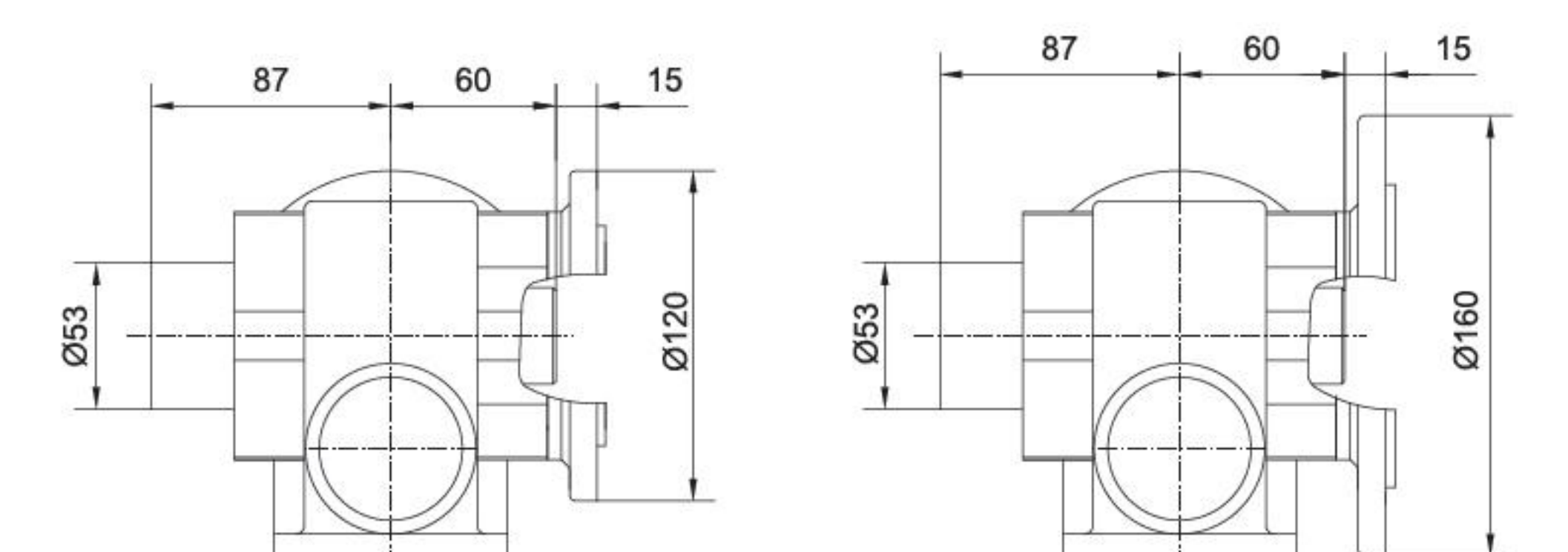
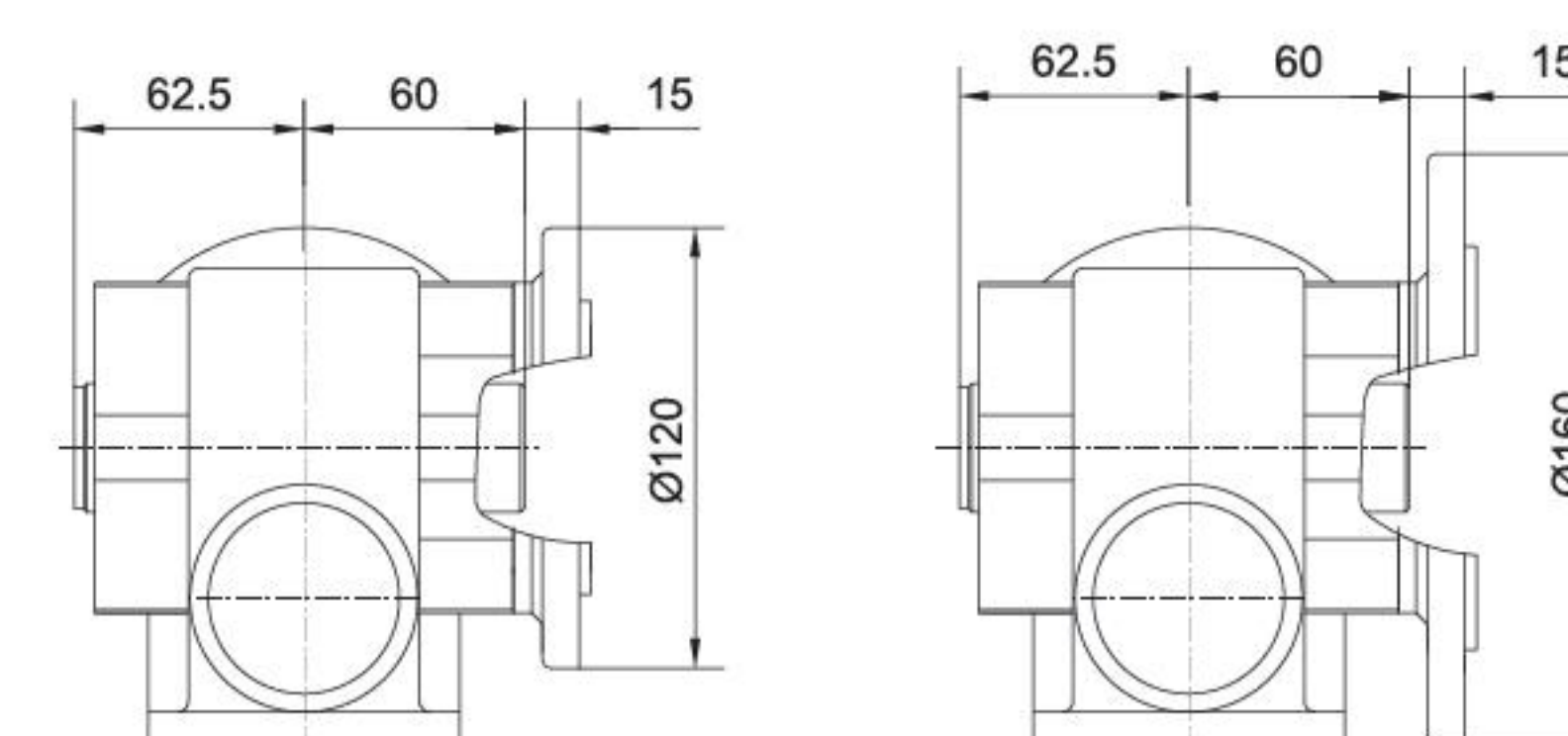


**KW30..**

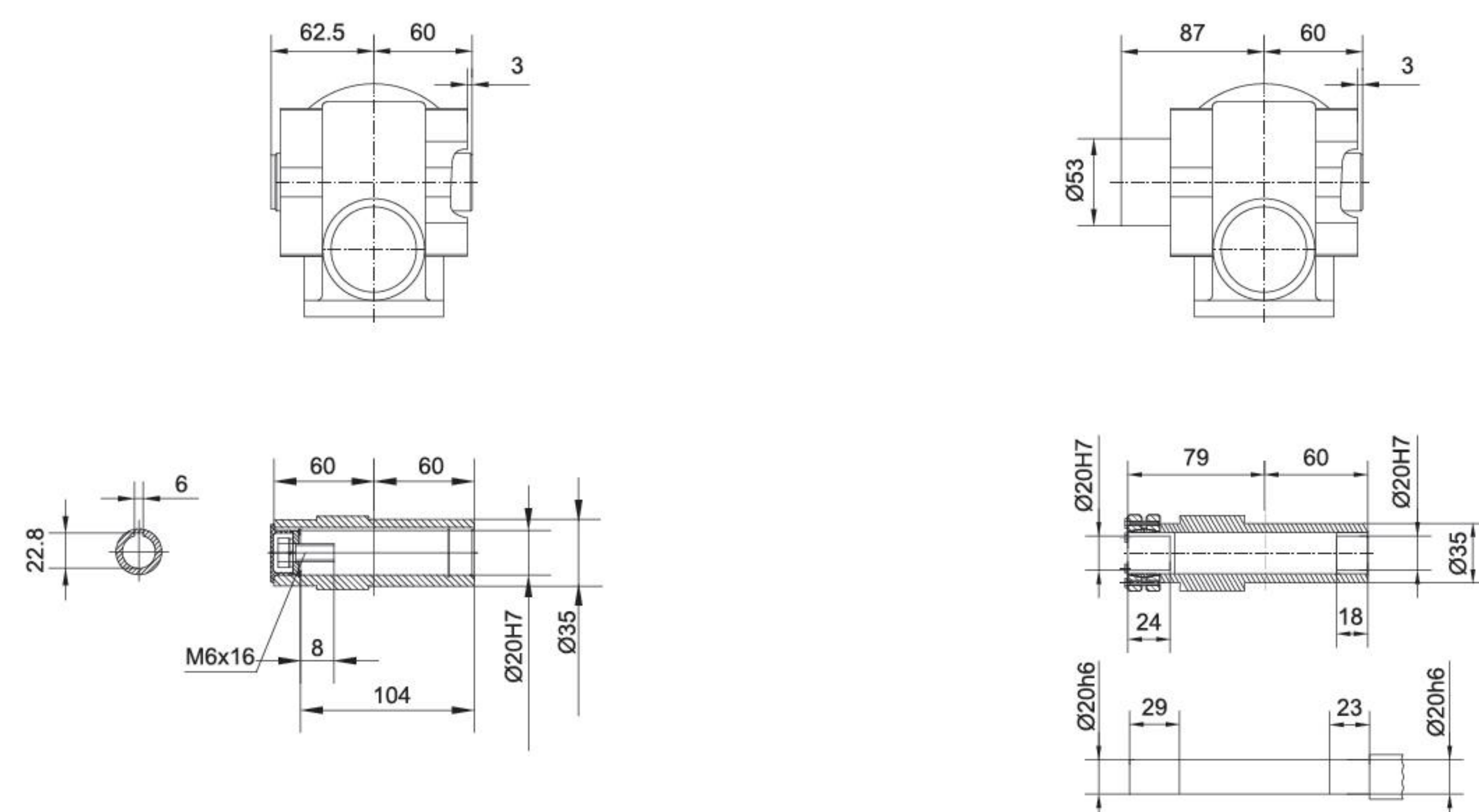
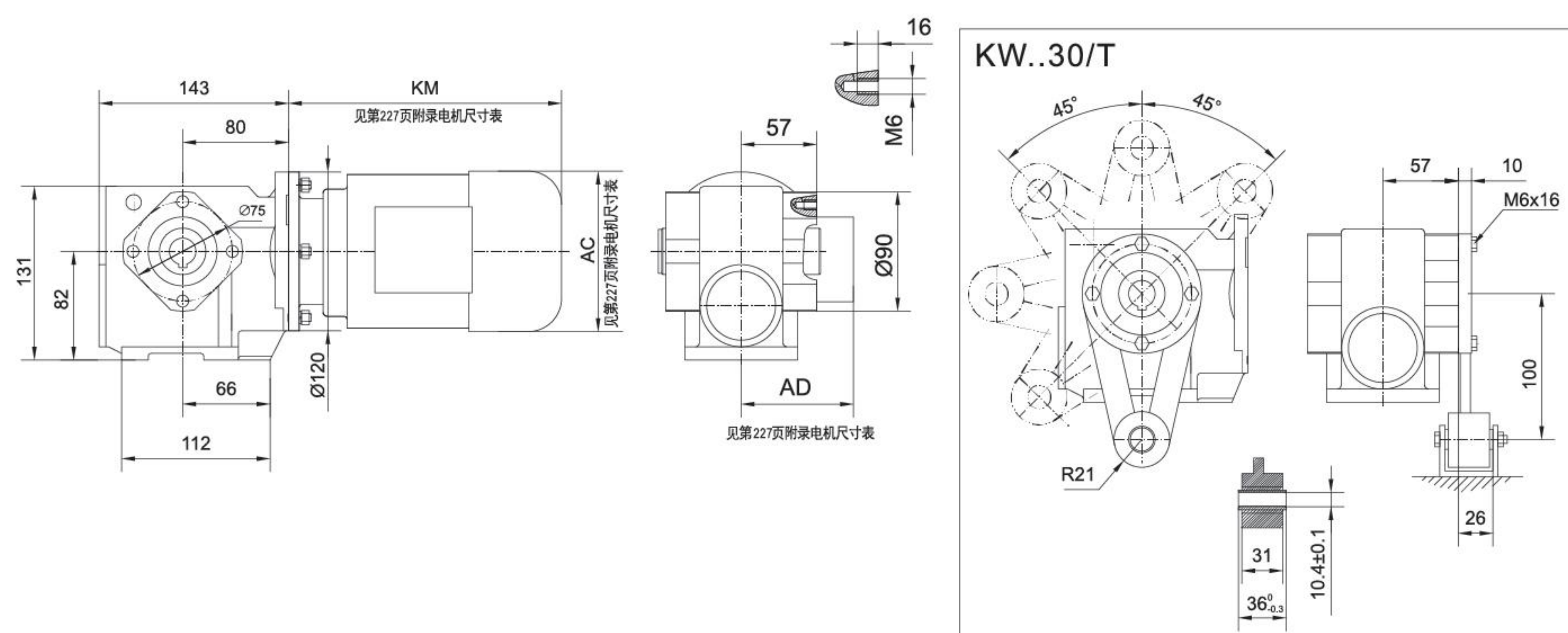
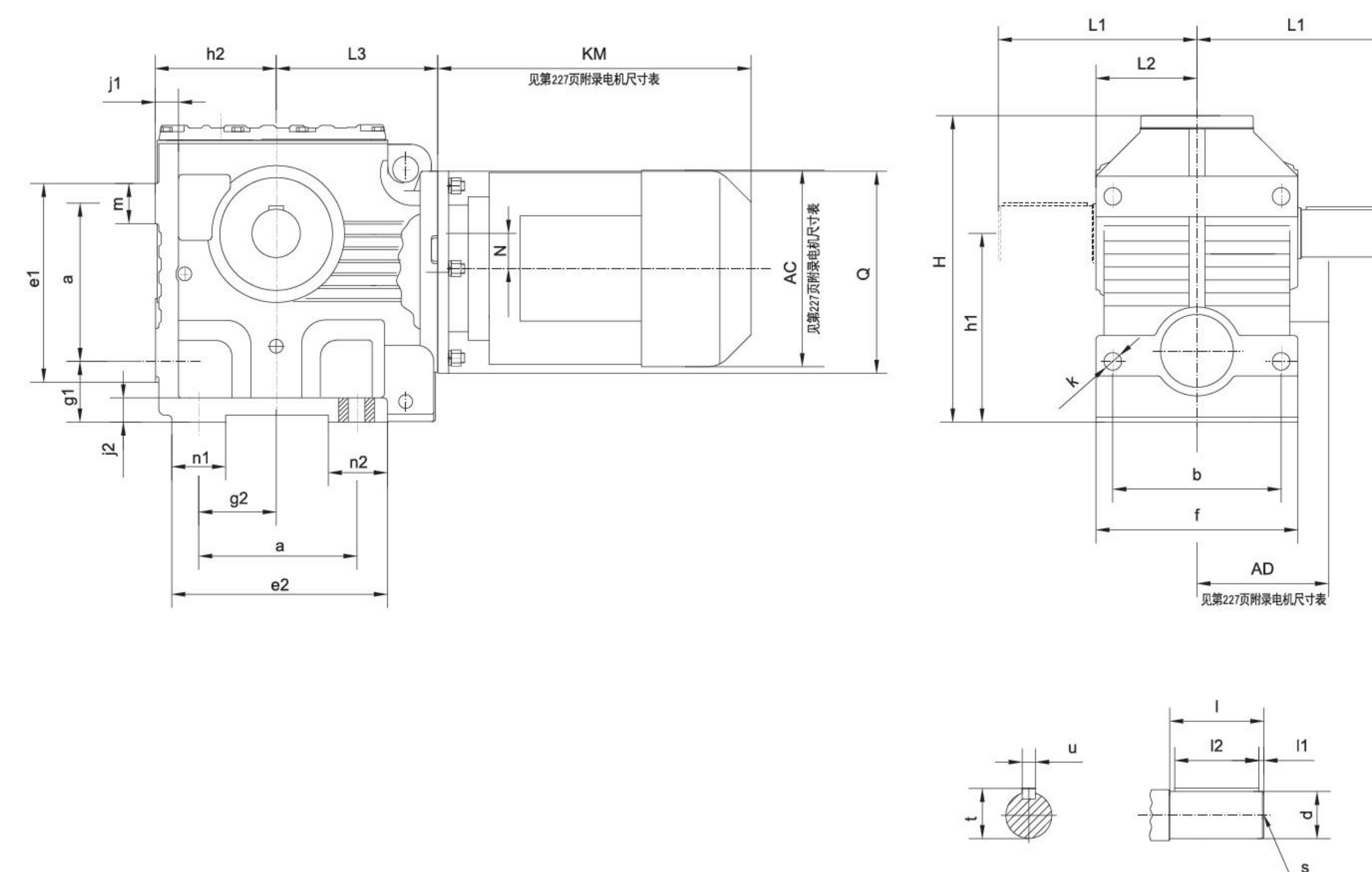
**KWF30..**



**KWAF30..**





**KWA30..****KW40..~KW90..**

| 型号<br>Model | a<br>b     | e <sub>1</sub><br>e <sub>2</sub><br>f | g <sub>1</sub><br>g <sub>2</sub> | h <sub>1</sub><br>h <sub>2</sub> | j<br>j<br>k | m<br>n <sub>1</sub><br>n <sub>2</sub> | 轴伸尺寸 Shaft dimension |                                  |     |            | L <sub>1</sub><br>L <sub>2</sub><br>L <sub>3</sub> | H   | N<br>Q      |
|-------------|------------|---------------------------------------|----------------------------------|----------------------------------|-------------|---------------------------------------|----------------------|----------------------------------|-----|------------|----------------------------------------------------|-----|-------------|
|             |            |                                       |                                  |                                  |             |                                       | d<br>l               | l <sub>1</sub><br>l <sub>2</sub> | s   | t<br>u     |                                                    |     |             |
| KW40..      | 80<br>100  | 105                                   | 35                               | 100 <sub>-0.5</sub>              | 12          | 25                                    | 25k6<br>50           | 5<br>40                          | M10 | 28<br>8    | 115                                                | 165 | 8<br>120    |
|             |            | 112                                   |                                  | 15                               | 30          | 60                                    |                      |                                  |     |            |                                                    |     |             |
|             |            | 120                                   |                                  | 11                               | 30          | 96                                    |                      |                                  |     |            |                                                    |     |             |
| KW50..      | 100<br>110 | 130                                   | 35                               | 112 <sub>-0.5</sub>              | 12          | 30                                    | 30k6<br>60           | 3.5<br>50                        | M10 | 33<br>8    | 134                                                | 189 | 20<br>120   |
|             |            | 130                                   |                                  | 15                               | 30          | 71                                    |                      |                                  |     |            |                                                    |     |             |
|             |            | 136                                   |                                  | 11                               | 30          | 107                                   |                      |                                  |     |            |                                                    |     |             |
| KW60..      | 130<br>130 | 170                                   | 40                               | 140 <sub>-0.5</sub>              | 15          | 40                                    | 35k6<br>70           | 7<br>56                          | M12 | 38<br>10   | 160                                                | 236 | 22<br>160   |
|             |            | 175                                   |                                  | 20                               | 45          | 85.5                                  |                      |                                  |     |            |                                                    |     |             |
|             |            | 160                                   |                                  | 13.5                             | 45          | 135                                   |                      |                                  |     |            |                                                    |     |             |
| KW70..      | 135<br>150 | 177                                   | 70                               | 180 <sub>-0.5</sub>              | 25          | 42                                    | 45k6<br>90           | 5<br>80                          | M16 | 48.5<br>14 | 195                                                | 301 | 34<br>200   |
|             |            | 204                                   |                                  | 25                               | 50          | 101                                   |                      |                                  |     |            |                                                    |     |             |
|             |            | 185                                   |                                  | 17.5                             | 69          | 162                                   |                      |                                  |     |            |                                                    |     |             |
| KW80..      | 180<br>200 | 230                                   | 82                               | 225 <sub>-0.5</sub>              | 30          | 50                                    | 60m6<br>120          | 5<br>110                         | M20 | 64<br>18   | 255                                                | 368 | 37.5<br>250 |
|             |            | 247                                   |                                  | 30                               | 60          | 130                                   |                      |                                  |     |            |                                                    |     |             |
|             |            | 250                                   |                                  | 22                               | 67          | 190                                   |                      |                                  |     |            |                                                    |     |             |
| KW90..      | 235<br>250 | 295                                   | 90                               | 280 <sub>-1</sub>                | 35          | 60                                    | 70m6<br>140          | 7.5<br>125                       | M20 | 74.5<br>20 | 295                                                | 455 | 52<br>300   |
|             |            | 320                                   |                                  | 35                               | 80          | 150                                   |                      |                                  |     |            |                                                    |     |             |
|             |            | 300                                   |                                  | 26                               | 85          | 240                                   |                      |                                  |     |            |                                                    |     |             |



**KWF40.. KWF90..**

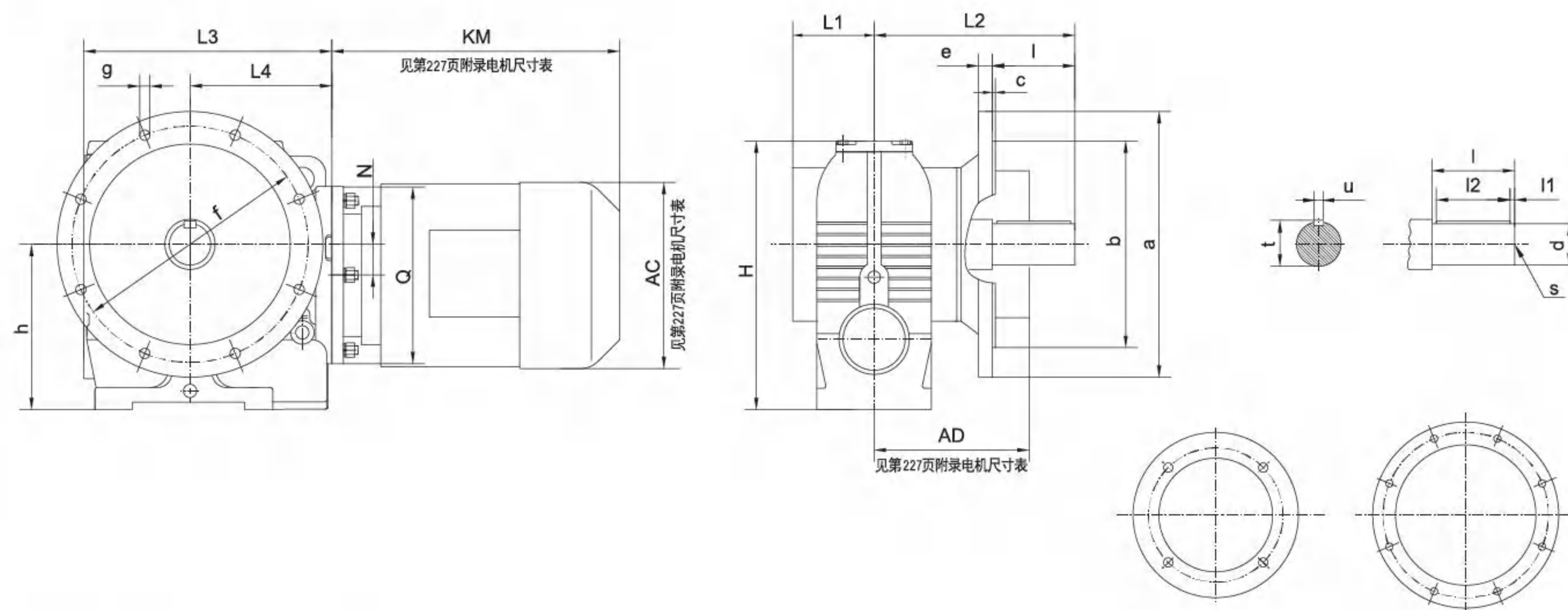
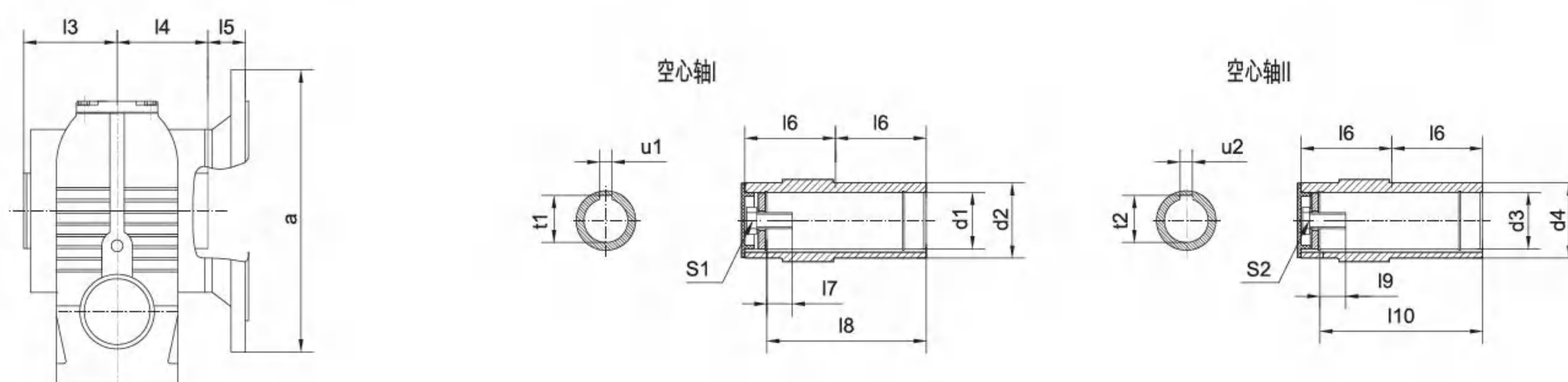


Fig.1                      Fig.2

法兰型式

**KWAF40.. KWAF90..**



| 型号<br>Model         | 法兰<br>型式<br>flange<br>form | a<br>b       | c<br>e    | f<br>g<br>h        | 轴伸尺寸<br>Shaft dimension |            |                   | 空心轴Ⅰ尺寸<br>Hollow shaft dimension |                    |                  |                      | 空心轴Ⅱ尺寸<br>Hollow shaft dimension |           |                      | H   | L1<br>L2<br>L3       | N<br>Q      |
|---------------------|----------------------------|--------------|-----------|--------------------|-------------------------|------------|-------------------|----------------------------------|--------------------|------------------|----------------------|----------------------------------|-----------|----------------------|-----|----------------------|-------------|
|                     |                            |              |           |                    | d<br>l                  | l1<br>l2   | s<br>t<br>u       | d1<br>d2                         | l3<br>l4<br>l5     | l6<br>l7<br>l8   | s<br>t<br>u          | d3<br>d4                         | l9<br>l10 | s2<br>t2<br>u2       |     |                      |             |
| KWF40..<br>KWAf40.. | Flg.1                      | 160<br>110j6 | 3.5<br>10 | 130<br>9<br>100    | 25k6<br>50              | 5<br>40    | M10<br>28<br>8    | 30 <sup>H7</sup><br>45           | 63<br>60<br>24     | 60<br>17<br>105  | M10X25<br>33.3<br>8  | 25 <sup>H7</sup><br>45           | 17<br>105 | M10X25<br>28.3<br>8  | 179 | 57.5<br>133.5<br>171 | 8<br>120    |
| KWF50..<br>KWAf50.. | Flg.1                      | 200<br>130j6 | 3.5<br>12 | 165<br>11<br>112   | 30k6<br>60              | 3.5<br>50  | M10<br>33<br>8    | 35 <sup>H7</sup><br>50           | 78<br>75<br>25     | 75<br>22<br>132  | M12X30<br>38.3<br>10 | 30 <sup>H7</sup><br>50           | 17<br>132 | M10X25<br>33.3<br>8  | 189 | 72<br>160<br>187     | 20<br>120   |
| KWF60..<br>KWAf60.. | Flg.1                      | 200<br>130j6 | 3.5<br>12 | 165<br>11<br>140   | 35k6<br>70              | 7<br>56    | M12<br>38<br>10   | 45 <sup>H7</sup><br>65           | 87<br>84<br>42.5   | 84<br>29<br>144  | M16X40<br>48.8<br>14 | 40 <sup>H7</sup><br>65           | 29<br>144 | M16X40<br>43.3<br>12 | 236 | 80.5<br>190<br>242   | 22<br>160   |
| KWF70..<br>KWAf70.. | Flg.1                      | 250<br>180j6 | 4<br>15   | 215<br>13.5<br>180 | 45k6<br>90              | 5<br>80    | M16<br>48.5<br>14 | 60 <sup>H7</sup><br>80           | 108<br>105<br>45.5 | 105<br>37<br>180 | M20X50<br>64.4<br>18 | 50 <sup>H7</sup><br>80           | 32<br>183 | M16X45<br>53.8<br>14 | 301 | 121<br>232<br>287    | 34<br>200   |
| KWF80..<br>KWAf80.. | Flg.1                      | 350<br>250h6 | 5<br>18   | 300<br>17.5<br>225 | 60m6<br>120             | 5<br>110   | M20<br>64<br>18   | 70 <sup>H7</sup><br>95           | 128<br>125<br>52.5 | 125<br>34<br>220 | M20X50<br>74.9<br>20 | 60 <sup>H7</sup><br>95           | 36<br>220 | M20X50<br>64.4<br>18 | 368 | 145<br>290<br>340    | 37.5<br>250 |
| KWF90..<br>KWAf90.. | Flg.2                      | 450<br>350h6 | 5<br>22   | 400<br>17.5<br>280 | 70m6<br>140             | 7.5<br>125 | M20<br>74.5<br>20 | 90 <sup>H7</sup><br>120          | 149<br>145<br>60   | 145<br>41<br>255 | M24X60<br>95.4<br>25 | 70 <sup>H7</sup><br>120          | 34<br>260 | M20X50<br>74.9<br>20 | 455 | 165<br>340<br>420    | 52<br>300   |

**KWHF40,, KWHF90,,**

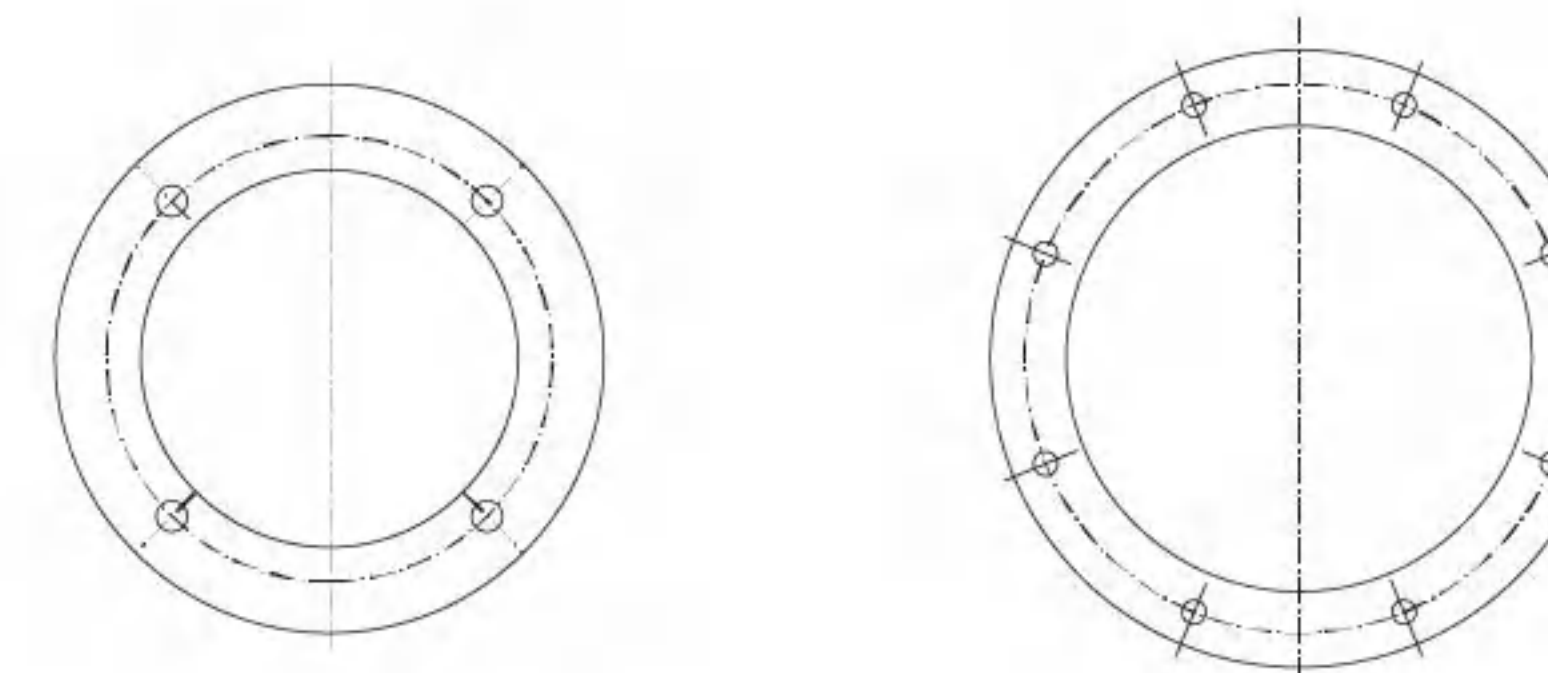
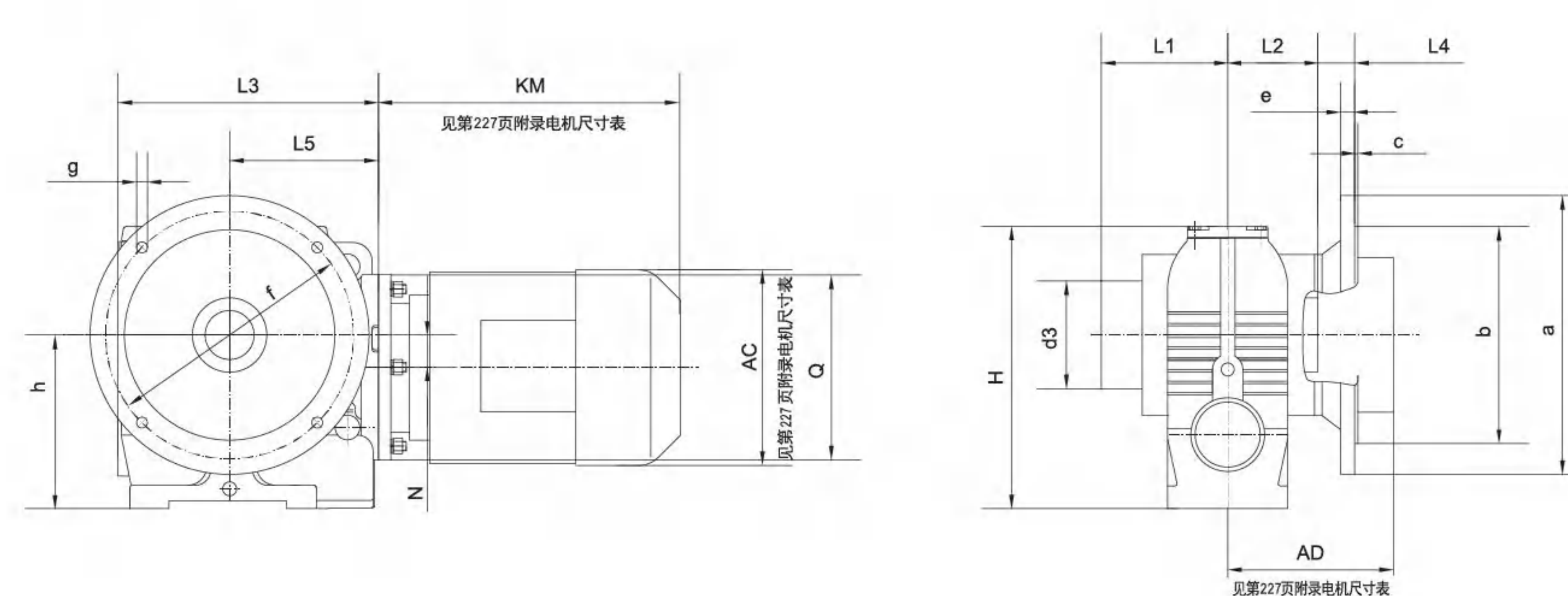
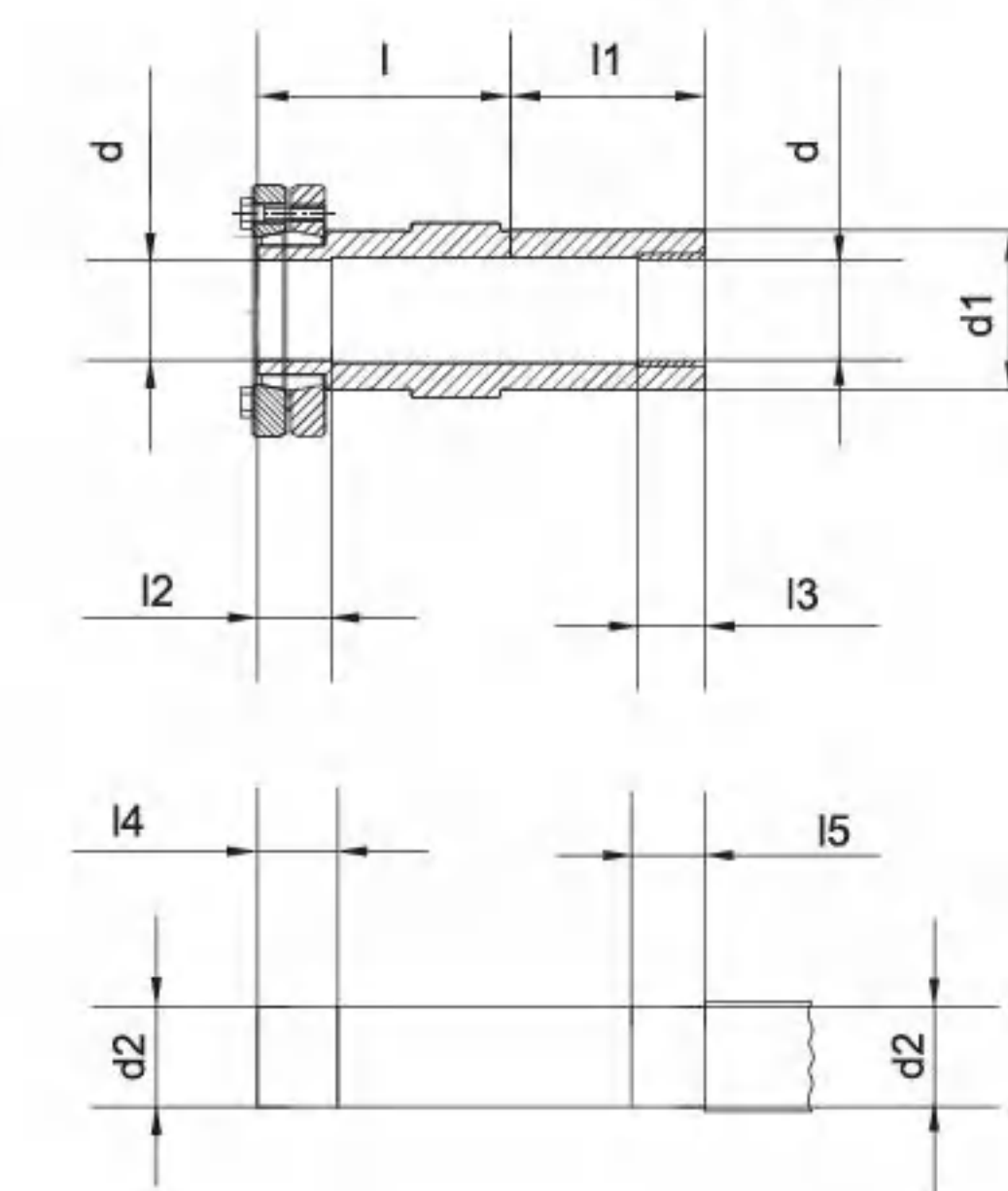


Fig.1

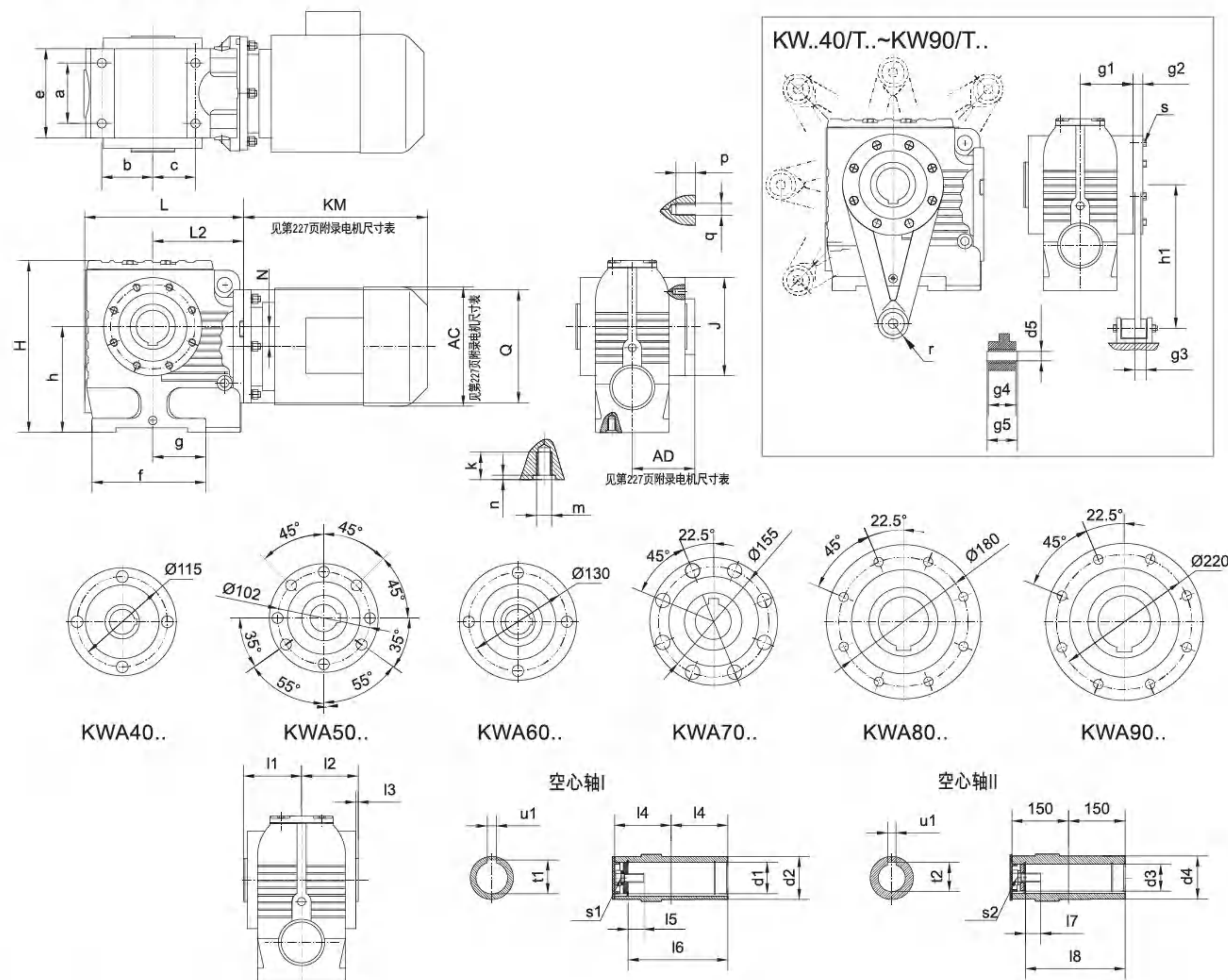
### 法兰型式



| 型号<br>Model | 法兰<br>型式<br>flange<br>form | a<br>b       | c<br>e    | f<br>g<br>h        | H<br>N<br>Q        | L <sub>1</sub><br>L <sub>2</sub> | L <sub>3</sub><br>L <sub>4</sub> | L <sub>5</sub><br>L <sub>6</sub> | 空心轴尺寸<br>Hollow shaft dimension |                                  |                                  |                                       |
|-------------|----------------------------|--------------|-----------|--------------------|--------------------|----------------------------------|----------------------------------|----------------------------------|---------------------------------|----------------------------------|----------------------------------|---------------------------------------|
|             |                            |              |           |                    |                    |                                  |                                  |                                  | l<br>l <sub>1</sub>             | l <sub>2</sub><br>l <sub>3</sub> | l <sub>4</sub><br>l <sub>5</sub> | d<br>d <sub>1</sub><br>d <sub>2</sub> |
| KWHF40..    | Fig.1                      | 160<br>110j6 | 3.5<br>10 | 130<br>9<br>100    | 179<br>8<br>120    | 95<br>60                         | 171<br>24                        | 96<br>75                         | 86<br>60                        | 31<br>20                         | 36<br>25                         | 30H7<br>45<br>30h6                    |
| KWHF50..    | Fig.1                      | 200<br>130j6 | 3.5<br>12 | 165<br>11<br>112   | 189<br>20<br>120   | 110<br>75                        | 187<br>25                        | 107<br>83                        | 102<br>75                       | 32<br>20                         | 37<br>25                         | 35H7<br>50<br>35h6                    |
| KWHF60..    | Fig.1                      | 200<br>130j6 | 3.5<br>12 | 165<br>11<br>140   | 236<br>22<br>160   | 120<br>84                        | 242<br>42.5                      | 135<br>93                        | 112<br>84                       | 38<br>20                         | 43<br>25                         | 40H7<br>65<br>40h6                    |
| KWHF70..    | Fig.1                      | 250<br>180j6 | 4<br>15   | 215<br>13.5<br>180 | 301<br>34<br>200   | 146<br>105                       | 287<br>45.5                      | 162<br>114                       | 136<br>105                      | 36<br>30                         | 41<br>35                         | 50H7<br>80<br>50h6                    |
| KWHF80..    | Fig.1                      | 350<br>250h6 | 5<br>18   | 300<br>17.5<br>225 | 368<br>37.5<br>250 | 176<br>125                       | 340<br>52.5                      | 190<br>157                       | 165<br>125                      | 40<br>40                         | 45<br>45                         | 65H7<br>95<br>65h6                    |
| KWHF90..    | Fig.2                      | 450<br>350h6 | 5<br>22   | 400<br>17.5<br>280 | 455<br>52<br>300   | 204<br>145                       | 420<br>60                        | 240<br>174                       | 190<br>145                      | 55<br>50                         | 60<br>55                         | 75H7<br>120<br>75h6                   |

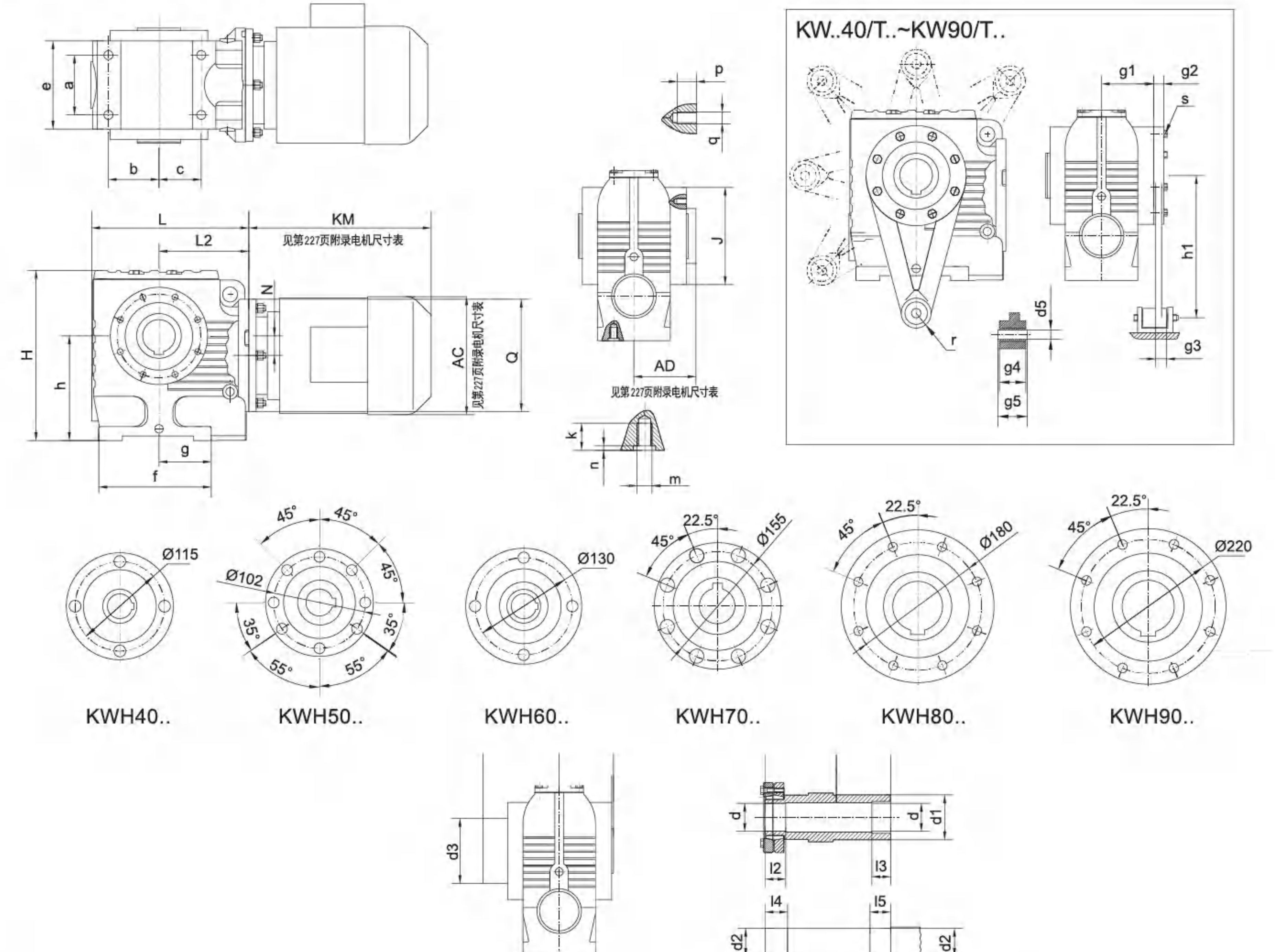


**KWA40..~KWA90..**



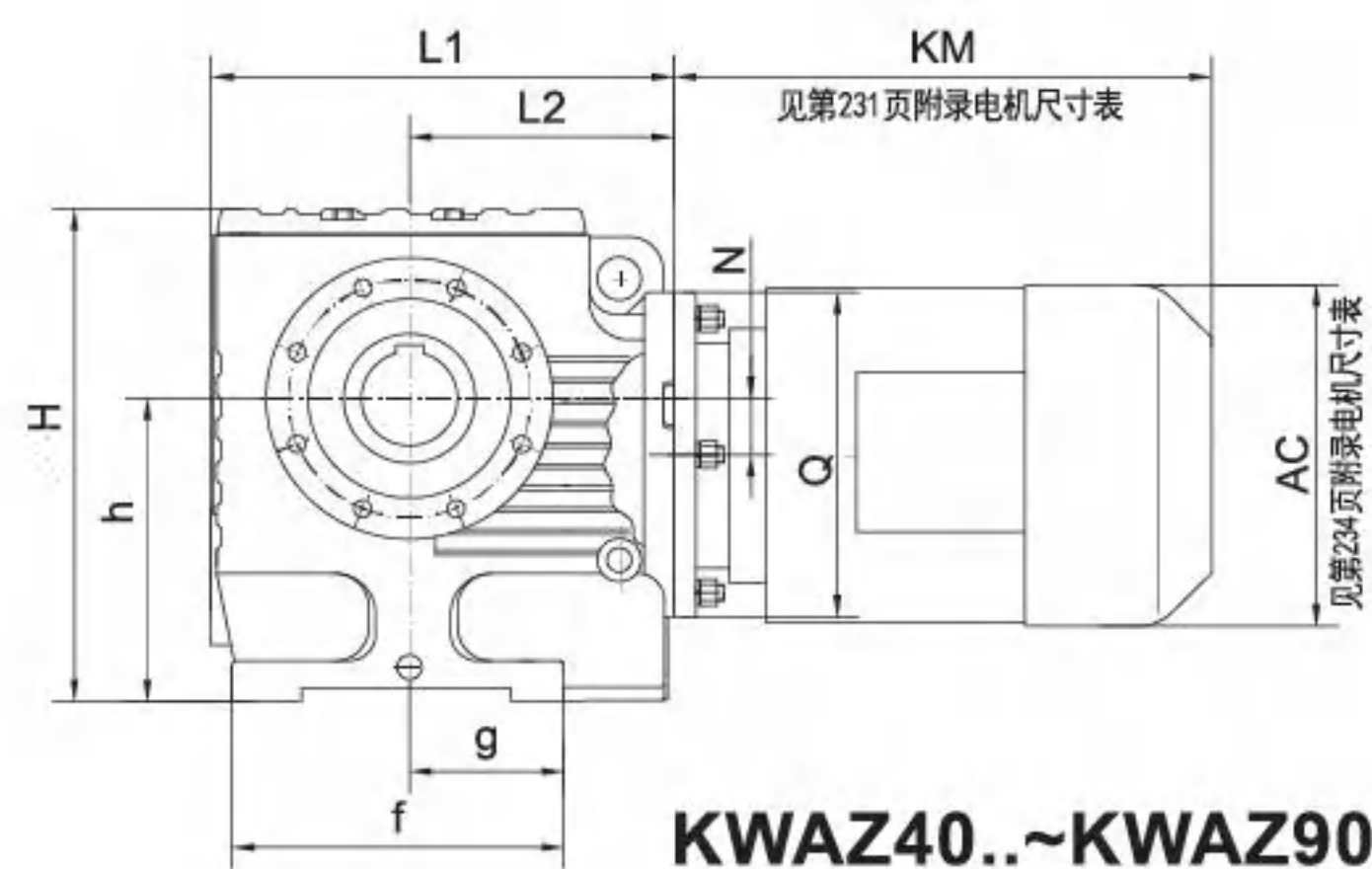
| 型号<br>Model           | a<br>b<br>c | e<br>f<br>g | h   | k<br>m<br>h | p<br>q | 空心轴 I 尺寸<br>Hollow shaft dimension |                |                |                | 空心轴 II 尺寸<br>Hollow shaft dimension |          |                | 扭矩臂尺寸<br>Torque arm form |                |               | H<br>L1<br>L2 | N<br>Q<br>J |
|-----------------------|-------------|-------------|-----|-------------|--------|------------------------------------|----------------|----------------|----------------|-------------------------------------|----------|----------------|--------------------------|----------------|---------------|---------------|-------------|
|                       |             |             |     |             |        | d1<br>d2                           | l1<br>l2<br>l3 | l4<br>l5<br>l6 | s1<br>t1<br>u1 | d3<br>d4                            | l7<br>l8 | s2<br>t2<br>u2 | g1<br>g2<br>g3           | g4<br>g5<br>h1 | d5<br>r<br>s3 |               |             |
|                       |             |             |     |             |        |                                    |                |                |                |                                     |          |                |                          |                |               |               |             |
| KWA40..<br>KW..40/T.. | 60          | 94          | 100 | 20          | 12     | 30 <sup>H7</sup>                   | 63             | 60             | M10X25         | 25 <sup>H7</sup>                    | 17       | M10X25         | 57.5                     | 31             | 10.4±0.1      | 179           | 8           |
|                       | 35          | 127         |     | M10         | M8     | 45                                 | 60             | 17             | 33.3           | 45                                  | 105      | 28.3           | 15                       | 36-0.3         | 21            | 171           | 120         |
|                       | 52          | 67          |     | 4           |        |                                    | 2.5            | 105            | 8              |                                     |          | 8              | 20.5                     | 130            | M8X25         | 96            | 130         |
| KWA50..<br>KW..50/T.. | 60          | 100         | 112 | 20          | 12     | 35 <sup>H7</sup>                   | 78             | 75             | M12X30         | 30 <sup>H7</sup>                    | 17       | M10X25         | 72                       | 31             | 10.4±0.1      | 189           | 20          |
|                       | 58.5        | 146         |     | M10         | M8     | 50                                 | 75             | 22             | 38.3           | 50                                  | 132      | 33.3           | 15                       | 36-0.3         | 21            | 187           | 120         |
|                       | 58.5        | 73          |     | 4           |        |                                    | 3              | 132            | 10             |                                     |          | 8              | 18.5                     | 160            | M8X25         | 107           | 120         |
| KWA60..<br>KW..60/T.. | 88          | 128         | 140 | 25          | 20     | 45 <sup>H7</sup>                   | 87             | 84             | M16X40         | 40 <sup>H7</sup>                    | 29       | M16X40         | 80.5                     | 31             | 10.4±0.1      | 236           | 22          |
|                       | 71.5        | 182         |     | M12         | M12    | 65                                 | 84             | 29             | 48.8           | 65                                  | 144      | 43.3           | 18                       | 36-0.3         | 21            | 242           | 160         |
|                       | 80.5        | 95.5        |     | 5           |        |                                    | 3.5            | 144            | 14             |                                     |          | 12             | 19.5                     | 200            | M12X35        | 135           | 155         |
| KWA70..<br>KW..70/T.. | 102         | 154         | 180 | 32          | 20     | 60 <sup>H7</sup>                   | 108            | 105            | M20X50         | 50 <sup>H7</sup>                    | 32       | M16X45         | 101                      | 54             | 16.4±0.08     | 301           | 34          |
|                       | 85          | 204         |     | M16         | M12    | 80                                 | 105            | 37             | 64.4           | 80                                  | 183      | 53.8           | 18                       | 60-0.3         | 30            | 287           | 200         |
|                       | 85          | 104         |     | 6           |        |                                    | 4              | 180            | 18             |                                     |          | 14             | 32.5                     | 250            | M12X35        | 162           | 178         |
| KWA80..<br>KW..80/T.. | 118         | 194         | 225 | 32          | 26     | 70 <sup>H7</sup>                   | 128            | 125            | M20X50         | 60 <sup>H7</sup>                    | 36       | M20X50         | 120                      | 54             | 16.4±0.08     | 368           | 37.5        |
|                       | 115         | 260         |     | M16         | M16    | 95                                 | 125            | 34             | 74.9           | 95                                  | 220      | 64.4           | 24                       | 60-0.5         | 30            | 340           | 250         |
|                       | 110         | 125         |     | 6           |        |                                    | 5              | 220            | 20             |                                     |          | 18             | 25.5                     | 310            | M16X45        | 190           | 215         |
| KWA90..<br>KW..90/T.. | 160         | 236         | 280 | 36          | 26     | 90 <sup>H7</sup>                   | 149            | 145            | M24X60         | 70 <sup>H7</sup>                    | 34       | M20X50         | 140                      | 72             | 25±0.08       | 455           | 52          |
|                       | 135         | 301         |     | M20         | M16    | 120                                | 145            | 41             | 95.4           | 120                                 | 260      | 74.9           | 26                       | 80-0.5         | 40            | 420           | 300         |
|                       | 113         | 140         |     | 6           |        |                                    | 5              | 255            | 25             |                                     |          | 20             | 33                       | 380            | M16X50        | 240           | 260         |

**KWH40..~KWH90..**

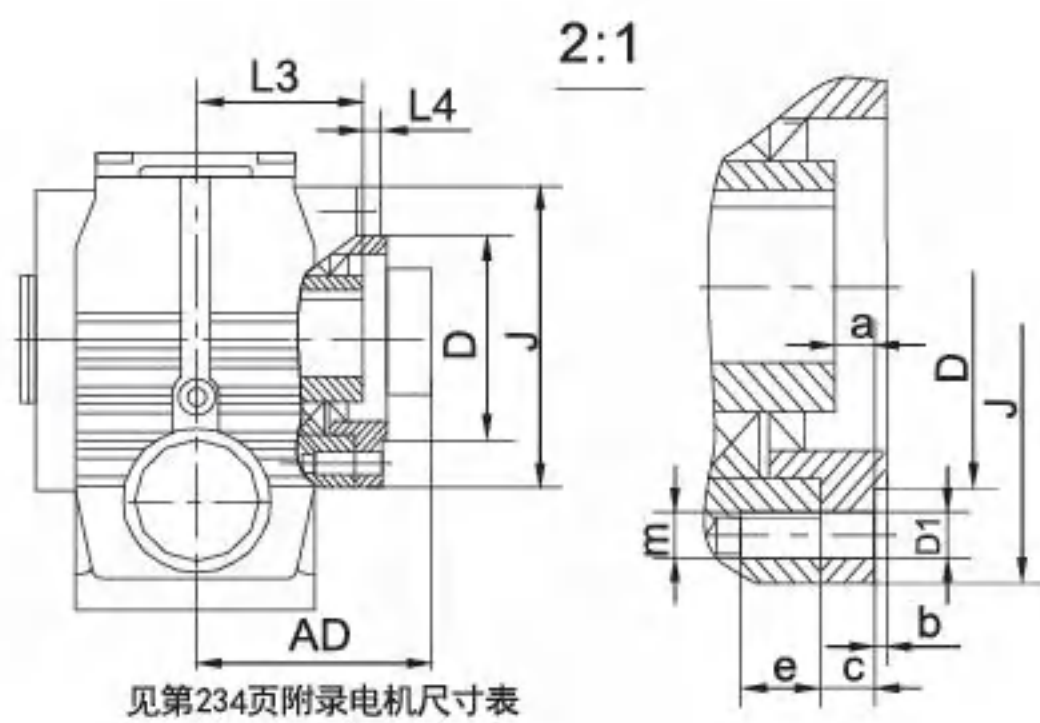


| 型号<br>Model             | a<br>b<br>c | e<br>f<br>g | h   | k<br>m<br>h | p<br>q | 空心轴尺寸<br>Hollow shaft dimension |          |          |         |          |     | 扭矩臂尺寸<br>Torque arm form |                |               | H<br>L1<br>L2 | L3<br>L4 | N<br>Q<br>J |
|-------------------------|-------------|-------------|-----|-------------|--------|---------------------------------|----------|----------|---------|----------|-----|--------------------------|----------------|---------------|---------------|----------|-------------|
|                         |             |             |     |             |        | L<br>L1                         | L2<br>L3 | L4<br>L5 | L6<br>d | d1<br>d2 | d3  | g1<br>g2<br>g3           | g4<br>g5<br>h1 | d5<br>r<br>s3 |               |          |             |
| KWH40/T..<br>KW..40/T.. | 60          | 94          |     | 20          | 12     | 86                              | 31       | 36       | 95      | 45       |     | 57.5                     | 31             | 10.4±0.1      | 179           | 60       | 8           |
|                         | 35          | 127         | 100 | M10         | M8     | 60                              | 20       | 25       | 30H7    | 30h6     | 75  | 15                       | 36-0.3         | 21            | 171           | 2.5      | 120         |
|                         | 52          | 67          |     | 4           |        |                                 |          |          |         |          |     | 20.5                     | 130            | M8×25         | 96            |          | 130         |
| KWH50/T..<br>KW..50/T.. | 60          | 100         |     | 20          | 12     | 102                             | 32       | 37       | 110     | 50       |     | 72                       | 31             | 10.4±0.1      | 189           | 75       | 20          |
|                         | 58.5        | 146         | 112 | M10         | M8     | 75                              | 20       | 25       | 35H7    | 35h6     | 83  | 15                       | 36-0.3         | 21            | 187           | 2.5      | 120         |
|                         | 58.5        | 73          |     | 4           |        |                                 |          |          |         |          |     | 18.5                     | 160            | M8×25         | 107           |          | 120         |
| KWH60/T..<br>KW..60/T.. | 88          | 128         |     | 25          | 20     | 112                             | 38       | 43       | 120     | 65       |     | 80.5                     | 31             | 10.4±0.1      | 236           | 84       | 22          |
|                         | 71.5        | 182         | 140 | M12         | M12    | 84                              | 20       | 25       | 40H7    | 40h6     | 93  | 18                       | 36-0.3         | 21            | 242           | 3.5      | 160         |
|                         | 80.5        | 95.5        |     | 5           |        |                                 |          |          |         |          |     | 19.5                     | 200            | M12×35        | 135           |          | 155         |
| KWH70/T..<br>KW..70/T.. | 102         | 154         |     | 32          | 20     | 136                             | 36       | 41       | 146     | 80       |     | 101                      | 54             | 16.4±0.08     | 301           | 105      | 34          |
|                         | 85          | 204         | 180 | M16         | M12    | 105                             | 30       | 35       | 50H7    | 50h6     | 114 | 18                       | 60-0.3         | 30            | 287           | 4        | 200         |
|                         | 85          | 104         |     | 6           |        |                                 |          |          |         |          |     | 32.5                     | 250            | M12×35        | 162           |          | 178         |
| KWH80/T..<br>KW..80/T.. | 118         | 194         |     | 32          | 26     | 165                             | 40       | 45       | 176     | 95       |     | 120                      | 54             | 16.4±0.08     | 368           | 125      | 37.5        |
|                         | 115         | 260         | 225 | M16         | M16    | 125                             | 40       | 45       | 65H7    | 65h6     | 157 | 24                       | 60-0.5         | 30            | 340           | 5        | 250         |
|                         | 110         | 125         |     | 6           |        |                                 |          |          |         |          |     | 25.5                     | 310            | M16×45        | 190           |          | 215         |
| KWH90/T..<br>KW..90/T.. | 160         | 236         |     | 36          | 26     | 190                             | 55       | 60       | 204     | 120      |     | 140                      | 72             | 25±0.08       | 455           | 146      | 52          |
|                         | 135         | 301         | 280 | M20         | M16    | 145                             | 50       | 55       | 75H7    | 75h6     | 174 | 26                       | 80-0.5         | 40            | 420           | 5        | 300         |
|                         | 113         | 140         |     | 6           |        |                                 |          |          |         |          |     | 33                       | 380            | M16×50        | 240           |          | 260         |

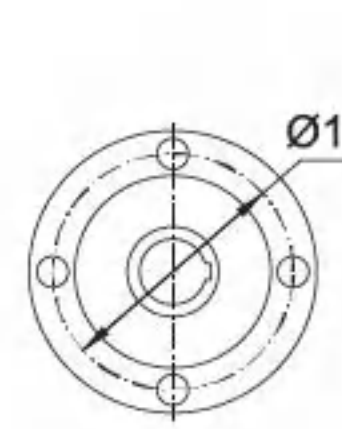
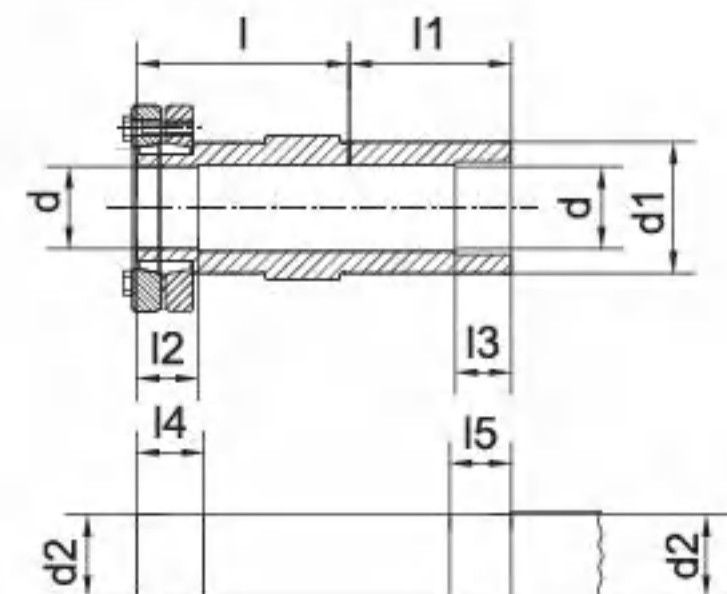
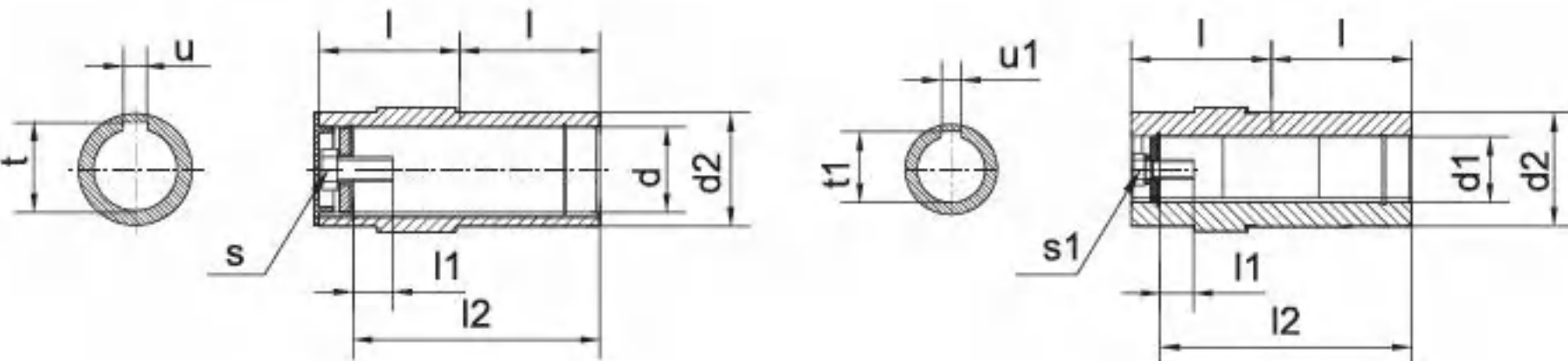
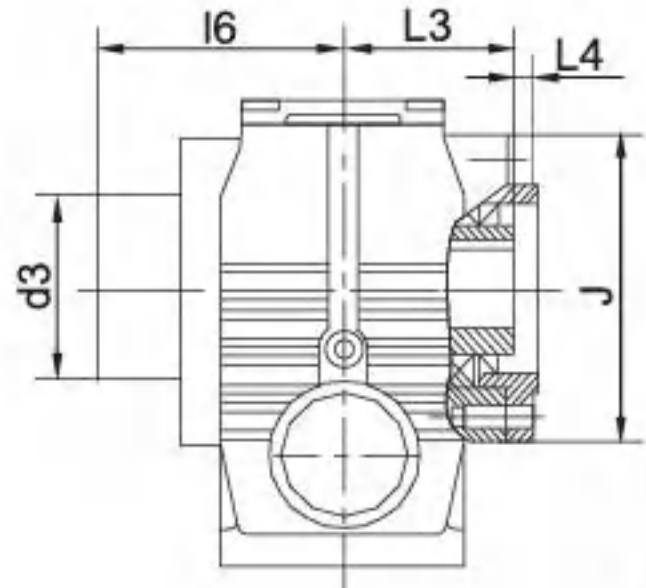
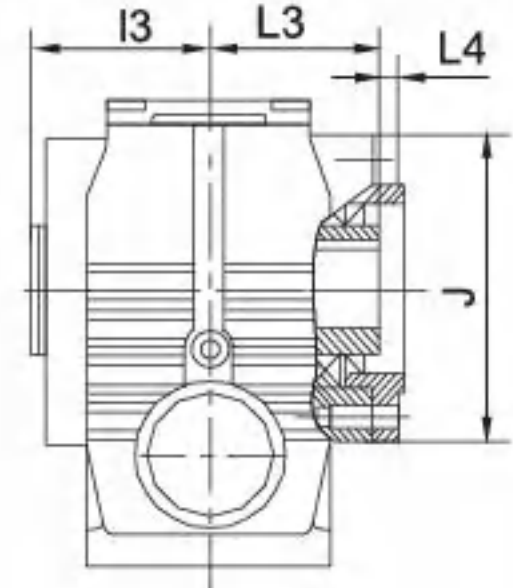




KWAZ40..~KWAZ90..



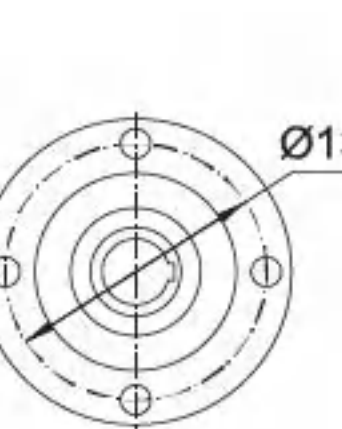
KWHZ40..~KWHZ90..



KW..Z40



KW..Z50



KW..Z60



KW..Z70



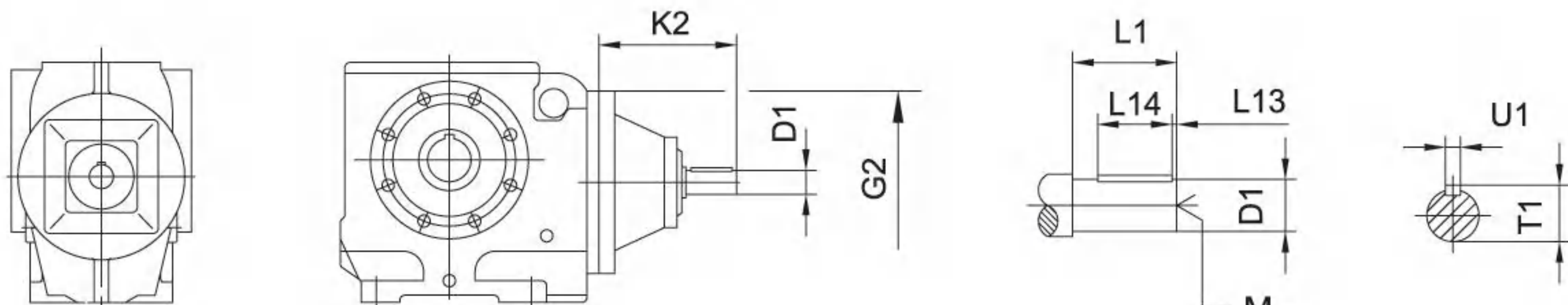
KW..Z80



KW..Z90

| 型号<br>Model          | a<br>b<br>c      | e<br>f<br>g        | h<br>m     | D<br>D1       | I   | I1  | I2  | I3  | I4 | I5 | I6  | d    | d1   | d2   | d3  | u  | u1 | T    | T1   | S      | S1     | H<br>L1<br>L2     | L3<br>L7 | N<br>Q<br>J       |
|----------------------|------------------|--------------------|------------|---------------|-----|-----|-----|-----|----|----|-----|------|------|------|-----|----|----|------|------|--------|--------|-------------------|----------|-------------------|
| KWAZ40..<br>KWHZ40.. | 8.5<br>3<br>11   | 12<br>127<br>67    | 100<br>M8  | 95j6<br>9     | 60  | 17  | 105 | 63  | -  | -  | -   | 30H7 | 25H7 | 45   | -   | 8  | 8  | 33.3 | 28.3 | M10×25 | M10×25 | 179<br>171<br>96  | 60       | 8<br>120<br>130   |
|                      |                  |                    |            |               | 86  | 60  | 31  | 20  | 36 | 25 | 95  | 30H7 | 45   | 30h6 | 75  | -  | -  | -    | -    | -      | -      | -                 | 8.5      | -                 |
| KWAZ50..<br>KWHZ50.. | 8<br>3<br>11     | 12<br>146<br>73    | 112<br>M8  | 80j6<br>9     | 75  | 22  | 132 | 78  | -  | -  | -   | 35H7 | 30H7 | 50   | -   | 10 | 8  | 38.3 | 33.3 | M12×30 | M10×25 | 189<br>187<br>107 | 75       | 20<br>120<br>120  |
|                      |                  |                    |            |               | 102 | 75  | 32  | 20  | 37 | 25 | 110 | 35H7 | 50   | 35h6 | 83  | -  | -  | -    | -    | -      | -      | -                 | 8        | -                 |
| KWAZ60..<br>KWHZ60.. | 9.5<br>3.5<br>13 | 20<br>182<br>95.5  | 140<br>M12 | 105j6<br>13.5 | 84  | 29  | 144 | 87  | -  | -  | -   | 45H7 | 40H7 | 65   | -   | 14 | 12 | 48.8 | 43.3 | M16×40 | M16×40 | 236<br>242<br>135 | 84       | 22<br>160<br>155  |
|                      |                  |                    |            |               | 112 | 84  | 38  | 20  | 43 | 25 | 120 | 40H7 | 65   | 40h6 | 93  | -  | -  | -    | -    | -      | -      | -                 | 9.5      | -                 |
| KWAZ70..<br>KWHZ70.. | 14.5<br>4<br>-   | 18.5<br>204<br>104 | 180<br>M12 | 125j6<br>13.5 | 105 | 37  | 180 | 108 | -  | -  | -   | 60H7 | 50H7 | 80   | -   | 18 | 14 | 64.4 | 53.8 | M20×50 | M16×45 | 301<br>287<br>162 | 105      | 34<br>200<br>178  |
|                      |                  |                    |            |               | 136 | 105 | 36  | 30  | 41 | 35 | 146 | 50H7 | 80   | 50h6 | 114 | -  | -  | -    | -    | -      | -      | -                 | 14.5     | -                 |
| KWAZ80..<br>KWHZ80.. | 18.5<br>5<br>-   | 23.5<br>260<br>125 | 225<br>M16 | 150j6<br>17.5 | 125 | 36  | 220 | 128 | -  | -  | -   | 70H7 | 60H7 | 95   | -   | 20 | 18 | 74.9 | 64.4 | M20×50 | M20×50 | 368<br>340<br>190 | 125      | 375<br>250<br>215 |
|                      |                  |                    |            |               | 165 | 125 | 40  | 40  | 45 | 45 | 176 | 65H7 | 95   | 65h6 | 157 | -  | -  | -    | -    | -      | -      | -                 | 18.5     | -                 |
| KWAZ90..<br>KWHZ90.. | 18.5<br>5<br>-   | 23.5<br>301<br>140 | 280<br>M16 | 180j6<br>17.5 | 145 | 41  | 255 | 149 | -  | -  | -   | 90H7 | 70H7 | 120  | -   | 25 | 20 | 95.4 | 74.9 | M24×60 | M20×50 | 455<br>420<br>240 | 145      | 52<br>300<br>260  |
|                      |                  |                    |            |               | 190 | 145 | 55  | 50  | 60 | 55 | 204 | 75H7 | 120  | 75h6 | 174 | -  | -  | -    | -    | -      | -      | -                 | 18.5     | -                 |

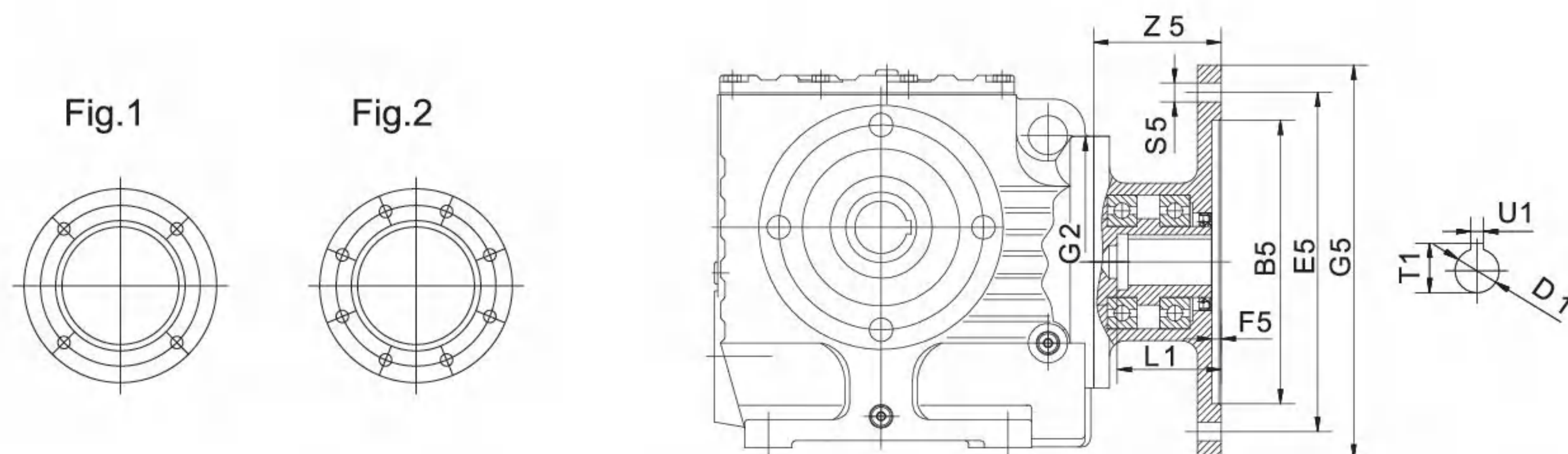
KW..~AD..



|                         |     | G2  | K2  | D1 | L1  | L13 | L14 | T1   | U1 | M   |
|-------------------------|-----|-----|-----|----|-----|-----|-----|------|----|-----|
| KW..30<br>KW..40,KW..50 | AD1 | 120 | 102 | 16 | 40  | 4   | 32  | 18   | 5  | M5  |
|                         | AD2 |     | 130 | 19 | 40  | 4   | 32  | 21.5 | 6  | M6  |
| KW..60                  | AD2 | 160 | 123 | 19 | 40  | 4   | 32  | 21.5 | 6  | M6  |
|                         | AD3 |     | 159 | 24 | 50  | 5   | 40  | 27   | 8  | M8  |
| KW..70                  | AD2 | 200 | 116 | 19 | 40  | 4   | 32  | 21.5 | 6  | M6  |
|                         | AD3 |     | 151 | 24 | 50  | 5   | 40  | 27   | 8  | M8  |
|                         | AD4 |     | 224 | 38 | 80  | 5   | 70  | 41   | 10 | M12 |
| KW..80                  | AD2 | 250 | 111 | 19 | 40  | 4   | 32  | 21.5 | 6  | M6  |
|                         | AD3 |     | 156 | 28 | 60  | 5   | 50  | 31   | 8  | M10 |
|                         | AD4 |     | 219 | 38 | 80  | 5   | 70  | 41   | 10 | M12 |
|                         | AD5 |     | 292 | 42 | 110 | 10  | 70  | 45   | 12 | M16 |
| KW..90                  | AD3 | 300 | 151 | 28 | 60  | 5   | 50  | 31   | 8  | M10 |
|                         | AD4 |     | 214 | 38 | 80  | 5   | 70  | 41   | 10 | M12 |
|                         | AD5 |     | 287 | 42 | 110 | 10  | 70  | 45   | 12 | M16 |
|                         | AD6 |     | 324 | 48 | 110 | 10  | 80  | 51.5 | 14 | M16 |



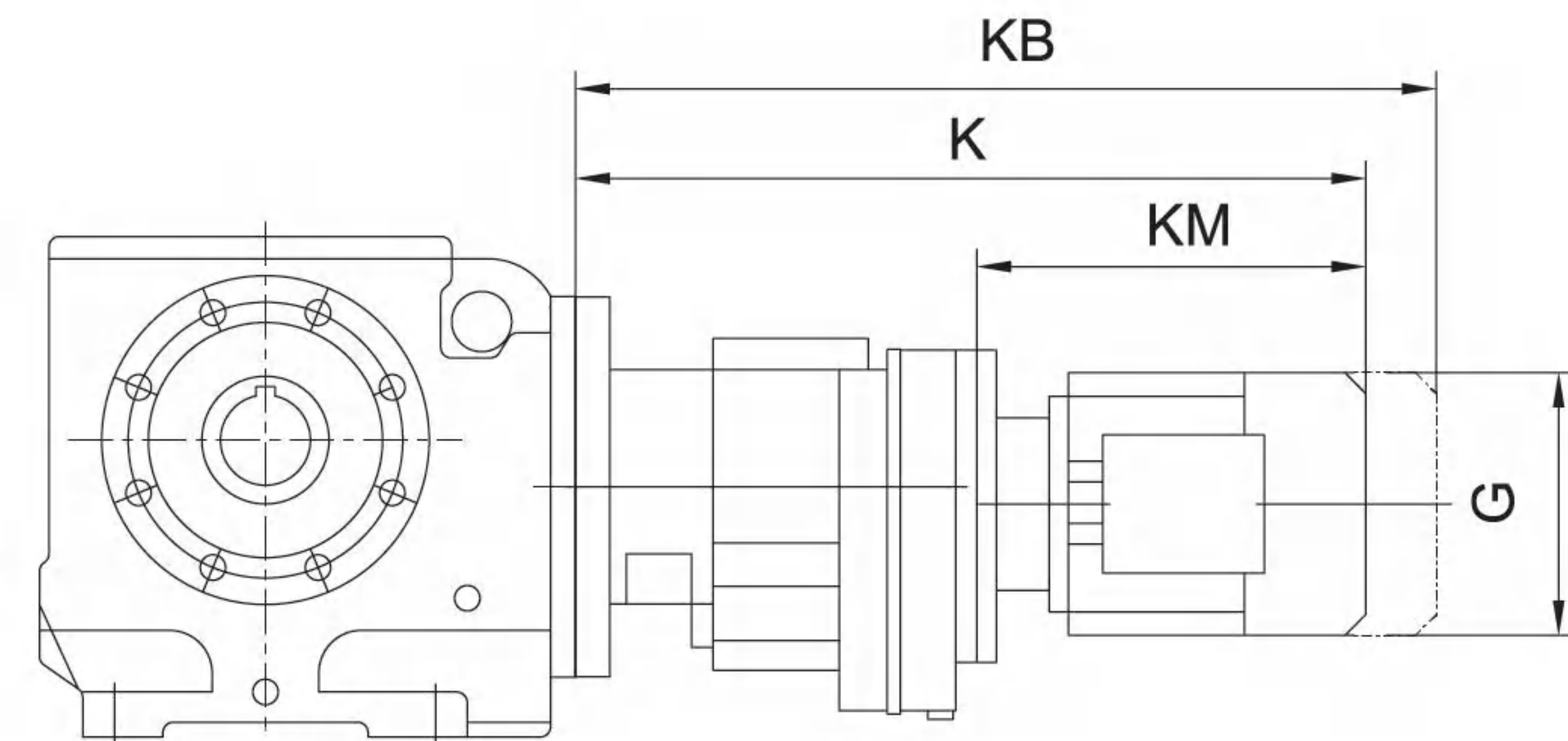
**KW..~AM..**



|                            |                                              | Fig | B5  | E5  | F5  | G2  | G5  | S5  | Z5  | D1 | L1   | T1   | U1  |
|----------------------------|----------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|----|------|------|-----|
| KW..30<br>KW..40<br>KW..50 | AM63                                         | 1   | 95  | 115 | 3.5 | 120 | 140 | M8  | 50  | 11 | 23   | 12.8 | 4   |
|                            | AM71 <sup>1)</sup>                           |     | 110 | 130 |     |     | 160 |     | 54  | 14 | 30   | 16.3 | 5   |
|                            | AM80 <sup>1)</sup>                           |     | 130 | 165 | 4.5 |     | 200 | M10 | 69  | 19 | 40   | 21.8 | 6   |
|                            | AM90 <sup>1)</sup>                           |     |     |     |     |     |     |     | 24  | 50 | 27.3 | 8    |     |
| KW..60                     | AM63                                         | 1   | 95  | 115 | 3.5 | 160 | 140 | M8  | 50  | 11 | 23   | 12.8 | 4   |
|                            | AM71                                         |     | 110 | 130 |     |     | 160 |     | 54  | 14 | 30   | 16.3 | 5   |
|                            | AM80                                         |     | 130 | 165 | 4.5 |     | 200 | M10 | 69  | 19 | 40   | 21.8 | 6   |
|                            | AM90                                         |     |     |     |     |     |     |     | 24  | 50 | 27.3 | 8    |     |
|                            | AM100 <sup>1)</sup>                          |     | 180 | 215 | 5   |     | 250 | M12 | 81  | 28 | 60   | 31.3 | 8   |
|                            | AM112 <sup>1)</sup>                          |     |     |     |     |     |     |     |     |    |      |      |     |
| KW..70                     | AM63                                         | 1   | 95  | 115 | 3.5 | 200 | 140 | M8  | 54  | 11 | 23   | 12.8 | 4   |
|                            | AM71                                         |     | 110 | 130 |     |     | 160 |     |     | 14 | 30   | 16.3 | 5   |
|                            | AM80                                         |     | 130 | 165 | 4.5 |     | 200 | M10 | 69  | 19 | 40   | 21.8 | 6   |
|                            | AM90                                         |     |     |     |     |     |     |     | 24  | 50 | 27.3 | 8    |     |
|                            | AM100 <sup>1)</sup>                          |     | 180 | 215 | 5   |     | 250 | M12 | 81  | 28 | 60   | 31.3 | 8   |
|                            | AM112 <sup>1)</sup>                          |     |     |     |     |     |     |     |     |    |      |      |     |
|                            | AM132S <sup>1)</sup><br>AM132M <sup>1)</sup> |     | 230 | 265 | 5   |     | 300 | M12 | 92  | 38 | 80   | 41.3 | 10  |
|                            | AM132ML <sup>1)</sup>                        |     |     |     |     |     |     |     |     |    |      |      |     |
| KW..80                     | AM80                                         | 1   | 130 | 165 | 4.5 | 250 | 200 | M10 | 69  | 19 | 40   | 21.8 | 6   |
|                            | AM90                                         |     |     |     |     |     |     |     |     | 24 | 50   | 27.3 | 8   |
|                            | AM100                                        |     | 180 | 215 | 5   |     | 250 | M12 | 81  | 28 | 60   | 31.3 | 8   |
|                            | AM112                                        |     |     |     |     |     |     |     |     |    |      |      |     |
|                            | AM132MS<br>AM132M                            |     | 230 | 265 | 5   |     | 300 | M12 | 92  | 38 | 80   | 41.3 | 10  |
|                            | AM132ML                                      |     |     |     |     |     |     |     |     |    |      |      |     |
|                            | AM160 <sup>1)</sup>                          |     | 250 | 300 | 6   |     | 350 | M16 | 125 | 42 | 110  | 45.3 | 12  |
|                            | AM180 <sup>1)</sup>                          |     |     |     |     |     |     |     |     | 48 |      | 51.8 | 14  |
| KW..90                     | AM100                                        | 1   | 180 | 215 | 5   | 300 | 250 | M12 | 81  | 28 | 60   | 31.3 | 8   |
|                            | AM112                                        |     |     |     |     |     |     |     |     |    |      |      |     |
|                            | AM132S<br>AM132M                             |     | 230 | 265 | 5   |     | 300 | M12 | 92  | 38 | 80   | 41.3 | 10  |
|                            | AM132ML                                      |     |     |     |     |     |     |     |     |    |      |      |     |
|                            | AM160                                        |     | 250 | 300 | 6   |     | 350 | M16 | 125 | 42 | 110  | 45.3 | 12  |
|                            | AM180                                        |     |     |     |     |     |     |     |     | 48 |      | 51.8 | 14  |
|                            | AM200 <sup>1)</sup>                          |     | 300 | 350 | 7   |     | 400 | M16 | 144 | 55 | 110  | 59.3 | 16  |
|                            | AM225 <sup>1)</sup>                          | 2   |     |     |     |     |     |     |     |    |      | 350  | 400 |

1) 如果安装在BS系列脚安装方式的减速机伞, 请检查尺寸G5/2, 它可能已突出安装平面。  
Dimension G5/2 May protrude past foot mounting surface if mounted on BS foot – mounted gear unit, please check.

**KW..~H..**



|                        |       | G   | K   | KB  | KM  |
|------------------------|-------|-----|-----|-----|-----|
| KW..30H10              | D63.. | 155 | 368 | 425 | 193 |
|                        | D71D  | 155 | 369 | 433 | 194 |
|                        | D80.. | 155 | 419 | 483 | 244 |
| KW..40H10<br>KW..50H30 | D63.. | 155 | 400 | 425 | 193 |
|                        | D71D  | 155 | 401 | 433 | 194 |
|                        | D80.. | 155 | 451 | 483 | 244 |
| KW..60H30              | D63.. | 155 | 410 | 457 | 235 |
|                        | D71D  | 155 | 401 | 465 | 236 |
|                        | D80.. | 155 | 451 | 515 | 286 |
|                        | D90.. | 155 | 451 | 536 | 286 |
| KW..70H30              | D63.. | 155 | 392 | 449 | 235 |
|                        | D71D  | 155 | 393 | 457 | 236 |
|                        | D80.. | 155 | 443 | 507 | 286 |
|                        | D90.. | 210 | 443 | 528 | 286 |
| KW..80H50              | D63.. | 155 | 445 | 502 | 229 |
|                        | D71D  | 155 | 445 | 509 | 229 |
|                        | D80.. | 155 | 495 | 559 | 279 |
|                        | D90.. | 210 | 495 | 580 | 279 |
|                        | D100M | 210 | 545 | 630 | 329 |
|                        | D100L | 210 | 565 | 650 | 349 |
|                        | D112M | 240 | 575 | 655 | 364 |
| KW..90H50              | D63.. | 155 | 440 | 497 | 229 |
|                        | D71D  | 155 | 440 | 504 | 229 |
|                        | D80.. | 155 | 490 | 554 | 279 |
|                        | D90.. | 210 | 510 | 595 | 299 |
|                        | D100M | 210 | 540 | 625 | 329 |
|                        | D100L | 210 | 560 | 645 | 349 |
|                        | D112M | 240 | 575 | 655 | 364 |

注: 上表中电机尺寸为参考尺寸, 因空间限制对电机尺寸有严格要求时请向我公司咨询。  
Notes: The dimension of motor in the above table is only reference. If you have special requirement please consult us.



## 9. 设计和装配注意事项 Important notes of design and mounting

### 9.1 拆装单键空心轴减速机

#### 9.1 Installation / removal of gear units with hollow shafts and keys

**重要提示**  
Installation

- 在装配过程中一定要使用所供应的润滑剂。它的作用是防止接触腐蚀和便于拆卸。  
Always use the supplied Lubricant during the assembly procedure. It avoids contact corrosion and easy for disassembly.
- 键的尺寸X是由用户确定，但X必须>DK。  
The key dimension X is defined by the customer, however X must be > DK.

**安装**  
Customer shaft

KPM推荐两种方法将用户轴安装到单键空心轴上。  
KPM recommends two methods for mounting gear unit with hollow shafts and keys onto the input shaft of the driven machine (=customer shaft):

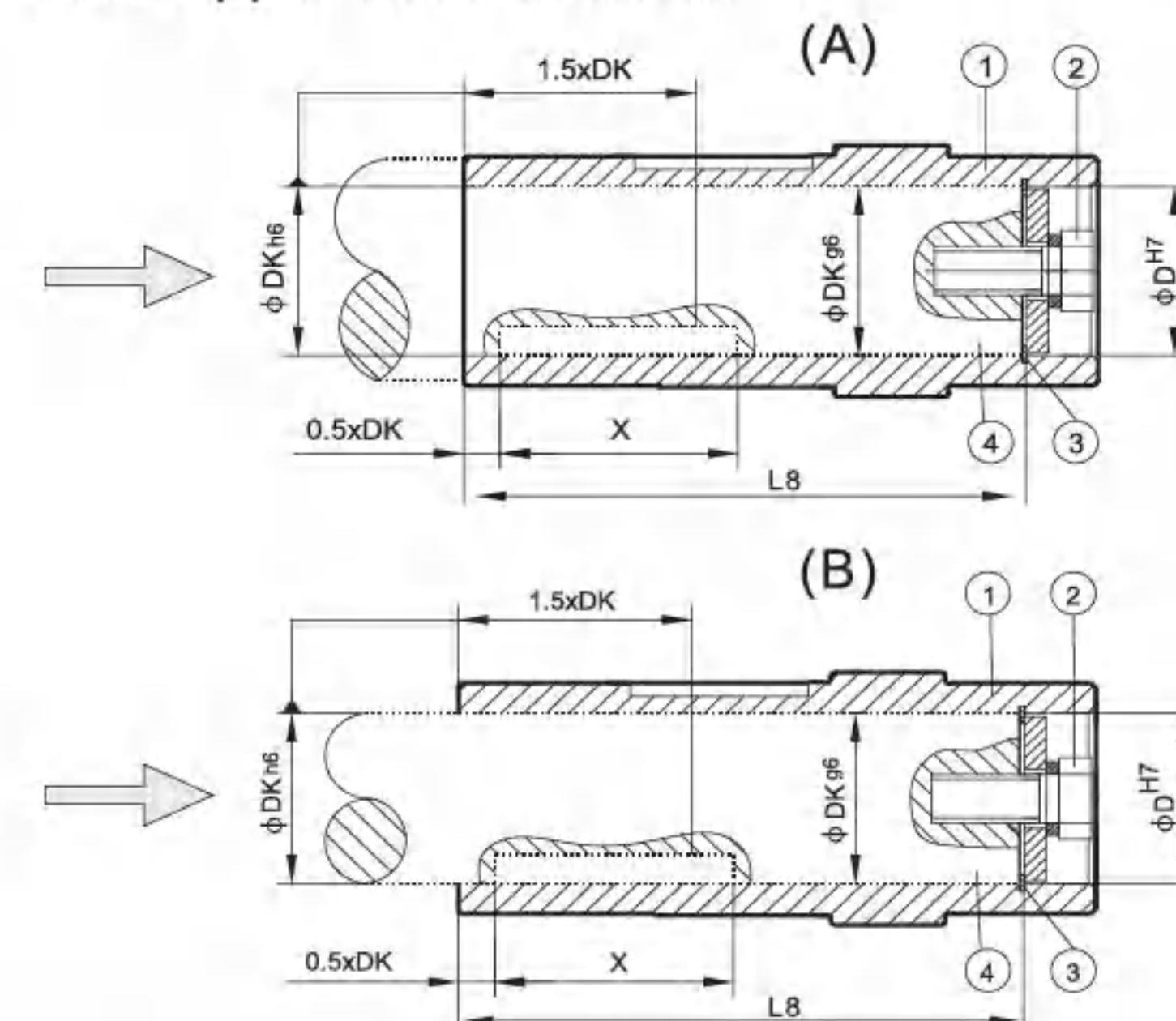
1. 用提供的固定件进行装配  
Install with supplied fastening elements
2. 用 KPM 可选件: 装卸工具进行装配  
Install using the optional KPM installation/removal kit

#### 9.1.1 提供的固定件

#### 9.1.1 Supplied fastening elements

KPM 标准产品提供下列固定件:  
The following fastening elements are supplied as standard:

- 带垫片的紧固螺栓 Retaining screw with washer ②
- 孔用挡圈 Circlip ③



**带轴肩的用户轴**  
用户轴的安装长度必须为  $L8 - 1 \text{ (mm)}$  (图)  
Installation length of customer shaft with contact should (A) must be  $L8 - 1 \text{ mm}$

**用户轴不带轴肩**  
安装长度必须等于  $L8$  (图)  
Installation length of customer shaft with contact should (B) must equal to  $L8$

紧固螺栓要拧紧到MS所示拧紧力矩值  
The retaining screw ② must be tightened to the tightening torque MS listed in the following table

① 空心轴 Hollow shaft  
② 带垫片的紧固螺栓 Retaining screw with washer  
③ 孔用挡圈 Circlip  
④ 用户轴 Customer shaft

图: 空心轴组装示意图(带轴肩的用户轴)

Fig: Customer shaft with contact shoulder(A) and without contact shoulder (B)

| 减速器型号 Gear unit type                            | D <sup>H7</sup> [mm] | DK[mm] | L8[mm]            | MS[Nm] |
|-------------------------------------------------|----------------------|--------|-------------------|--------|
| KWA..30                                         | 20                   | 20     | 84, 106, 104      | 8      |
| KWA..40                                         | 25                   | 25     | 105               | 20     |
| KSA..30, KBA..30, KWA..40, KWA..50              | 30                   | 30     | 105<br>132        | 20     |
| KSA..40, KBA..40, KWA..50                       | 35                   | 35     | 132               | 20     |
| KSA..50, KBA..50<br>KSA..60, KBA..60<br>KWA..60 | 40                   | 40     | 142<br>156<br>144 | 40     |
| KWA..60                                         | 45                   | 45     | 144               | 40     |
| KSA..70, KBA..70, KWA..70                       | 50                   | 50     | 183               | 40     |
| KSA..80, KBA..80<br>KWA..70, KWA..80            | 60                   | 60     | 210<br>180, 220   | 80     |
| KSA..90, KBA..90<br>KWA..80, KWA..90            | 70                   | 70     | 270<br>220, 260   | 80     |
| KSA..100, KBA..100, KWA..100                    | 90                   | 90     | 313, 313, 255     | 200    |
| KSA..120, KBA..120                              | 100                  | 100    | 373               | 200    |
| KSA..150, KBA..150                              | 120                  | 120    | 460               | 200    |

### 9.1.2 KPM拆装工具

#### 9.1.2 KPM installation / removal kit

可使用KPM的选件: 拆装工具进行装配。可以通过表中给出的零件号订购减速机的拆装工具。KPM的拆装工具包含以下零件:

- 对没有轴肩的用户轴装配所用的轴套
- 拆卸用的压盘
- 装配用的紧固螺栓
- 拆卸用的锁母

You can use the optional KPM installation/removal kit for installation. The kit can be ordered for the specific gear unit types by quoting the part numbers in the table below. The accessories of the tools including:

- Distance piece for installation without contact shoulder ⑤
- Retaining screw for installation ②
- Removal washer for installation ⑦
- Fixed nut for removal ⑧

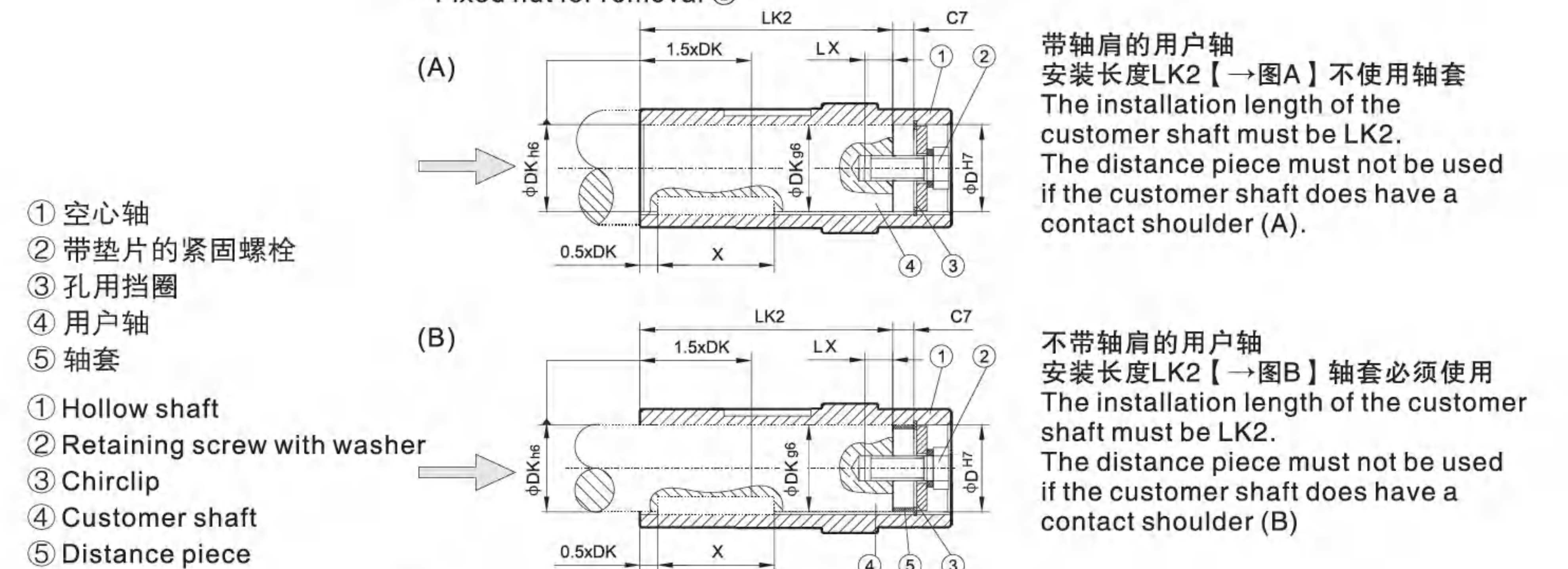


图: 带轴肩附用户轴 (A) 和不带轴肩附用户轴(B)

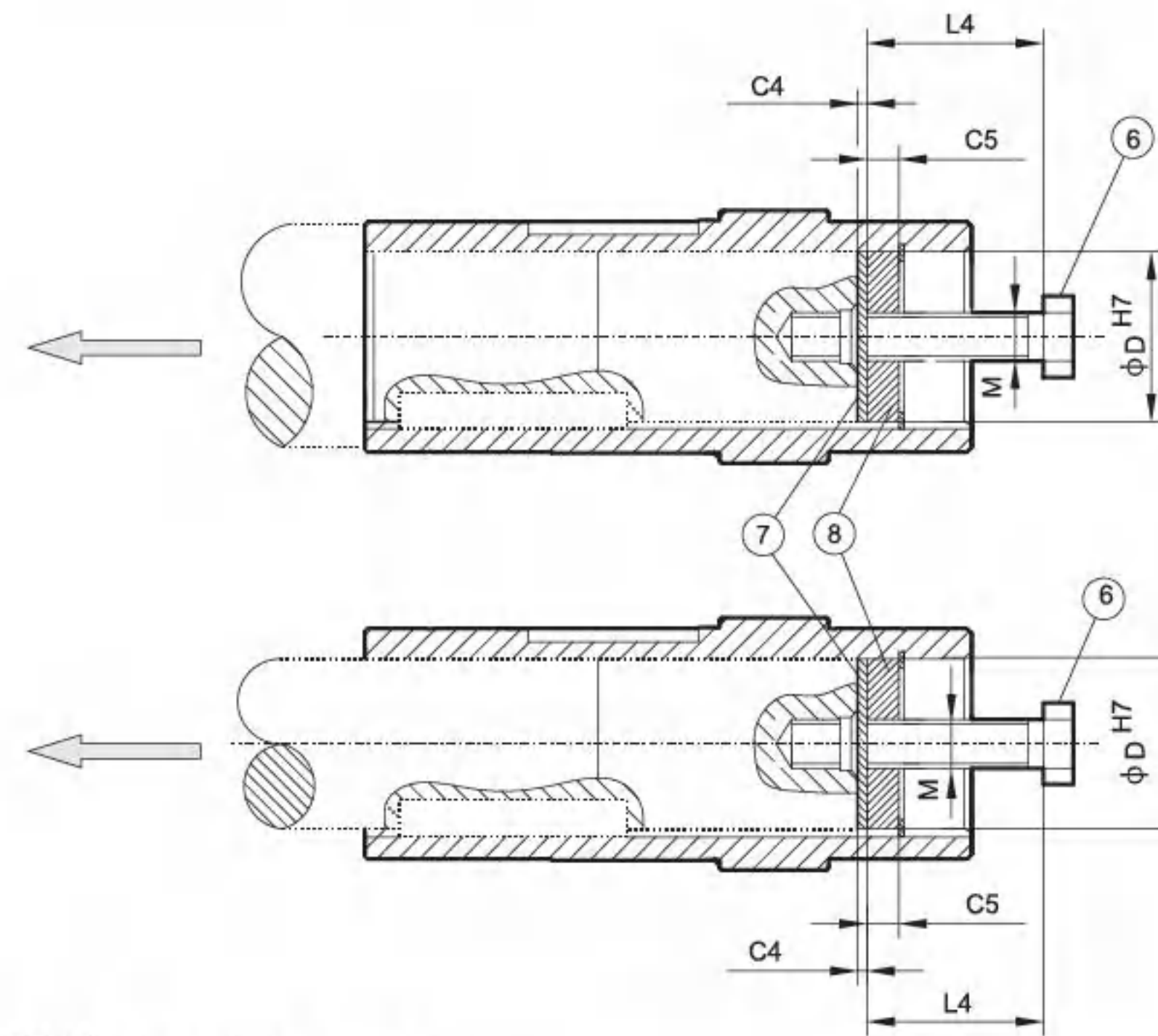
Fig: Customer shaft with contact shoulder(A) and without contact shoulder (B)

| 减速器型号 Gear unit type                          | D <sup>H7</sup> [mm] | DK[mm] | LK2[mm]              | LX <sup>2</sup> [Nm] | C7[Nm] | MS[Nm] |
|-----------------------------------------------|----------------------|--------|----------------------|----------------------|--------|--------|
| KWA..30                                       | 20                   | 20     | 92                   | 16                   | 12     | 8      |
| KWA..40                                       | 25                   | 25     | 89                   | 22                   | 16     | 20     |
| KSA..30, KBA..30, KWA..40, KWA..50            | 30                   | 30     | 89<br>89, 116        | 22                   | 16     | 20     |
| KSA..40, KBA..40, KWA..50                     | 35                   | 35     | 114                  | 28                   | 18     | 20     |
| KSA..50, KBA..50, KSA..60, KBA..60<br>KWA..60 | 40                   | 40     | 124<br>138, 138, 126 | 36                   | 18     | 40     |
| KWA..60                                       | 45                   | 45     | 126                  | 36                   | 18     | 40     |
| KSA..70, KBA..70, KWA..70                     | 50                   | 50     | 165                  | 36                   | 18     | 40     |
| KSA..80, KBA..80, KWA..70, KWA..80            | 60                   | 60     | 188<br>158, 198      | 42                   | 22     | 80     |
| KSA..90, KBA..90, KWA..80, KWA..90            | 70                   | 70     | 248<br>198, 238      | 42                   | 22     | 80     |
| KSA..100, KBA..100, KWA..100                  | 90                   | 90     | 287<br>229           | 50                   | 26     | 200    |
| KSA..120, KBA..120                            | 100                  | 100    | 347                  | 50                   | 26     | 200    |
| KSA..150, KBA..150                            | 120                  | 120    | 434                  | 50                   | 26     | 200    |



## 拆卸 Removal

- 用KPM的拆装工具进行装配，须按以下步骤进行拆卸
- 1.拆下紧固螺栓⑥
  - 2.拆下挡圈③,若使用了轴套⑤也一并拆下
  - 3.在用户轴④和挡圈③之间按图13装上压盘⑦和锁母⑧
  - 4.重新装上挡圈③
  - 5.重新装上紧固螺栓⑥
- 这样就可以把轴拆下来。



- ⑥ 螺栓 Retaining screw  
⑦ 压盘 Removal washer  
⑧ 拆卸用锁母 Fixed nut for removal

- Applies prior installation with the KPM installation/removal kit only.  
Proceed as follows for removal:
- 1.Remove the retaining screw ⑥
  - 2.Remove the Circlip ③ and if used, the distance piece ⑤
  - 3.Insert the removal washer ⑦ and the fixed nut ⑧ between the customer shaft ④ and circlip ③ according to Fig.
  - 4.Re-insert the circlip ③.
  - 5.Re-insert the retaining screw ⑥.
- You can now push the gear off the shaft.

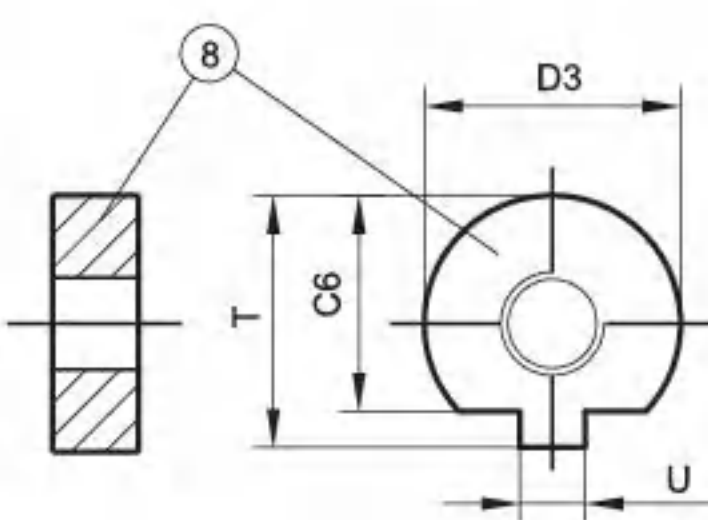


图: 空心轴拆卸示意图  
Fig. Removal

| 型号 Model                                | D <sup>H7</sup><br>[mm] | M   | C4<br>[mm] | C5<br>[mm] | C6<br>[mm] | U <sup>-0.5</sup><br>[mm] | T3 <sup>-0.5</sup><br>[mm] | D <sup>-0.5L4</sup><br>[mm] | 拆装工具<br>零件号<br>Installation/<br>removal kit<br>part number |
|-----------------------------------------|-------------------------|-----|------------|------------|------------|---------------------------|----------------------------|-----------------------------|------------------------------------------------------------|
| KWA..30                                 | 20                      | M6  | 5          | 6          | 15.5       | 5.5                       | 22.5                       | 19.7                        | 25                                                         |
| KWA..40                                 | 25                      | M10 | 5          | 10         | 20         | 7.5                       | 28                         | 24.7                        | 35                                                         |
| KSA..30,KBA..30,KWA..50                 | 30                      | M10 | 5          | 10         | 25         | 7.5                       | 33                         | 29.7                        | 35                                                         |
| KSA..40,KWA..50                         | 35                      | M12 | 5          | 12         | 29         | 9.5                       | 38                         | 34.7                        | 45                                                         |
| KSA..50,KBA..50,KSA..60,KBA..60,KWA..60 | 40                      | M16 | 5          | 12         | 34         | 11.5                      | 41.9                       | 39.7                        | 50                                                         |
| KWA..60                                 | 45                      | M16 | 5          | 12         | 38.5       | 13.5                      | 48.5                       | 44.7                        | 50                                                         |
| KSA..70,KBA..70,KWA..70                 | 50                      | M16 | 5          | 12         | 43.5       | 13.5                      | 53.5                       | 49.7                        | 50                                                         |
| KSA..80,KBA..80,KWA..70,KWA..80         | 60                      | M20 | 5          | 16         | 56         | 17.5                      | 64                         | 59.7                        | 60                                                         |
| KSA..90,KBA..90,KWA..90                 | 70                      | M20 | 5          | 16         | 65.5       | 19.5                      | 74.5                       | 69.7                        | 60                                                         |
| KSA..100,KBA..100,KWA..100              | 90                      | M24 | 5          | 20         | 80         | 24.5                      | 95                         | 89.7                        | 70                                                         |
| KSA..120,KBA..120                       | 100                     | M24 | 5          | 20         | 89         | 27.5                      | 106                        | 99.7                        | 70                                                         |
| KSA..150,KBA..150                       | 120                     | M24 | 5          | 20         | 107        | 31                        | 127                        | 119.7                       | 70                                                         |

## 9.2 带轴阶的空心轴和锁紧盘选件 9.2 Shouldered hollow shaft with shrink disk (option)

带空心轴锁紧盘的减速机(KSH/KSHF/KSHZ30-150)平行轴减速机 (KBH/KBHF/KBHZ30-150) 斜齿轮-锥齿轮减速机和 KWHF 40-90 斜齿轮蜗轮蜗杆减速机, 可提供较大的轴孔直径D'作为选件  
D=D'为标准产品

Gear units with a hollow shaft and shrink disk (parallel shaft helical gear units KSH/KSHF/KSHZ30-150) can be supplied with an optional larger hole diameter D'  
The standard is D' = D.

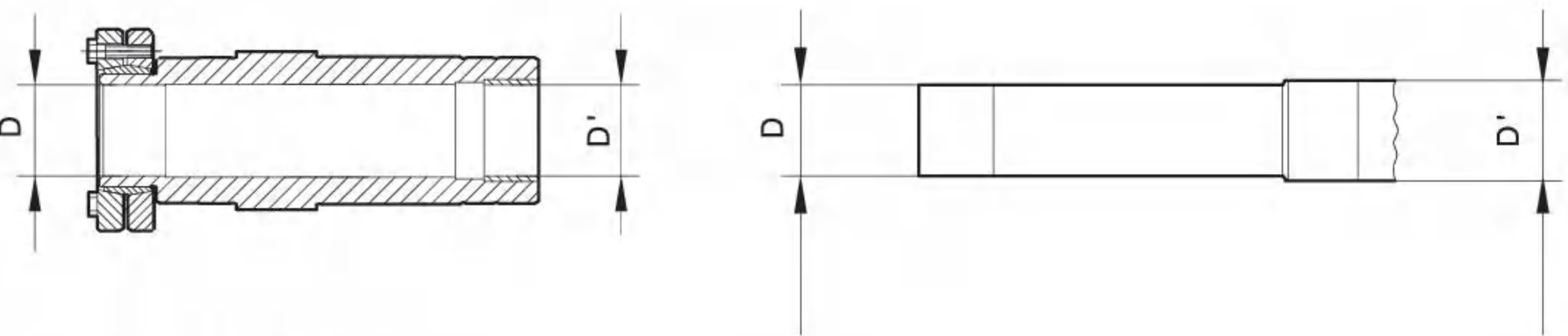


图: 选件轴孔直径D'  
Fig: Optional hole diameter D'

| 减速器型号 Gear unit size                            | 孔径<br>D/D'<br>Hole diameter |
|-------------------------------------------------|-----------------------------|
| KSH/KSHF/KSHZ30,KBH/KBHF/KBHZ30,KWH/KWHF/KWHZ40 | 30/32                       |
| KSH/KSHF/KSHZ40,KBH/KBHF/KBHZ40,KWH/KWHF/KWHZ50 | 35/36                       |
| KSH/KSHF/KSHZ50,KBH/KBHF/KBHZ50                 | 40/42                       |
| KSH/KSHF/KSHZ60,KBH/KBHF/KBHZ60,KWH/KWHF/KWHZ60 | 40/42                       |
| KSH/KSHF/KSHZ70,KBH/KBHF/KBHZ70,KWH/KWHF/KWHZ70 | 50/52                       |
| KSH/KSHF/KSHZ80,KBH/KBHF/KBHZ80,KWH/KWHF/KWHZ80 | 65/66                       |
| KSH/KSHF/KSHZ90,KBH/KBHF/KBHZ90,KWH/KWHF/KWHZ90 | 75/76                       |
| KSH/KSHF/KSHZ100,KBH/KBHF/KBHZ100               | 95/96                       |
| KSH/KSHF/KSHZ120,KBH/KBHF/KBHZ120               | 105/106                     |
| KSH/KSHF/KSHZ150,KBH/KBHF/KBHZ150               | 125/126                     |

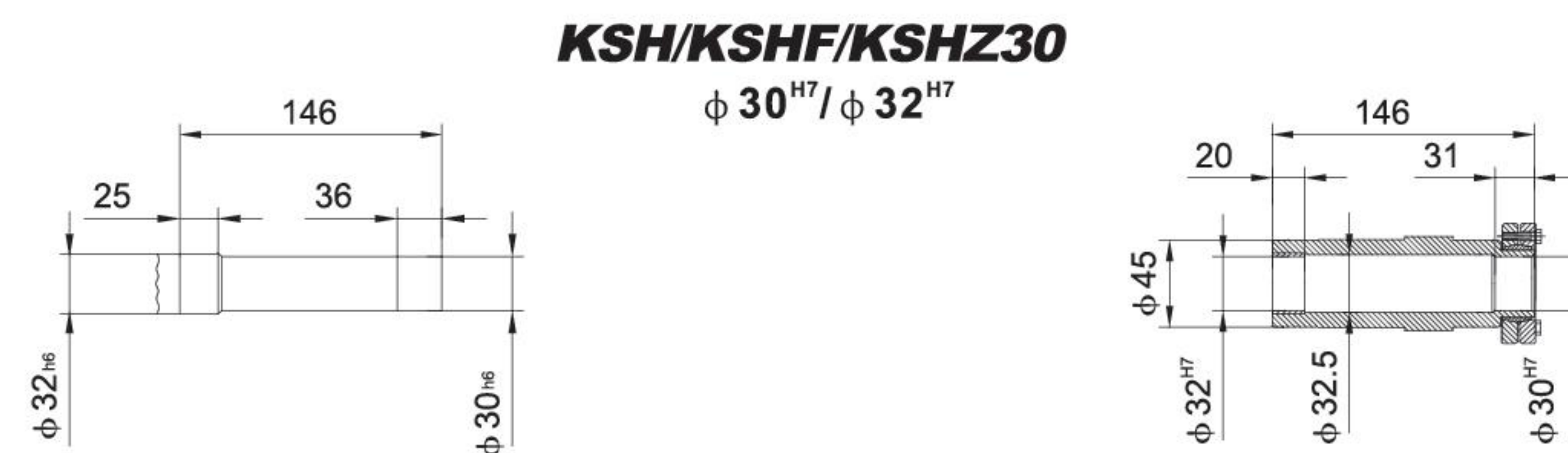
订购带轴阶的空心轴减速机(可选轴孔直径D')必须注明D/D'尺寸。

例如: KSH30 D80N4 30/32

Diameter D/D' must be specified when ordering gear units with a shouldered hollow shaft (optional hole diameter D'). KSH30 D80N4 30/32

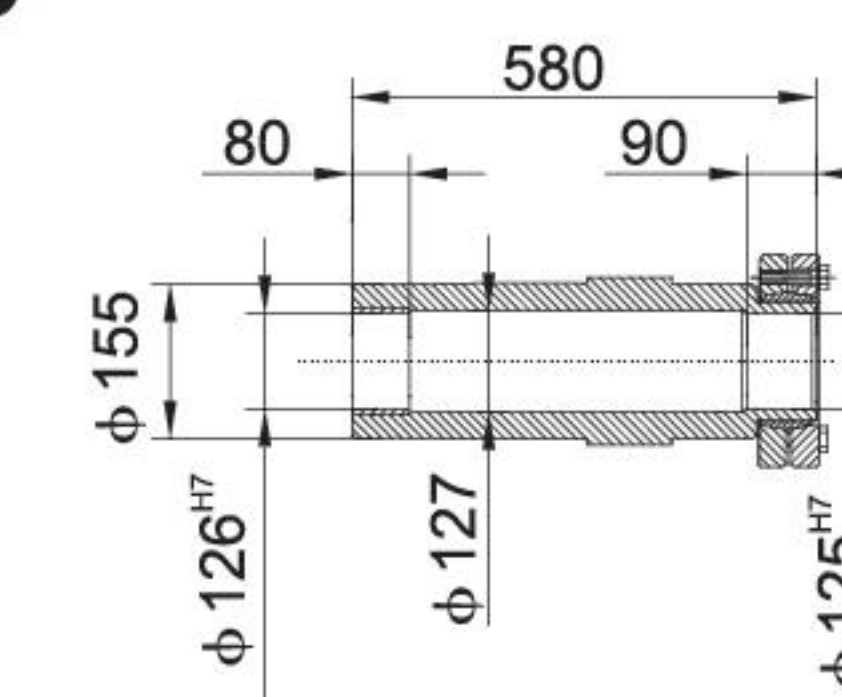
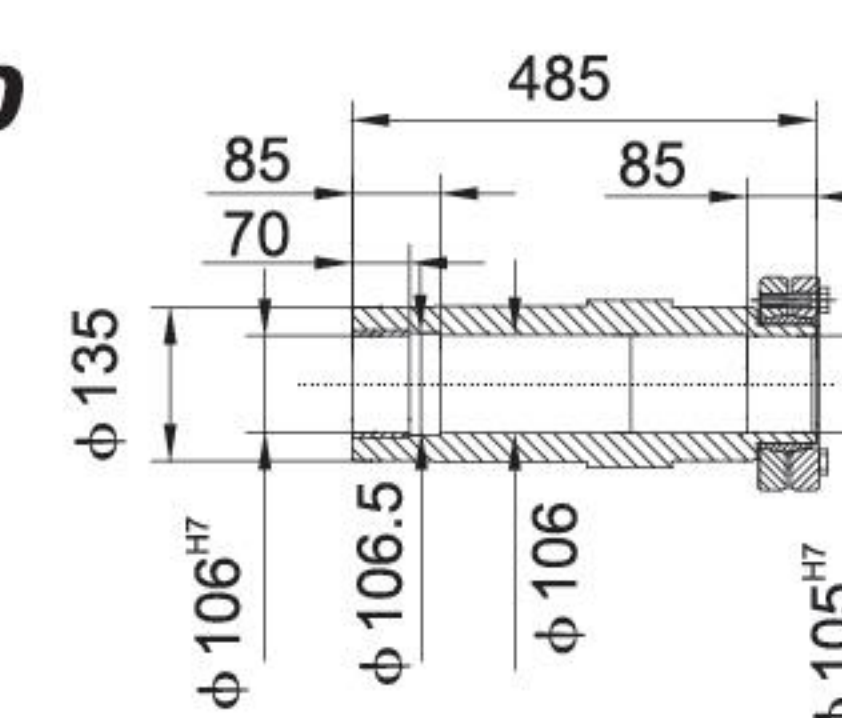
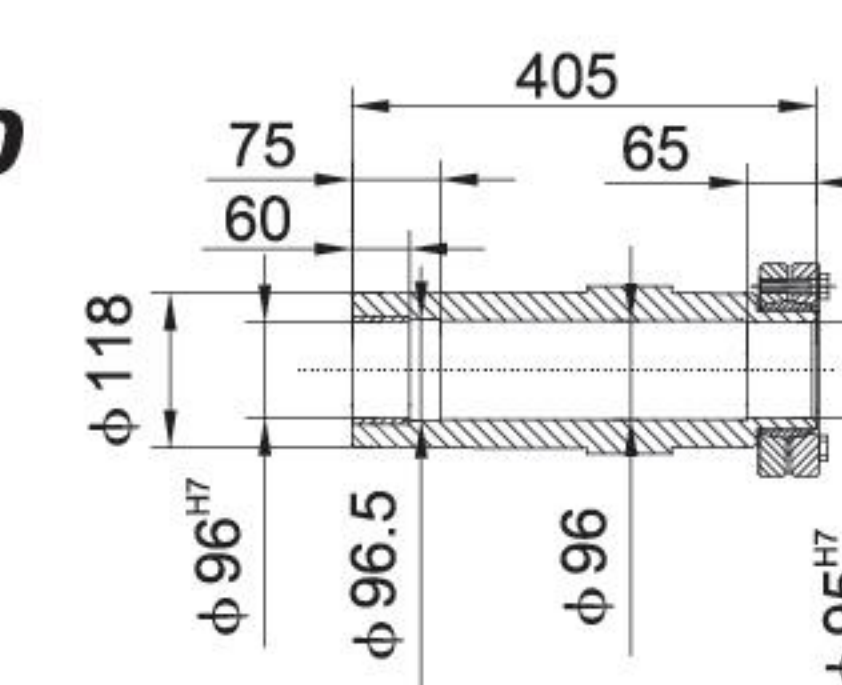
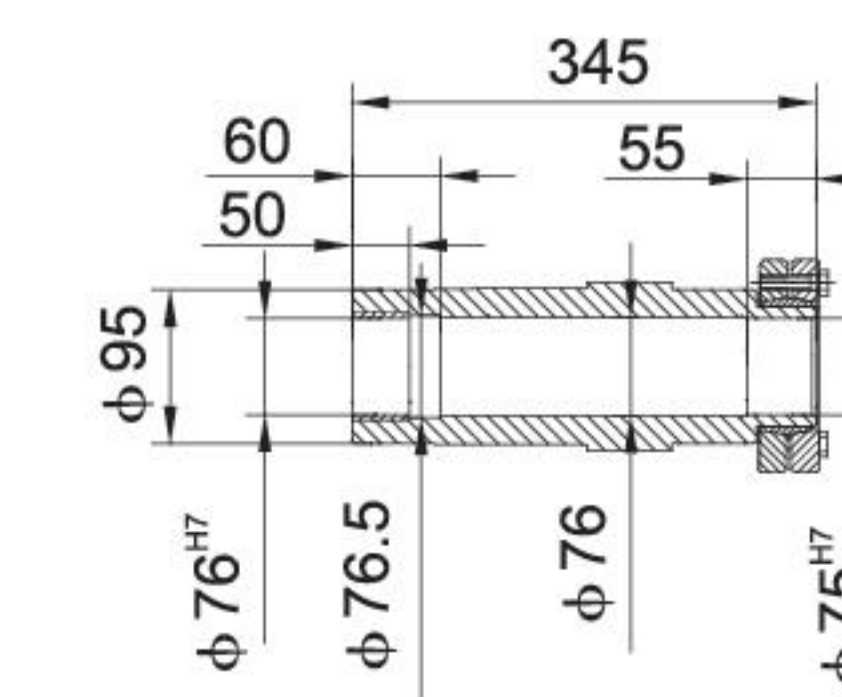
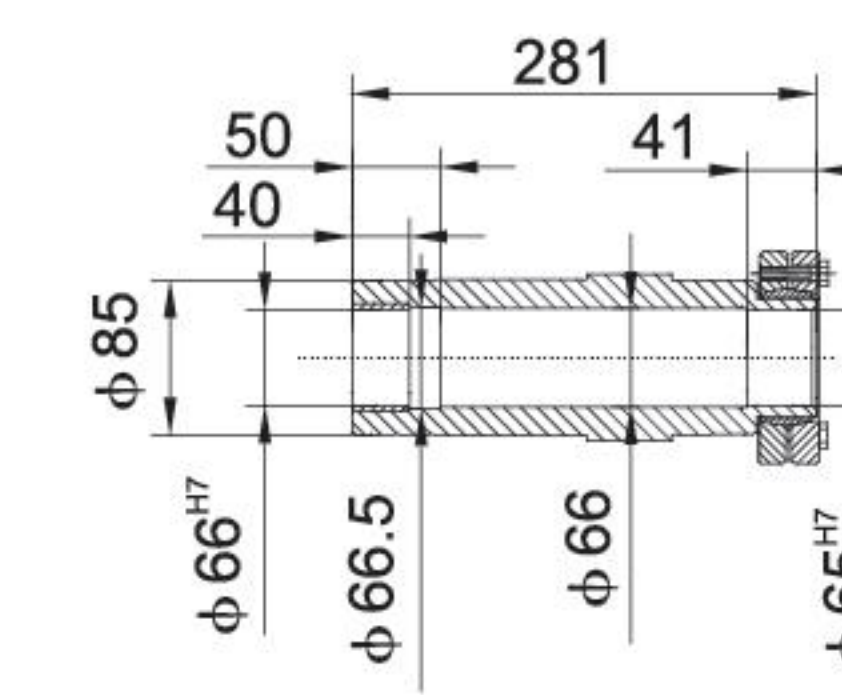
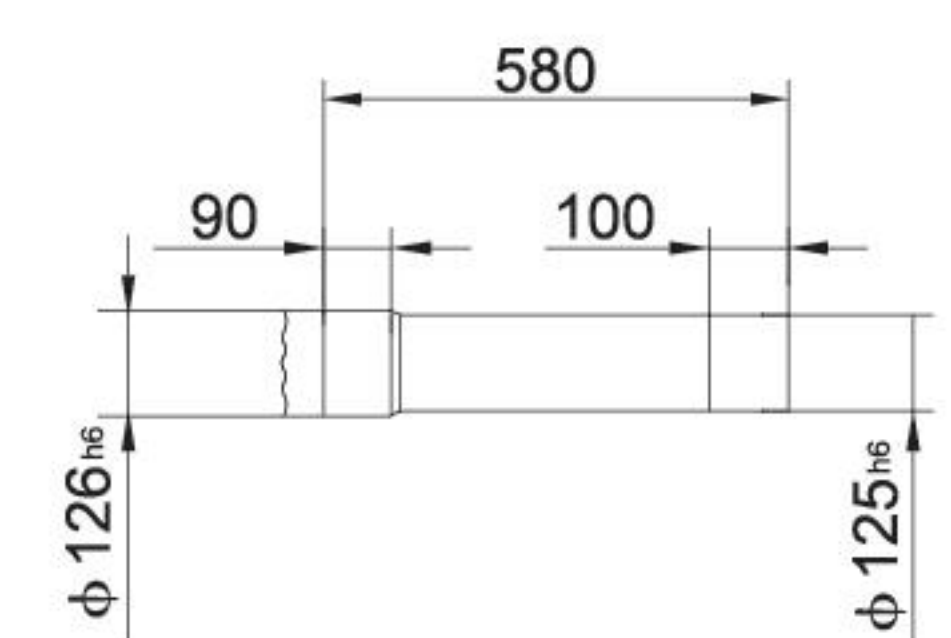
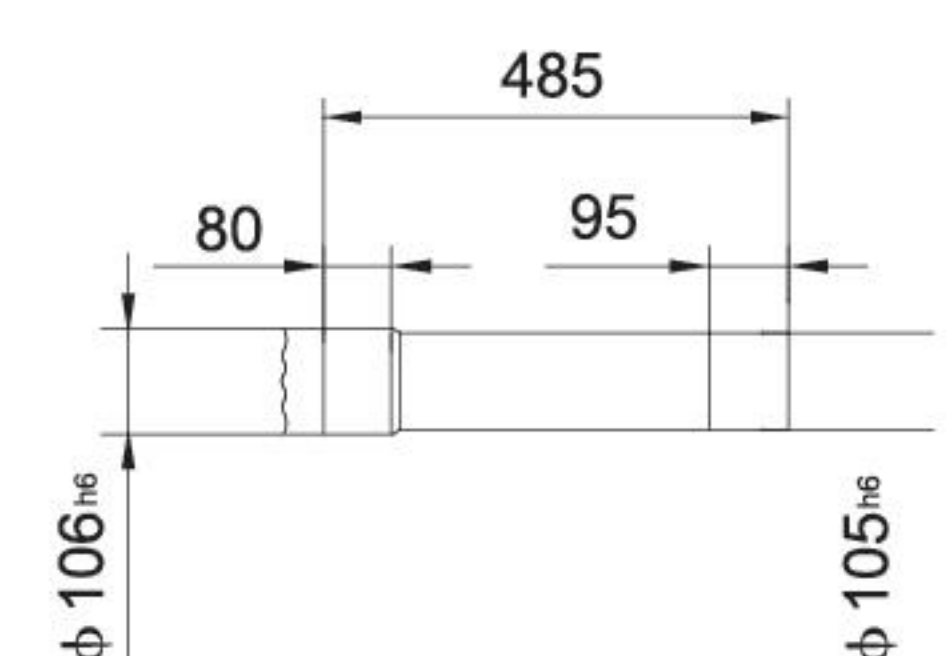
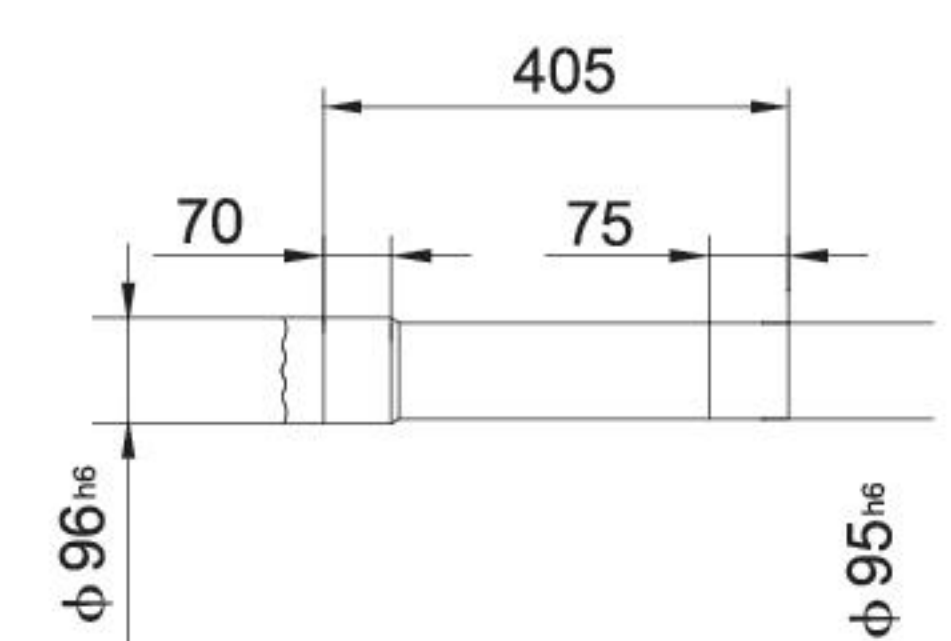
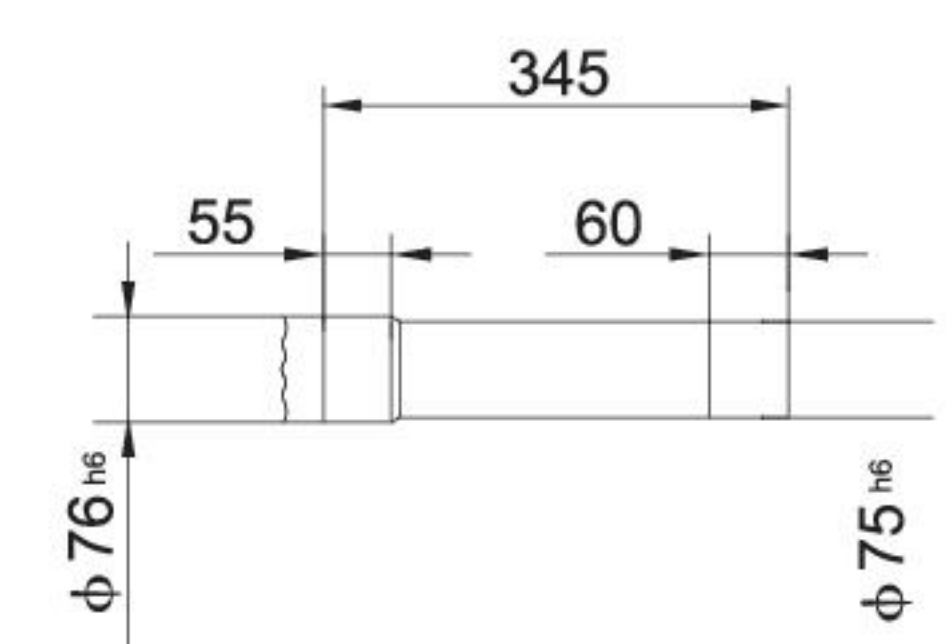
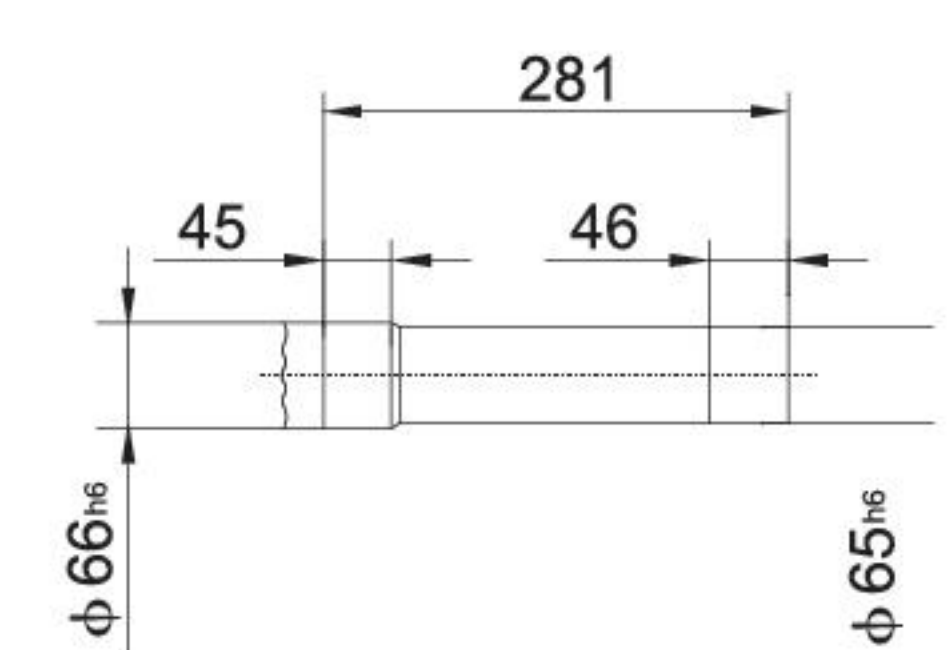
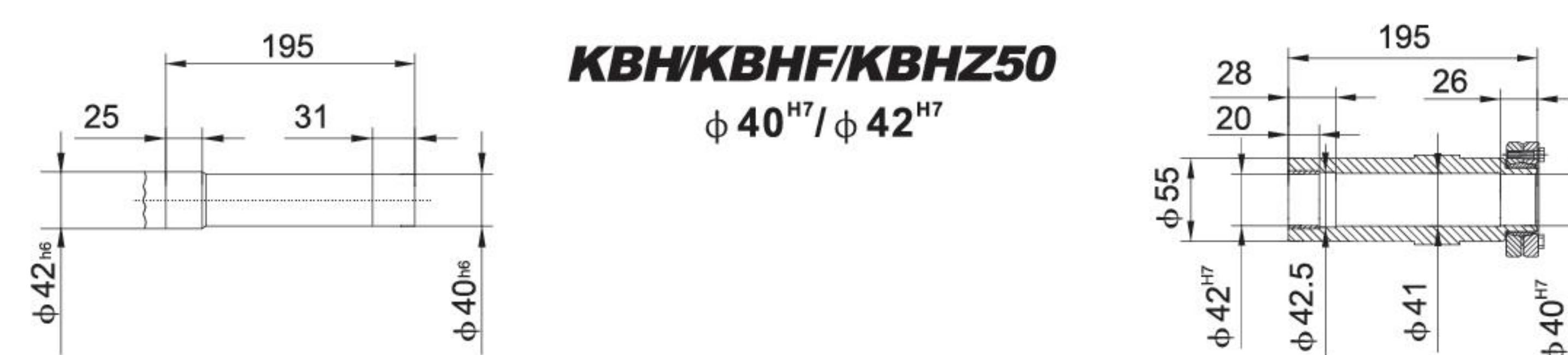
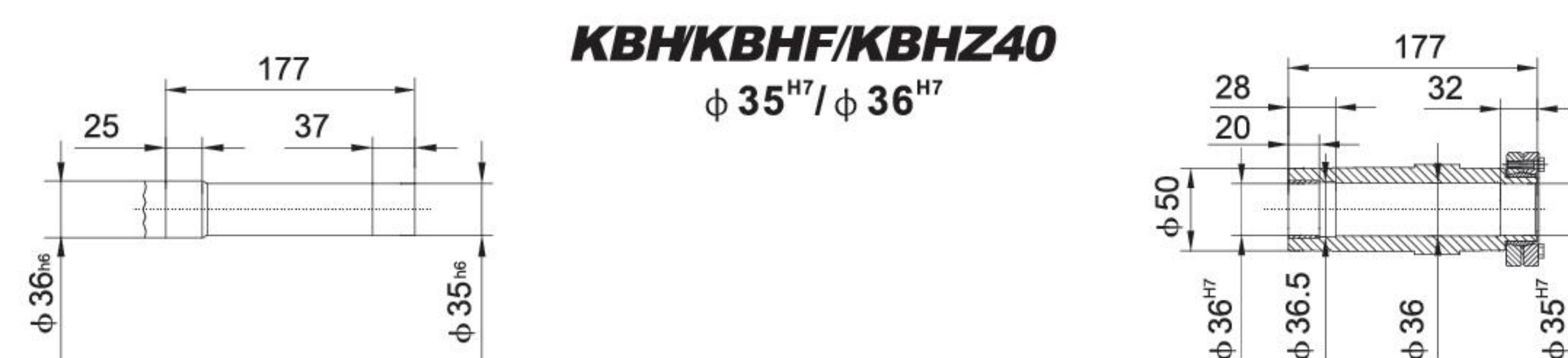


带轴阶空心轴和锁紧盘的平行轴减速电机  
Parallel shaft helical gear unit with shouldered hollow shaft





带轴阶空心轴和锁紧盘的斜齿轮—锥齿轮减速电机  
Helical – bevel gear unit with shouldered hollow shaft

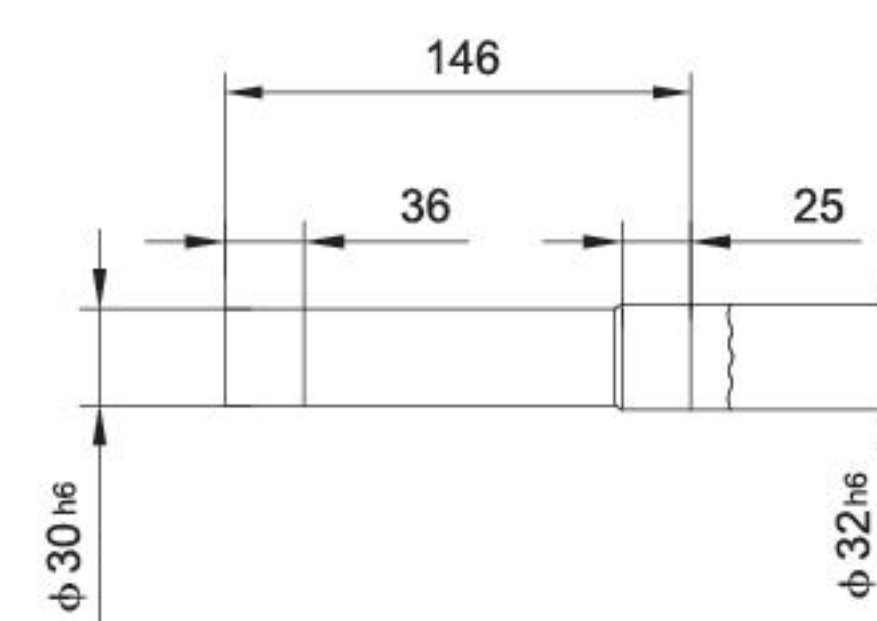
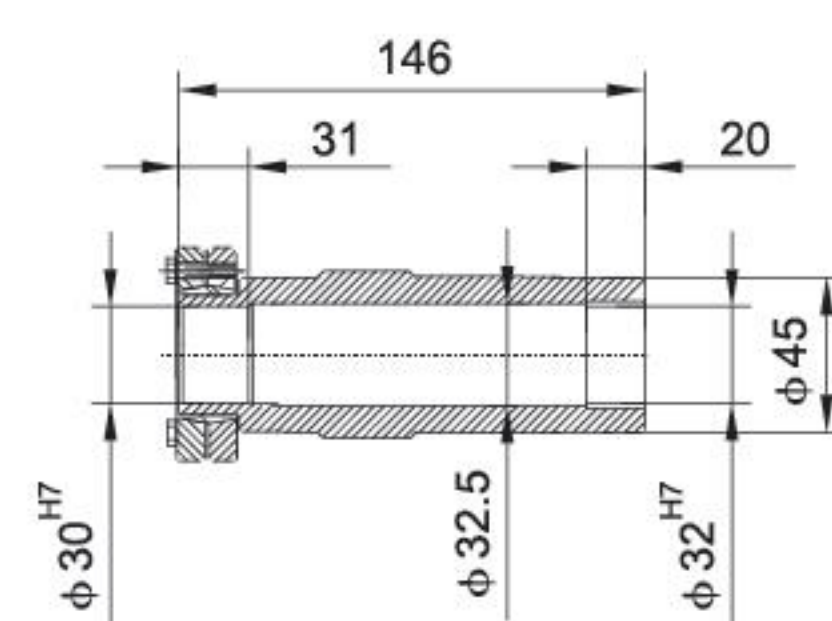




带轴阶空心轴和锁紧盘的斜齿轮—蜗杆减速电机  
Helical – worm gear unit with shouldered hollow shaft

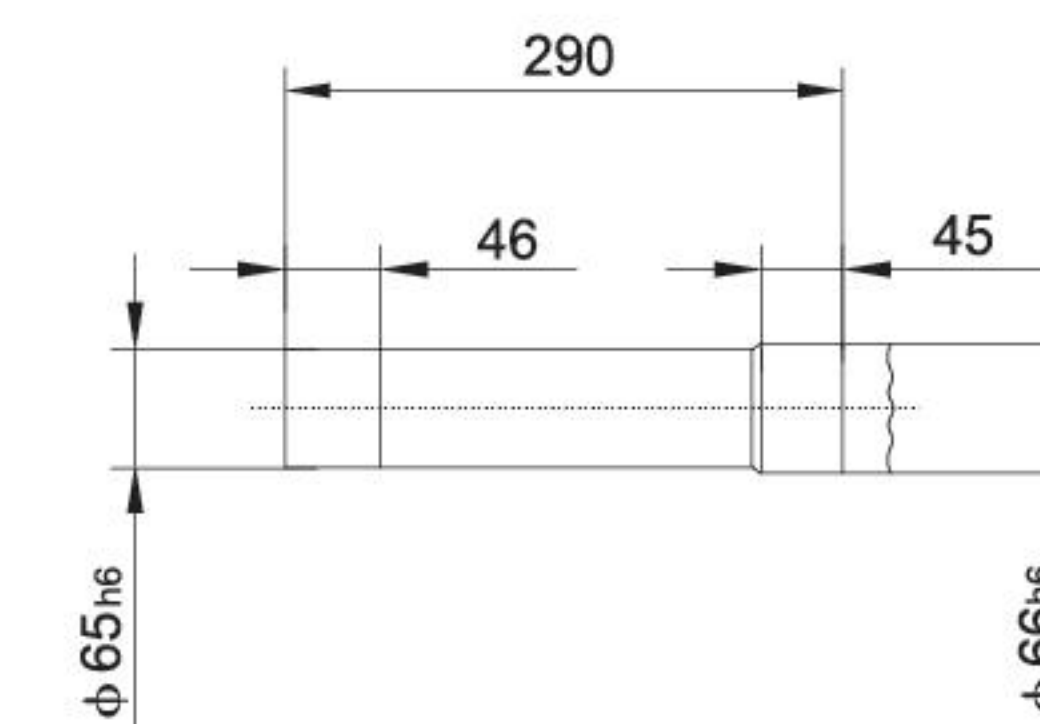
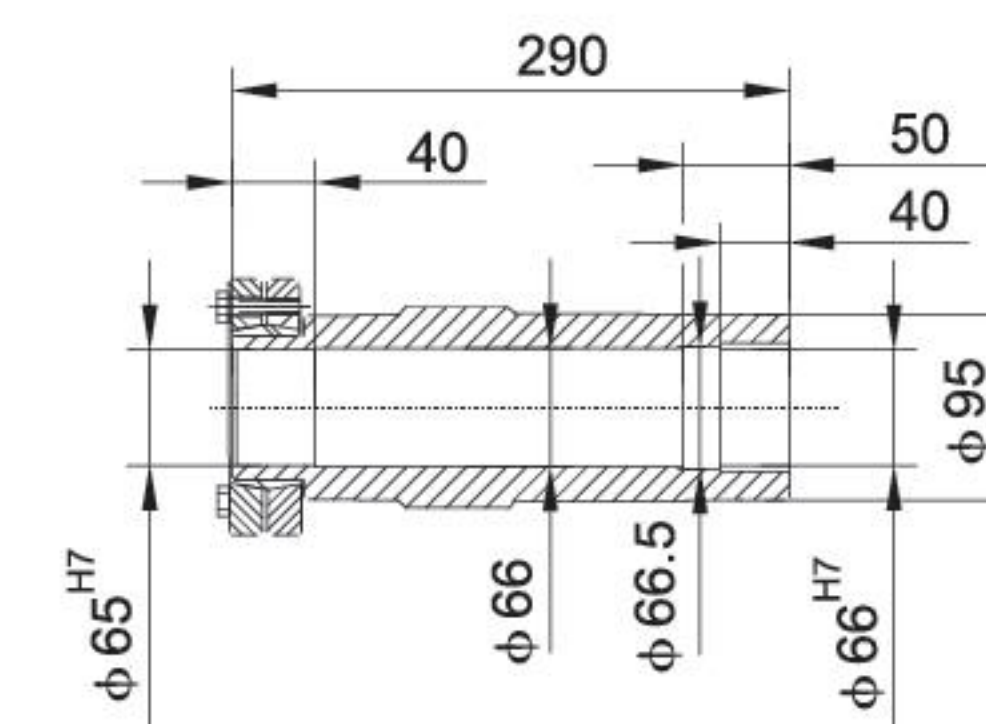
**KWH/KWHF/KWHZ40**

$\phi 30^{H7} / \phi 32^{H7}$



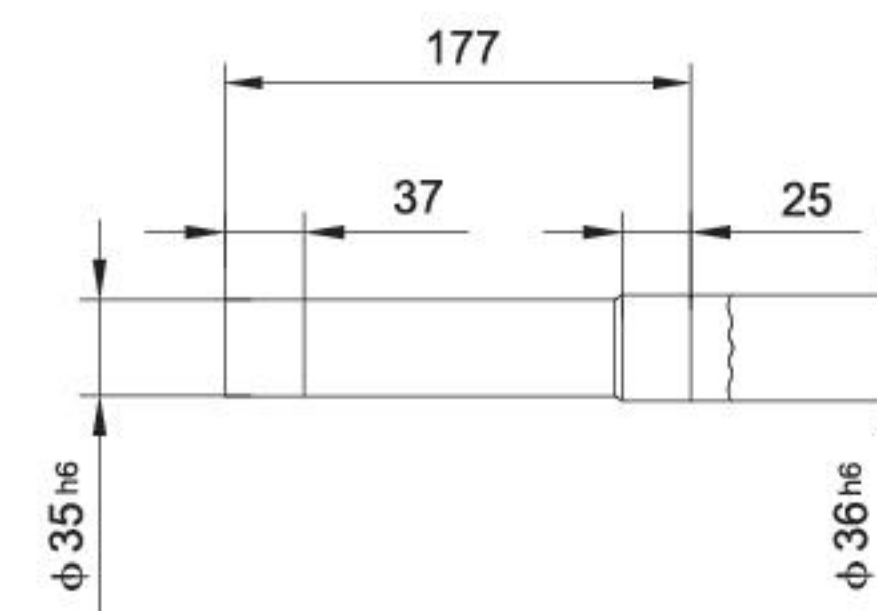
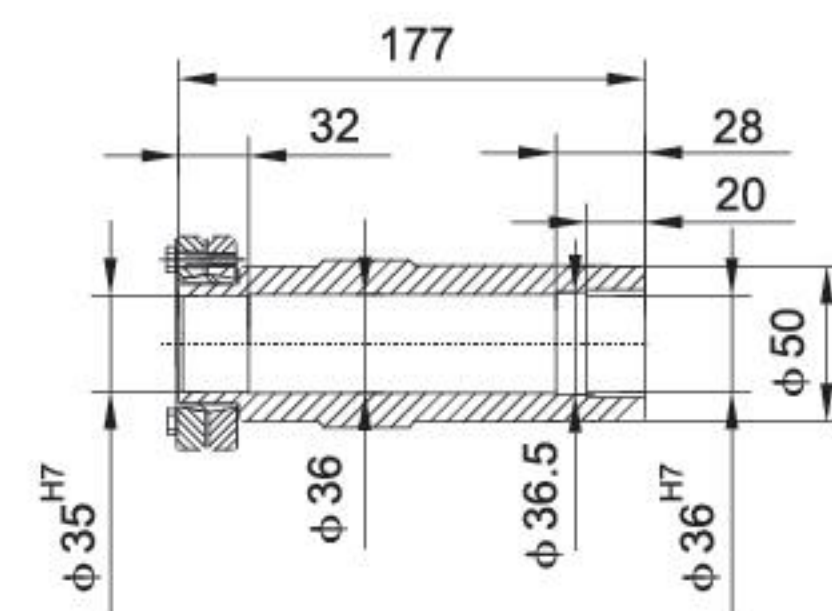
**KWH/KWHF/KWHZ80**

$\phi 65^{H7} / \phi 66^{H7}$



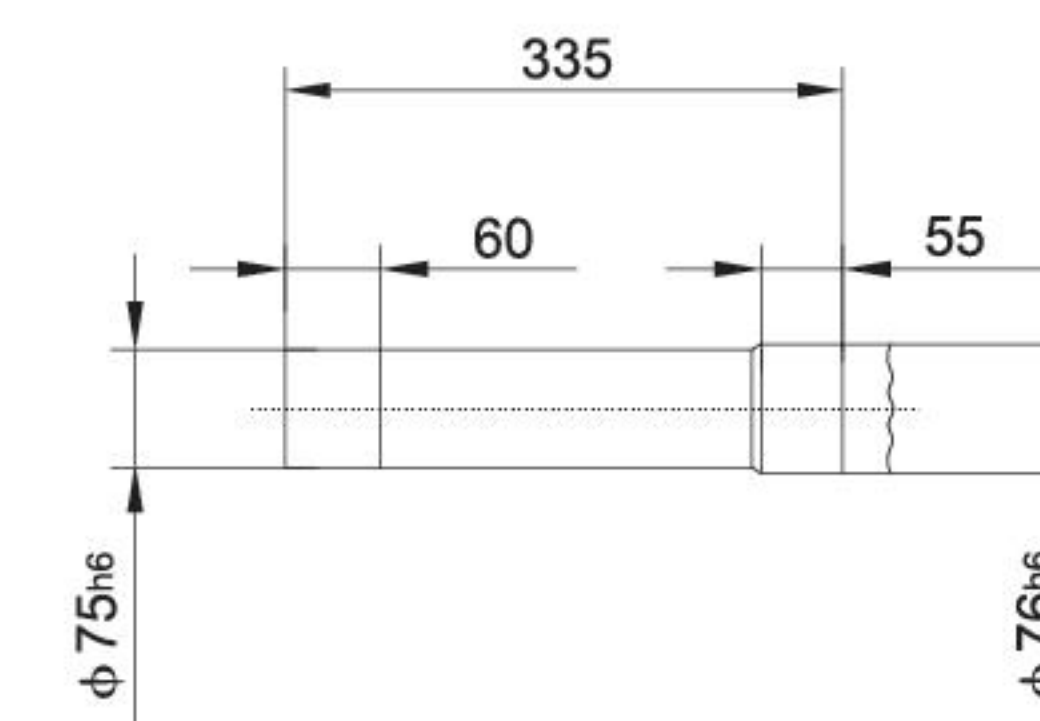
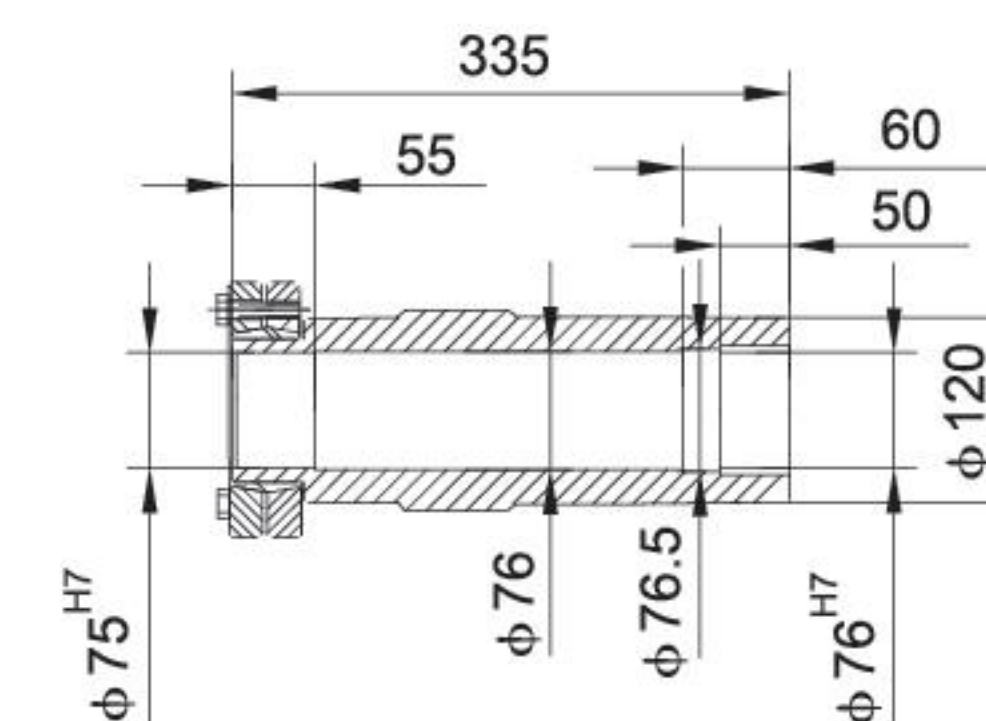
**KWH/KWHF/KWHZ50**

$\phi 35^{H7} / \phi 36^{H7}$



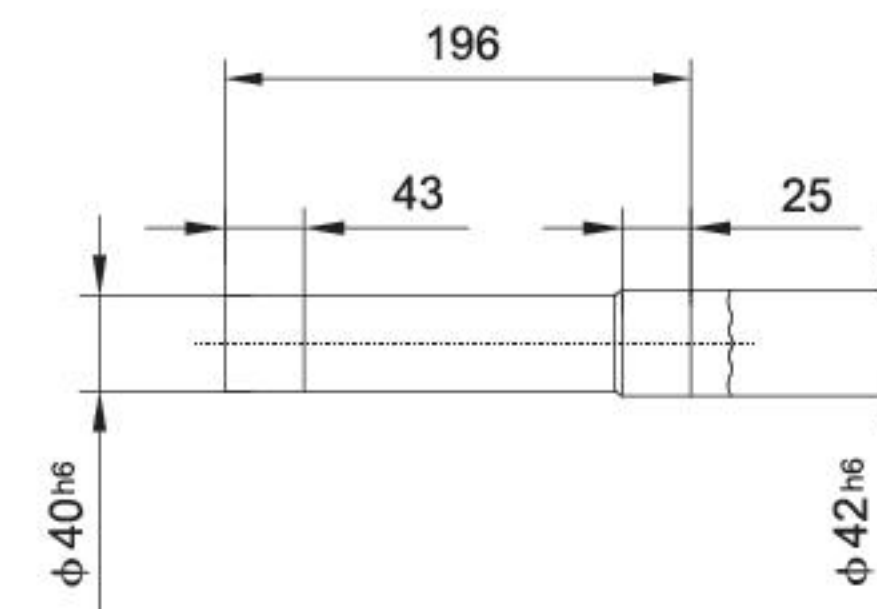
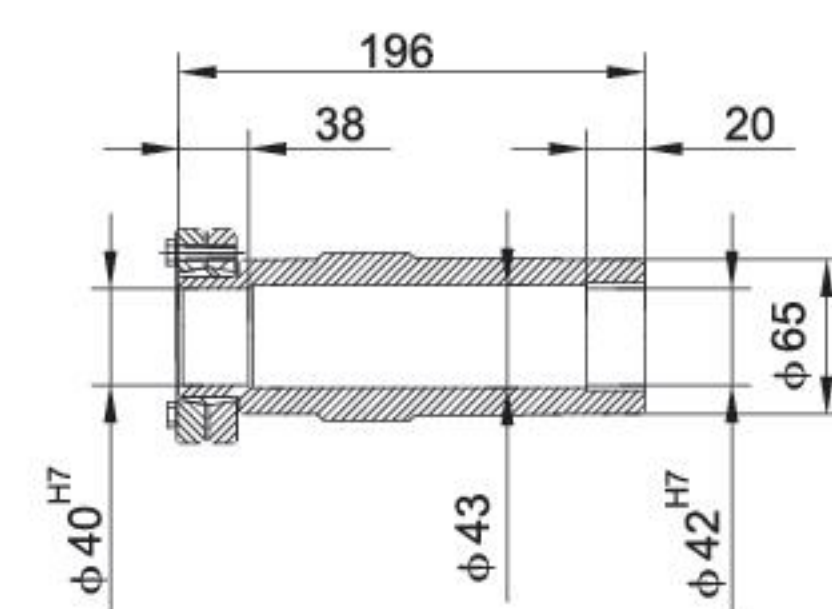
**KWH/KWHF/KWHZ80**

$\phi 75^{H7} / \phi 76^{H7}$



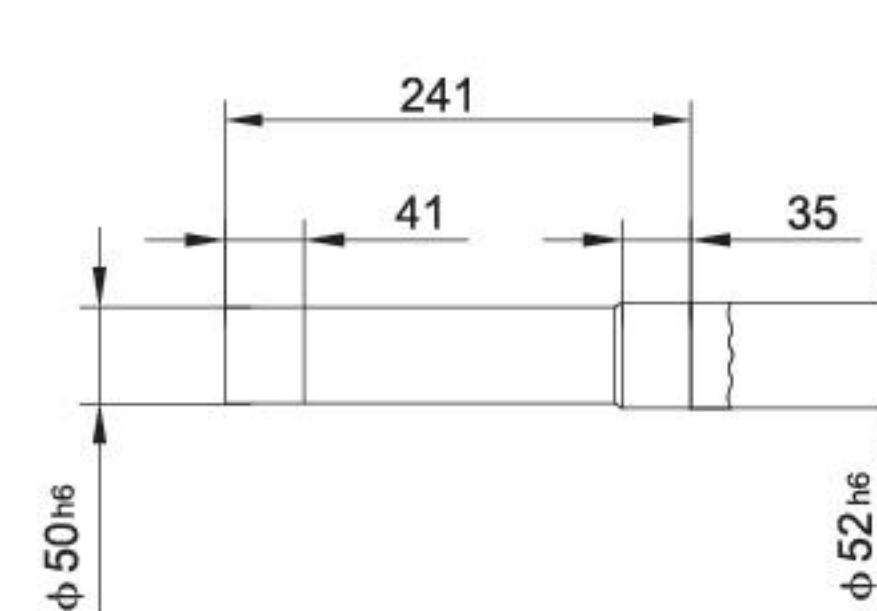
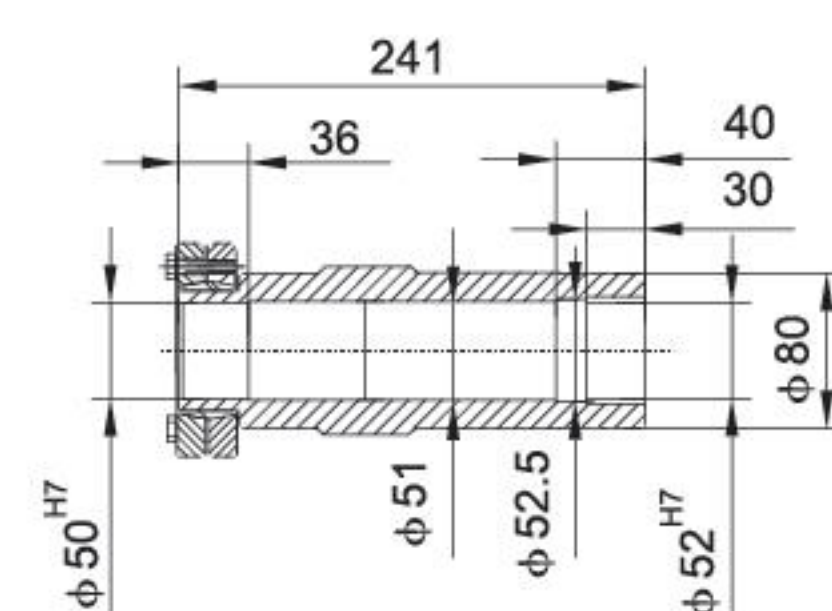
**KWH/KWHF/KWHZ60**

$\phi 40^{H7} / \phi 42^{H7}$



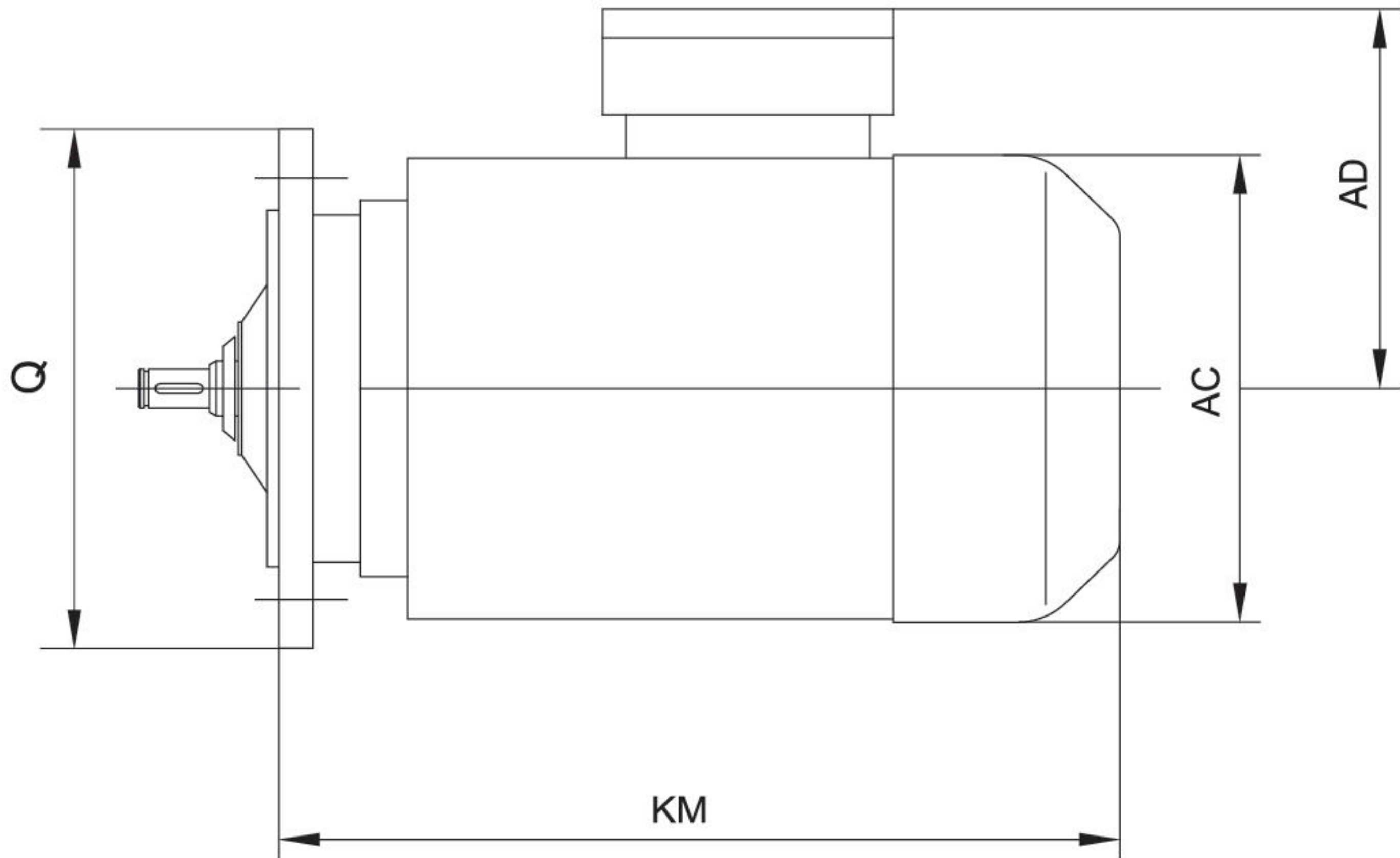
**KWH/KWHF/KWHZ70**

$\phi 50^{H7} / \phi 52^{H7}$





9.3 电机尺寸表  
9.3 The size of motor



| 电机型号 | 功率KW/4P   | Q (mm) | KM (mm) | L1 (mm) | L2 (mm) | L3 (mm) | AC (mm) | AD (mm) |
|------|-----------|--------|---------|---------|---------|---------|---------|---------|
| D63  | 0.12/0.18 | 120    | 221     | 266     | 279     | 316     | 120     | 95      |
|      |           | 160    | 216     | 261     | 274     | 311     |         |         |
|      |           | 200    | 210     | 255     | 268     | 305     |         |         |
| D71  | 0.25/0.37 | 120    | 239     | 297     | 297     | 344     | 138     | 103     |
|      |           | 160    | 234     | 292     | 292     | 339     |         |         |
|      |           | 200    | 228     | 286     | 286     | 333     |         |         |
| D80  | 0.55/0.75 | 120    | 271     | 336     | 318     | 381     | 148     | 108     |
|      |           | 160    | 265     | 330     | 312     | 375     |         |         |
|      |           | 200    | 259     | 324     | 306     | 369     |         |         |
|      |           | 250    | 254     | 319     | 301     | 364     |         |         |
| D90  | 1.1/1.5   | 120    | 318     | 391     | 358     | 425     | 169     | 139     |
|      |           | 160    | 313     | 386     | 353     | 420     |         |         |
|      |           | 200    | 305     | 378     | 345     | 412     |         |         |
|      |           | 250    | 301     | 374     | 341     | 408     |         |         |
|      |           | 300    | 292     | 365     | 332     | 399     |         |         |

| 电机型号   | 功率KW/4P | Q (mm) | KM (mm) | L1 (mm) | L2 (mm) | L3 (mm) | AC (mm) | AD (mm) |
|--------|---------|--------|---------|---------|---------|---------|---------|---------|
| D100   | 2.2/3   | 120    | 368     | 438     | 396     | 468     | 193     | 131     |
|        |         | 160    | 360     | 430     | 388     | 460     |         |         |
|        |         | 200    | 352     | 422     | 380     | 452     |         |         |
|        |         | 250    | 348     | 418     | 376     | 448     |         |         |
|        |         | 300    | 342     | 412     | 370     | 442     |         |         |
|        |         | 350    | 336     | 406     | 364     | 436     |         |         |
| D112   | 4       | 160    | 397     | 465     | 430     | 510     | 213     | 151     |
|        |         | 200    | 388     | 456     | 421     | 501     |         |         |
|        |         | 250    | 383     | 451     | 416     | 496     |         |         |
|        |         | 300    | 378     | 446     | 411     | 491     |         |         |
|        |         | 350    | 372     | 440     | 405     | 485     |         |         |
| D132S  | 5.5     | 160    | 425     | 523     | 468     | 560     | 255     | 168     |
|        |         | 200    | 413     | 511     | 456     | 548     |         |         |
|        |         | 250    | 408     | 506     | 451     | 543     |         |         |
|        |         | 300    | 403     | 501     | 446     | 538     |         |         |
|        |         | 350    | 397     | 495     | 440     | 532     |         |         |
|        |         | 400    | 390     | 488     | 433     | 525     |         |         |
| D132M  | 7.5     | 200    | 413     | 511     | 456     | 548     | 255     | 168     |
|        |         | 250    | 408     | 506     | 451     | 543     |         |         |
|        |         | 300    | 403     | 501     | 446     | 538     |         |         |
|        |         | 350    | 397     | 495     | 440     | 532     |         |         |
|        |         | 400    | 390     | 488     | 433     | 525     |         |         |
|        |         | 450    | 382     | 480     | 425     | 517     |         |         |
| D132ML | 9.2     | 200    | 413     | 511     | 456     | 548     | 255     | 168     |
|        |         | 250    | 408     | 506     | 451     | 543     |         |         |
|        |         | 300    | 403     | 501     | 446     | 538     |         |         |
|        |         | 350    | 397     | 495     | 440     | 532     |         |         |
|        |         | 400    | 390     | 488     | 433     | 525     |         |         |
|        |         | 450    | 382     | 480     | 425     | 517     |         |         |
|        |         | 550    | 374     | 472     | 417     | 509     |         |         |
| D160M  | 11      | 200    | 507     | 542     | 605     | 640     | 330     | 255     |
|        |         | 250    | 502     | 537     | 600     | 635     |         |         |
|        |         | 300    | 497     | 532     | 595     | 630     |         |         |
|        |         | 350    | 491     | 526     | 589     | 624     |         |         |
|        |         | 400    | 484     | 519     | 582     | 617     |         |         |
|        |         | 450    | 476     | 511     | 574     | 609     |         |         |
|        |         | 550    | 468     | 503     | 566     | 601     |         |         |
| D160L  | 15      | 250    | 546     | 581     | 644     | 679     | 330     | 255     |
|        |         | 300    | 541     | 576     | 639     | 674     |         |         |
|        |         | 350    | 535     | 570     | 633     | 668     |         |         |
|        |         | 400    | 528     | 563     | 626     | 661     |         |         |
|        |         | 450    | 520     | 555     | 618     | 653     |         |         |
|        |         | 550    | 512     | 547     | 610     | 645     |         |         |



|  |         | Value in Cooperation<br>价值源于合作 |         |         |         |         |         |         |
|-----------------------------------------------------------------------------------|---------|--------------------------------|---------|---------|---------|---------|---------|---------|
| 电机型号                                                                              | 功率KW/4P | Q (mm)                         | KM (mm) | L1 (mm) | L2 (mm) | L3 (mm) | AC (mm) | AD (mm) |
| D180M                                                                             | 18.5    | 250                            | 568     | 593     | 682     | 707     | 380     | 280     |
|                                                                                   |         | 300                            | 563     | 588     | 677     | 702     |         |         |
|                                                                                   |         | 350                            | 557     | 582     | 671     | 696     |         |         |
|                                                                                   |         | 400                            | 550     | 575     | 664     | 689     |         |         |
|                                                                                   |         | 450                            | 542     | 567     | 656     | 681     |         |         |
|                                                                                   |         | 550                            | 534     | 559     | 648     | 673     |         |         |
| D180L                                                                             | 22      | 250                            | 606     | 631     | 720     | 745     | 380     | 280     |
|                                                                                   |         | 300                            | 601     | 626     | 715     | 740     |         |         |
|                                                                                   |         | 350                            | 595     | 620     | 709     | 734     |         |         |
|                                                                                   |         | 400                            | 588     | 613     | 702     | 727     |         |         |
|                                                                                   |         | 450                            | 580     | 605     | 694     | 719     |         |         |
|                                                                                   |         | 550                            | 572     | 597     | 686     | 711     |         |         |
| D200L                                                                             | 30      | 300                            | 715     | 755     | 839     | 879     | 420     | 305     |
|                                                                                   |         | 350                            | 709     | 749     | 833     | 873     |         |         |
|                                                                                   |         | 400                            | 702     | 742     | 826     | 866     |         |         |
|                                                                                   |         | 450                            | 694     | 734     | 818     | 858     |         |         |
|                                                                                   |         | 550                            | 686     | 726     | 810     | 850     |         |         |
| D225S                                                                             | 37      | 300                            | 724     | 779     | 866     | 906     | 470     | 335     |
|                                                                                   |         | 350                            | 718     | 773     | 860     | 900     |         |         |
|                                                                                   |         | 400                            | 711     | 766     | 853     | 893     |         |         |
|                                                                                   |         | 450                            | 703     | 758     | 845     | 885     |         |         |
|                                                                                   |         | 550                            | 695     | 750     | 837     | 877     |         |         |
| D225M                                                                             | 45      | 300                            | 749     | 804     | 891     | 931     | 470     | 335     |
|                                                                                   |         | 350                            | 743     | 798     | 885     | 925     |         |         |
|                                                                                   |         | 400                            | 436     | 491     | 578     | 618     |         |         |
|                                                                                   |         | 450                            | 728     | 783     | 870     | 910     |         |         |
|                                                                                   |         | 550                            | 720     | 775     | 862     | 902     |         |         |
| D250                                                                              | 55      | 400                            | 801     | 847     | 954     | 1000    | 510     | 370     |
|                                                                                   |         | 450                            | 793     | 839     | 946     | 992     |         |         |
|                                                                                   |         | 550                            | 785     | 831     | 938     | 984     |         |         |
| D280S                                                                             | 75      | 400                            | 862     | 907     | 1018    | 1063    | 580     | 410     |
|                                                                                   |         | 450                            | 854     | 899     | 1010    | 1055    |         |         |
|                                                                                   |         | 550                            | 846     | 891     | 1002    | 1047    |         |         |
| D280M                                                                             | 90      | 400                            | 913     | 958     | 1069    | 1114    | 580     | 410     |
|                                                                                   |         | 450                            | 905     | 950     | 1061    | 1106    |         |         |
|                                                                                   |         | 550                            | 897     | 942     | 1053    | 1098    |         |         |

注意：  
L1表示电机增加制动器后的KM值。  
L2表示电机为变频调速三相异步电动机时的KM值。  
L3表示电动机为变频调节三相电动机并附带制动器时的KM值。  
因空间限制对电机尺寸要求时请向我公司咨询。

Notes:  
L1 is the KM value for motor with brake.  
L2 is the KM value for asynchronous motor with frequency.  
L3 is the KM value for asynchronous motor with frequency and brake.  
If you have any special requirements, please contact us.

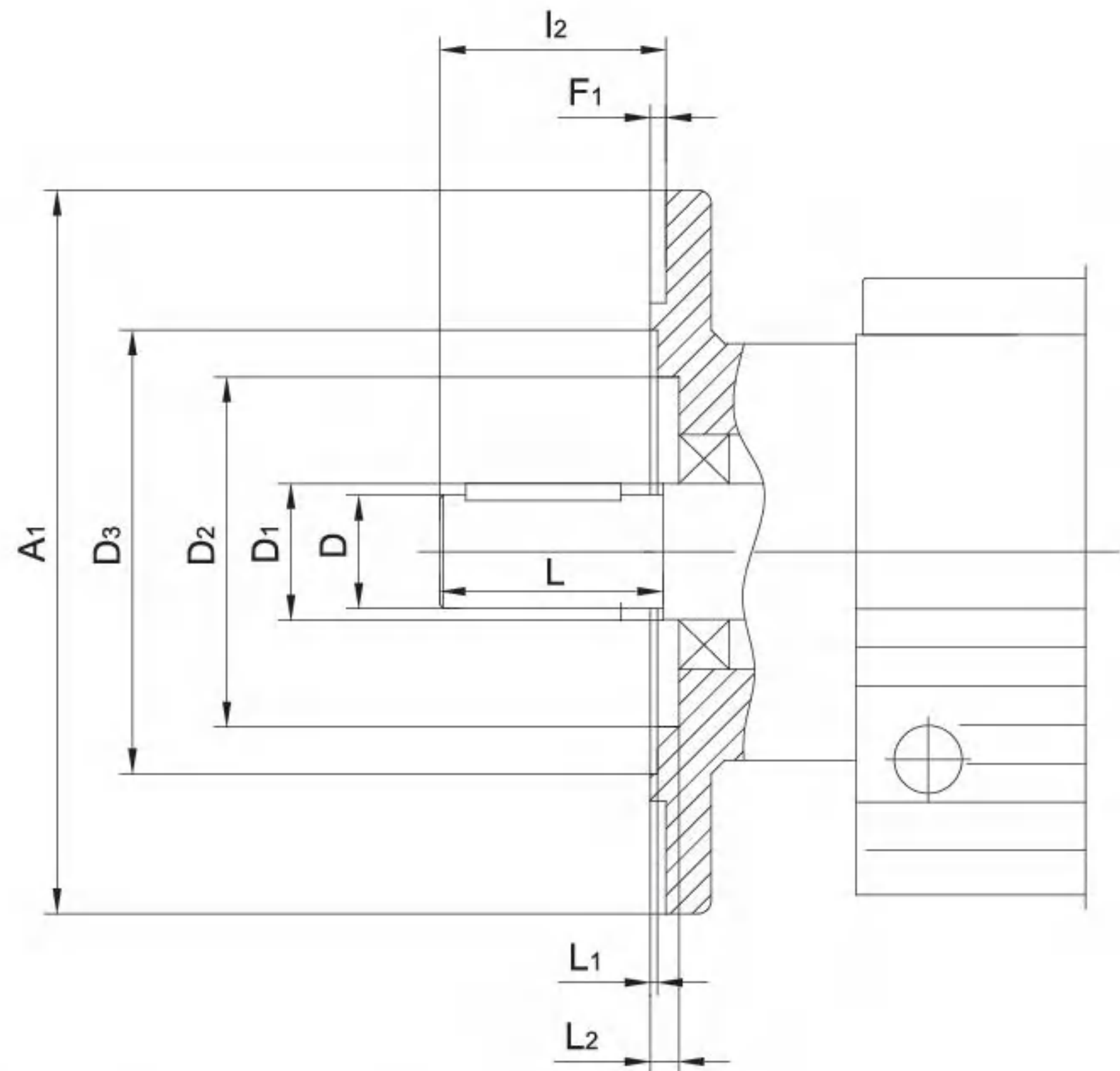
减速机重量  
Weight of reducer

|         | Kg  | 型号      | Kg | 型号      | Kg   | 型号     | Kg  | 型号     | Kg | 型号      | Kg  | 型号      | Kg   |
|---------|-----|---------|----|---------|------|--------|-----|--------|----|---------|-----|---------|------|
| KHX50   | 9   | KH..20  | 10 | KH..80  | 55   | KS20   | 6.5 | KS50   | 25 | KS80    | 96  | KS120   | 401  |
| KHXF50  | 11  | KH..20F | 12 | KH..80F | 63   | KSA20  | 6   | KSA50  | 24 | KSA80   | 90  | KSA120  | 365  |
| KHX60   | 12  | KH..30  | 10 | KH..90  | 100  | KSF20  | 8   | KSF50  | 31 | KSF80   | 112 | KSF120  | 447  |
| KHXF60  | 16  | KH..30F | 12 | KH..90F | 118  | KSAF20 | 7   | KSAF50 | 30 | KSAF80  | 105 | KSAF120 | 401  |
| KHX70   | 20  | KH..40  | 14 | KH..100 | 130  | KS30   | 13  | KS60   | 31 | KS90    | 157 | KS150   | 632  |
| KHXF70  | 24  | KH..40F | 14 | KH..130 | 235  | KSA30  | 12  | KSA60  | 27 | KSA90   | 150 | KSA150  | 610  |
| KHX80   | 35  | KH..50  | 20 | KH..140 | 360  | KSF30  | 15  | KSF60  | 37 | KSF90   | 190 | KSF150  | 740  |
| KHXF80  | 40  | KH..50F | 24 | KH..160 | 605  | KSAF30 | 14  | KSAF60 | 35 | KSAF90  | 171 | KSAF150 | 670  |
| KHX90   | 59  | KH..60  | 25 | KH..170 | 980  | KS40   | 18  | KS70   | 55 | KS100   | 241 | KS160   | 1040 |
| KHXF90  | 66  | KH..60F | 29 | KH..180 | 1400 | KSA40  | 17  | KSA70  | 50 | KSA100  | 225 | KSA160  | 990  |
| KHX100  | 88  | KH..70  | 30 |         |      | KSF40  | 21  | KSF70  | 66 | KSF100  | 269 | KSF160  | 1520 |
| KHXF100 | 103 | KH..70F | 36 |         |      | KSAF40 | 20  | KSAF70 | 58 | KSAF100 | 245 | KSAF160 | 1460 |

| 型号     | Kg   | 型号     | Kg  | 型号      | Kg  | 型号      | Kg   | 型号     | Kg  | 型号     | Kg  | 型号     | Kg  |
|--------|------|--------|-----|---------|-----|---------|------|--------|-----|--------|-----|--------|-----|
| KB30   | 12   | KB60   | 30  | KB90    | 150 | KB150   | 635  | KW30   | 6   | KW60   | 25  | KW90   | 140 |
| KBF30  | 15   | KBF60  | 36  | KBF90   | 171 | KBF150  | 715  | KWF30  | 8   | KWF60  | 32  | KWF90  | 171 |
| KBA30  | 11.5 | KBA60  | 27  | KBA90   | 130 | KBA150  | 603  | KWA30  | 6   | KWA60  | 26  | KWA90  | 135 |
| KBAF30 | 15   | KBAF60 | 34  | KBAF90  | 156 | KBAF150 | 660  | KWAF30 | 7.5 | KWAF60 | 31  | KWAF90 | 160 |
| KB40   | 19   | KB70   | 54  | KB100   | 260 | KB160   | 1035 | KW40   | 10  | KW70   | 45  |        |     |
| KBF40  | 22.5 | KBF70  | 62  | KBF100  | 271 | KBH160  | 1000 | KWF40  | 14  | KWF70  | 55  |        |     |
| KBA40  | 18   | KBA70  | 46  | KBA100  | 231 | KB180   | 1615 | KWA40  | 11  | KWA70  | 45  |        |     |
| KBAF40 | 21   | KBAF70 | 55  | KBAF100 | 265 | KBH180  | 1550 | KWAF40 | 13  | KWAF70 | 52  |        |     |
| KB50   | 24   | KB80   | 90  | KB120   | 410 |         |      | KW50   | 14  | KW80   | 80  |        |     |
| KBF50  | 29   | KBF80  | 100 | KBF120  | 452 |         |      | KWF50  | 18  | KWF80  | 101 |        |     |
| KBA50  | 22   | KBA80  | 78  | KBA120  | 381 |         |      | KWA50  | 14  | KWA80  | 76  |        |     |
| KBAF50 | 28   | KBAF80 | 91  | KBAF120 | 419 |         |      | KWAF50 | 17  | KWAF80 | 94  |        |     |



9.4 KHF..和KH..F减速机法兰外形图  
9.4 Flange drawings of KHF..and KH..Fgear units



选择和安装输出零件时请注意L1和L2尺寸  
Check dimensions L1 and L2 for selection and installation of output elements

| 规格 Type     | A1  | D   | D1  | D2  |      | D3  | F1  | 12  | L   | L1  |      | L2  |
|-------------|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|------|-----|
|             |     |     |     | R F | R..F |     |     |     |     | R F | R..F |     |
| KHF10,KH10F | 120 | 20  | 25  | 46  | 46   | 65  | 3   | 40  | 40  | 1   | 1    | 5   |
|             | 140 |     |     |     | -    | 78  | 3   |     |     | 1   | -    | 5   |
| KHF20,KH20F | 120 | 25  | 30  | 54  | 4    | 66  | 3   | 50  | 50  | 1   | 1    | 6   |
|             | 140 |     |     |     | -    | 79  | 3   |     |     | 3   | -    | 7   |
|             | 160 |     |     |     | -    | 92  | 3.5 |     |     | 3   | -    | 7   |
| KHF30,KH30F | 120 | 25  | 35  | 60  | 63   | 70  | 3   | 50  | 50  | 5   | 4    | 7   |
|             | 160 |     |     |     | -    | 96  | 3.5 |     |     | 1   | -    | 7.5 |
|             | 200 |     |     |     | -    | 119 | 3.5 |     |     | 1   | -    | 7.5 |
| KHF40,KH40F | 140 | 30  | 35  | 72  | 64   | 82  | 3   | 60  | 60  | 4   | 1    | 6   |
|             | 160 |     |     |     | -    | 96  | 3.5 |     |     | 0.5 | -    | 6.5 |
|             | 200 |     |     |     | -    | 116 | 3.5 |     |     | 0.5 | -    | 6.5 |
| KHF50,KH50F | 160 | 35  | 40  | 76  | 75   | 96  | 3.5 | 70  | 70  | 4   | 2.5  | 5   |
|             | 200 |     |     |     | -    | 116 | 3.5 |     |     | 0   | -    | 5   |
|             | 250 |     |     |     | -    | 160 | 4   |     |     | 0.5 | -    | 5.5 |
| KHF60,KH60F | 200 | 35  | 50  | 90  | 90   | 118 | 3.5 | 70  | 70  | 2   | 4    | 7   |
|             | 250 |     |     |     | -    | 160 | 4   |     |     | 1   | -    | 7.5 |
| KHF70,KH70F | 250 | 40  | 52  | 112 | 100  | 160 | 4   | 80  | 80  | 0.5 | 2.5  | 7   |
|             | 300 |     |     |     | -    | 210 | 4   |     |     | 0.5 | -    | 7   |
| KHF80,KH80F | 300 | 50  | 62  | 123 | 122  | 210 | 4   | 100 | 100 | 0   | 1.5  | 8   |
|             | 350 |     |     |     | -    | 226 | 5   |     |     | 1   | -    | 9   |
| KHF90,KH90F | 350 | 60  | 72  | 136 |      | 236 | 5   | 120 | 120 | 0   |      | 9   |
|             | 450 |     |     |     |      | 320 |     |     |     |     |      |     |
| KHF120,     | 350 | 70  | 82  | 157 |      | 232 | 5   | 140 | 140 | 0   |      | 11  |
|             | 450 |     |     |     |      | 316 |     |     |     |     |      |     |
| KHF130      | 450 | 90  | 108 | 180 |      | 316 | 5   | 170 | 170 | 0   |      | 10  |
|             | 550 |     |     |     |      | 416 |     |     |     |     |      |     |
| KHF140      | 450 | 110 | 125 | 210 |      | 316 | 5   | 210 | 210 | 0   |      | 10  |
|             | 550 |     |     |     |      | 416 |     |     |     |     |      |     |
| KHF160      | 550 | 120 | 145 | 290 |      | 416 | 5   | 210 | 210 | 1   |      | 10  |
|             | 660 |     |     |     |      | 517 | 6   |     |     | 2   |      | 11  |

9.5 减速机安装  
9.5 Gear unit mounting

例外  
Exception

安装减速机和减速电机时一定要使用8.8级螺栓  
Always use bolts quality 8.8 for mounting gear units and geared motors.

当传递样本上所给定的额定扭矩时，下面几种法兰安装(KHF..)和地脚/法兰安装(KH..F)的斜齿轮减速机，法兰和用户安装单元固定时一定要用10.9级的螺栓。

- KHF30和带  $\phi$  120mm 法兰的KH30F
- KHF30和带  $\phi$  140mm 法兰的KH30F
- KHF30和带  $\phi$  160mm 法兰的KH30F

Bolts of quality 10.9 must be used for fastening the flange to the customer supplied unit in order to transmit the rated torque specified in the catalog. These bolts must be used in case following flange – mounted helical geared motors (KHF..)and foot/flange-mounted helical geared motors (KH..F) :

- KHF30,KH30F with flange  $\phi$  120mm
- KHF40,KH40F with flange  $\phi$  140mm
- KHF50,KH50F with flange  $\phi$  160mm

KBH160...,KBH180..  
的力矩臂

Torque arms for  
KBH160...,KBH180..

对于减速电机KBF160..和KBH180..作为标准配置,一般不提供扭矩臂。如果需要, 请和KPM联系, 我们将给出推荐的安装位置和尺寸图。

As standard,there are no torqye arms availble for gear unit sizes KBF160..and KBH180..  
Please contact KPM if you require torque arms for these gear units. We will submit the configuration of recommendations.



耐磨轴承  
用润滑油  
Anti-friction  
bearing  
greases

| DIN(ISO,SAE)标准润滑油<br>Normal lubricating                           | 环境温度℃<br>Ambient temperature | 减速机型号<br>Gear unit type                                                     |
|-------------------------------------------------------------------|------------------------------|-----------------------------------------------------------------------------|
| 矿物轴承润滑脂K32N/K2K<br>mineral bearing lubricating<br>lipin K32N/K2K  | “-30”-“+30”                  | 正常型式：减速机、电机<br>Normal type: motor reducer                                   |
| 合成轴承润滑脂KHC 2R-40<br>synthetic bearing lubricating<br>lipin K2R-40 | “-40”-“+80”                  | 减速机加注合成润滑油<br>Reducers need to inject the<br>synthetic lubricant            |
| 矿物轴承润滑脂K3N-30<br>mineral bearing lubricating<br>lipin K3N-30      | “-25”-“+80”                  | 特殊型式：按应用场合确定的电机<br>Special type: select the motor in<br>different situation |
| 合成轴承润滑脂K2S-50<br>synthetic bearing lubricating<br>lipin K2S-50    | “-45”-“+25”                  | 特殊型式：按应用场合确定的电机<br>Special type: select the motor in<br>different situation |

合成润滑油 Synthetic lubricant  
 矿物润滑油 Mineral lubricant  
 1) Pls contact with KPM when the Helical-worm geared motors use PG oil.  
 2) Small conglutination index oil, other types of reducers. pls contact with DAIFUSI.  
 3) Food or beverage industry used oil.  
 4) Biology decompose oil.

4) biology decompose oil.



加油量  
Lubricant  
fill quantities

斜齿轮减  
速器(KH..)  
Helical gear  
units (KH..)

规定的注油量是参考值。精确的注油量随着减速机的级数和速比的不同而变化。注油时,最有效是检查油位塞因为它指示精确注油量。  
The specified fill quantities are recommended values. The precise vary depending on the number of stages and gear ratio. When filling, it is essential to check the oil level plug since it indicates the precise oil capacity.

下表按安装位置M1–M6,给出了注油量的参考值。

The following tables show referenced values for lubricant fill quantities in relation to relation to the Mounting position M1–M6

| 减速器型号<br>Gear unit type | 注油量(升) Fill quantity (L) |                  |      |      |      |      |
|-------------------------|--------------------------|------------------|------|------|------|------|
|                         | M1 <sup>1)</sup>         | M2 <sup>1)</sup> | M3   | M4   | M5   | M6   |
| KH10/KH10F              | 0.25                     | 0.6              | 0.35 | 0.6  | 0.35 | 0.35 |
| KH20/KH20F              | 0.25/0.4                 | 0.7              | 0.4  | 0.7  | 0.4  | 0.4  |
| KH30/KH30F              | 0.3/1                    | 0.9              | 1    | 1.1  | 0.8  | 1    |
| KH40/KH40F              | 0.7/1.5                  | 1.6              | 1.5  | 1.7  | 1.5  | 1.5  |
| KH50/KH50F              | 0.8/1.7                  | 1.9              | 1.7  | 2.1  | 1.7  | 1.7  |
| KH60/KH60F              | 1.1/2.3                  | 2.6/3.5          | 2.8  | 3.2  | 1.8  | 2    |
| KH70/KH70F              | 1.2/3                    | 3.8/4.3          | 3.6  | 4.3  | 2.5  | 3.4  |
| KH80/KH80F              | 2.3/6                    | 6.7/8.4          | 7.2  | 7.7  | 6.3  | 6.5  |
| KH90                    | 4.6/9.8                  | 11.7/14          | 11.7 | 13.4 | 11.3 | 11.7 |
| KH100                   | 6/13.7                   | 16.3             | 16.9 | 19.2 | 13.2 | 15.9 |
| KH130                   | 10/25                    | 28               | 29.5 | 31.5 | 25   | 25   |
| KH140                   | 15.4/40                  | 46.5             | 48   | 52   | 39.5 | 41   |
| KH160                   | 27/70                    | 82               | 78   | 88   | 66   | 69   |

| 减速器型号<br>Gear unit type | 注油量(升) Fill quantity (L) |                  |      |      |      |      |
|-------------------------|--------------------------|------------------|------|------|------|------|
|                         | M1 <sup>1)</sup>         | M2 <sup>1)</sup> | M3   | M4   | M5   | M6   |
| KHF10                   | 0.25                     | 0.6              | 0.35 | 0.6  | 0.35 | 0.35 |
| KHF20                   | 0.25/0.4                 | 0.7              | 0.4  | 0.7  | 0.4  | 0.4  |
| KHF30                   | 0.4/1                    | 0.9              | 1    | 1.1  | 0.8  | 1    |
| KHF40                   | 0.7/1.5                  | 1.6              | 1.5  | 1.7  | 1.5  | 1.5  |
| KHF50                   | 0.8/1.7                  | 1.8              | 1.7  | 2    | 1.7  | 1.7  |
| KHF60                   | 1.2/2.5                  | 2.7/3.6          | 2.7  | 3.1  | 1.9  | 2.1  |
| KHF70                   | 1.2/2.6                  | 3.8/4.1          | 3.3  | 4.1  | 2.4  | 3    |
| KHF80                   | 2.4/6                    | 6.8/7.9          | 7.1  | 7.7  | 6.3  | 6.4  |
| KHF90                   | 5.1/10.2                 | 11.9/14          | 11.2 | 14   | 11.2 | 11.8 |
| KHF100                  | 6.3/14.9                 | 15.9             | 17   | 19.2 | 13.1 | 15.9 |
| KHF130                  | 9.5/25                   | 27               | 29   | 32.5 | 25   | 25   |
| KHF140                  | 16.4/42                  | 47               | 48   | 52   | 42   | 42   |
| KHF160                  | 26/70                    | 82               | 78   | 88   | 65   | 71   |

1)多级减速机中较大的减速机须注较多的油量。

The output end gear unit of multi-stage gear units be filled with the larger oil volume.

| 减速器型号<br>Gear unit type | 注油量(升) Fill quantity (L) |     |      |      |     |     |
|-------------------------|--------------------------|-----|------|------|-----|-----|
|                         | M1                       | M2  | M3   | M4   | M5  | M6  |
| KHX50                   | 0.6                      | 0.8 | 1.3  | 1.3  | 0.9 | 0.9 |
| KHX60                   | 0.8                      | 0.8 | 1.7  | 1.9  | 1.1 | 1.1 |
| KHX70                   | 1.1                      | 1.5 | 2.6  | 2.7  | 1.6 | 1.6 |
| KHX80                   | 1.7                      | 2.5 | 4.8  | 4.8  | 2.9 | 2.9 |
| KHX90                   | 2.1                      | 3.4 | 7.4  | 7    | 4.8 | 4.8 |
| KHX100                  | 3.9                      | 5.6 | 11.6 | 11.9 | 7.7 | 7.7 |

| 减速器型号<br>Gear unit type | 注油量(升) Fill quantity (L) |     |      |      |     |     |
|-------------------------|--------------------------|-----|------|------|-----|-----|
|                         | M1                       | M2  | M3   | M4   | M5  | M6  |
| KHXF50                  | 0.5                      | 0.8 | 1.1  | 1.1  | 0.7 | 0.7 |
| KHXF60                  | 0.7                      | 0.8 | 1.5  | 1.7  | 1   | 1   |
| KHXF70                  | 0.9                      | 1.5 | 2.4  | 2.5  | 1.6 | 1.6 |
| KHXF80                  | 1.6                      | 2.5 | 4.9  | 4.7  | 2.9 | 2.9 |
| KHXF90                  | 2.1                      | 3.6 | 7.1  | 7    | 4.8 | 4.8 |
| KHXF100                 | 3.1                      | 5.9 | 11.2 | 10.5 | 7.2 | 7.2 |

平行轴斜齿轮减速器(KS..)

Parallel shaft helical gear units (KS..)

KS..,KSA..,KSH..,KSV..B

| 减速器型号<br>Gear unit type | 注油量(升) Fill quantity (L) |      |      |      |      |     |
|-------------------------|--------------------------|------|------|------|------|-----|
|                         | M1                       | M2   | M3   | M4   | M5   | M6  |
| KS30                    | 1                        | 1.2  | 0.7  | 1.2  | 1    | 1.1 |
| KS40                    | 1.5                      | 1.8  | 1.1  | 1.9  | 1.5  | 1.7 |
| KS50                    | 2.6                      | 3.7  | 2.1  | 3.5  | 2.8  | 2.9 |
| KS60                    | 2.7                      | 3.8  | 1.9  | 3.8  | 2.9  | 3.2 |
| KS70                    | 5                        | 7.3  | 4.3  | 8    | 6    | 6.3 |
| KS80                    | 10                       | 13.0 | 7.7  | 13.8 | 10.8 | 11  |
| KS90                    | 18.5                     | 22.5 | 12.6 | 25.2 | 18.5 | 20  |
| KS100                   | 24.5                     | 32   | 19.5 | 37.5 | 27   | 27  |
| KS120                   | 40.5                     | 55   | 34   | 61   | 46.5 | 47  |
| KS150                   | 69                       | 104  | 63   | 105  | 86   | 78  |

KSF..

| 减速器型号<br>Gear unit type | 注油量(升) Fill quantity (L) |      |      |      |      |      |
|-------------------------|--------------------------|------|------|------|------|------|
|                         | M1                       | M2   | M3   | M4   | M5   | M6   |
| KSF30                   | 1                        | 1.2  | 0.7  | 1.3  | 1    | 1.1  |
| KSF40                   | 1.6                      | 1.9  | 1.1  | 1.9  | 1.5  | 1.7  |
| KSF50                   | 2.8                      | 3.8  | 2.1  | 3.7  | 2.9  | 3    |
| KSF60                   | 2.7                      | 3.8  | 1.9  | 3.8  | 2.9  | 3.2  |
| KSF70                   | 5.1                      | 7.3  | 4.3  | 8.1  | 6    | 6.3  |
| KSF80                   | 10.3                     | 13.2 | 7.8  | 14.1 | 11   | 11.2 |
| KSF90                   | 19                       | 22.5 | 12.6 | 25.5 | 18.9 | 20.5 |
| KSF100                  | 25.5                     | 32   | 19.5 | 38.5 | 27.5 | 28   |
| KSF120                  | 41.5                     | 56   | 34   | 63   | 46.5 | 49   |
| KSF150                  | 72                       | 105  | 64   | 106  | 87   | 79   |

KSA..,KSH..,KSV..,KSAF..,KSHF..,KSVF..,KSAZ..,KSHZ..,KSVZ..

| 减速器型号<br>Gear unit type | 注油量(升) Fill quantity (L) |      |      |      |      |      |
|-------------------------|--------------------------|------|------|------|------|------|
|                         | M1                       | M2   | M3   | M4   | M5   | M6   |
| KS..30                  | 1                        | 1.2  | 0.7  | 1.2  | 1    | 1.1  |
| KS..40                  | 1.5                      | 1.8  | 1.1  | 1.9  | 15   | 1.7  |
| KS..50                  | 2.7                      | 3.8  | 2.1  | 3.6  | 2.9  | 3    |
| KS..60                  | 2.7                      | 3.8  | 1.9  | 3.8  | 2.9  | 3.2  |
| KS..70                  | 5                        | 7.3  | 4.3  | 8    | 6    | 6.3  |
| KS..80                  | 10                       | 13.0 | 77   | 13.8 | 10.8 | 11   |
| KS..90                  | 18.5                     | 22.5 | 12.6 | 25.0 | 18.5 | 20   |
| KS..100                 | 24.5                     | 32   | 19.5 | 37.5 | 27   | 27   |
| KS..120                 | 39                       | 55   | 34   | 61   | 45   | 46.5 |
| KS..150                 | 68                       | 103  | 62   | 104  | 85.  | 77   |



斜齿轮-锥齿轮减速器(KB.)  
Helical-bevel Gear unit (KB..)

KB.,KBA...,KBH...,KBV..

| 减速器型号<br>Gear unit type | 注油量(升) Fill quantity (L) |      |      |      |      |      |
|-------------------------|--------------------------|------|------|------|------|------|
|                         | M1                       | M2   | M3   | M4   | M5   | M6   |
| KB..30                  | 0.5                      | 1    | 1    | 1.3  | 1    | 1    |
| KB..40                  | 0.8                      | 1.3  | 1.5  | 2    | 1.6  | 1.6  |
| KB..50                  | 1.2                      | 2.3  | 2.5  | 3    | 2.6  | 2.4  |
| KB..60                  | 1.1                      | 2.4  | 2.6  | 3.4  | 2.6  | 2.6  |
| KB..70                  | 2.2                      | 4.1  | 4.4  | 5.9  | 4.2  | 4.4  |
| KB..80                  | 3.7                      | 8    | 8.7  | 10.9 | 7.8  | 8    |
| KB..90                  | 7                        | 14   | 15.7 | 20   | 15.7 | 15.5 |
| KB..100                 | 10                       | 21   | 25.5 | 33.5 | 24   | 24   |
| KB..120                 | 21                       | 41.5 | 44   | 54   | 40   | 41   |
| KB..150                 | 31                       | 62   | 6.5  | 90   | 58   | 62   |
| KB..160                 | 35                       | 100  | 100  | 125  | 85   | 85   |
| KB..180                 | 60                       | 170  | 170  | 205  | 130  | 130  |

KBF..

| 减速器型号<br>Gear unit type | 注油量(升) Fill quantity (L) |      |      |      |      |      |
|-------------------------|--------------------------|------|------|------|------|------|
|                         | M1                       | M2   | M3   | M4   | M5   | M6   |
| KBF30                   | 0.5                      | 1.1  | 1.1  | 1.5  | 1    | 1    |
| KBF40                   | 0.8                      | 1.3  | 1.7  | 2.2  | 1.6  | 1.6  |
| KBF50                   | 1.3                      | 2.3  | 2.7  | 3    | 2.9  | 2.7  |
| KBF60                   | 1.1                      | 2.4  | 2.8  | 3.6  | 2.7  | 2.7  |
| KBF70                   | 2.1                      | 4.1  | 4.4  | 6    | 4.5  | 4.5  |
| KBF80                   | 3.7                      | 8.2  | 9    | 11.9 | 8.4  | 8.4  |
| KBF90                   | 7                        | 14.7 | 17.3 | 21.5 | 15.7 | 16.5 |
| KBF100                  | 10                       | 22   | 26   | 35   | 25   | 25   |
| KBF120                  | 21                       | 41.5 | 46   | 55   | 41   | 41   |
| KBF150                  | 31                       | 66   | 69   | 92   | 62   | 62   |

KBF.,KBH...,KBV...,KBAF...,KBHF...,KBVF...,KBAZ...,KBHZ...,KBVZ..

| 减速器型号<br>Gear unit type | 注油量(升) Fill quantity (L) |      |      |      |      |      |
|-------------------------|--------------------------|------|------|------|------|------|
|                         | M1                       | M2   | M3   | M4   | M5   | M6   |
| KB..30                  | 0.5                      | 1    | 1    | 1.4  | 1    | 1    |
| KB..40                  | 0.8                      | 1.3  | 1.6  | 2.1  | 1.6  | 1.6  |
| KB..50                  | 1.3                      | 2.3  | 2.7  | 3    | 2.9  | 2.7  |
| KB..60                  | 1.1                      | 2.4  | 2.7  | 3.6  | 2.6  | 2.6  |
| KB..70                  | 2.1                      | 4.1  | 4.6  | 6    | 4.4  | 4.4  |
| KB..80                  | 3.7                      | 8.2  | 8.8  | 11.1 | 8    | 8    |
| KB..90                  | 7                        | 14.7 | 15.7 | 20   | 15.7 | 15.7 |
| KB..100                 | 10                       | 20.5 | 24   | 32   | 24   | 24   |
| KB..120                 | 21                       | 41.5 | 43   | 52   | 40   | 40   |
| KB..150                 | 31                       | 66   | 67   | 87   | 62   | 62   |
| KB..160                 | 35                       | 100  | 100  | 125  | 85   | 85   |
| KB..180                 | 60                       | 170  | 170  | 205  | 130  | 130  |

斜齿轮-蜗轮蜗杆减速器 (KW.)  
Helical-worm Gear units (KW..)

KW

| 减速器型号<br>Gear unit type | 注油量(升) Fill quantity (L) |     |                  |      |     |     |
|-------------------------|--------------------------|-----|------------------|------|-----|-----|
|                         | M1                       | M2  | M3 <sup>1)</sup> | M4   | M5  | M6  |
| KW30                    | 0.25                     | 0.4 | 0.5              | 0.6  | 0.4 | 0.4 |
| KW40                    | 0.35                     | 0.8 | 0.7              | 1.1  | 0.8 | 0.8 |
| KW50                    | 0.5                      | 1.2 | 1                | 1.5  | 1.3 | 1.3 |
| KW60                    | 1                        | 2.0 | 2.2/3.1          | 3.2  | 2.6 | 2.6 |
| KW70                    | 1.9                      | 4.2 | 3.7/5.4          | 6    | 4.4 | 4.4 |
| KW80                    | 3.3                      | 8.1 | 6.9/10.4         | 12   | 8.4 | 8.4 |
| KW90                    | 6.8                      | 15  | 13.4/18          | 22.5 | 17  | 17  |

1)多级减速箱中较大的减速机须注较多的油量。  
The output end unit of multi-stage gear units must be filled with the larger oil volume.

KWF..

| 减速器型号<br>Gear unit type | 注油量(升) Fill quantity (L) |     |                  |      |     |     |
|-------------------------|--------------------------|-----|------------------|------|-----|-----|
|                         | M1                       | M2  | M3 <sup>1)</sup> | M4   | M5  | M6  |
| KWF30                   | 0.25                     | 0.4 | 0.5              | 0.6  | 0.4 | 0.4 |
| KWF40                   | 0.4                      | 0.9 | 0.9              | 1.2  | 1.0 | 1   |
| KWF50                   | 0.5                      | 1.2 | 1                | 1.6  | 1.4 | 1.4 |
| KWF60                   | 1                        | 2.2 | 2.3/3            | 3.2  | 2.7 | 2.7 |
| KWF70                   | 1.9                      | 4.1 | 3.9/5.8          | 6.5  | 4.9 | 4.9 |
| KWF80                   | 3.8                      | 8   | 7.1/10.1         | 12   | 9.1 | 9.1 |
| KWF90                   | 7.4                      | 15  | 13.8/18.8        | 23.6 | 18  | 18  |

1)多级减速箱中较大的减速机须注较多的油量。  
The output end unit of multi-stage gear units must be filled with the larger oil volume.

KWA.,KWH...,KWAFF...,KWHF...,KWAZ...,KWHZ..

| 减速器型号<br>Gear unit type | 注油量(升) Fill quantity (L) |     |                  |      |      |      |
|-------------------------|--------------------------|-----|------------------|------|------|------|
|                         | M1                       | M2  | M3 <sup>1)</sup> | M4   | M5   | M6   |
| KW..30                  | 0.25                     | 0.4 | 0.5              | 0.6  | 0.4  | 0.4  |
| KW..40                  | 0.4                      | 0.8 | 0.7              | 1.1  | 0.8  | 0.8  |
| KW..50                  | 0.5                      | 1.1 | 1                | 1.6  | 1.2  | 1.2  |
| KW..60                  | 1                        | 2   | 1.8/2.6          | 2.9  | 2.5  | 2.5  |
| KW..70                  | 1.8                      | 3.9 | 3.6/5            | 5.9  | 4.5  | 4.5  |
| KW..80                  | 3.8                      | 7.4 | 6/8.7            | 11.2 | 8    | 8    |
| KW..90                  | 7                        | 14  | 11.4/16          | 21   | 15.7 | 15.7 |

1)多级减速箱中较大的减速机须注较多的油量。  
The output end unit of multi-stage gear units must be filled with the larger oil volume.

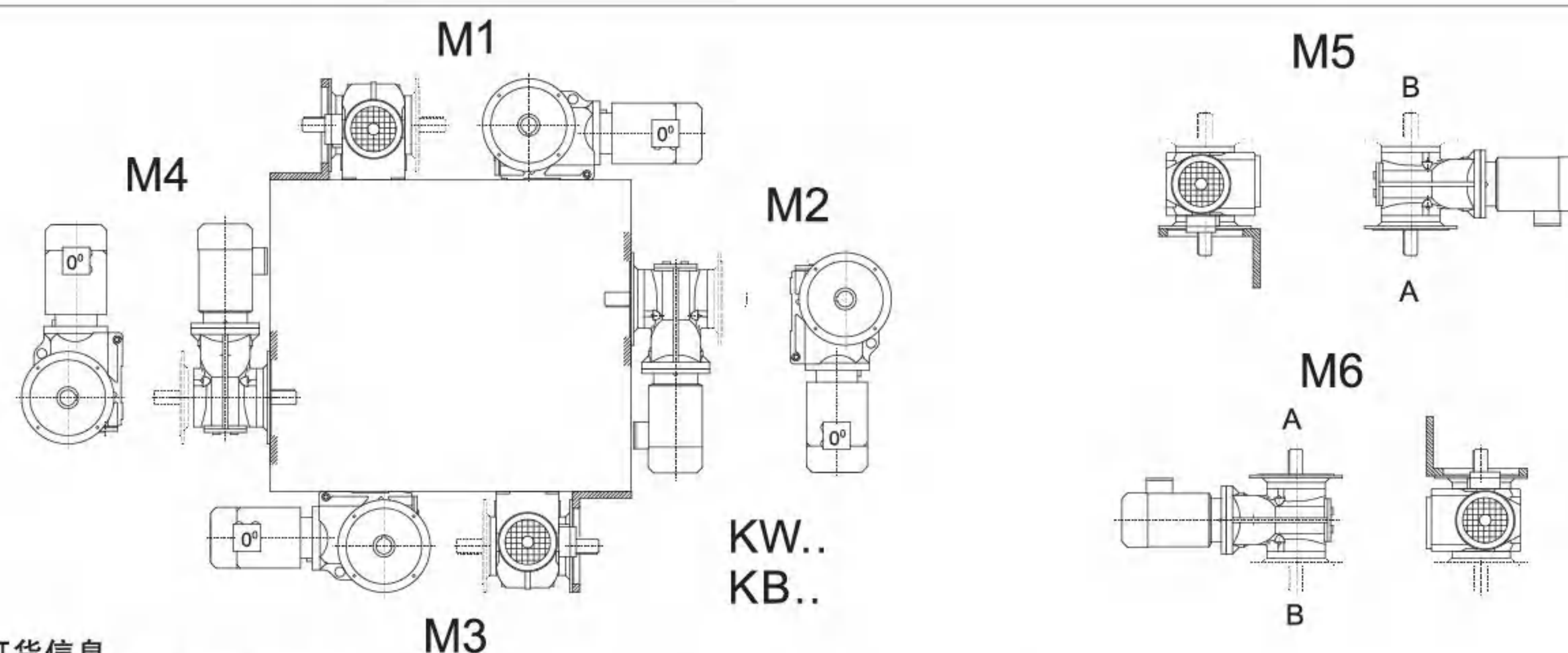
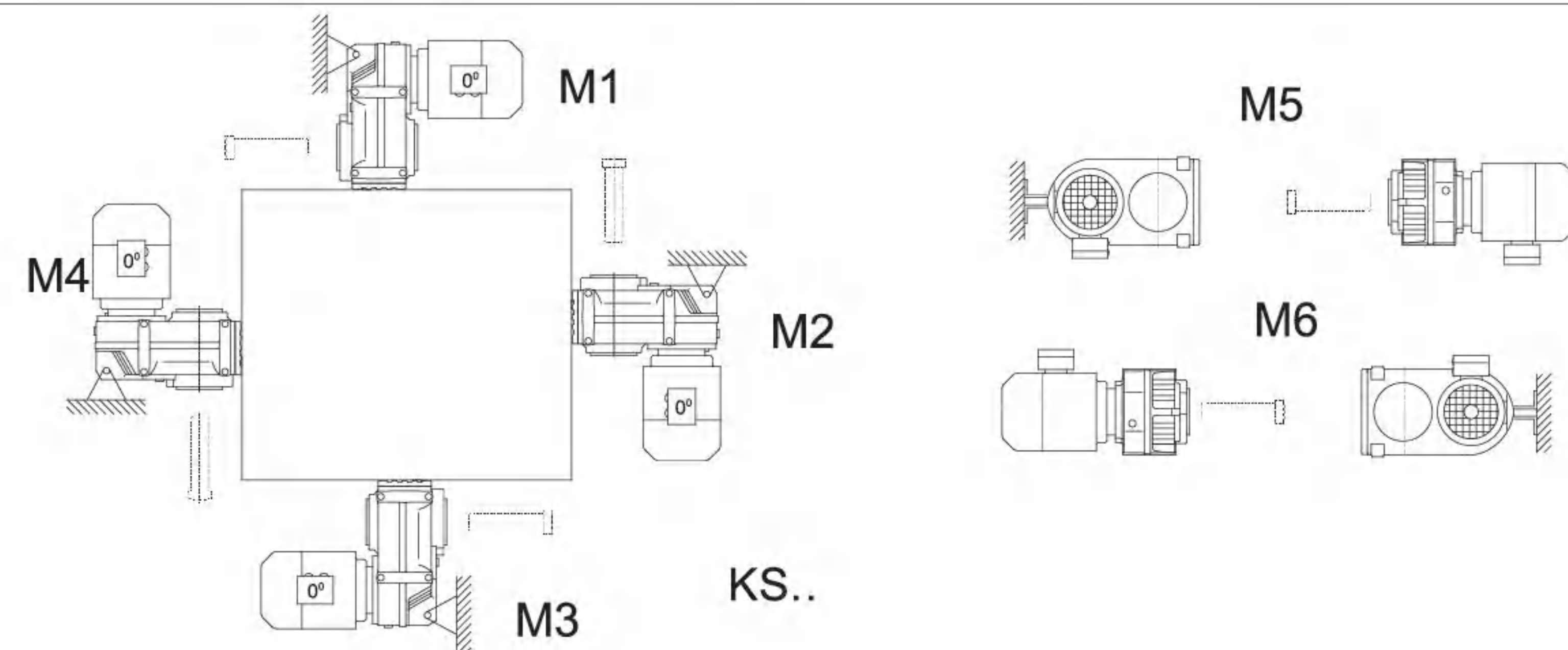
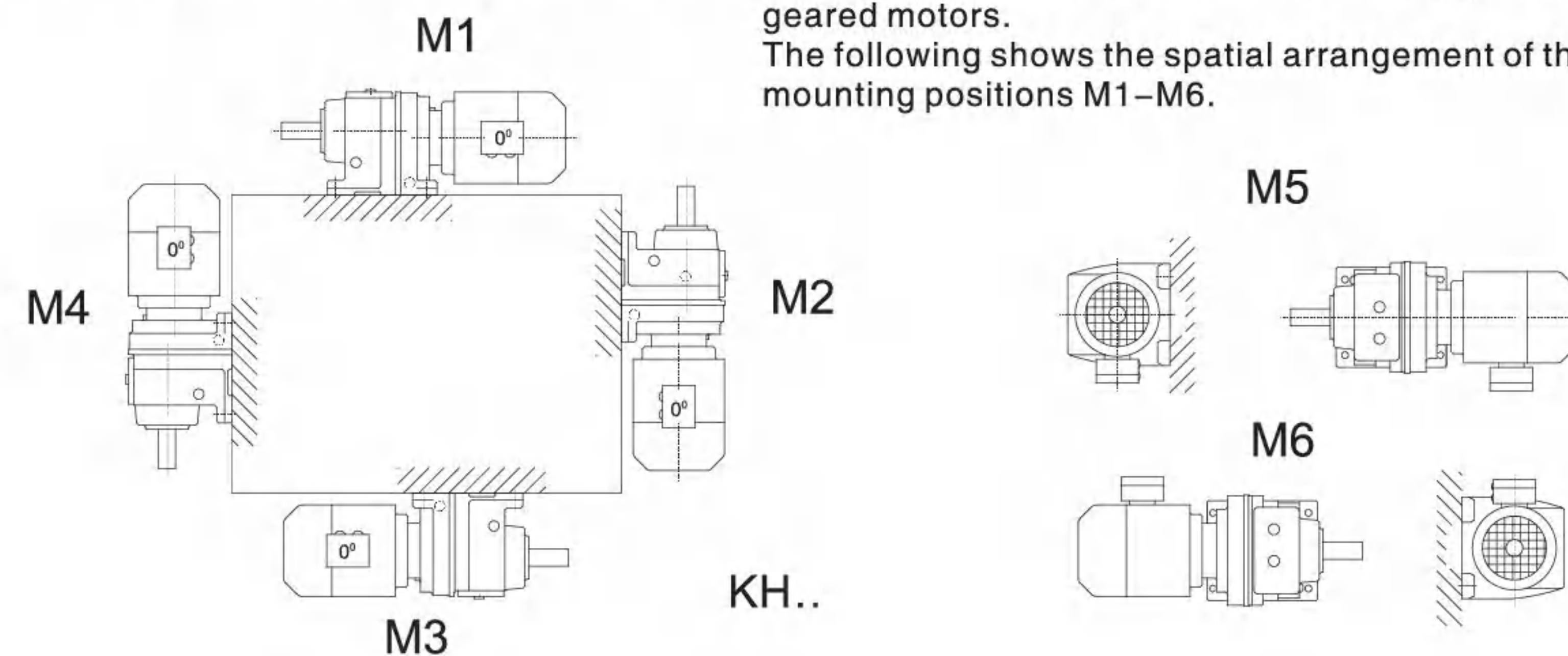


## 10. 安装位置 Mounting Position

### 10.1 安装位置概述

#### 10.1 Mounting Position designation

安装位置说明：KPM减速电机有M1..M6共6种安装位置。  
下面的图表说明了减速器安装位置M1 M6的空间排列。  
KPM differentiates between six mounting position M1–M6 for geared motors.  
The following shows the spatial arrangement of the gear units in mounting positions M1–M6.



**重要的订货信息**  
Important indention information  
除了安装位置以外，下面订货资料也是必需的，以便精确描述所要求的减速电机外形。  
Except the mounting position, the indention informations for depicting the figure of gear

电机接线盒位置  
电机接线盒出线口位置  
对直角轴减速机：输出方向  
对直角轴型带收缩盘轴装式减速机：连接端带或不带法兰  
带逆止器的减速电机：设备的旋转方向

Unit exactly are necessary  
Position of the motor terminal box  
For the right-angle shaft reducers:output shaft connection.  
For the right-angle shaft reducers:with shrink-disk:with or without flange  
For the drive with a backstop: the Direction of rotation.

#### 电机接线盒和出线嘴位置

##### Position of the motor terminal box cable entry

电机接线盒从电机风扇罩看(如图),位置分别表示为0°,90°,180°或270°  
出线嘴的位置也可以进行选择(如图),分别表示为“Normal”, “1”, “2” 或 “3”  
Possible positions of the terminal box are 0°, 90°, 180° or 270° as ciewed onto the fan guard=B-side  
In addition, the position of the cable entry can be selected. The possibilities are "X"(=normal position), "1", "2", or "3"

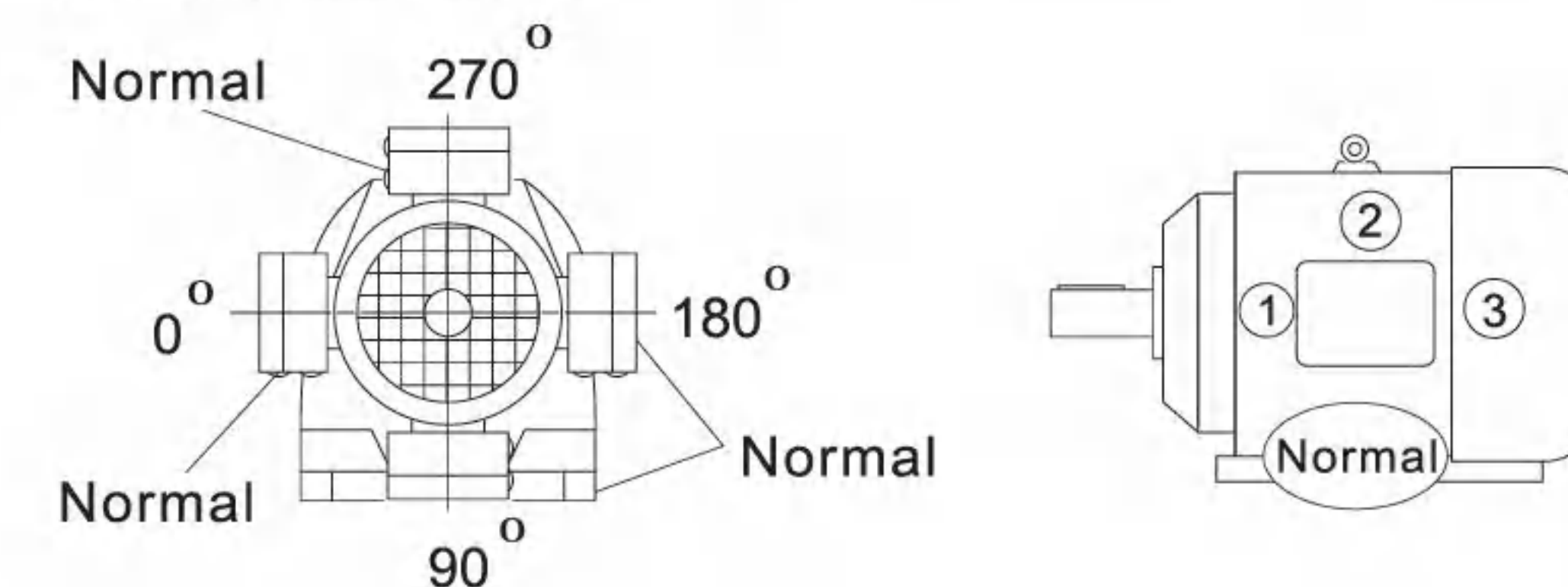


图:接线盒与出线嘴的位置  
Fig:Position of the terminal box and cable entry

对于接线盒,除非给出了详细信息,否则接线盒按0°,出线嘴按“Normal”供货。  
我们建议安装位置在M3时,应选择出线嘴位置为“2”。

注意：  
对于 KH10D71..减速机,接线盒位置不能标为90°  
D71..BMG接线盒位置为90°时,出线嘴位置不能标为“2”。  
Unless other information is given regarding the terminal box, the 0° type with "X" cable entry will be supplied. We recommend selecting cable entry "2" with mounting position M3.  
The terminal box cannot be positioned at 90° on the KH10D71..geared motor.  
Cable entry "2" is not possible with the D71.. BMG motor with terminal box position 90°



#### 带逆止器减速电机的旋转方向

##### Direction of rotation of the drive with a backstop

若减速电机带逆止器,规定出减速电机的旋转方向是很必要的。按下列标识：  
从输出轴看:顺时针(CW)为向右旋转逆时针(CCW)为向左旋转  
If the drive has a RS backstop, it is necessary to stipulate the direction of drive rotation.  
The following definition applies:  
Looking onto the output shaft: Clockwise (CW) =Rotating to the right  
Counterclockwise(CCW) = Rotating to the left

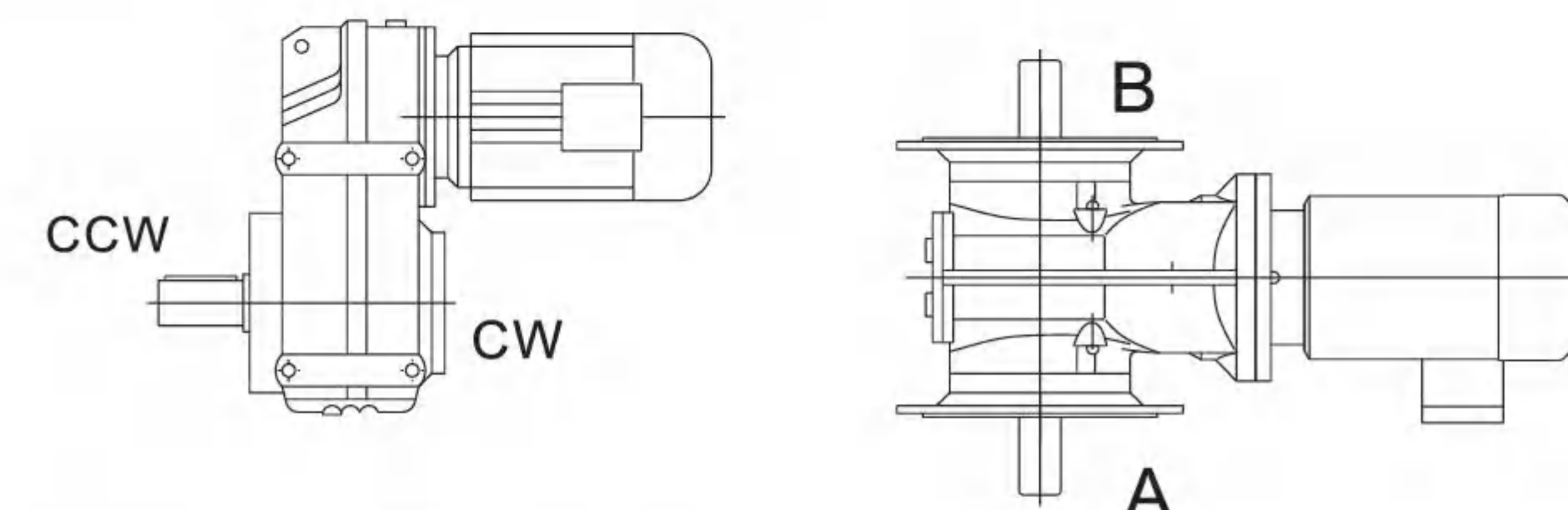


图:输出轴的旋转方向  
Fig: Direction of rotation of the output shaft

对于直角轴型式减速电机,规定出给定的旋转方向是从A端看还是从B端看的,这是非常必要的。  
In right-angle gear units, it is necessary to indicate if the direction of rotation is given where be looked from the A or B end.



输出轴的位置  
Position of the output shaft

对于直角轴型减速机,规定出轴方向是必要的 : A或B,还是A+B(见图)  
In right-angle gear units, it is necessary to indicate the position of the output shaft and output flange: A or B or A+B

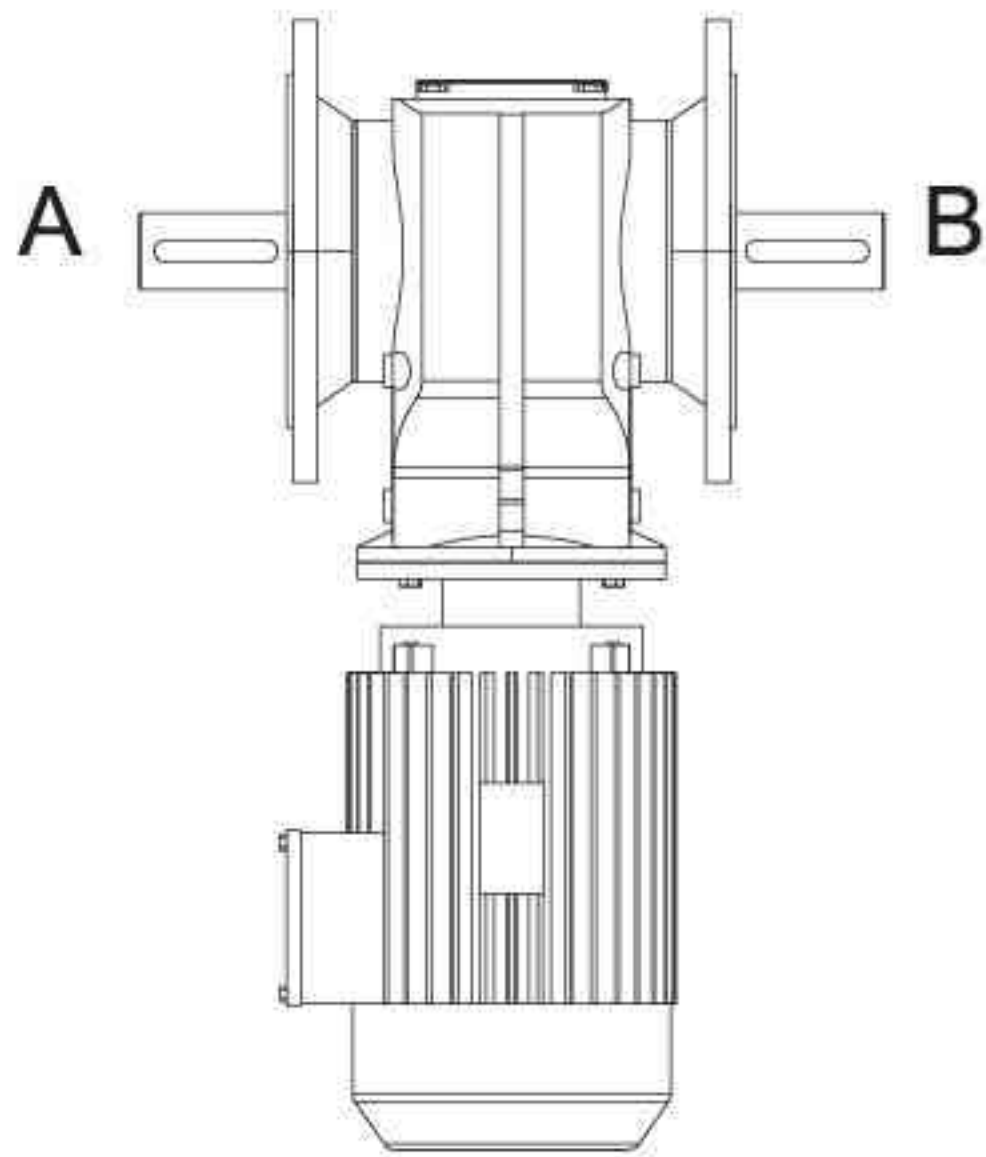


图:出轴方向  
Fig: Position of the Output shaft

带锁紧盘的轴装直角轴减速机  
Position of the connection end in tight-angle gear units with shrink disk

对于轴装式带锁紧盘的正文轴型式减速电机,规定出A端还是B端为连接端并且连接端是否有法兰是必要的。在图中, A端是连接端, 锁紧盘在连接端对面, 反之为B向。  
In shaft mounted right-angle gear units with shrink disk, it is necessary to indicate whether the A or B end is the connection end. In Fig. The A end and is the connection end. The shrink disk is located opposite the connection end.

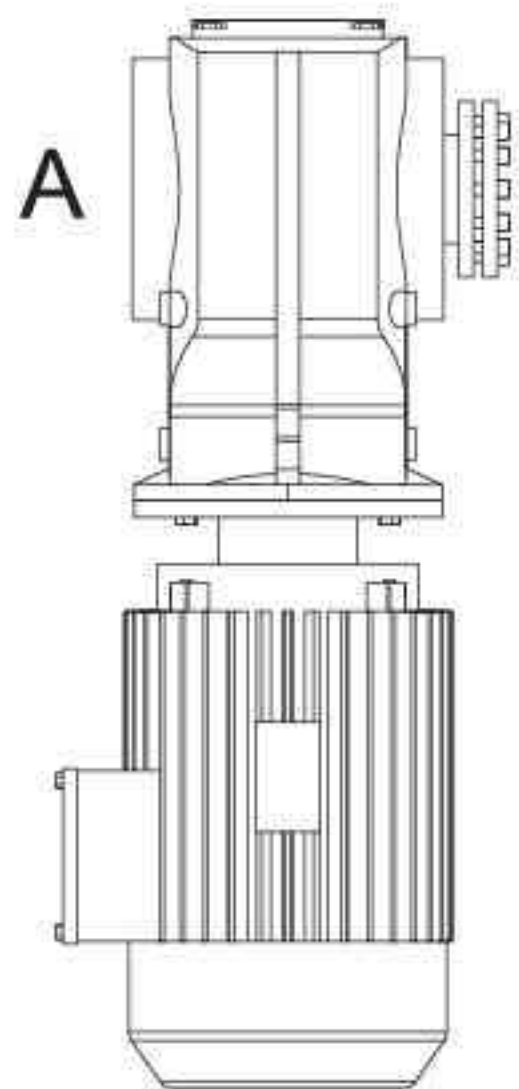


图:连接端的位置  
Fig: Position of the connection end

订购实例  
Sample orders

对于KB160/KB180来讲, 安装为M5和M6时, 连接端只能是在底部连接。  
Connection end at bottom only is possible with KB160/KB180 helical-bevel gear units in mounting positions M5 and M6.

| 类型<br>Type    | 安装位置<br>Mounting position | 连接端<br>Shaft with | 锁紧盘位置<br>Position of shrink disk | 法兰<br>Flange | 接线位置<br>Position of terminal box | 出线嘴位置<br>Position of cable entry | 旋转方向<br>rotation direction | 出轴方向<br>Output shaft direction |
|---------------|---------------------------|-------------------|----------------------------------|--------------|----------------------------------|----------------------------------|----------------------------|--------------------------------|
| KBF40D71D4/HS | M5                        | A                 | -                                | B            | 0°                               | Normal                           | CW                         | A                              |
| KWF90D180M4   | M2                        | A+B               | -                                | A+B          | 180°                             | 2                                | -                          | A+B                            |
| KBH100D160L4  | M1                        | -                 | B                                | -            | 270°                             | 3                                | -                          | -                              |

所有符号的含义  
Symbols used

下表列出,在安装位置上的符号及其含义  
The following table shows the symbols used in the mounting position sheets and what they mean:

| 符号 Symbol | 含义 Meaning          |
|-----------|---------------------|
|           | 通气器 Breather valve  |
|           | 油标 Oil level plug   |
|           | 放油螺塞 Oil drain plug |
|           | 进线位置 In line plug   |

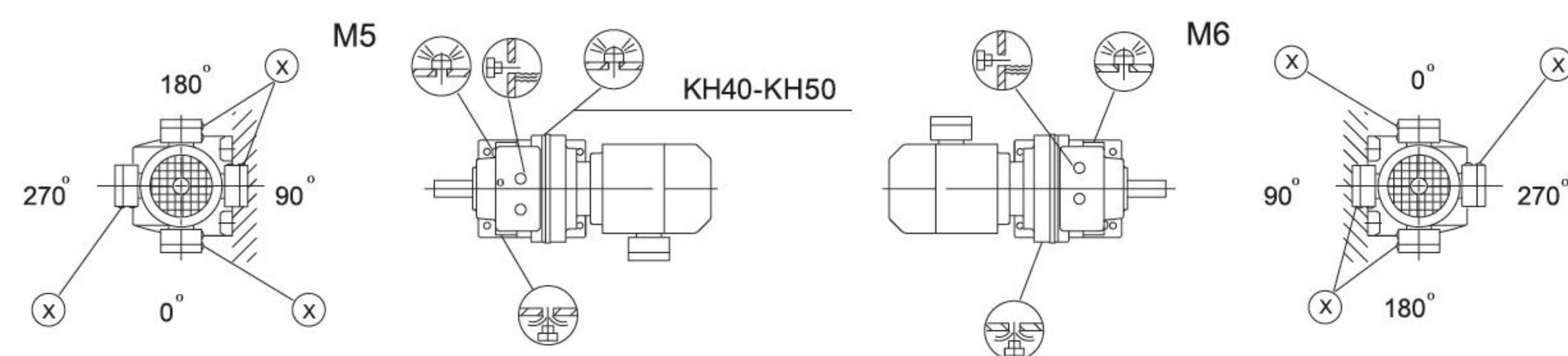
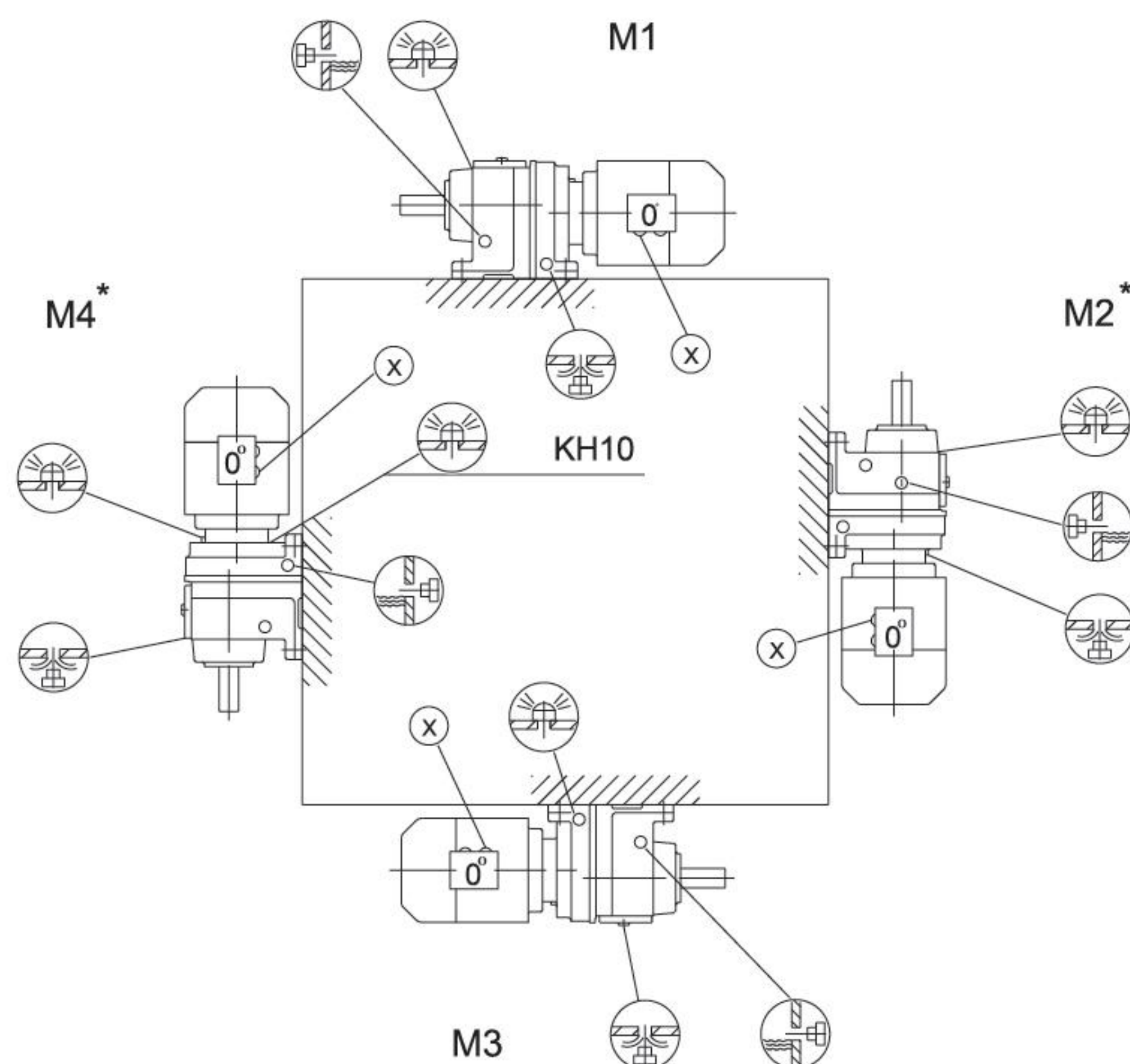
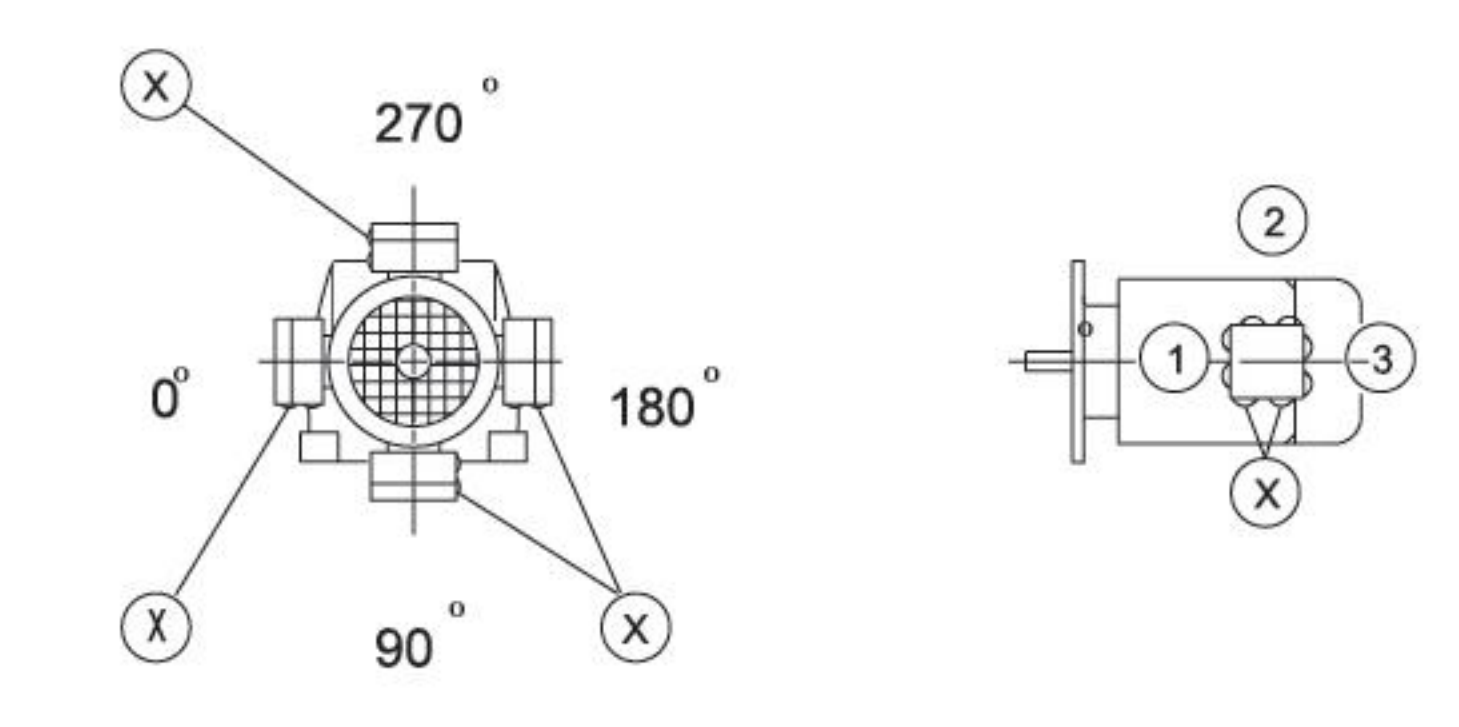
搅油损失  
Churning losses

在某些安装位置可能增加搅油损失,在下列结构中请向KPM咨询  
In creased churning losses may arise in some mounting positions, Please contact KPM in case of the following combinations.

| 安装位置<br>Mounting position | 减速器型号<br>Gear unit type | 减速器规格<br>Gear unit size | 输入速度(rpm)<br>Input speed |
|---------------------------|-------------------------|-------------------------|--------------------------|
| M2,M4                     | KH                      | 90-100                  | >2500                    |
|                           |                         | >100                    | >1500                    |
| M2,M3,M4,M5,M6            | KF                      | 90-100                  | >2500                    |
|                           |                         | >100                    | >1500                    |
|                           | KB                      | 70-100                  | >2500                    |
|                           |                         | >100                    | >1500                    |
|                           | KW                      | 70-90                   | >2500                    |

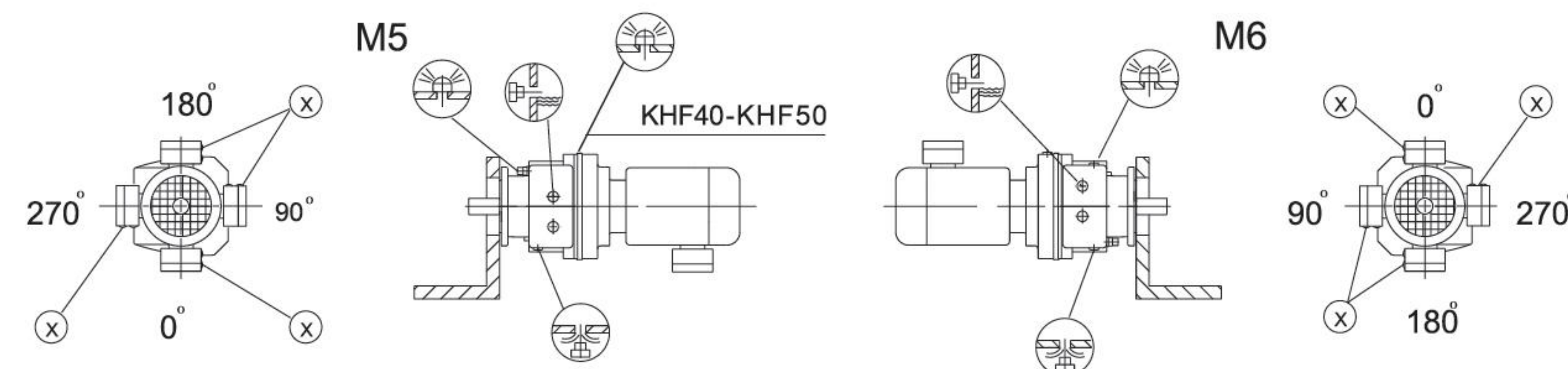
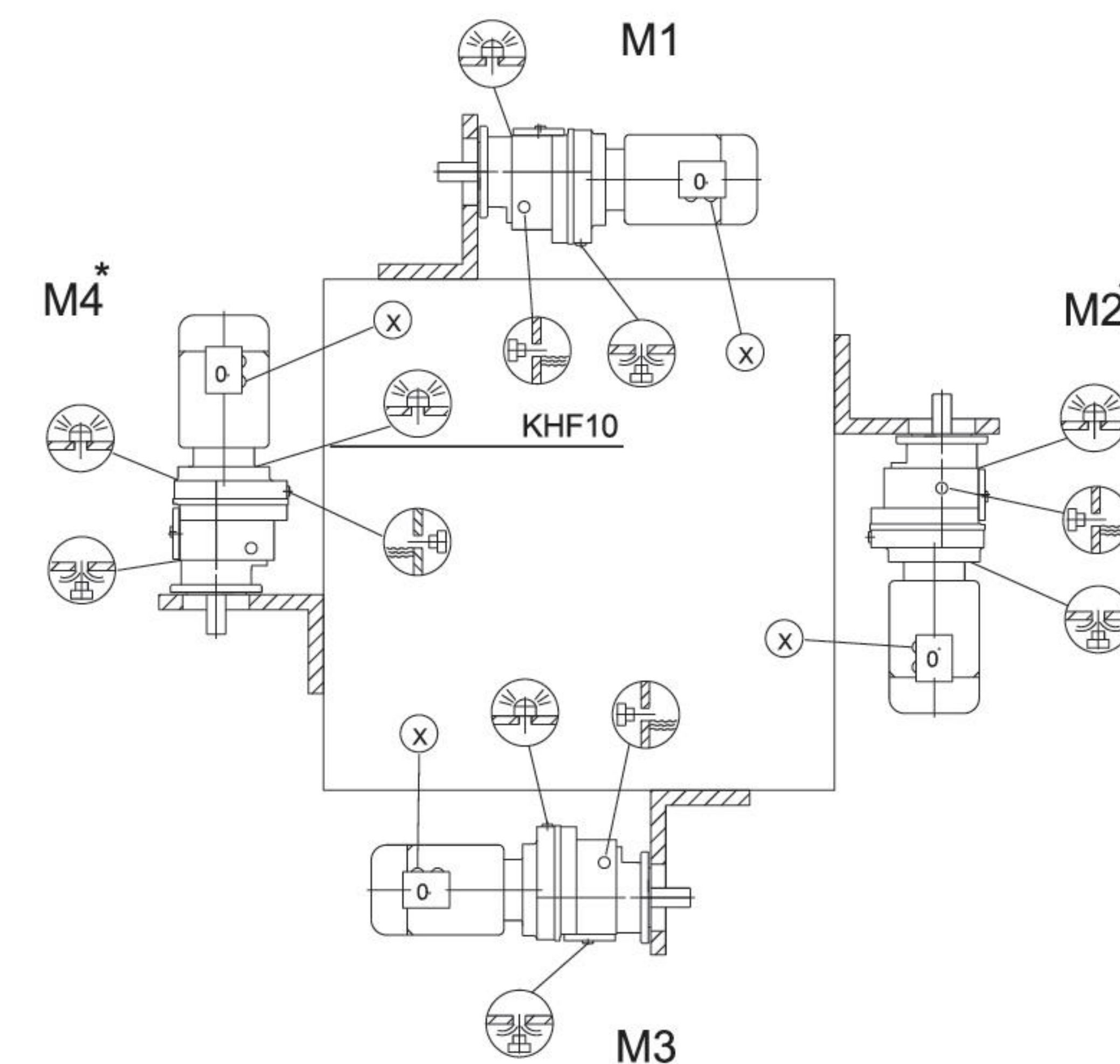
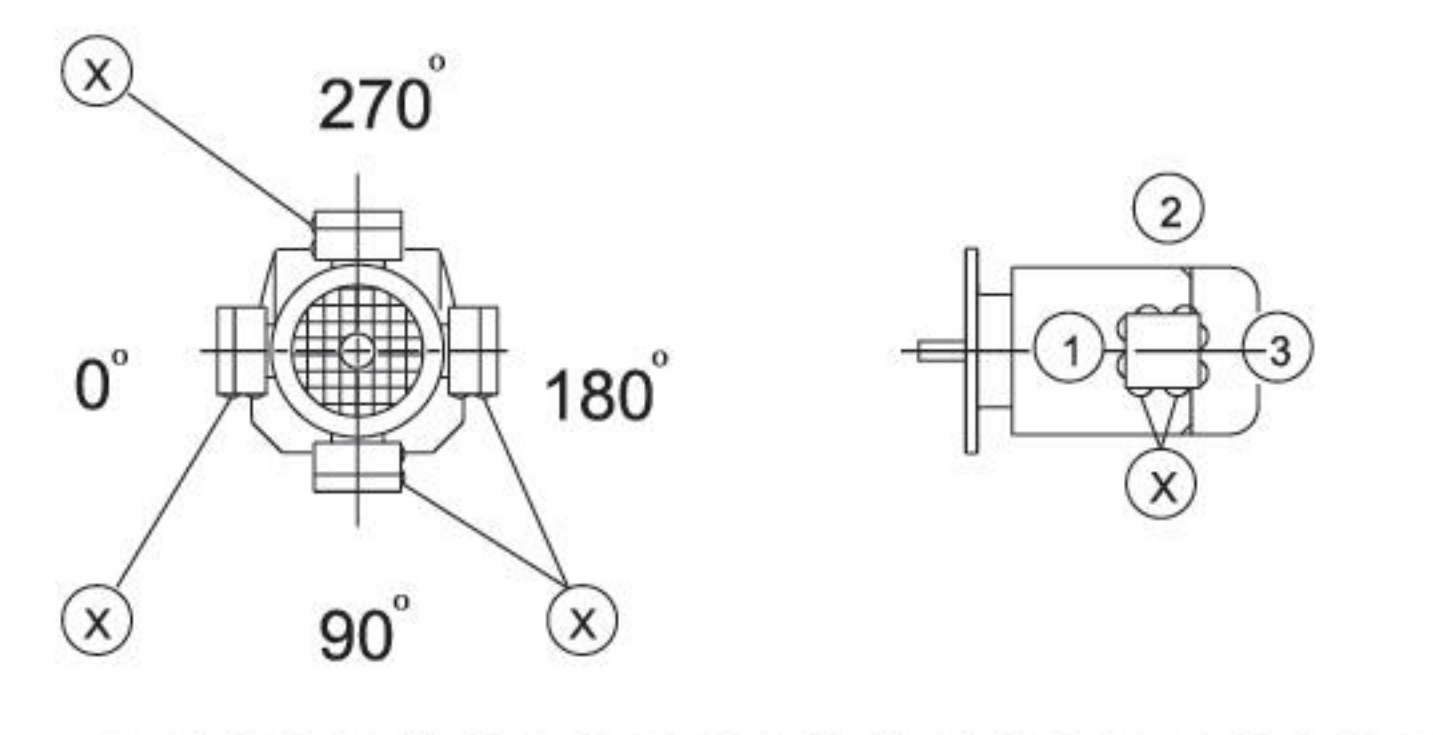


10.2 斜齿轮减速电机安装位置  
10.2 Mounting position of Helical gear unit  
KH10-KH160



|            |  |                |
|------------|--|----------------|
| KH10, KH20 |  | M1, M3, M5, M6 |
| KH40, KH50 |  | M5             |
| KH10, KH20 |  |                |

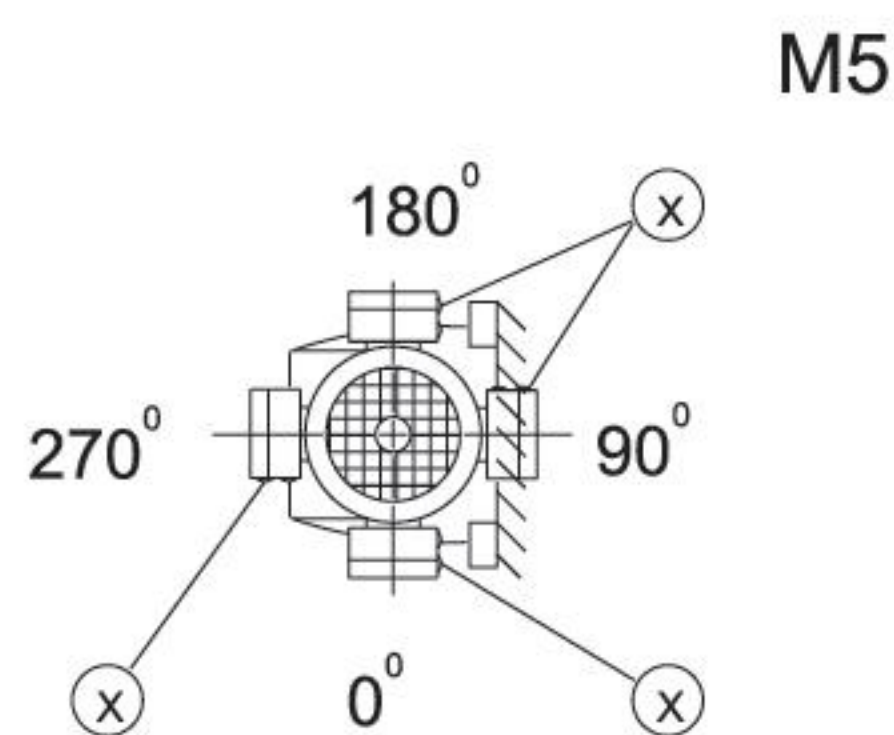
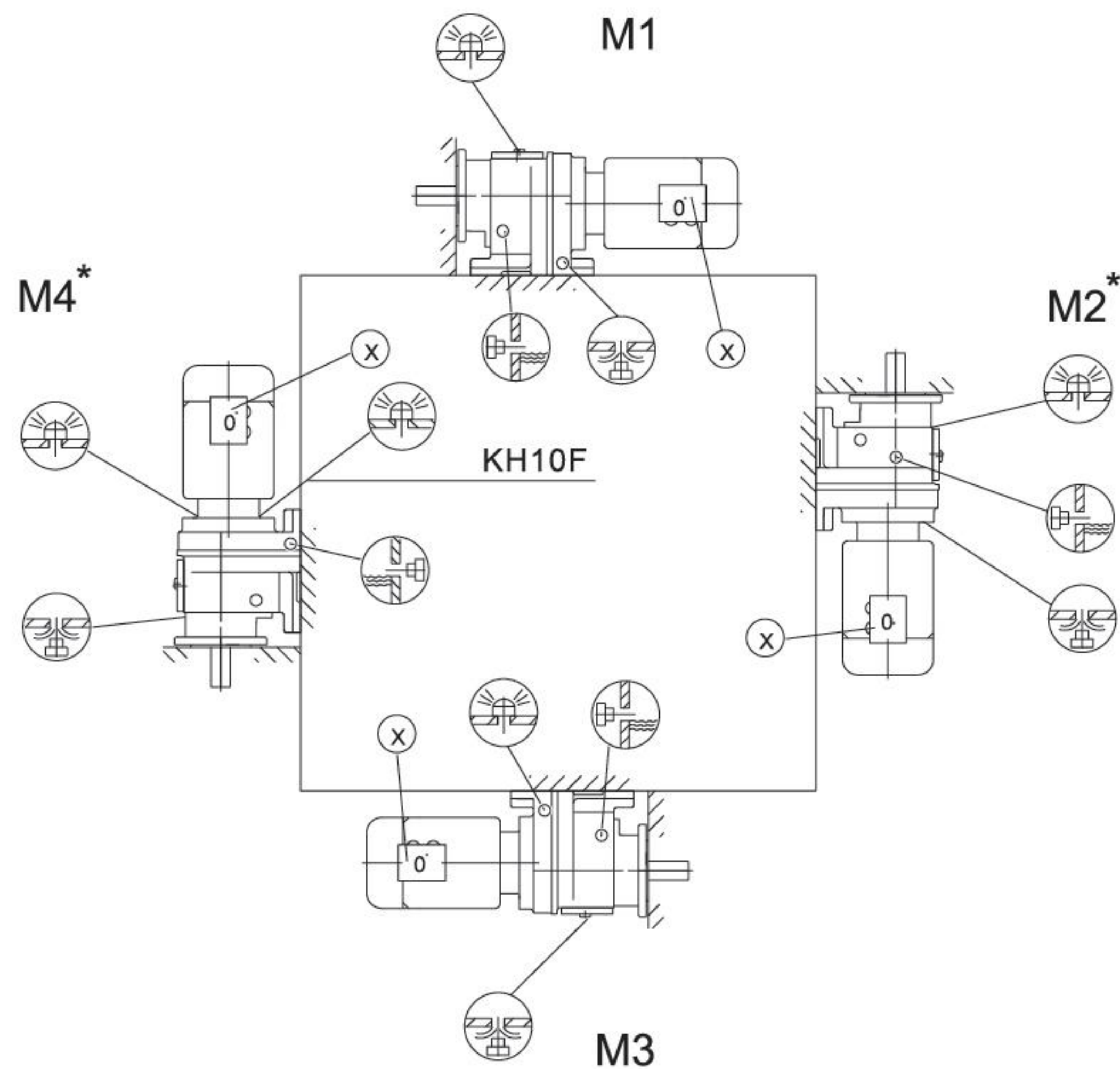
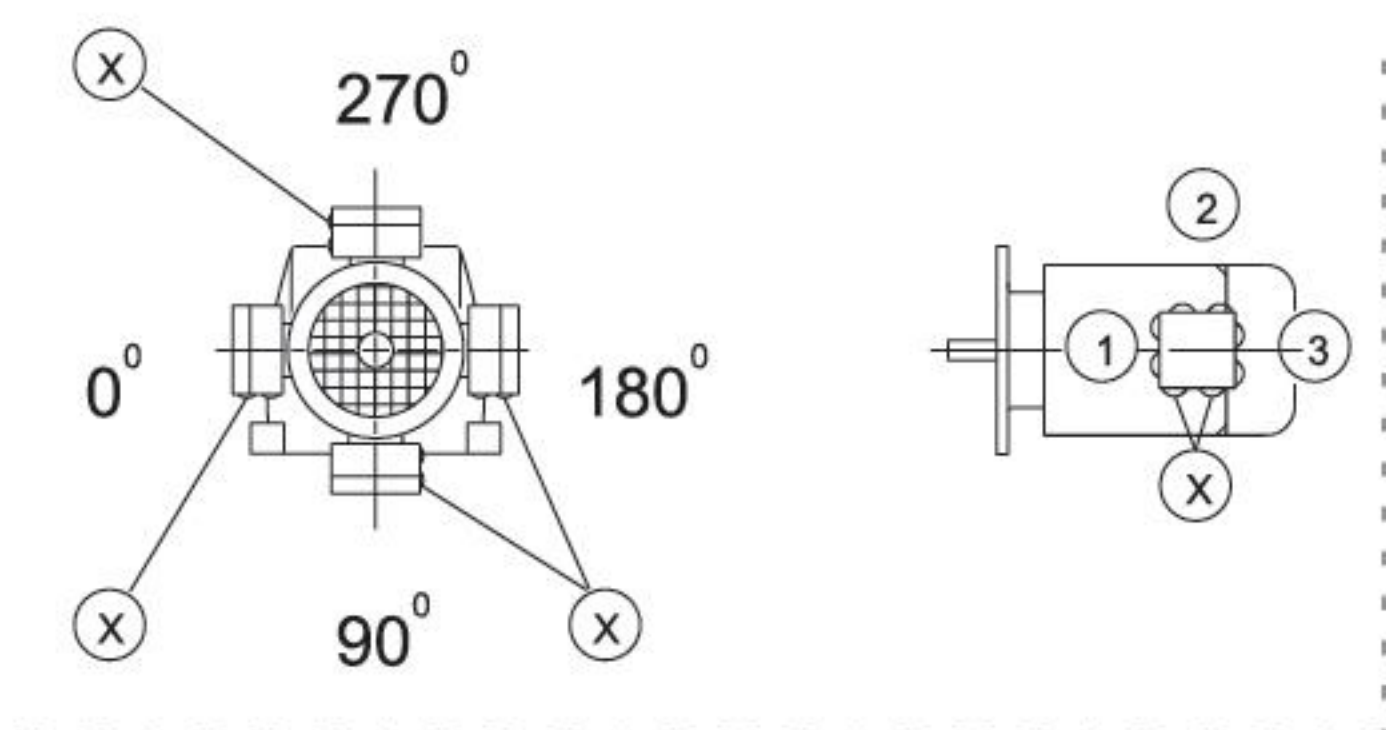
KHF10-KHF160



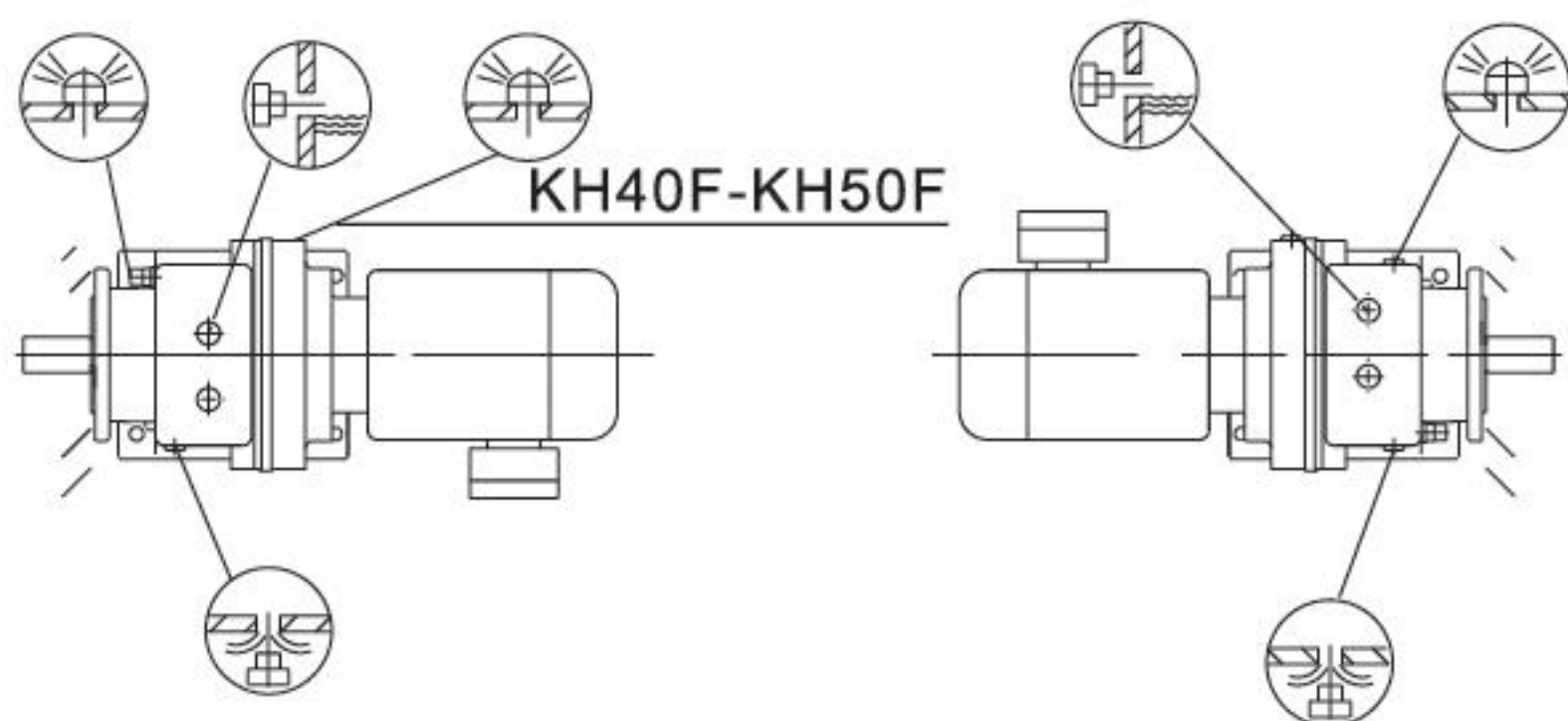
|              |  |                |
|--------------|--|----------------|
| KHF10, KHF20 |  | M1, M3, M5, M6 |
| KHF40, KHF50 |  | M5             |
| KHF10, KHF20 |  |                |



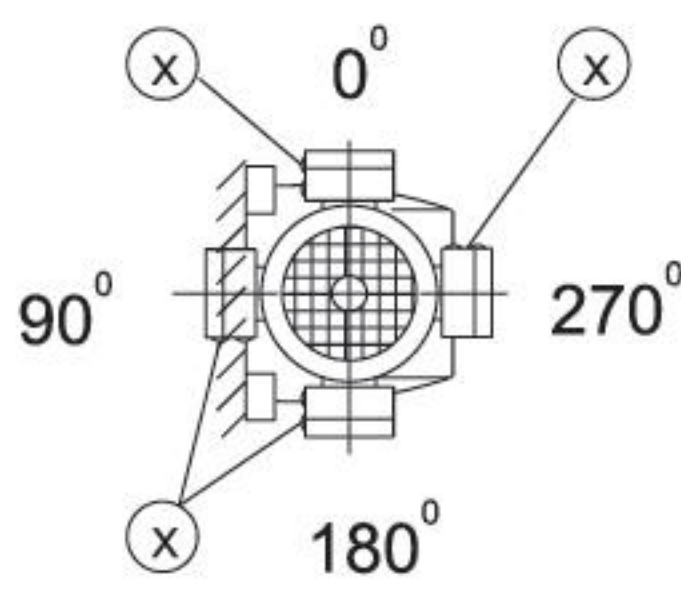
**KH10F-KH80F**



M5

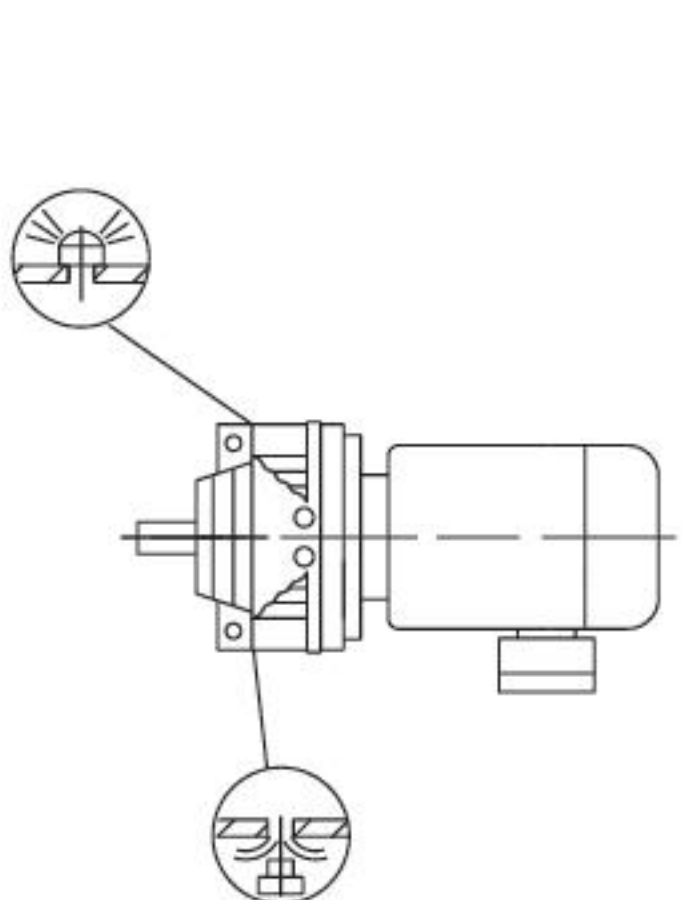
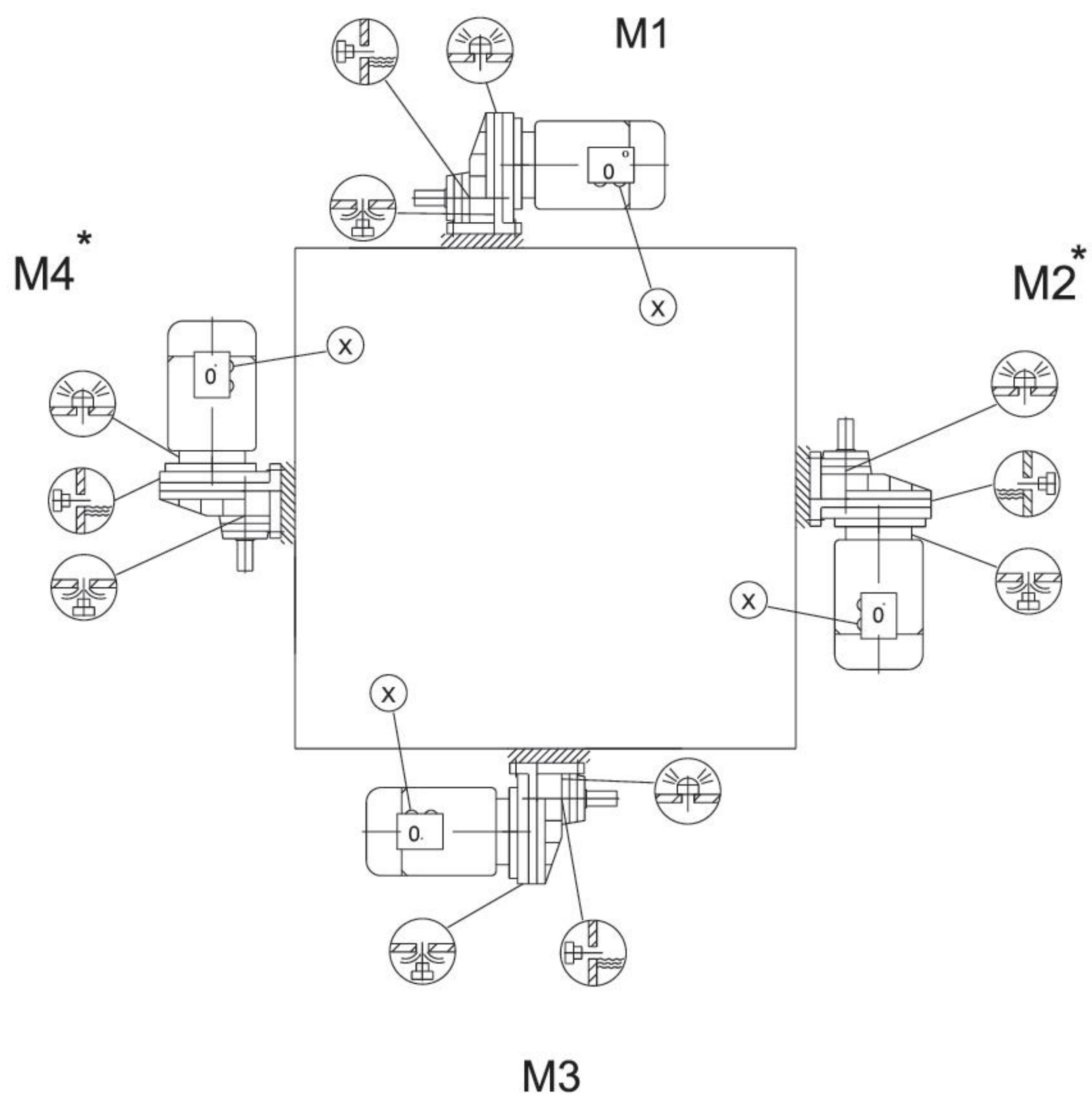
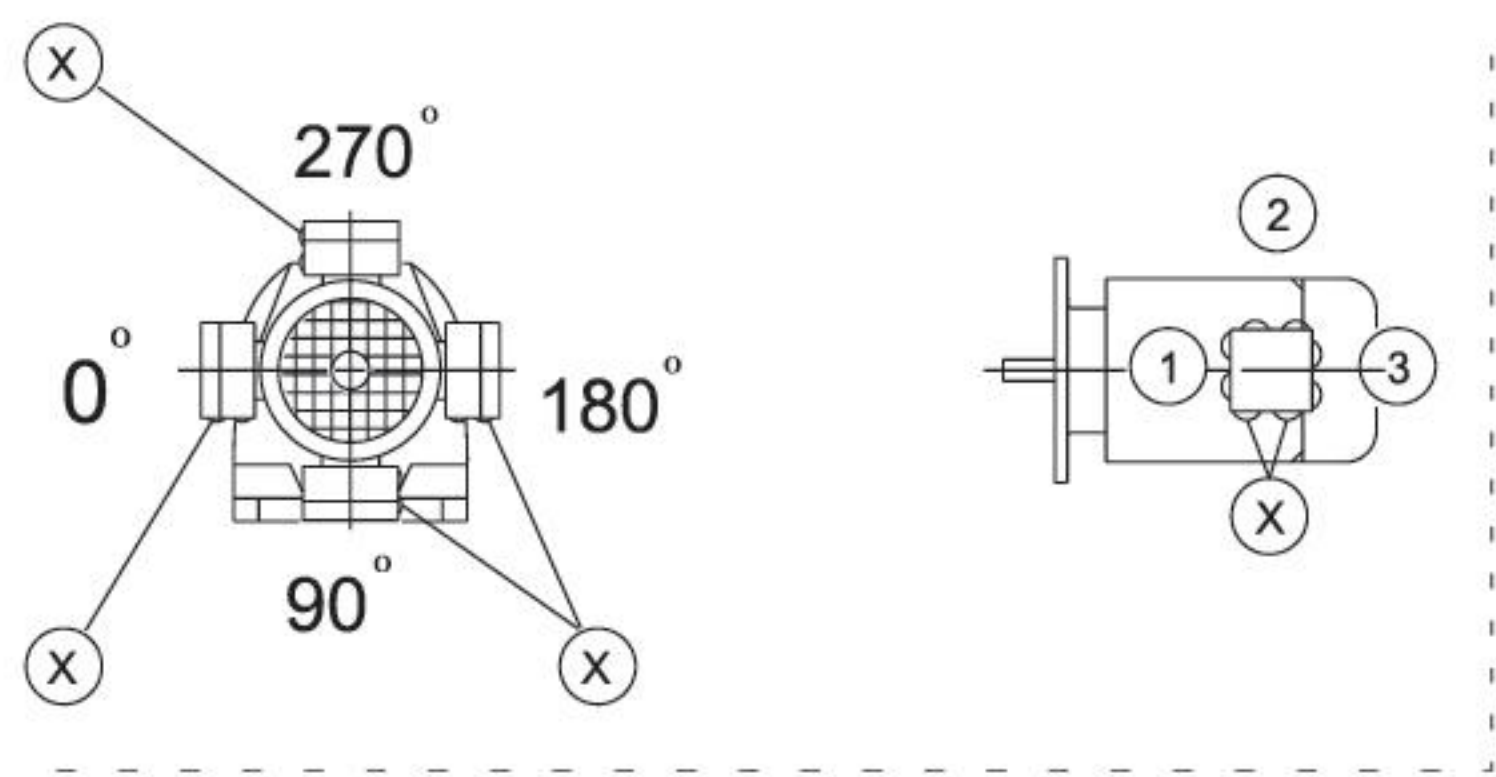


M6

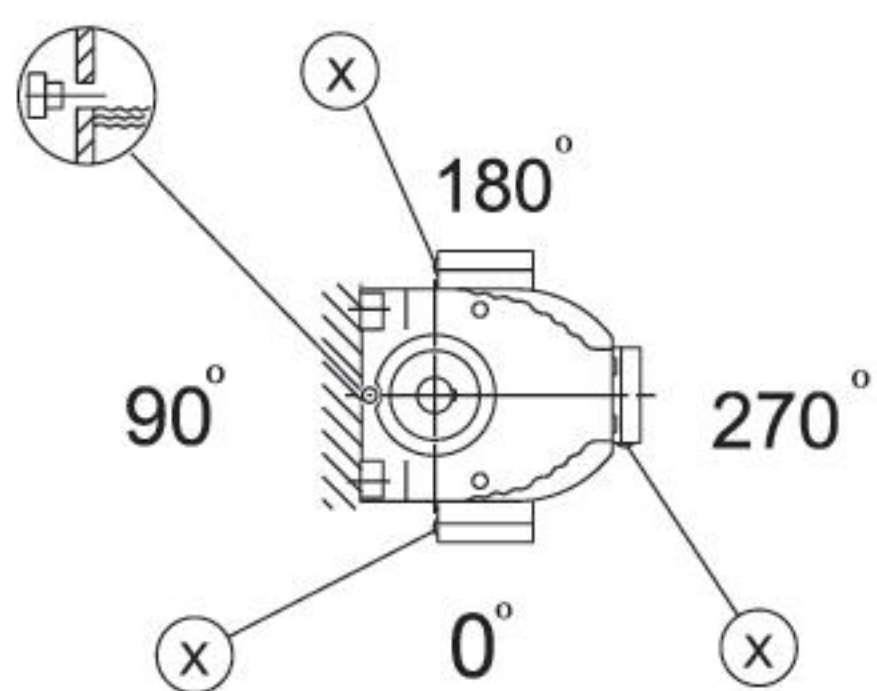


|              |  |                |
|--------------|--|----------------|
| KH10F, KH20F |  | M1, M3, M5, M6 |
| KH40F, KH50F |  | M5             |
| KH10F, KH20F |  | M1, M3, M5, M6 |

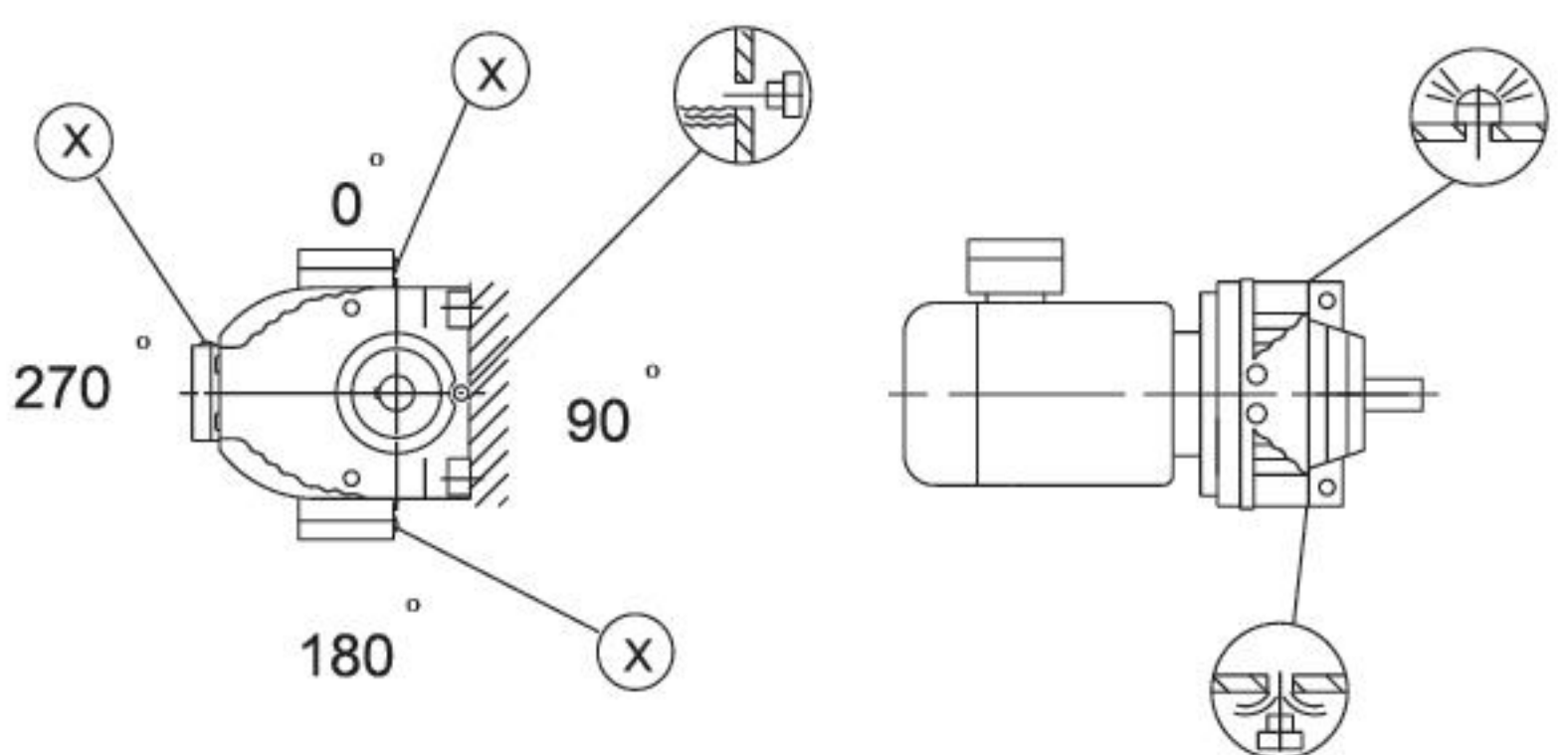
**KHX50F-KHX100**



M5

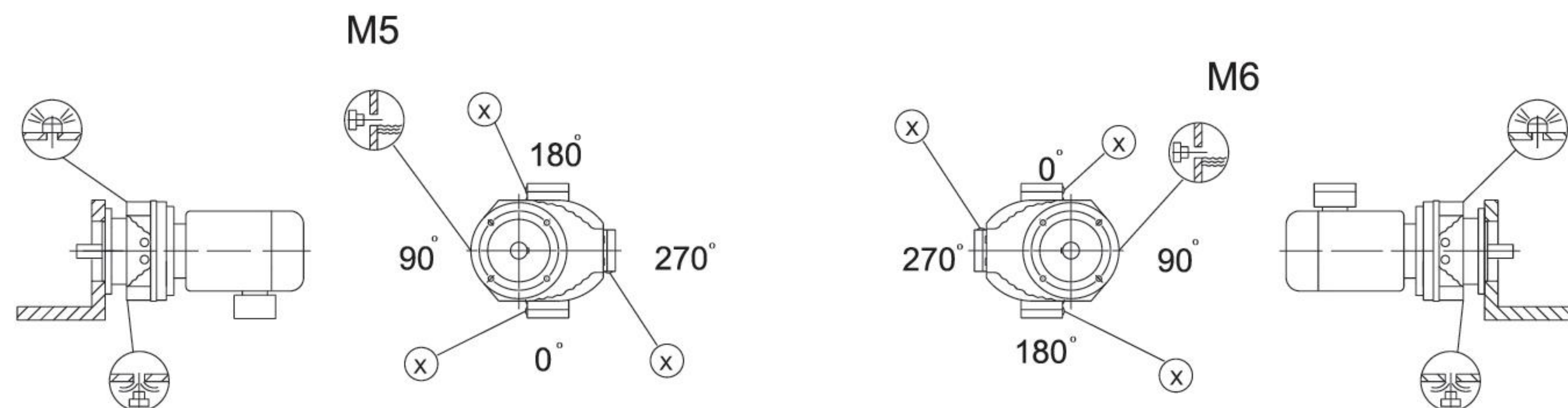
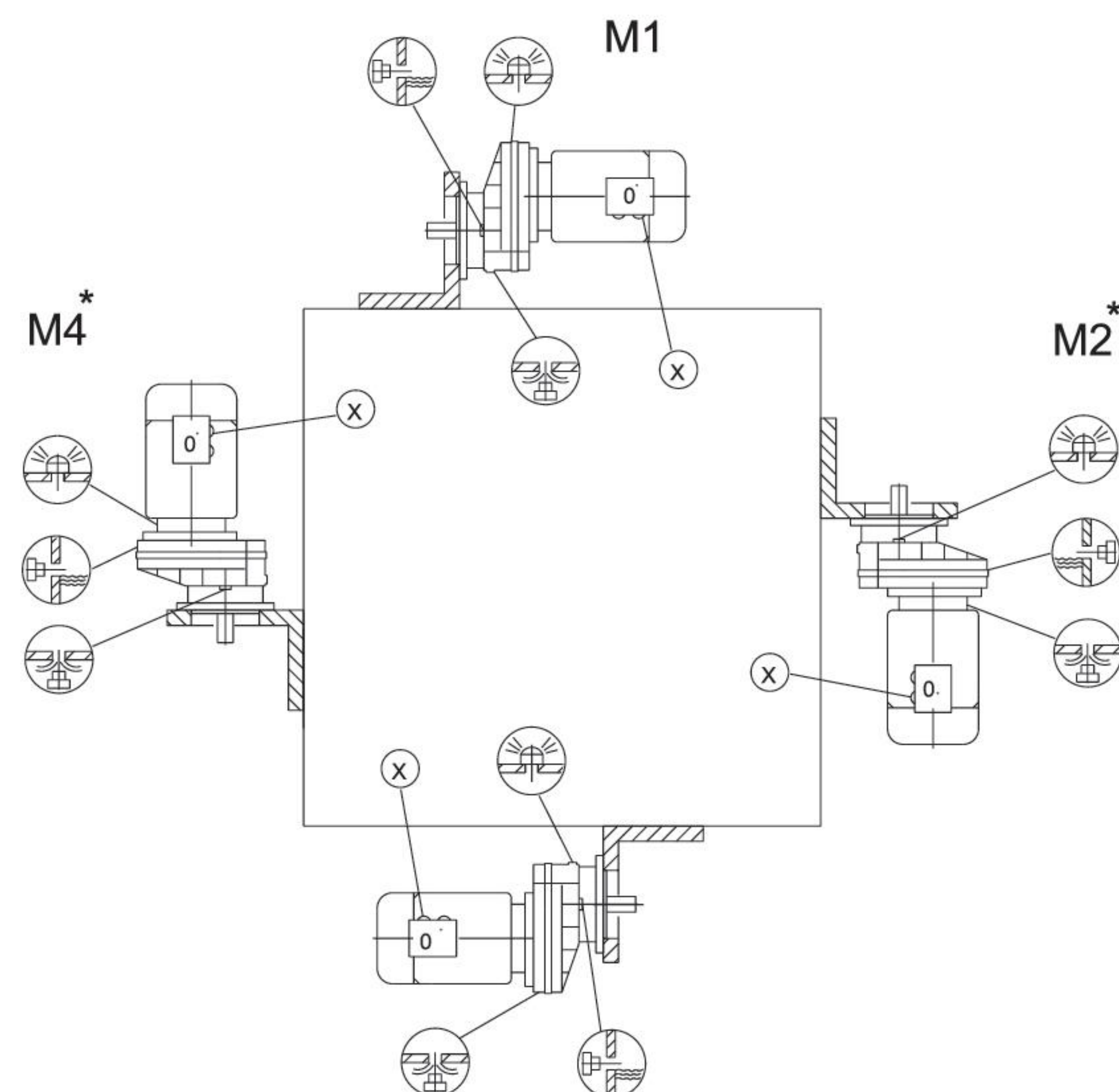
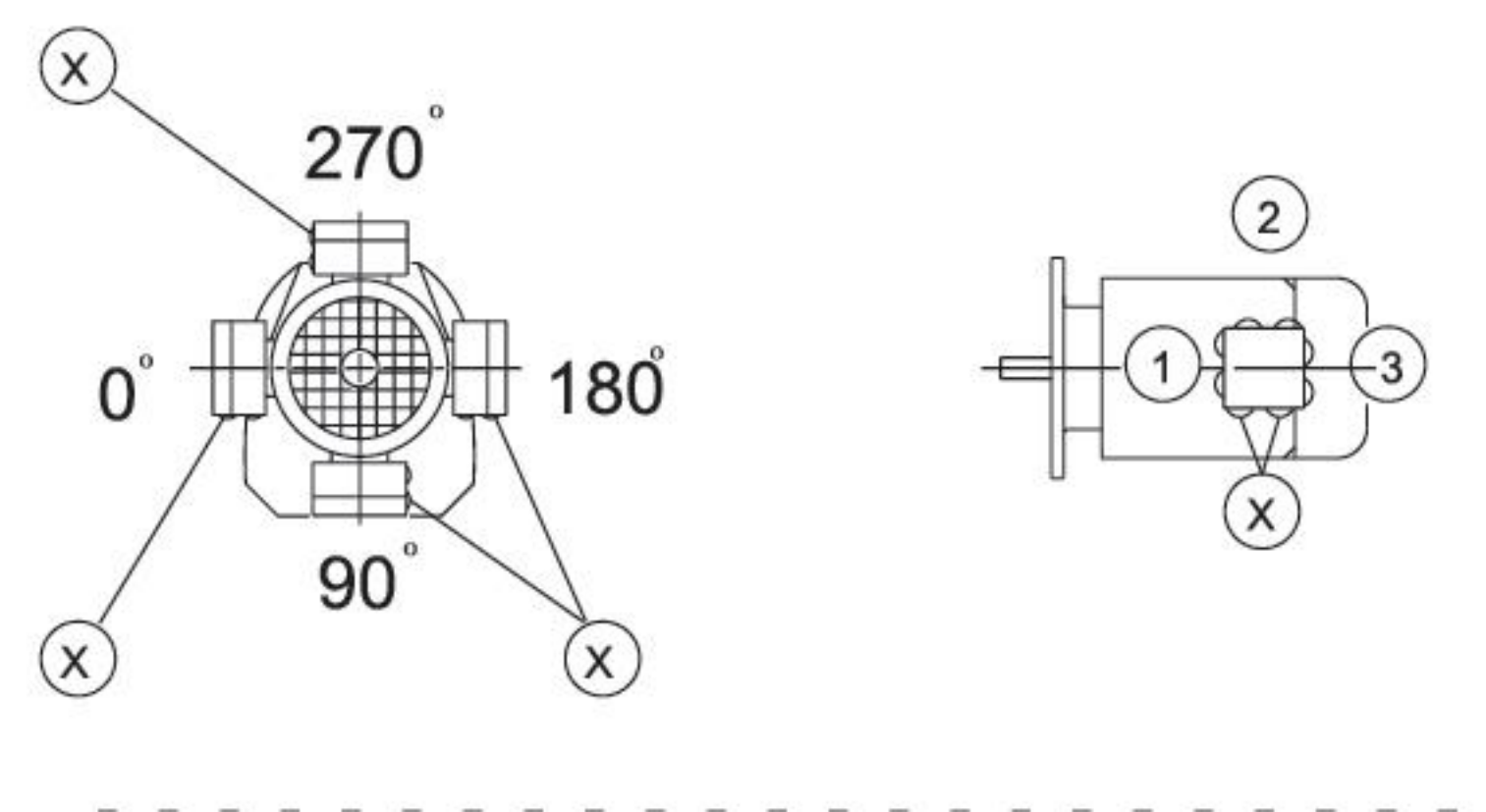


M6

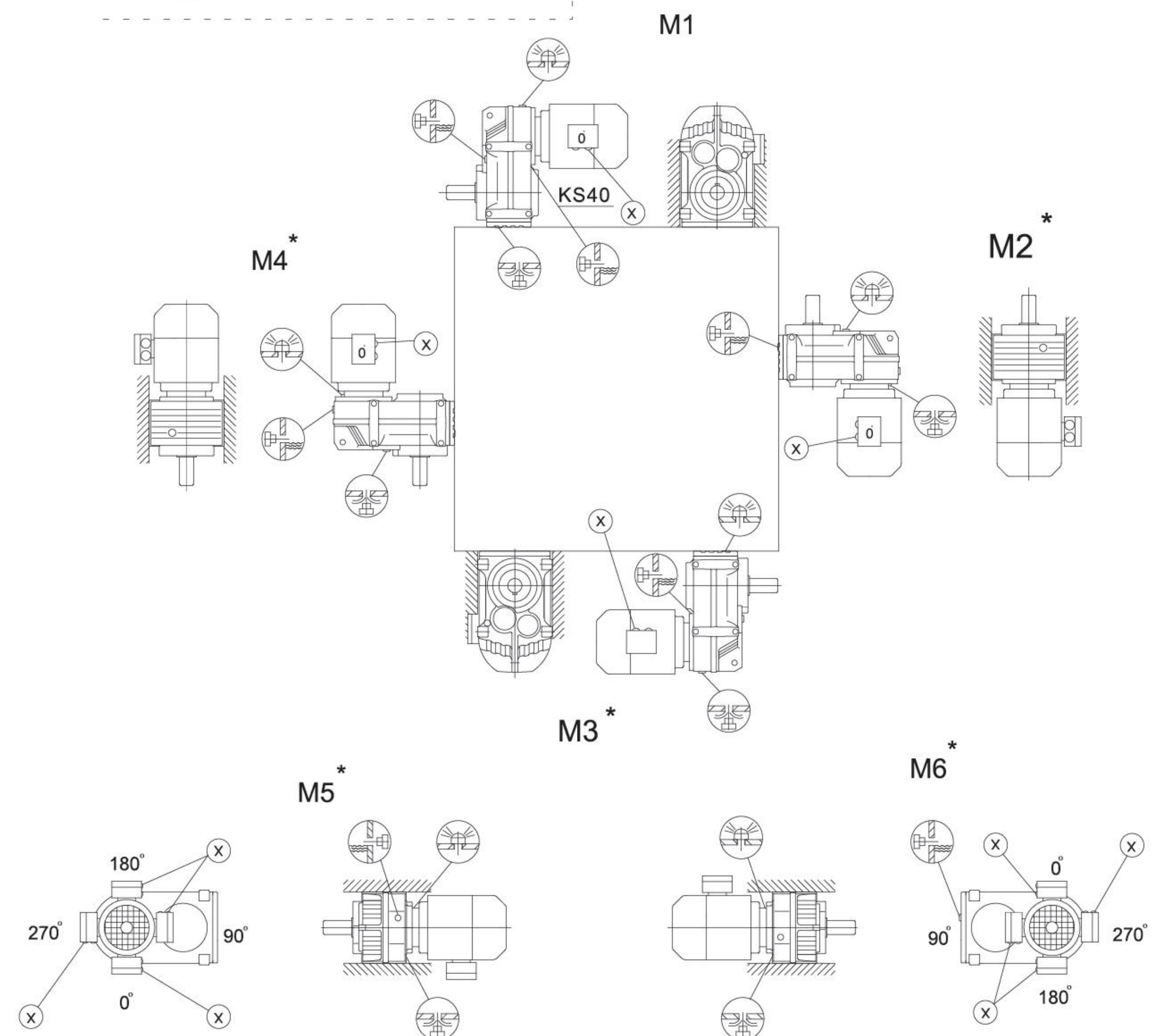
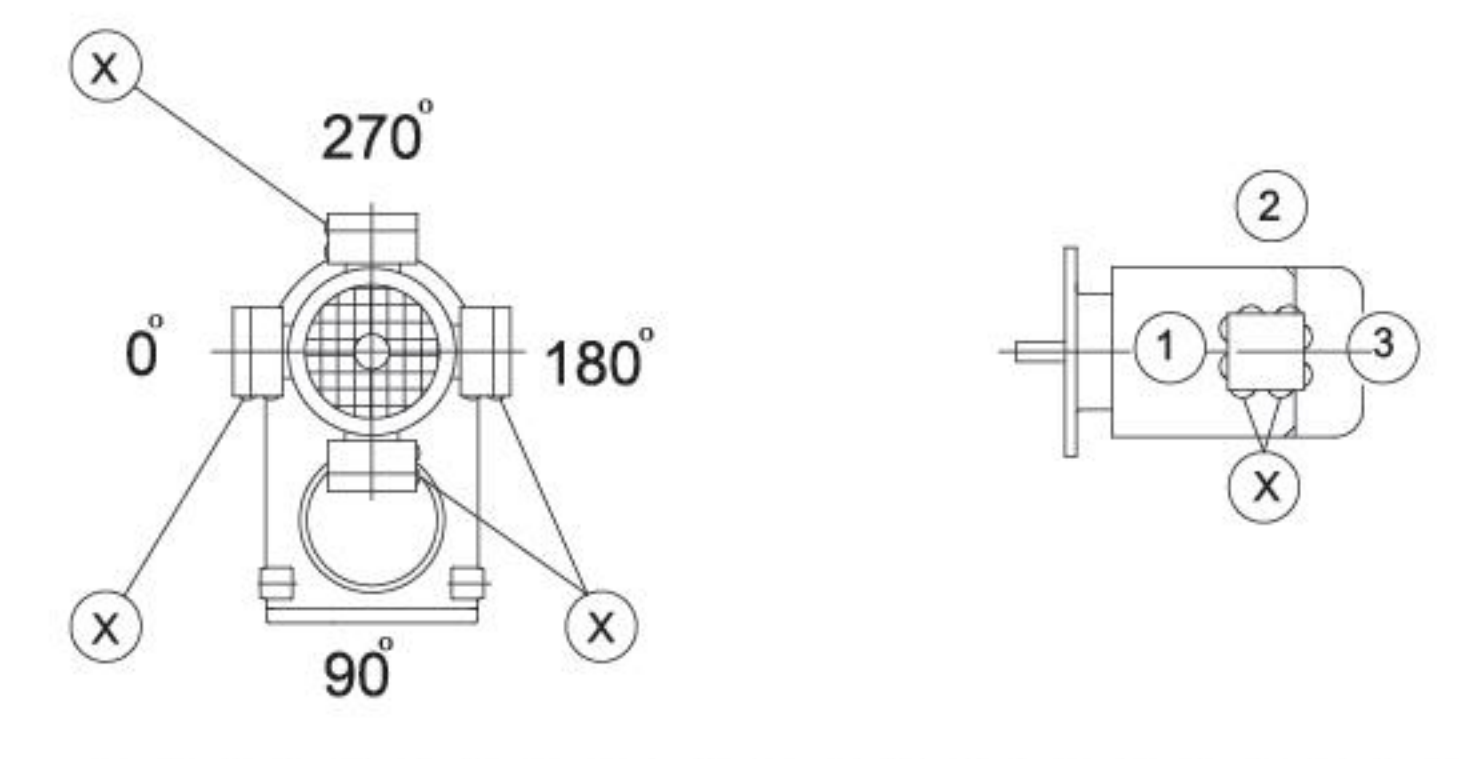




**KHXF50-KHXF100**



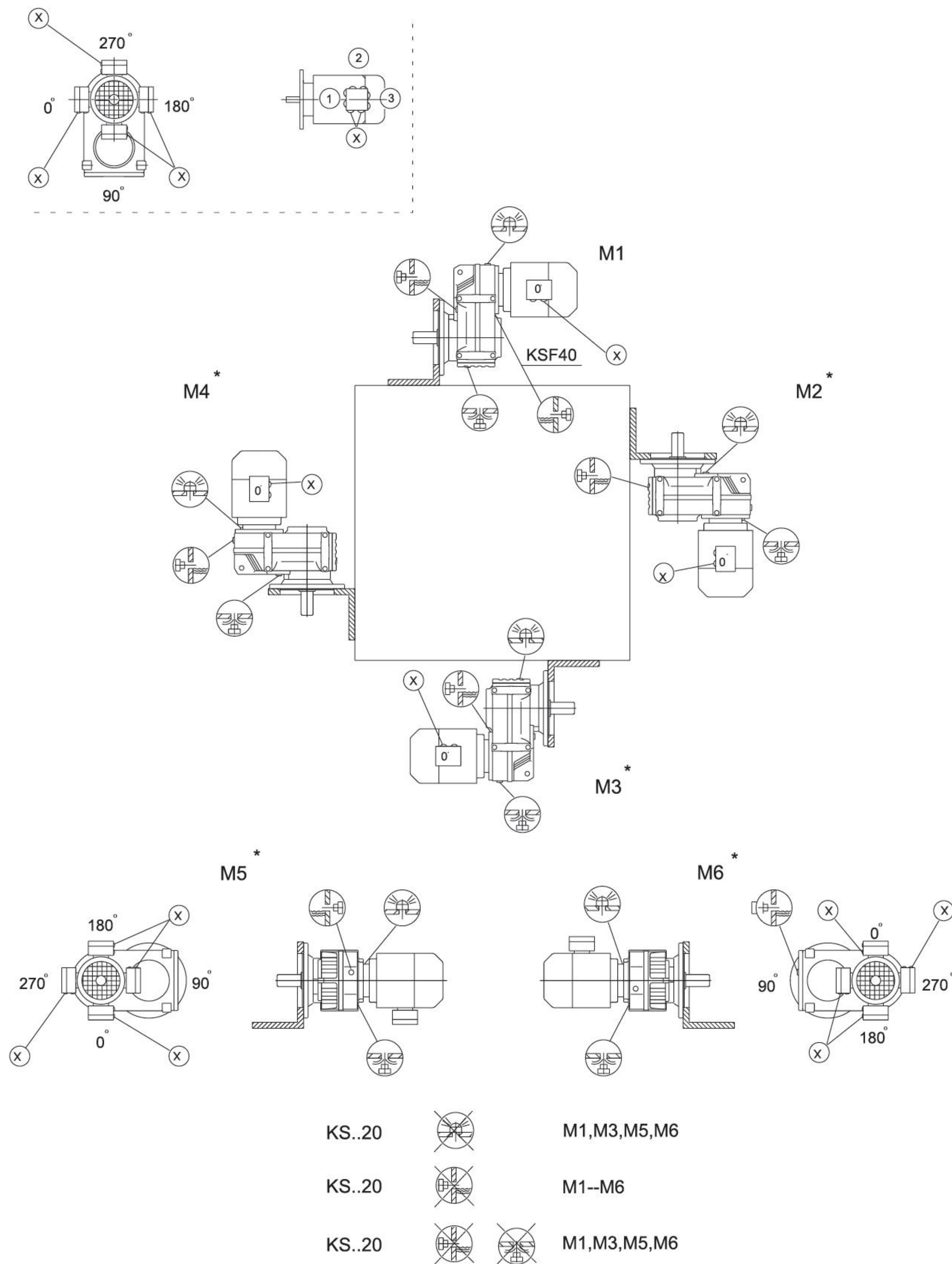
**10.3 平行轴斜齿轮减速电机安装位置**  
**10.3 Mounting position of parallel shaft helical Gear unit**  
**KS/KSA..KB/KSH20B-170B,KSV20B-100B**



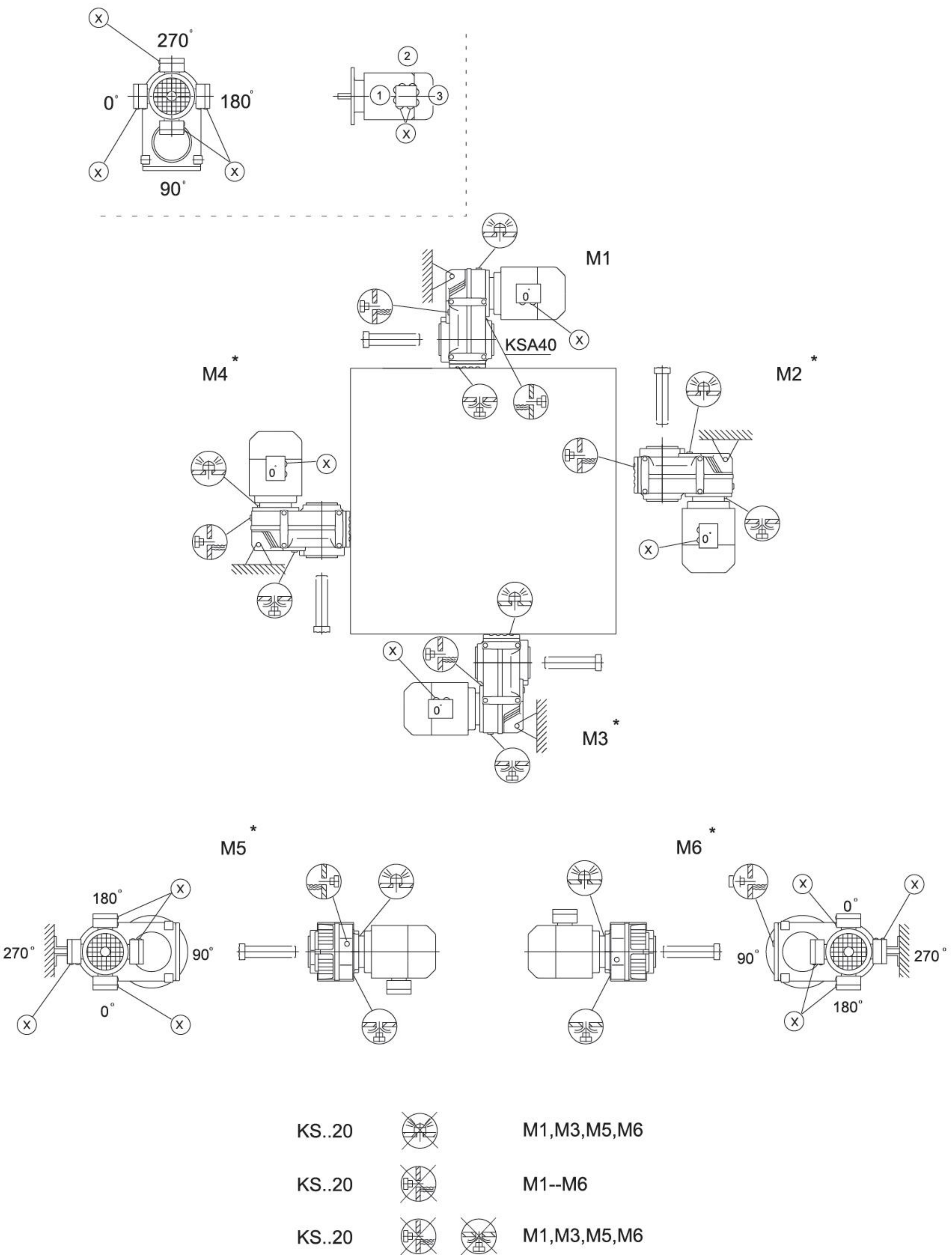
|        |  |             |
|--------|--|-------------|
| KS..20 |  | M1,M3,M5,M6 |
| KS..20 |  | M1--M6      |
| KS..20 |  | M1,M3,M5,M6 |



**KSF/KSAF/KSHF/KSAZ/KSHZ20-170,KSVF/KSVZ20-100**

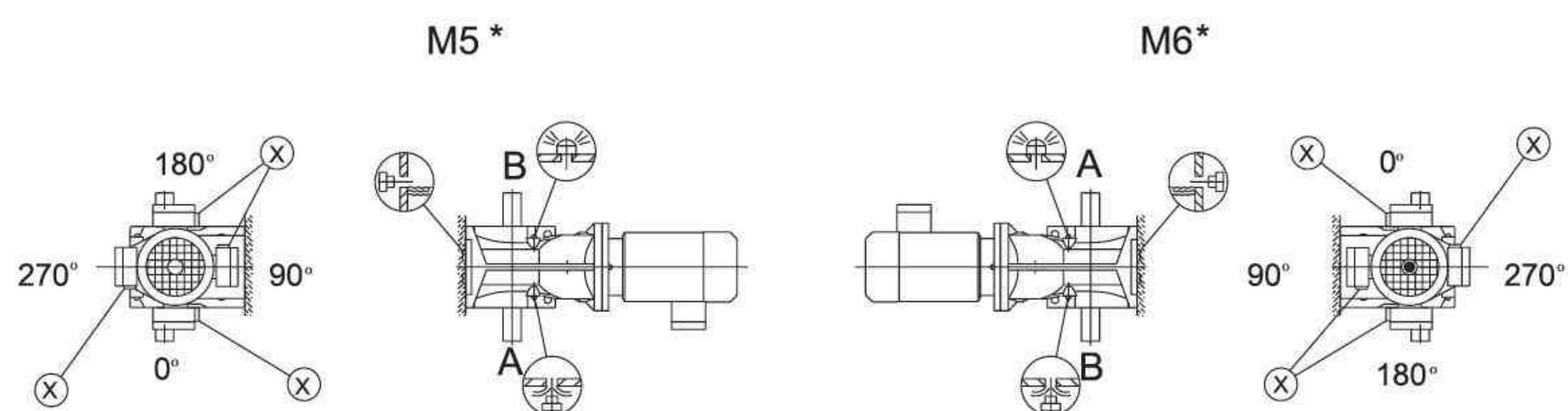
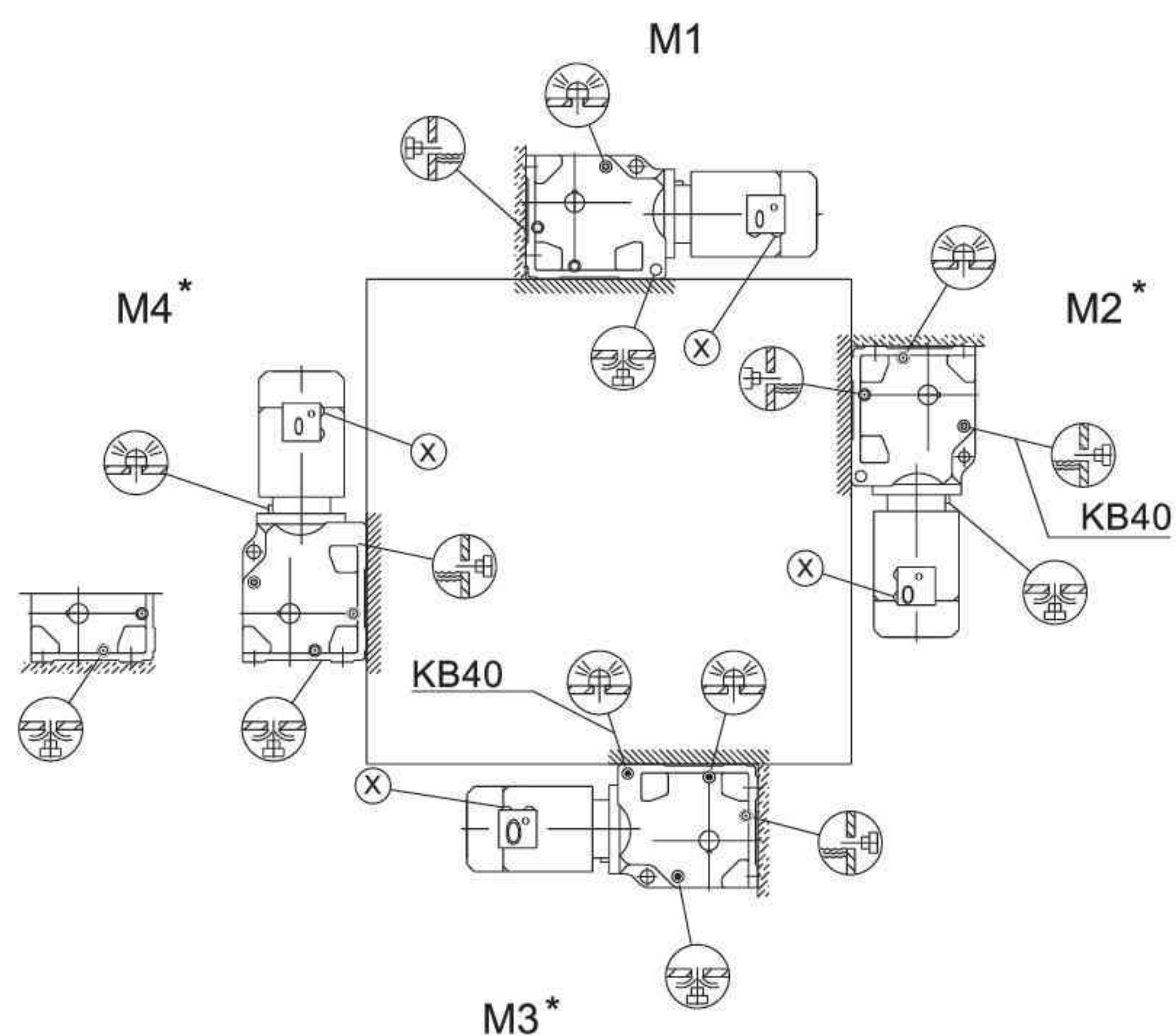
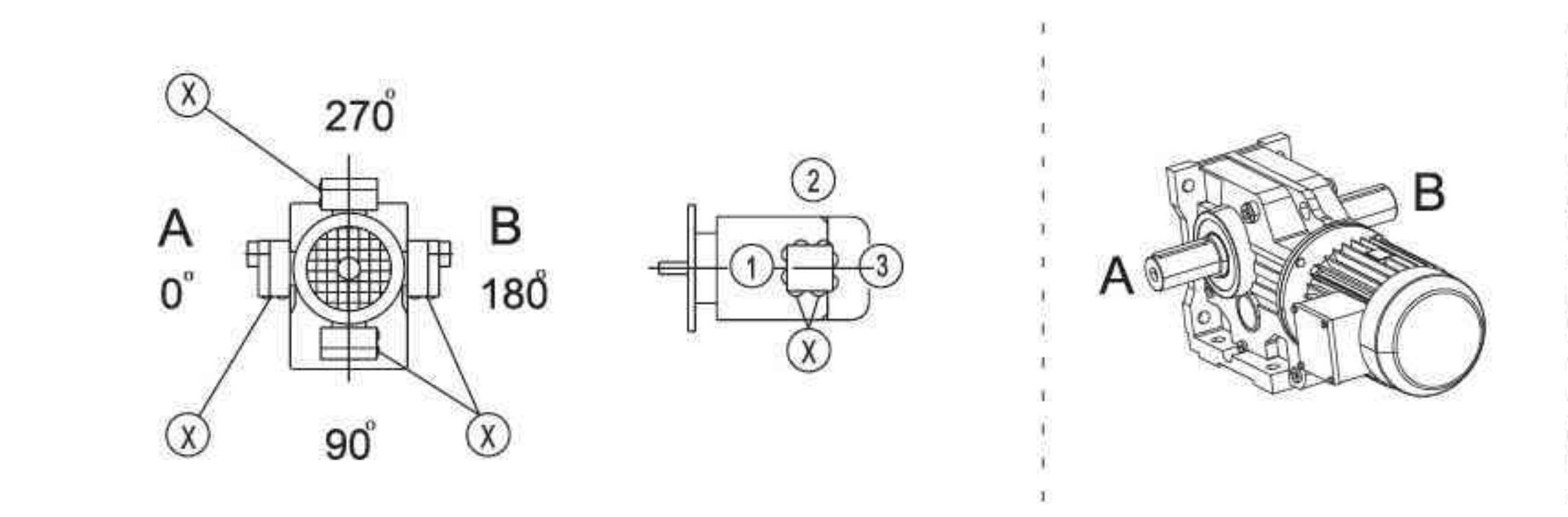


**KSA/KSH20-170,KSV20-100**



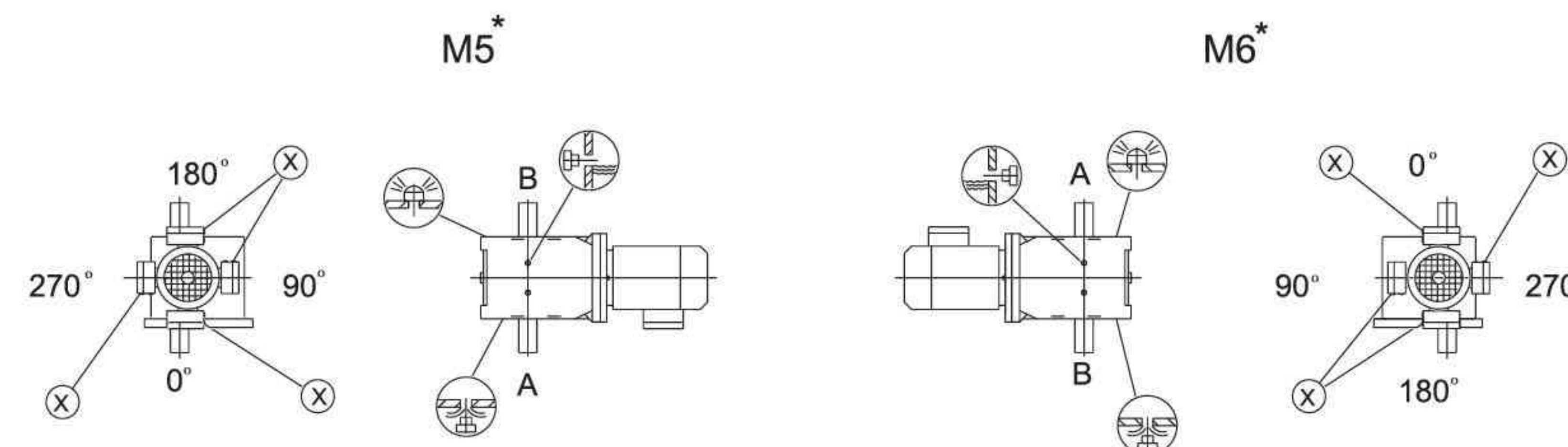
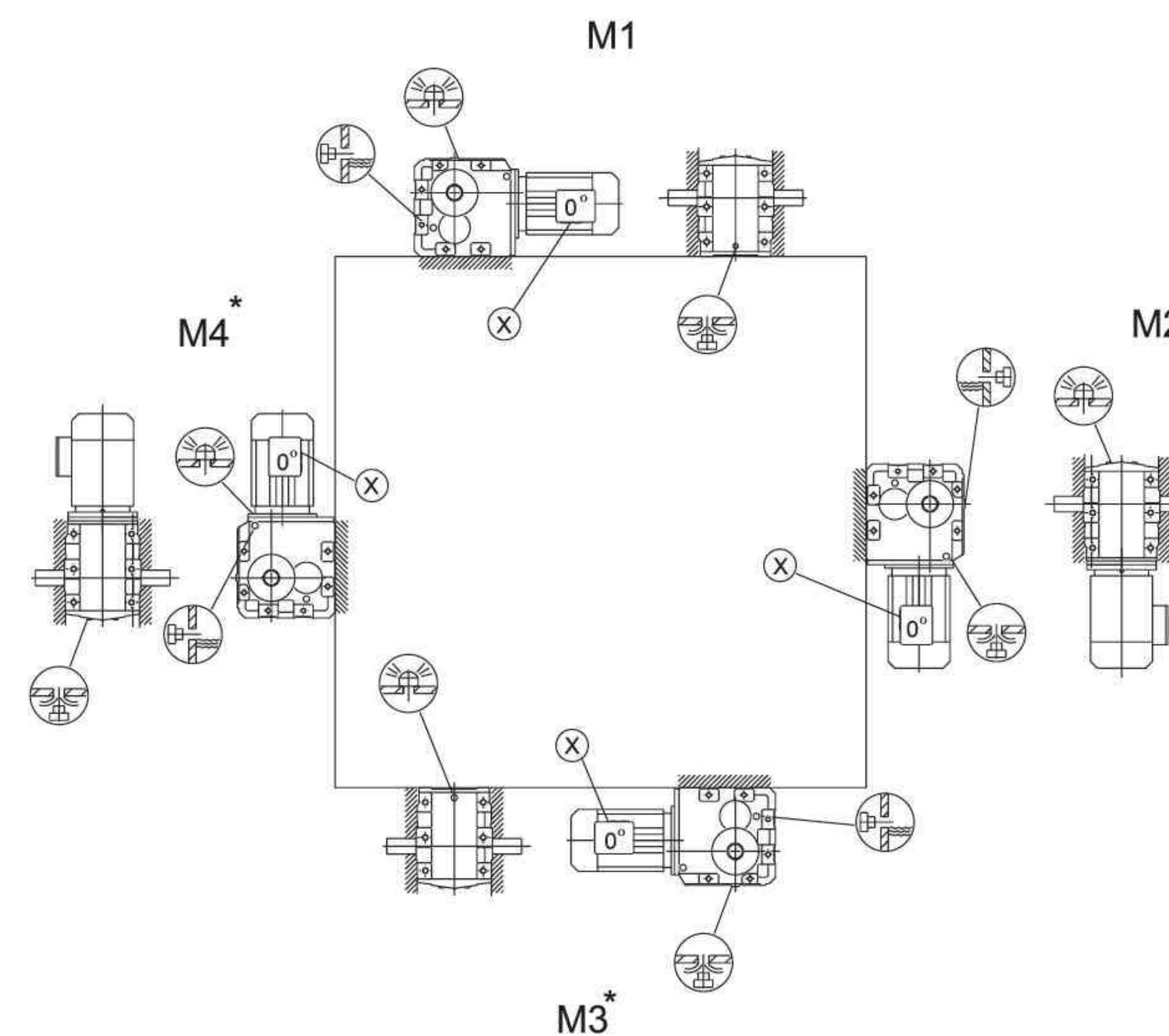
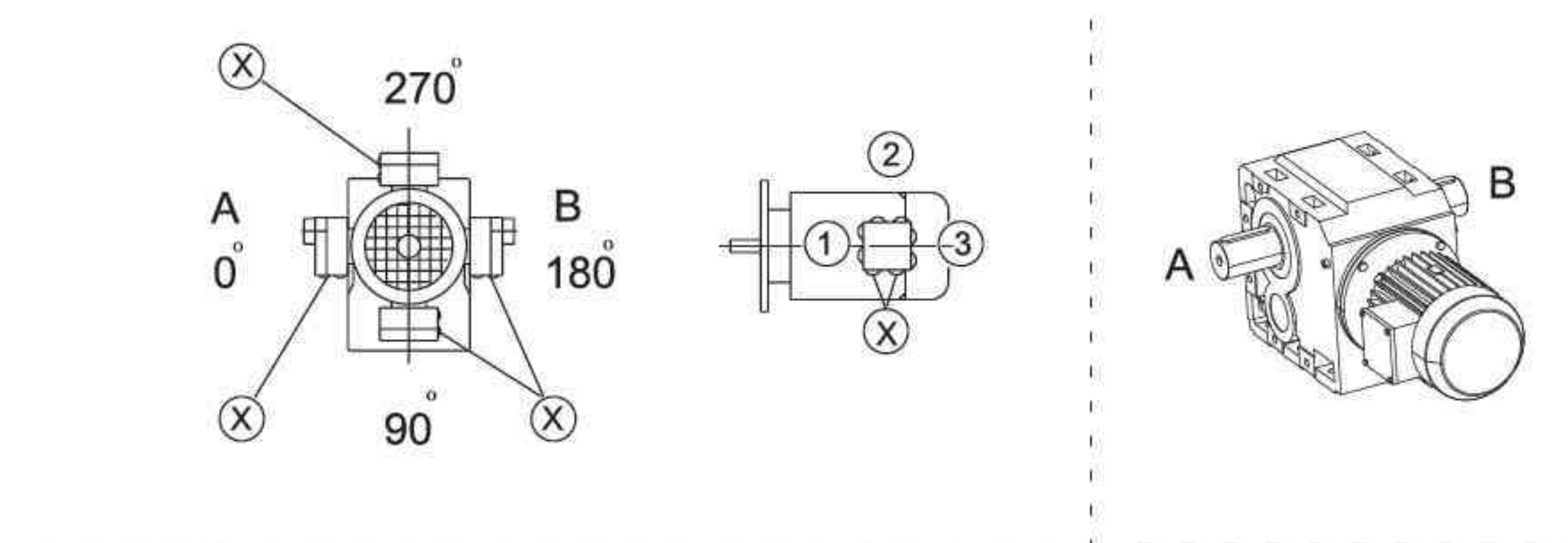


10.4 斜齿轮-伞齿轮减速电机安装位置  
Mounting position of helical – bevel Gear unit  
KB/KBA...KB/KBH30B-150B,KBV30B-100B



重要:请参见"减速器选型"中"径向和轴向负载"部分(P19)  
Important:Please refer to the information in the " Geared Motors" catalog. Optional Planning for Gear units Overhung and axial loads part" (P19)

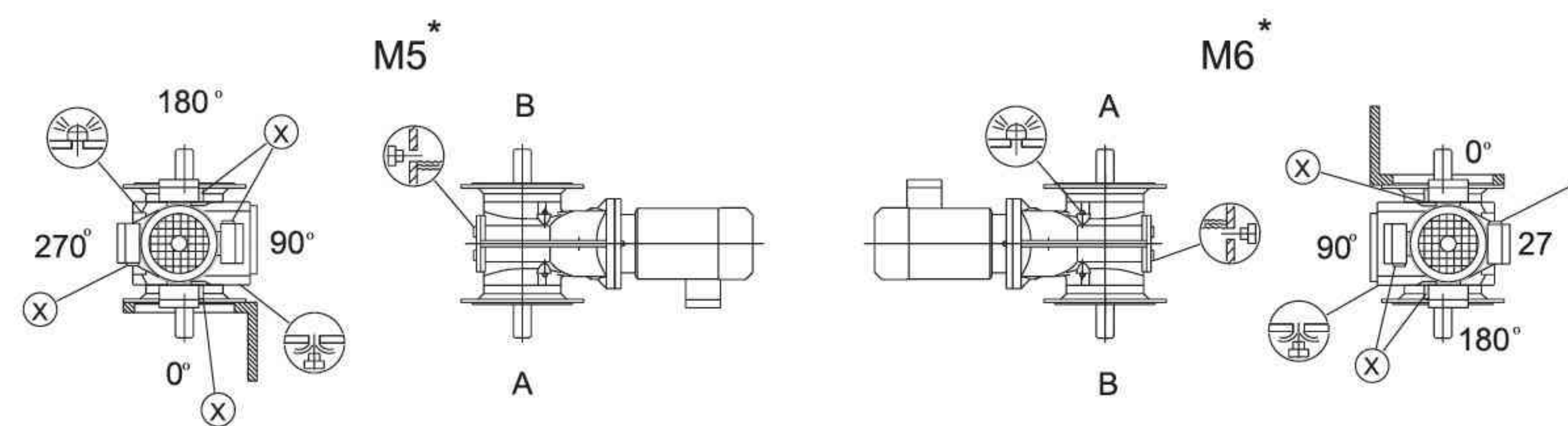
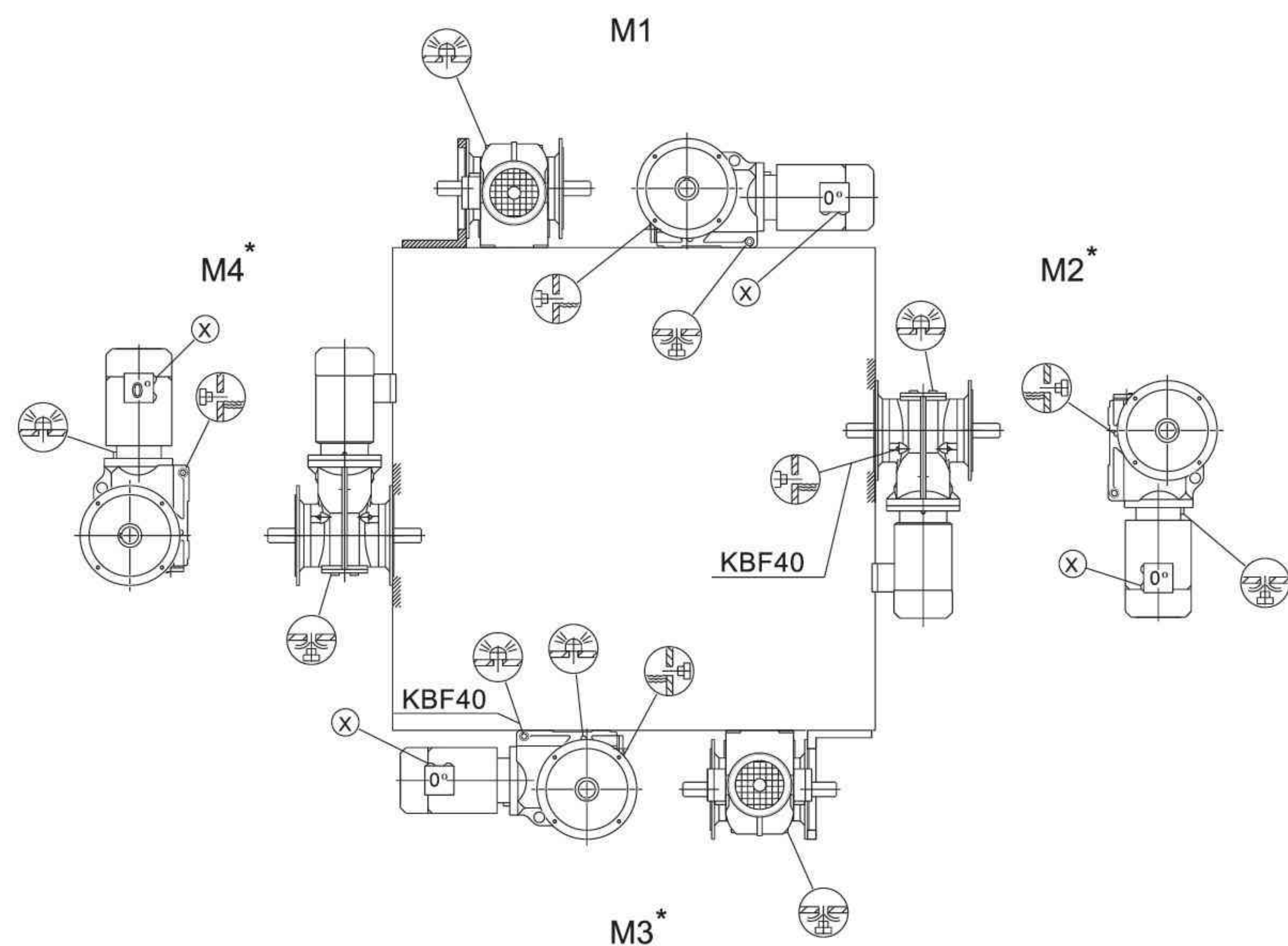
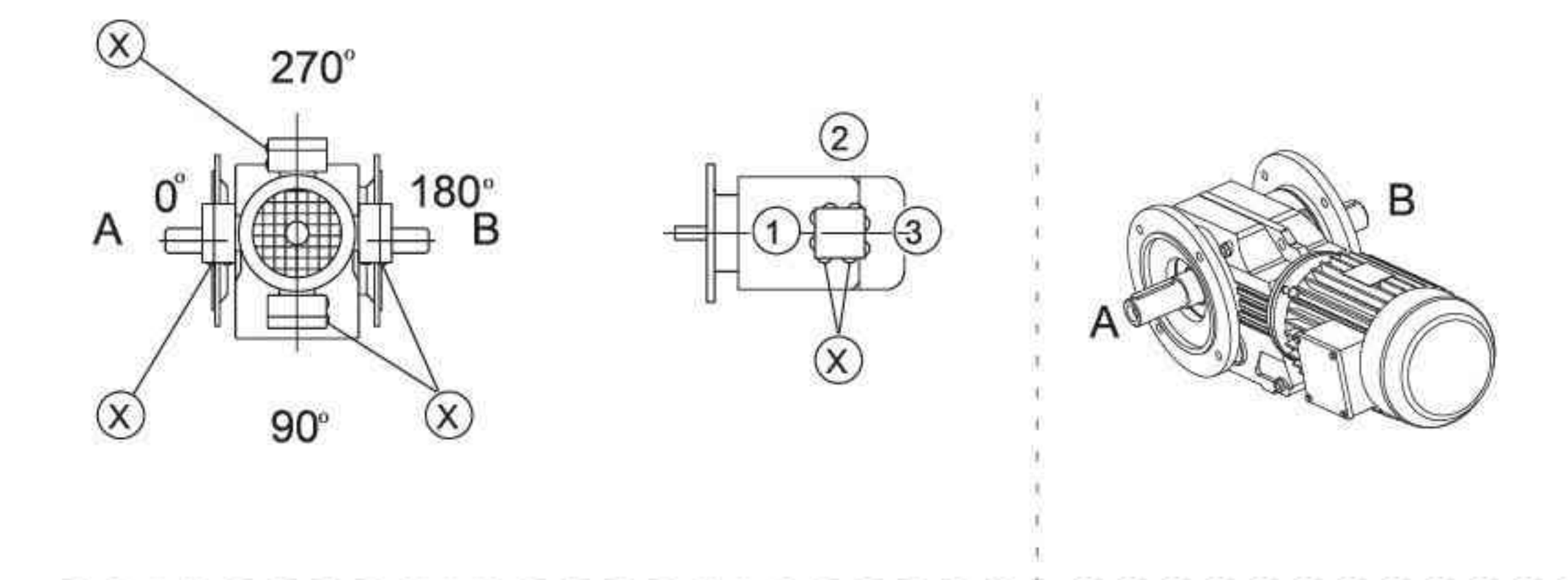
KB160-180,KBH160B-180B



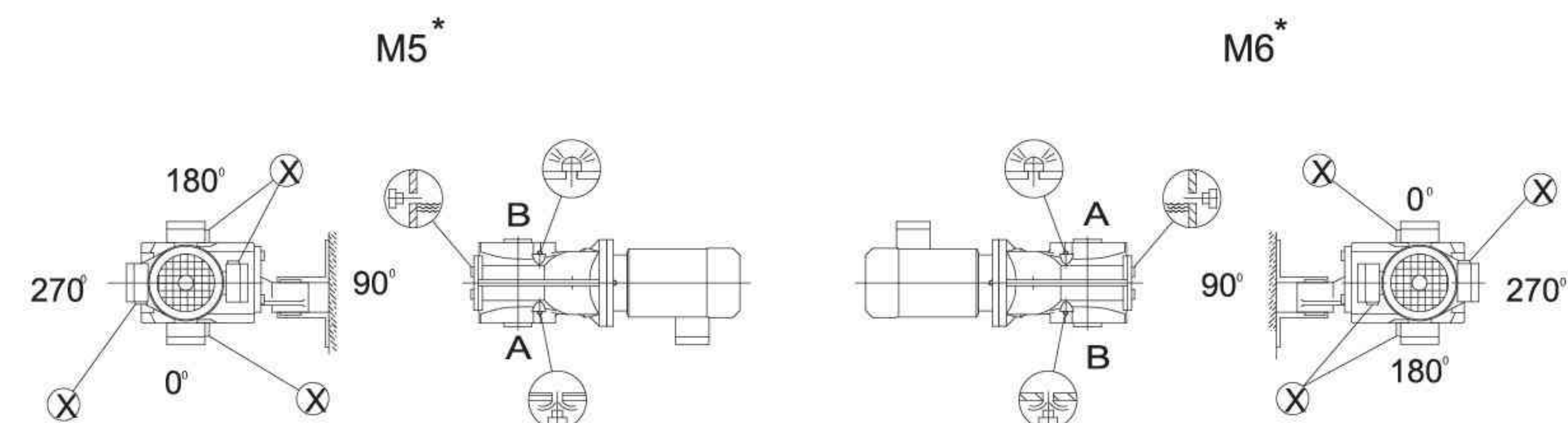
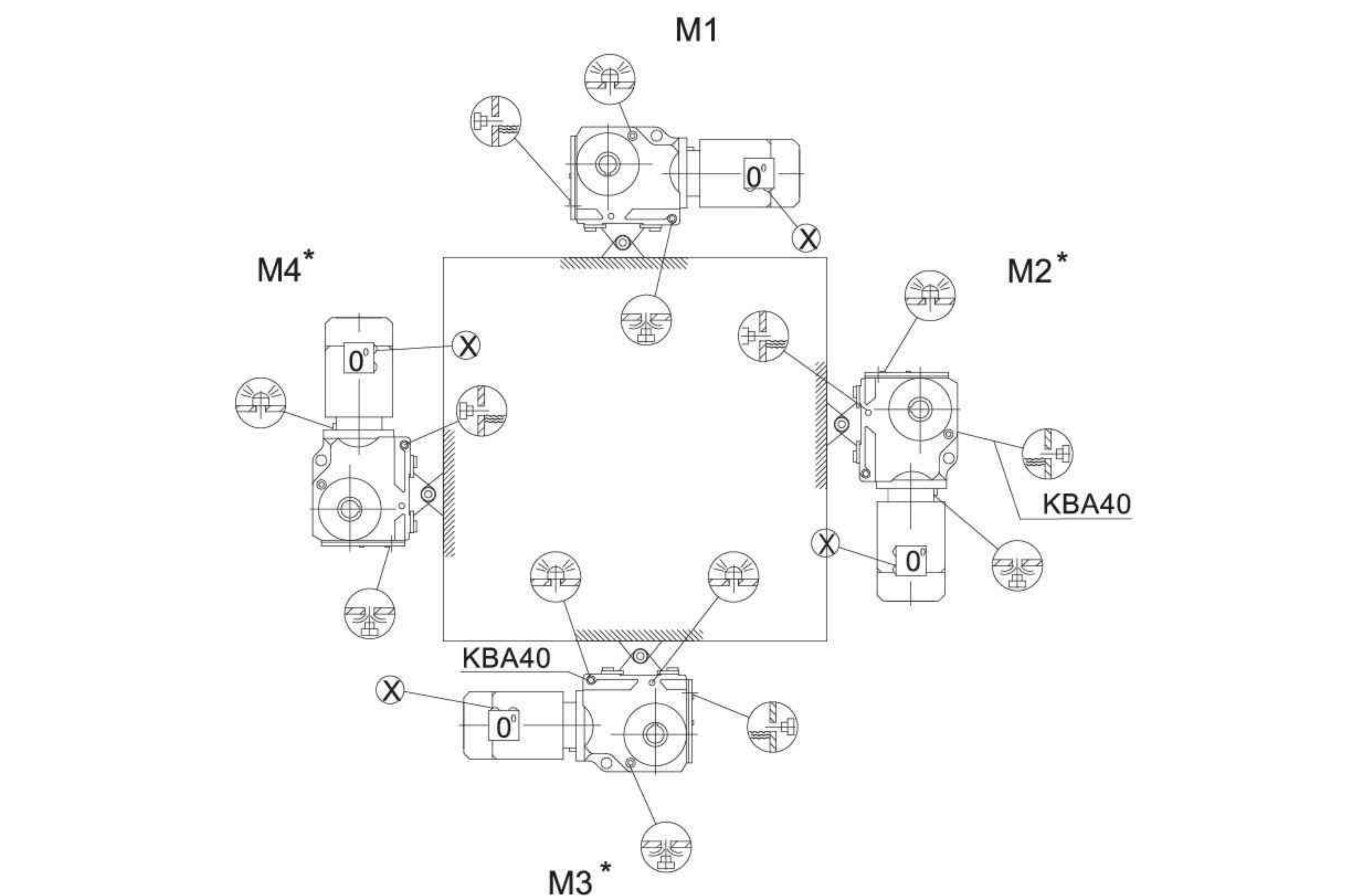
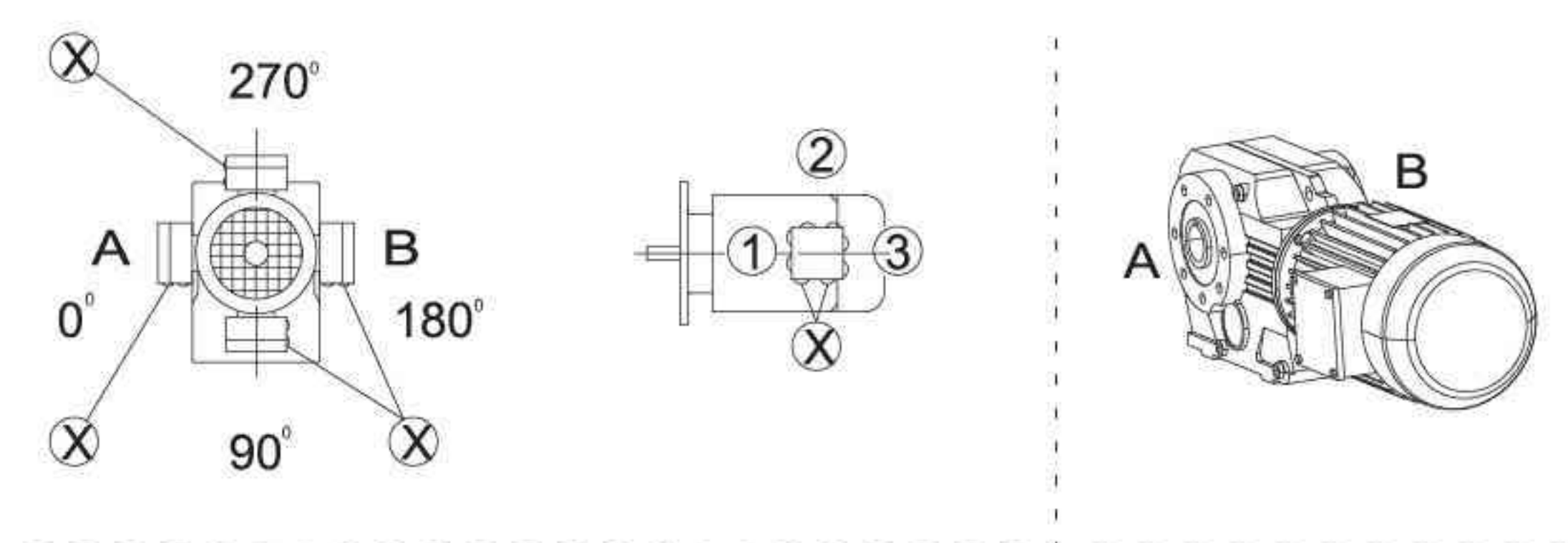
重要:请参见"减速器选型"中"径向和轴向负载"部分(P19)  
Important:Please refer to the information in the " Geared Motors" catalog. Optional Planning for Gear units Overhung and axial loads part" (P19)



**KBF/KBAF/KBAZ/KBHZ30-150,KBVF/KBVZ30-100**

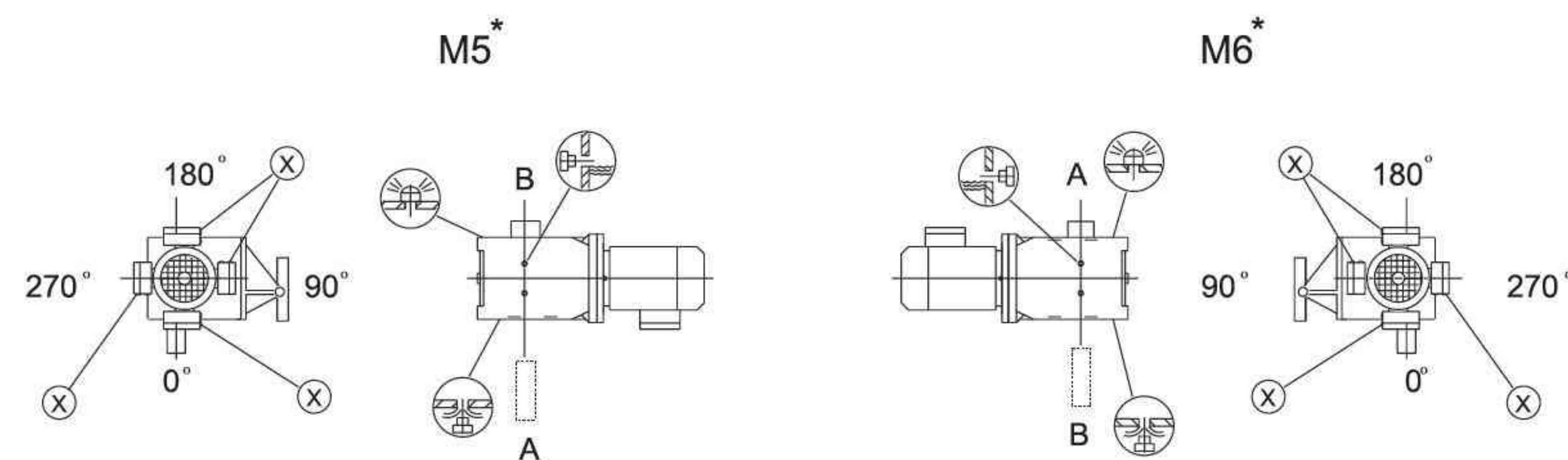
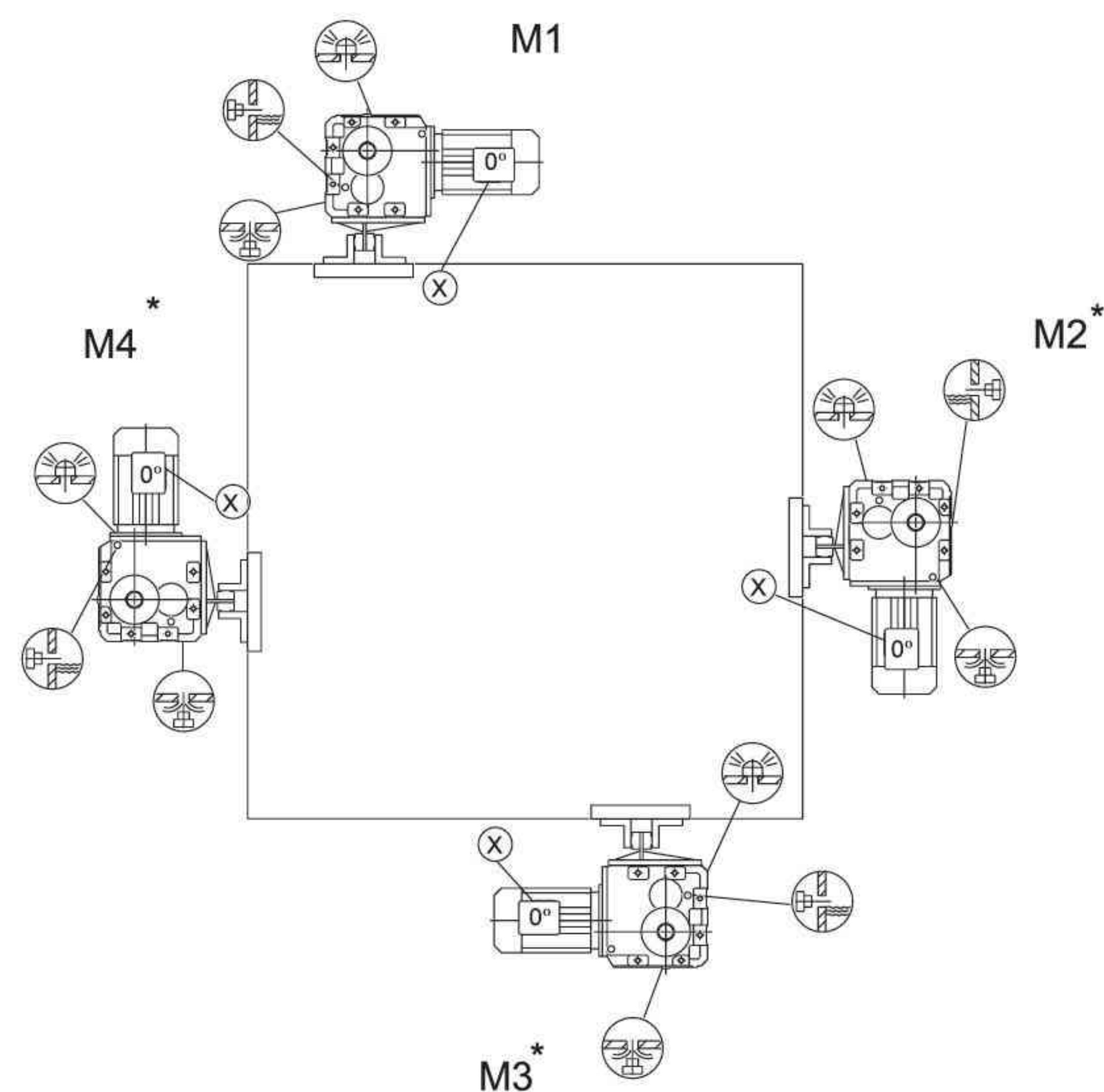
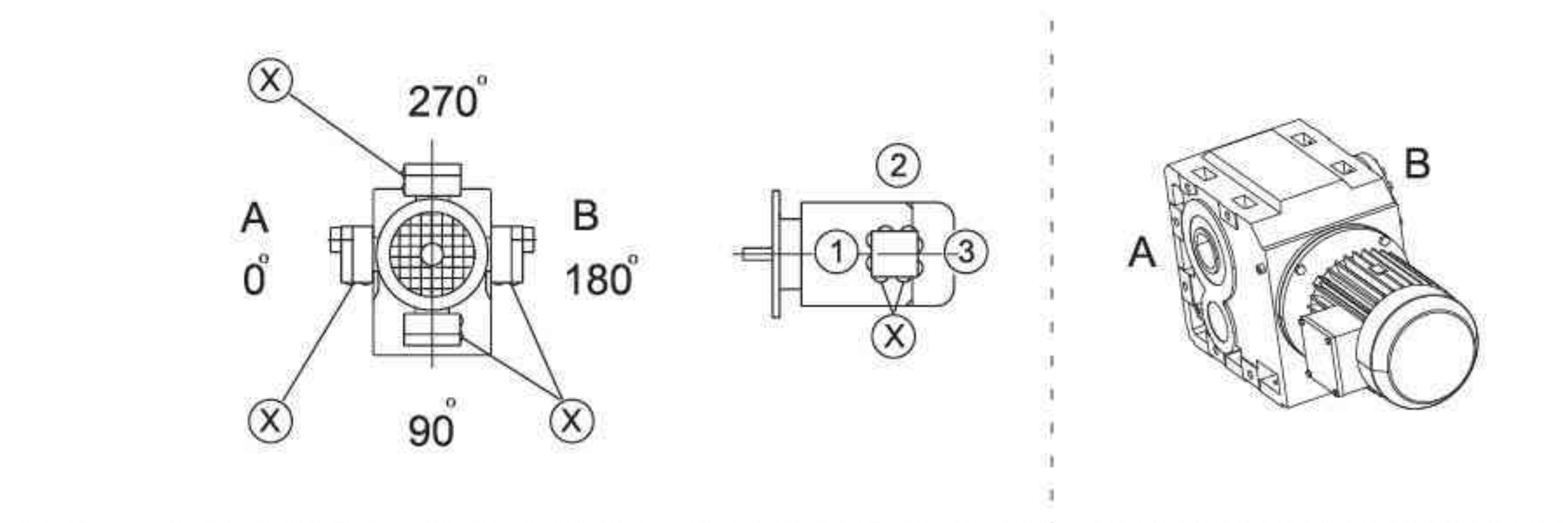


**KBH/KBH30-150,KBV30-100**

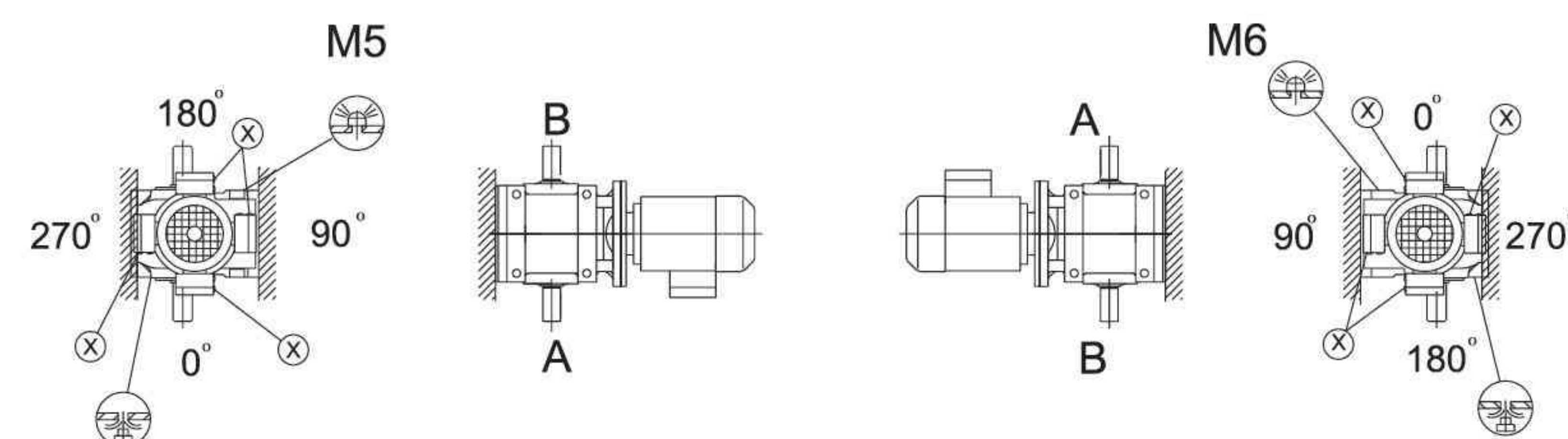
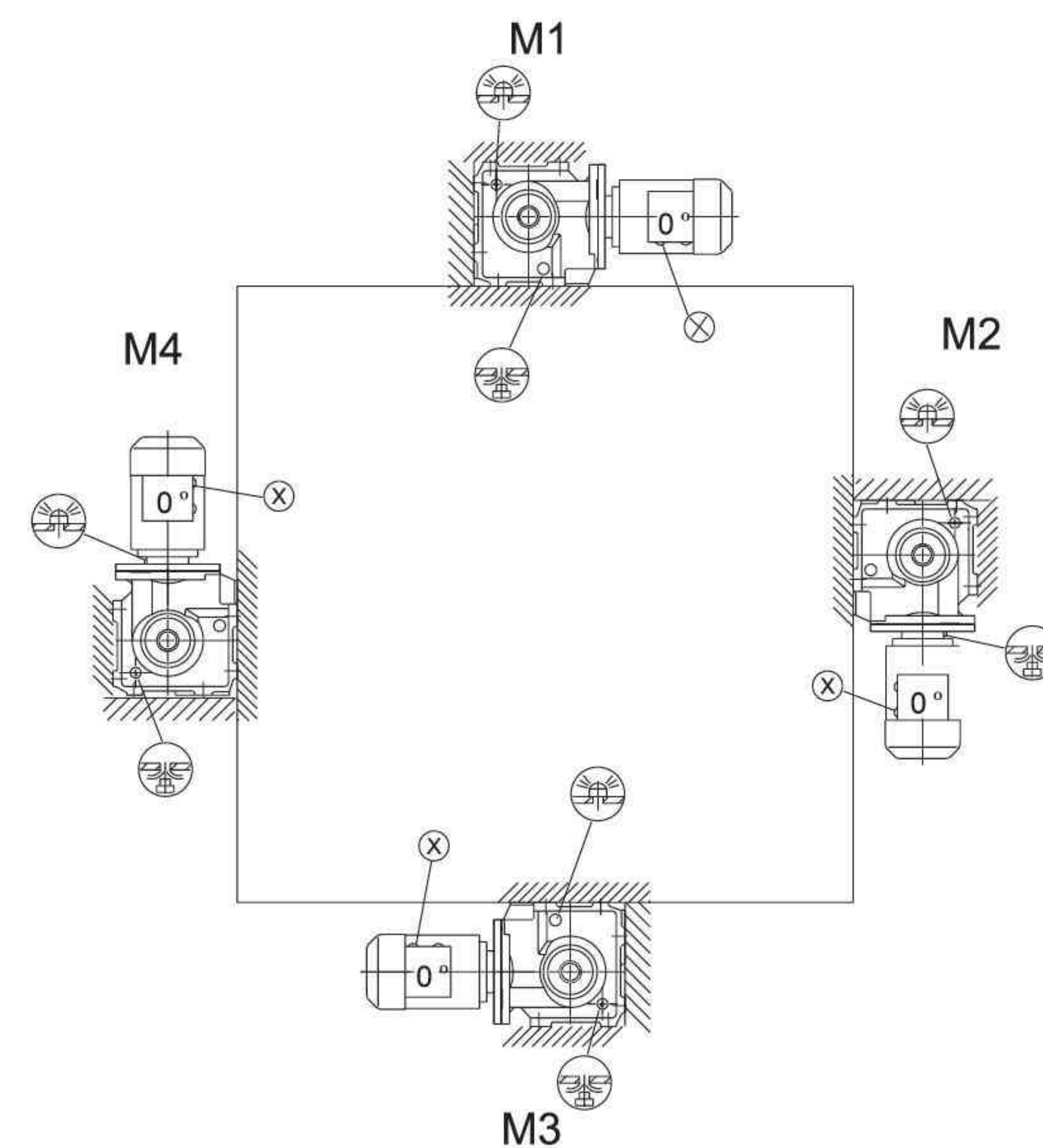
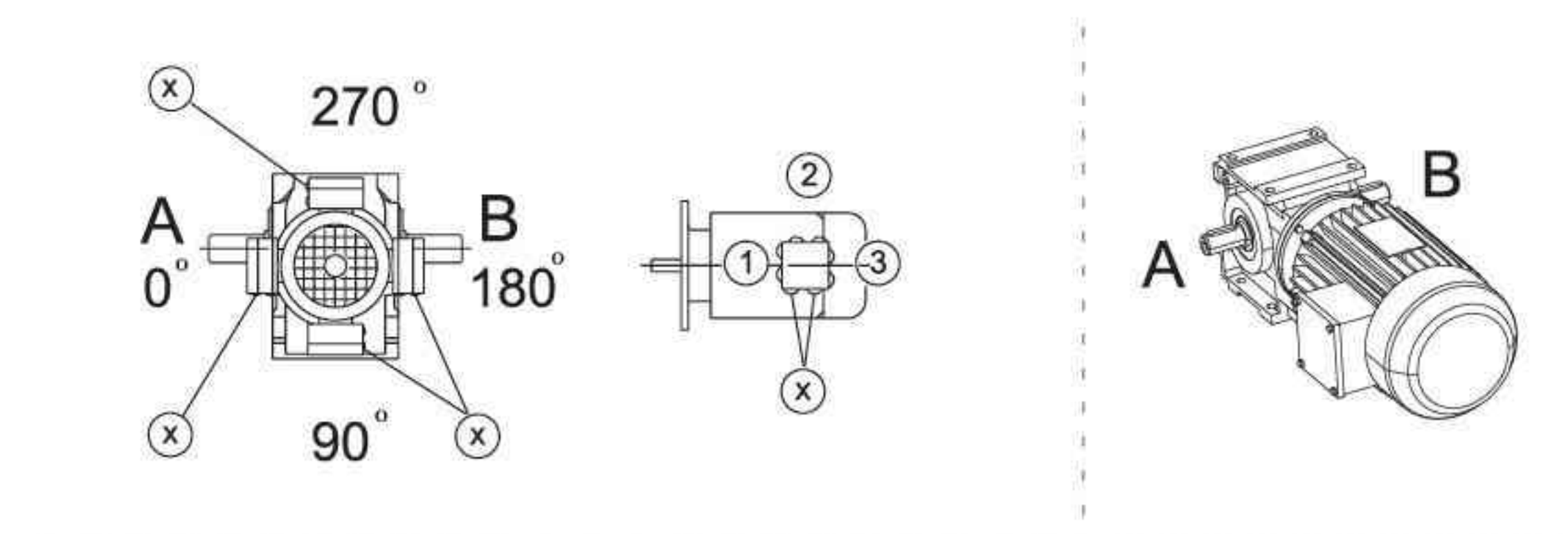




**KBH16-180**



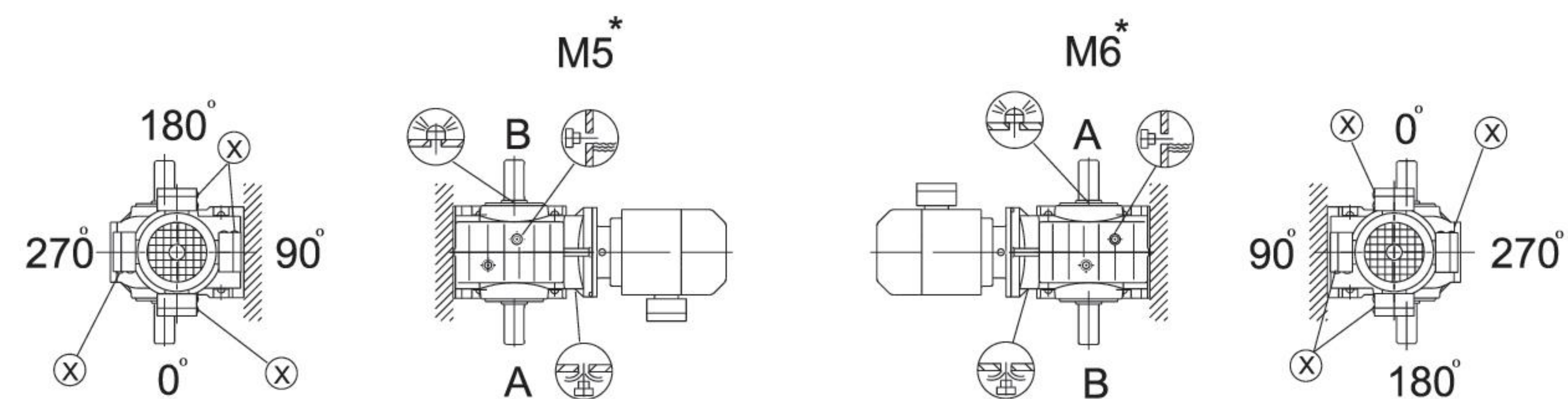
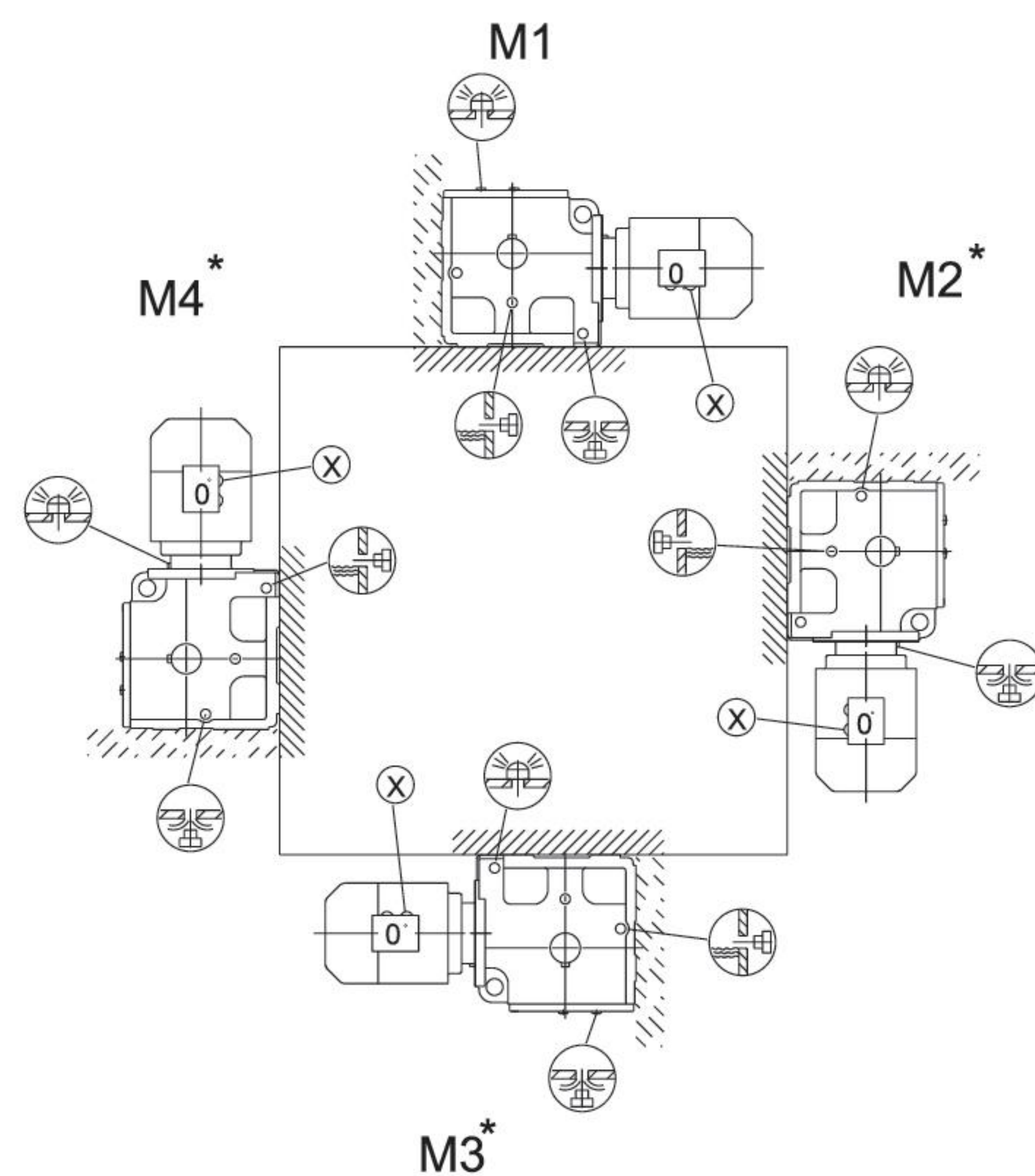
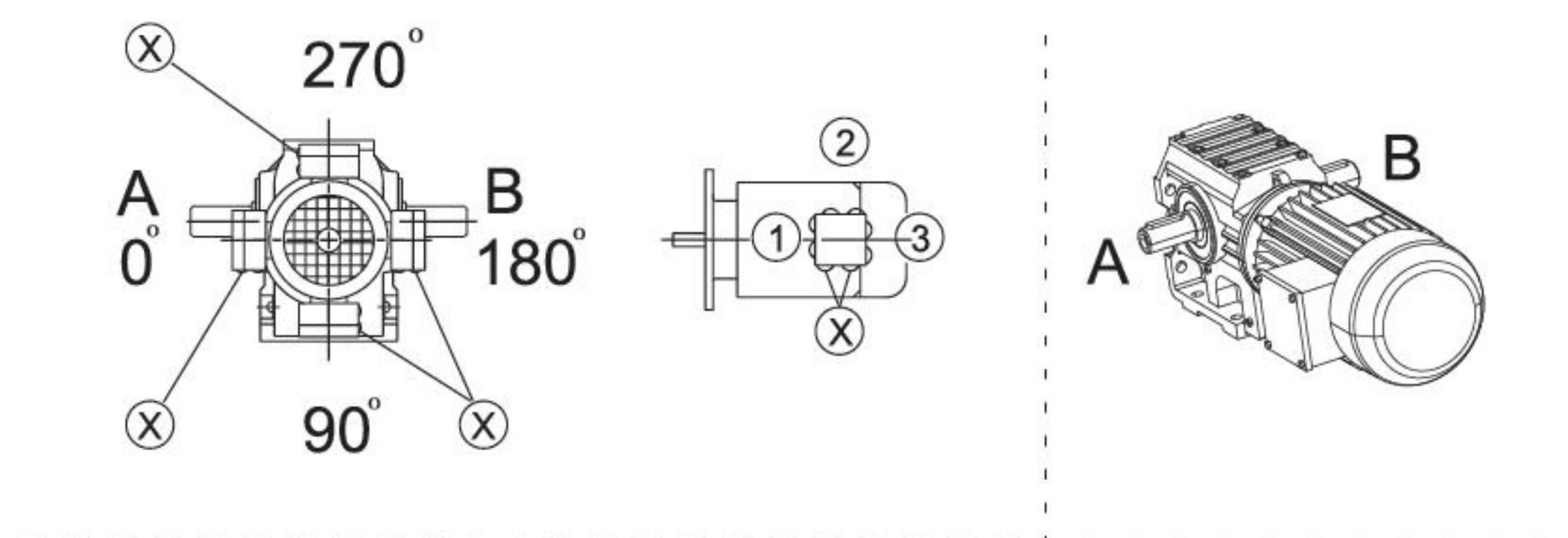
**10.5 斜齿轮-蜗杆减速电机安装位置**  
**10.5 Mounting position of Helical – worm Gear motor**  
**KW30**



重要:请参见"减速器选型"中"径向和轴向负载"部分(P19)  
Important:Please refer to the information in the " Geared Motors" catalog. Optional Planning for Gear units Overhung and axial loads part" (P19)

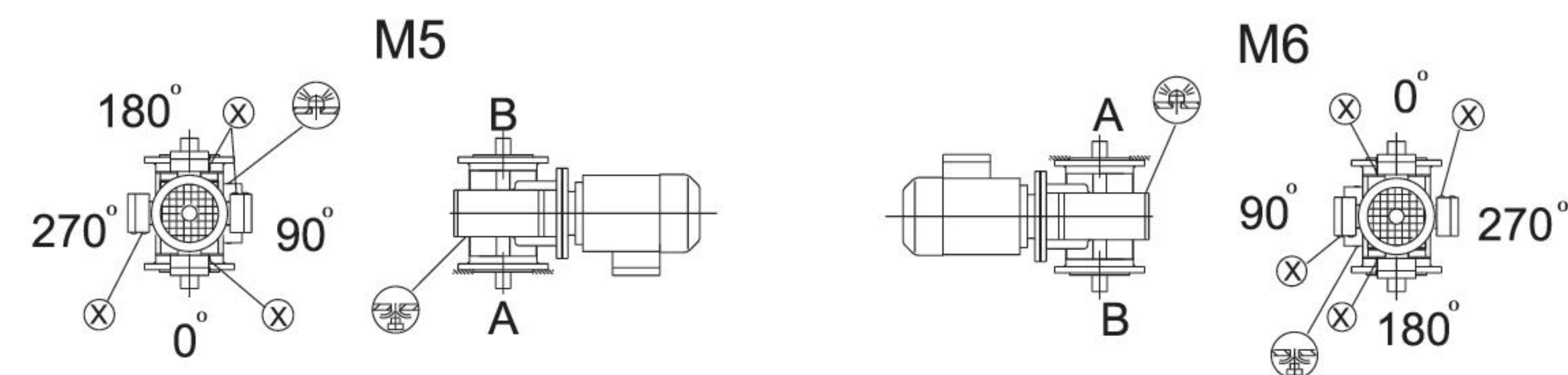
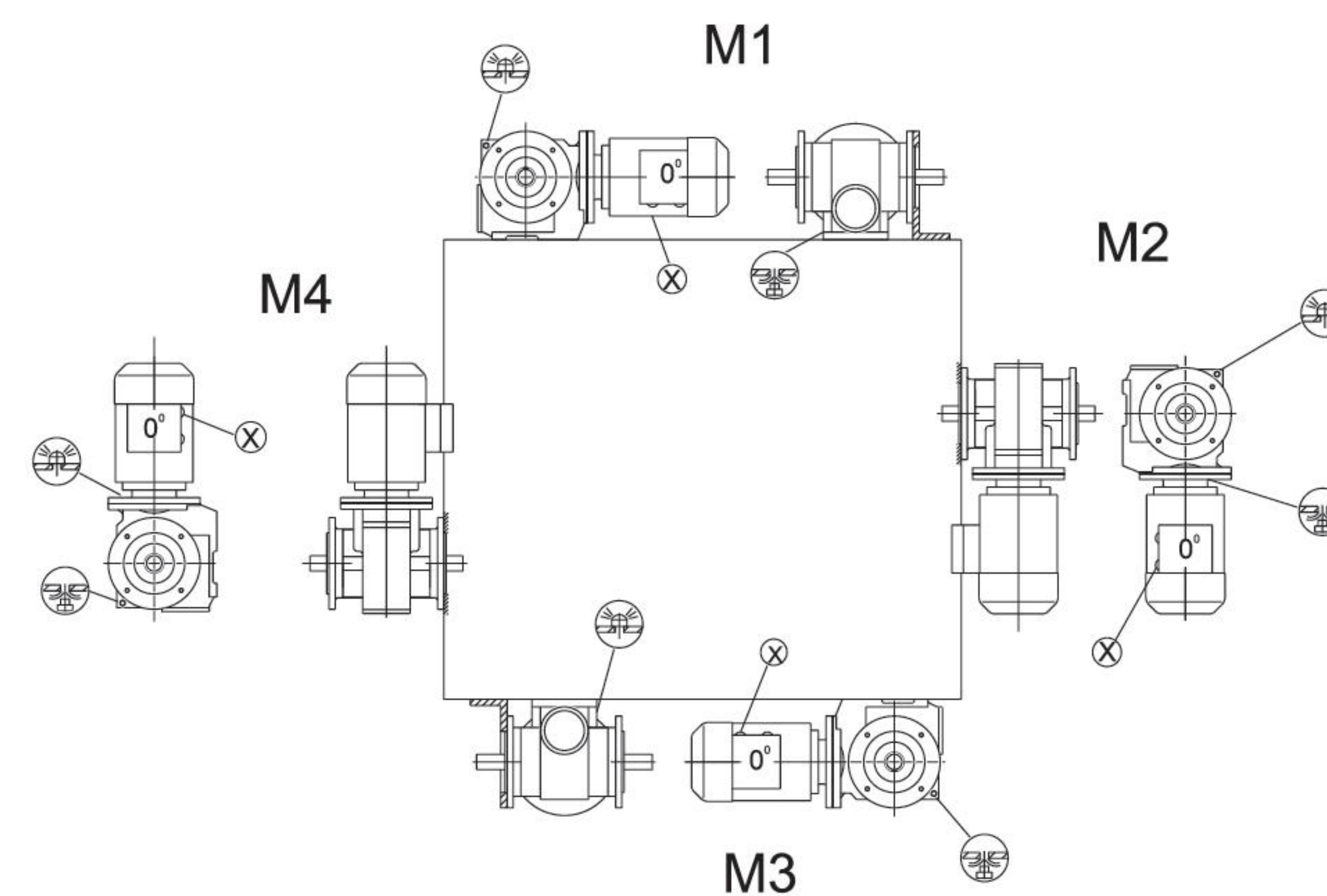
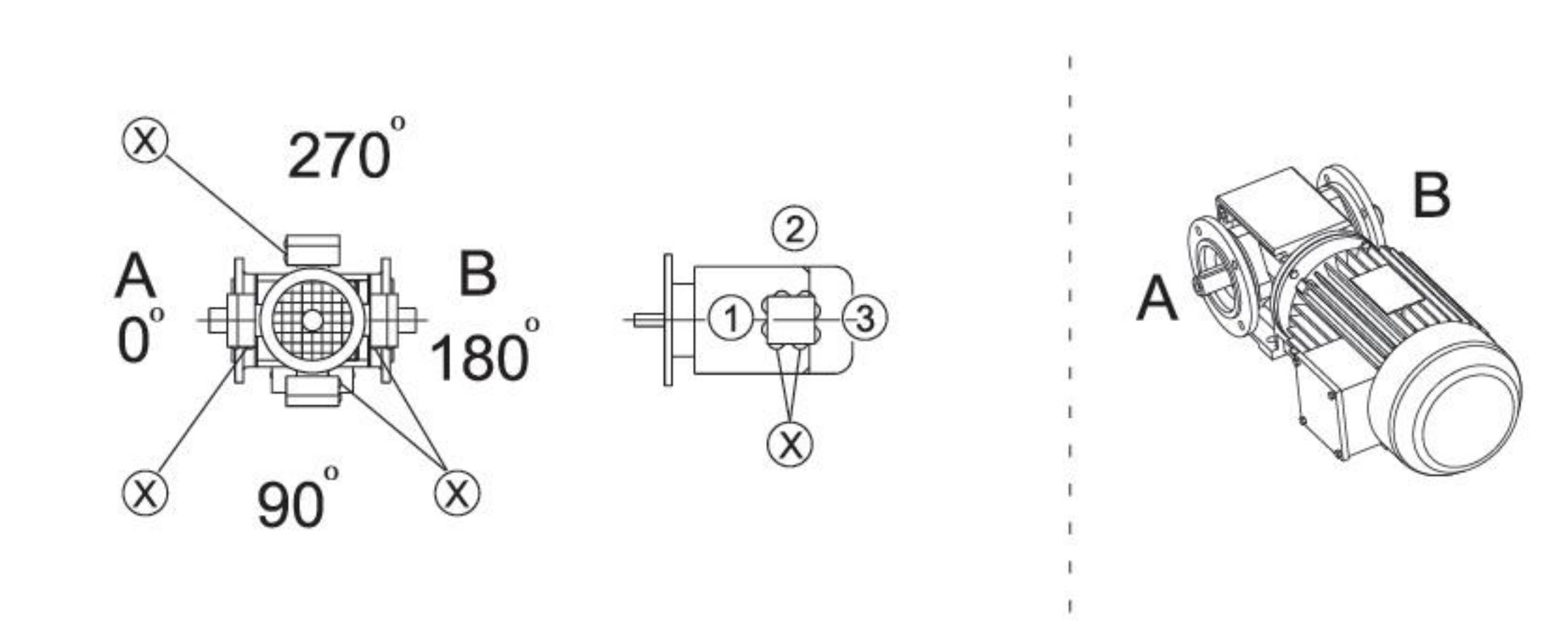


**KW40-KW90**



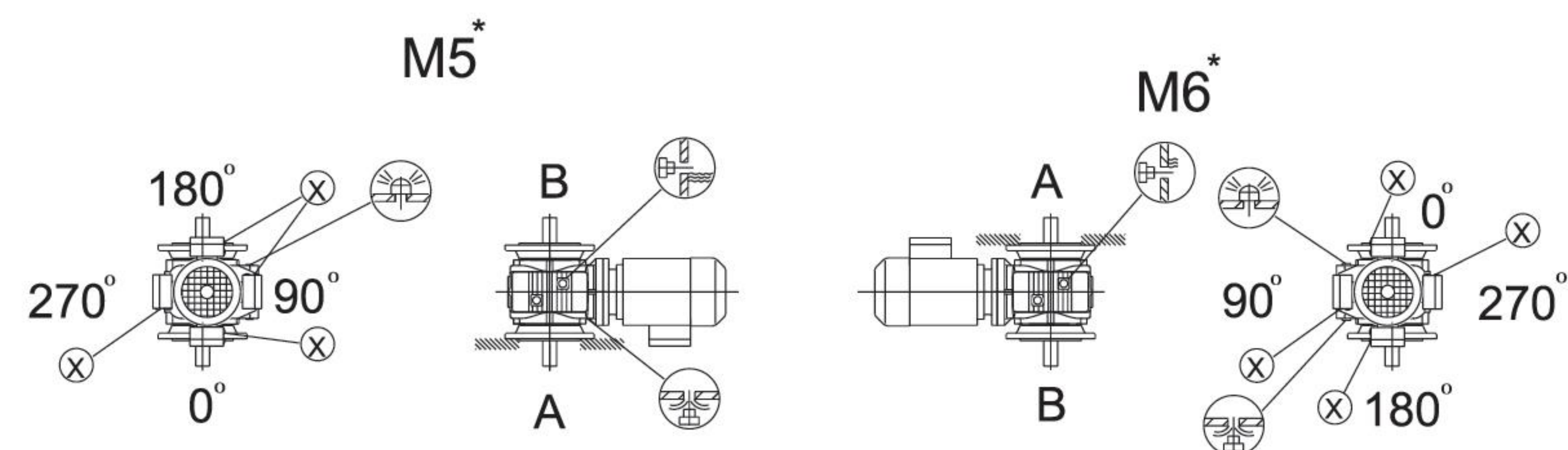
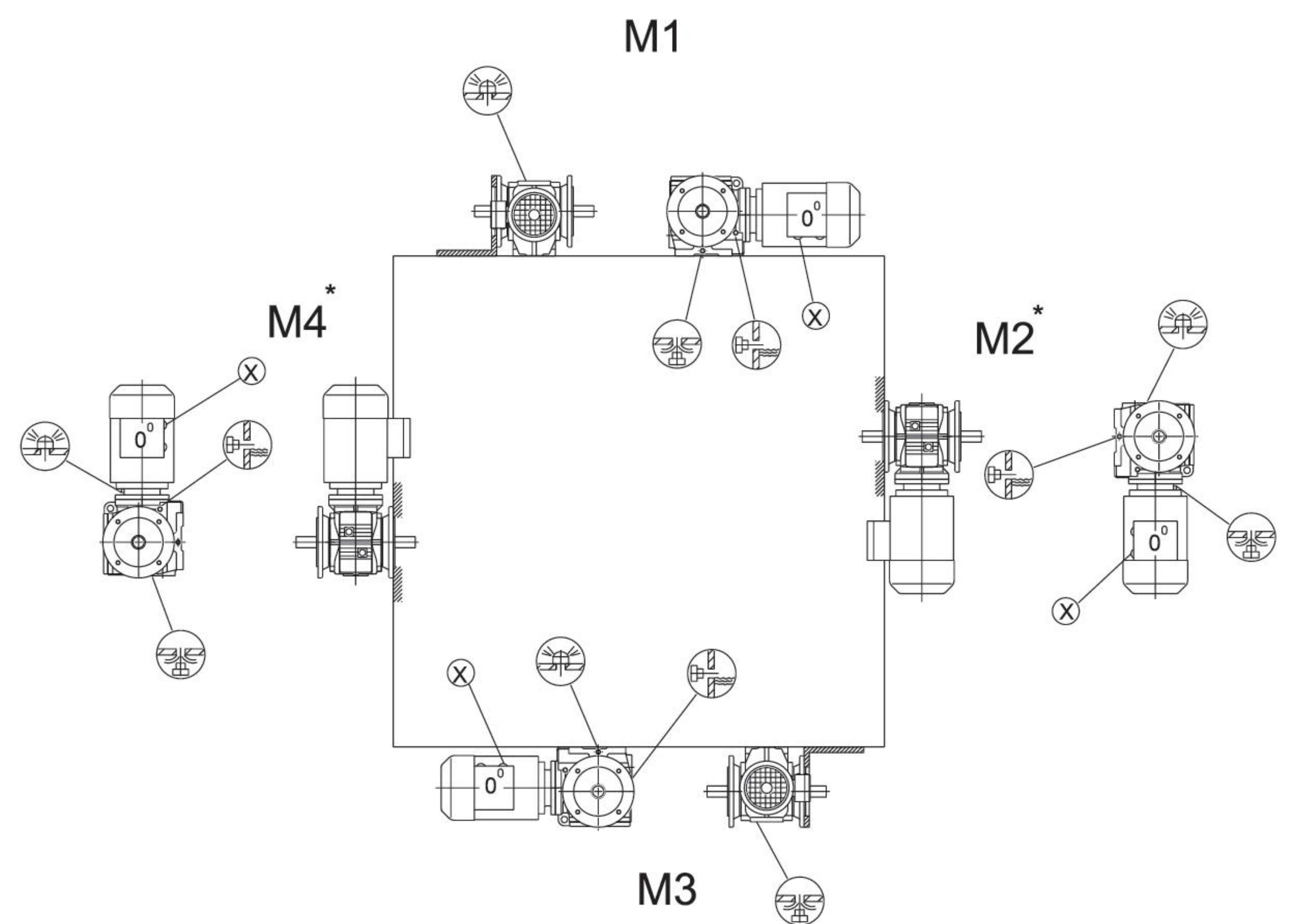
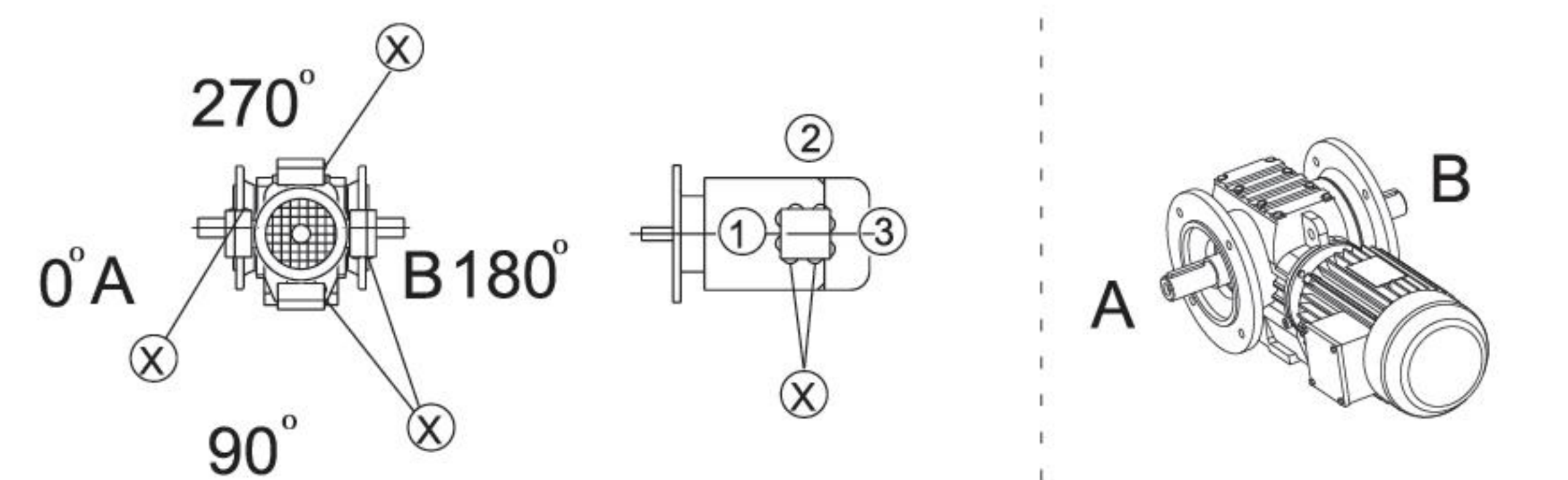
重要:请参见"减速器选型"中"径向和轴向负载"部分(P19)  
Important: Please refer to the information in the "Geared Motors" catalog. Optional Planning for Gear units Overhung and axial loads part" (P19)

**KWF/KWAF/KWHF30**

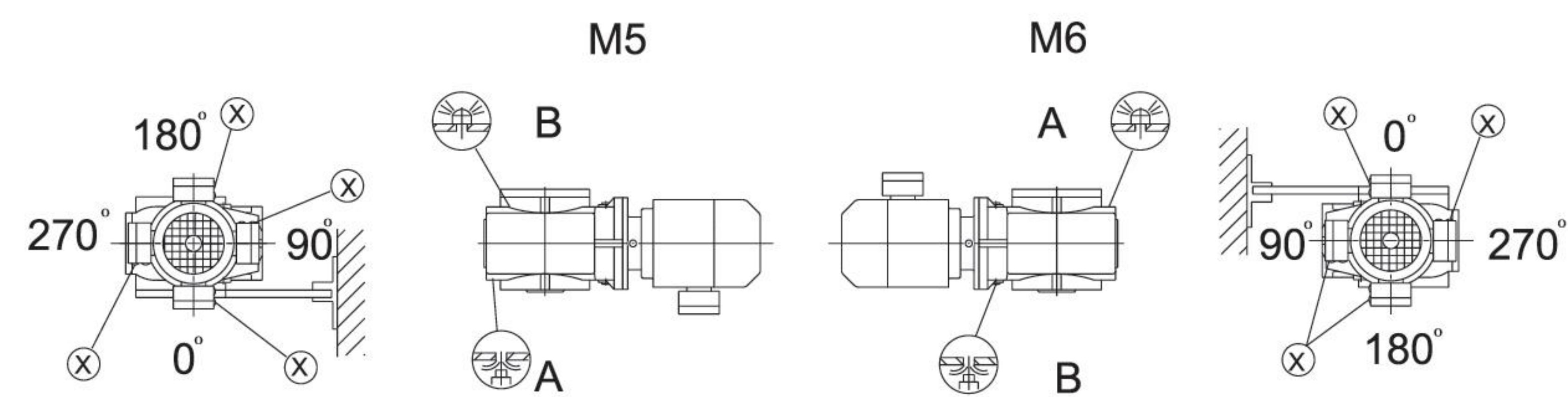
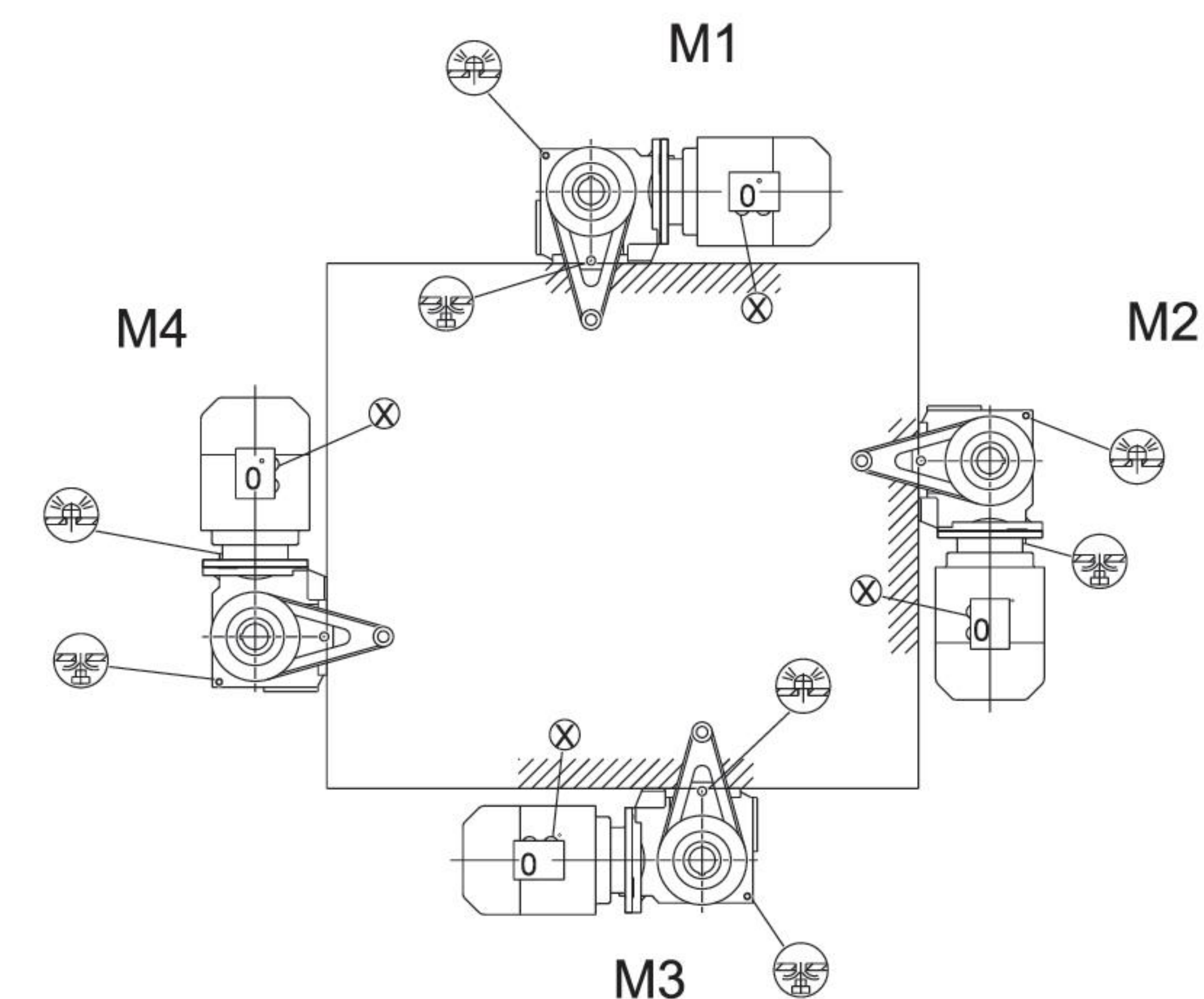
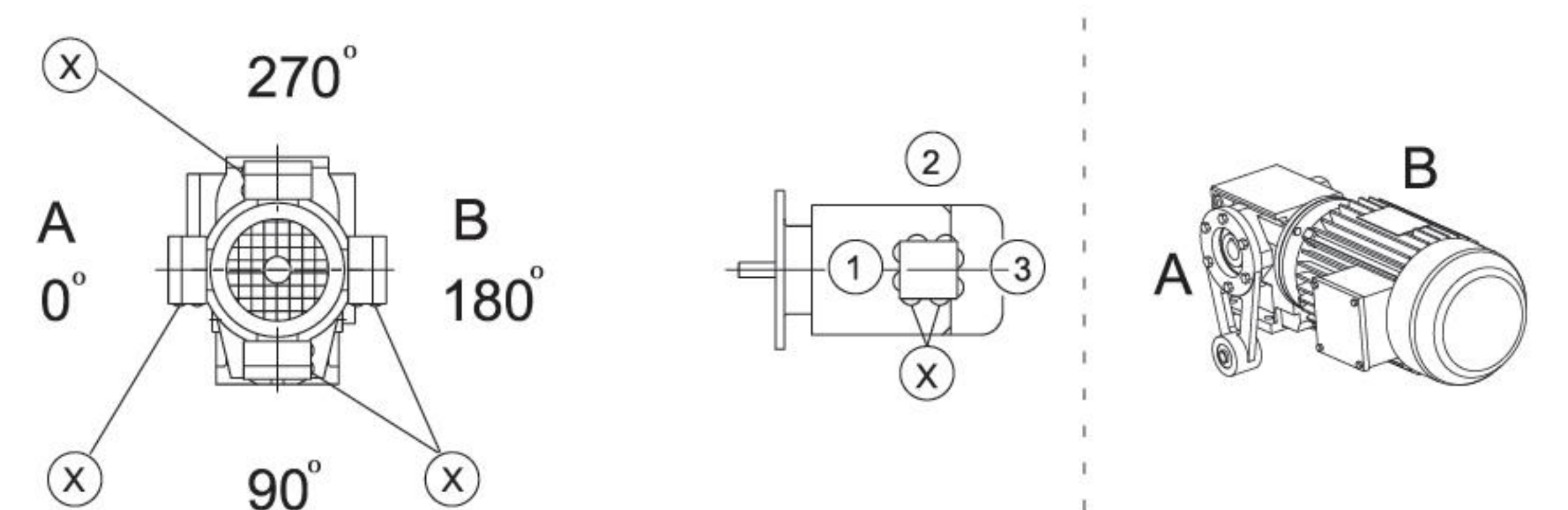




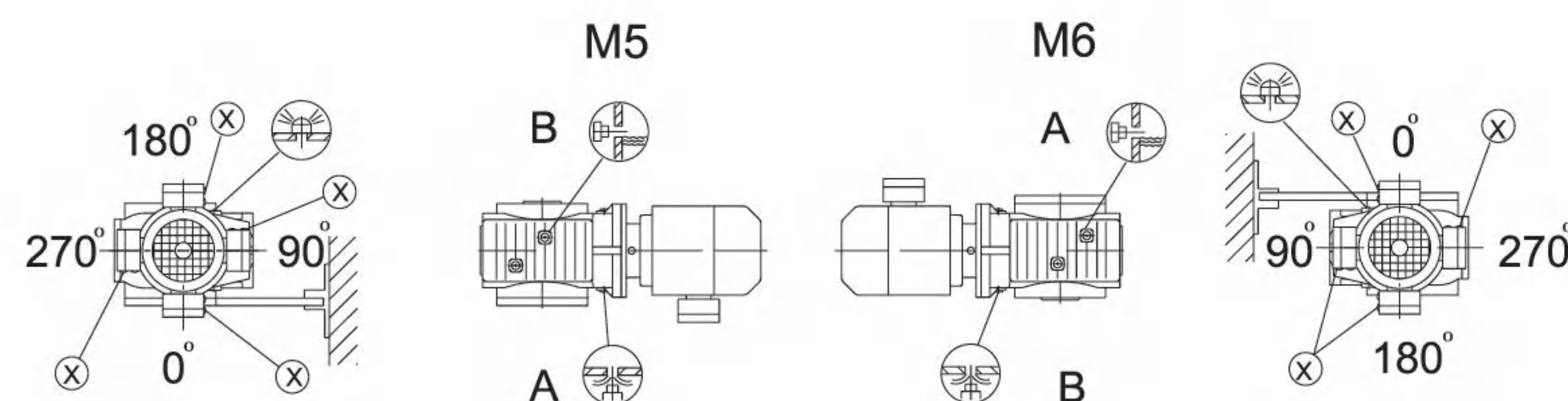
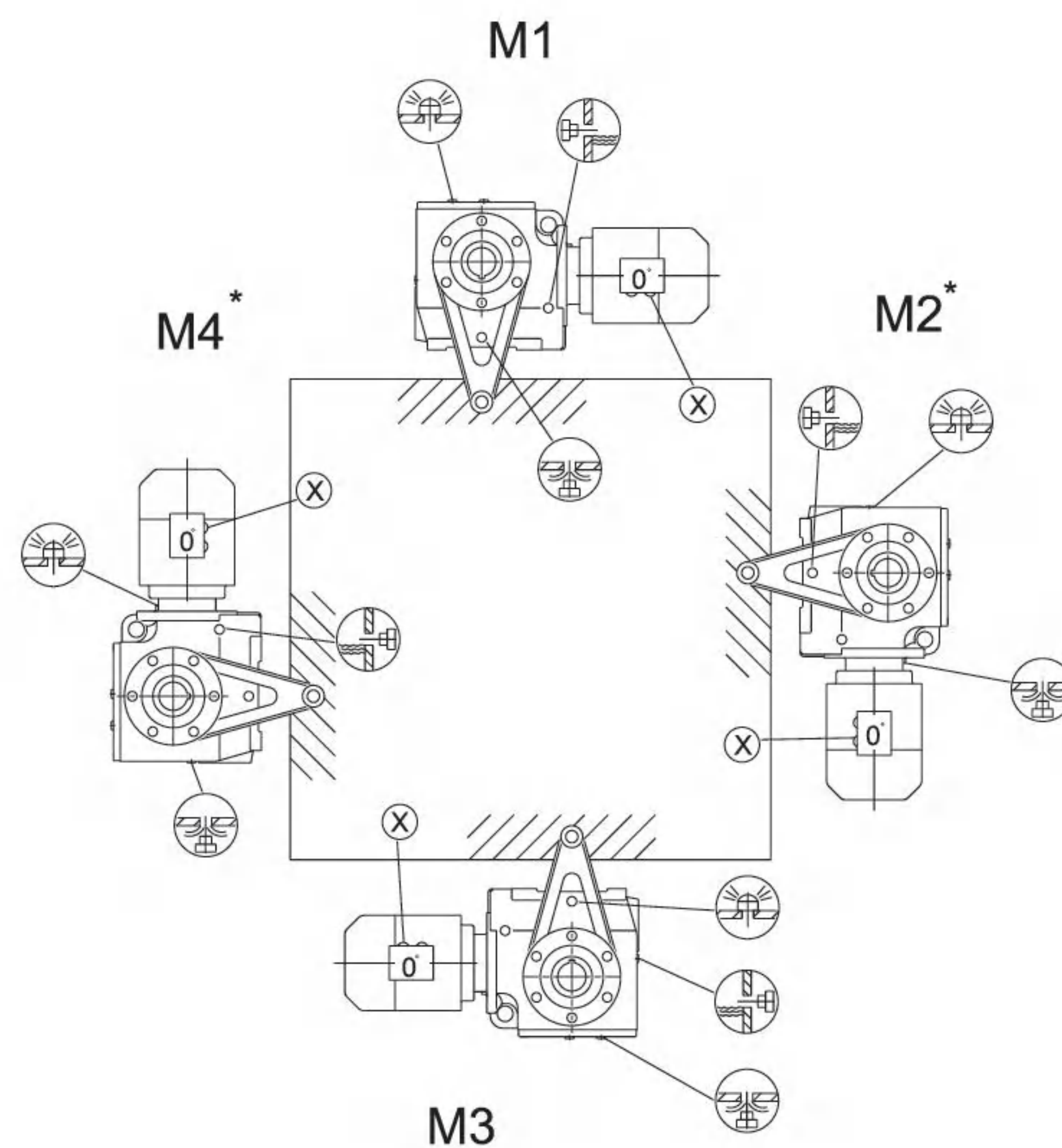
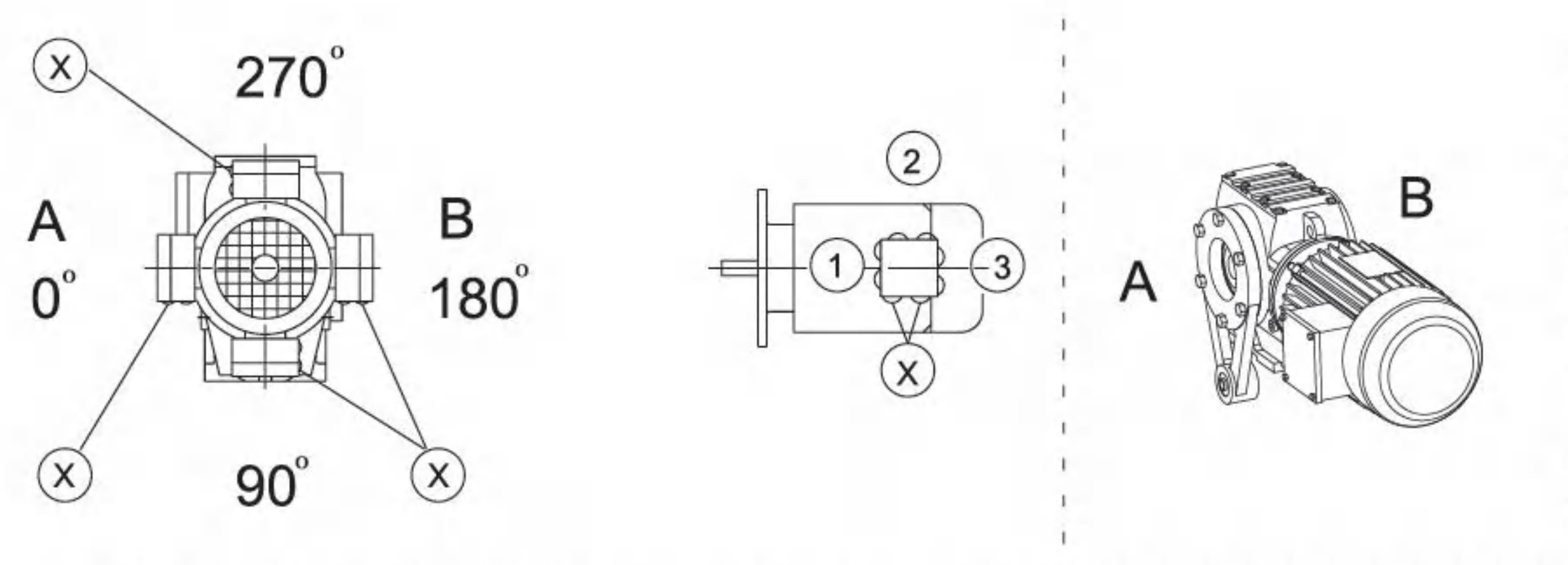
**KWF/KWAF/KWAZ/KWHZ40...-90..**



**KWA/KWH30**







## 11. 尺寸信息 Information on dimension sheets

### 范围的分类 Scope of classification

-  =KPM作为标准部件提供  
Standard parts supplied by KPM
-  =KPM不作为标准部件提供  
Standard parts unsupplied by KPM

### 中心高公差 Shaft heights tolerance

- $h \leq 250\text{mm} \rightarrow -0.5\text{mm}$
- $h > 250 \rightarrow -1\text{mm}$

地脚安装减速机：当配有电机时，电机可能已凸出到安装平面以下，请注意检查。  
Foot-mounted gear units: The motor may project below the mounting surface when fitted, please check.

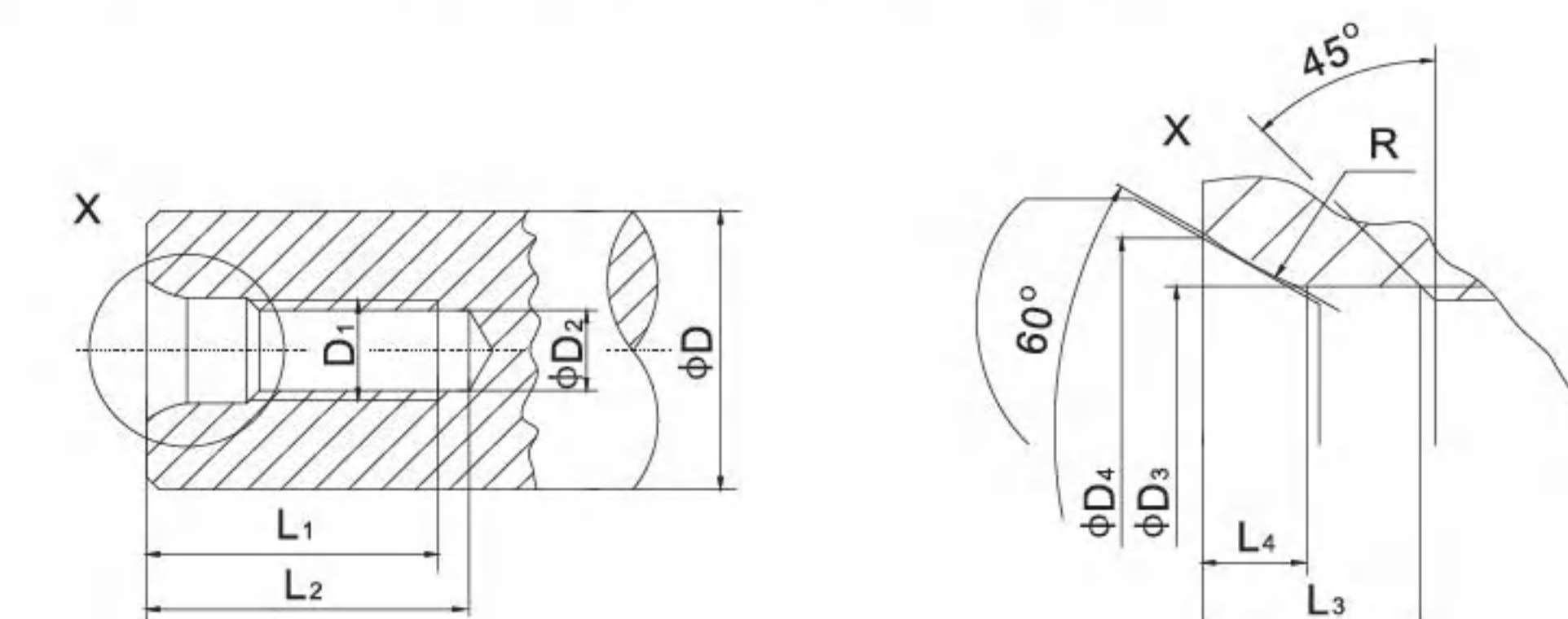
### 轴公差 Shaft tolerance

#### 直径公差 Diameter tolerance

- $\phi \leq 50\text{mm} \rightarrow \text{ISO k6}$
- $\phi > 250 \rightarrow \text{ISO m6}$

按照DIN332标准有DR型中心孔：

Center holes in accordance with DIN332. shape DR



| 输出轴直径 $\phi D$<br>Diameter of Output shaft | D1  | D2   | D3   | D4   | R    | L1<br>+2 | L2<br>min | L1   | L4<br>≈ |
|--------------------------------------------|-----|------|------|------|------|----------|-----------|------|---------|
| $\phi D = 7-10\text{mm}$                   | M3  | 2.5  | 3.2  | 5.3  | 4.0  | 9.0      | 12.0      | 2.6  | 1.8     |
| $\phi D > 10-13\text{mm}$                  | M4  | 3.3  | 4.3  | 6.7  | 5.0  | 10.0     | 14.0      | 3.2  | 2.1     |
| $\phi D > 13-16\text{mm}$                  | M5  | 4.2  | 5.3  | 8.1  | 6.3  | 12.5     | 17.0      | 4.0  | 2.4     |
| $\phi D > 16-21\text{mm}$                  | M6  | 5.0  | 6.4  | 9.6  | 8.0  | 16.0     | 21.0      | 5.0  | 2.8     |
| $\phi D > 21-24\text{mm}$                  | M8  | 6.8  | 8.4  | 12.2 | 10.0 | 19.0     | 25.0      | 6.0  | 3.3     |
| $\phi D > 24-30\text{mm}$                  | M10 | 8.5  | 10.5 | 14.9 | 16.0 | 22.0     | 30.0      | 7.5  | 3.8     |
| $\phi D > 30-38\text{mm}$                  | M12 | 10.2 | 13.0 | 18.1 | 20.0 | 28.0     | 37.0      | 9.5  | 4.4     |
| $\phi D > 38-50\text{mm}$                  | M16 | 14.0 | 17.0 | 23.0 | 25.0 | 36.0     | 45.0      | 12.0 | 5.2     |
| $\phi D > 50-85\text{mm}$                  | M20 | 17.5 | 21.0 | 28.4 | 31.5 | 42.0     | 53.0      | 15.0 | 6.4     |
| $\phi D > 85-130\text{mm}$                 | M24 | 21.0 | 25.0 | 34.2 | 40.0 | 50.0     | 63.0      | 18.0 | 8.0     |
| $\phi D > 130\text{mm}$                    | M30 | 26.5 | 31.0 | 42.6 | 50.0 | 63.0     | 85.0      | 20.0 | 10.0    |

### 空心轴 Hollow shaft

键：根据DIN6885确定（圆头平键）

keys: In accordance with DIN6885 (domed type)

直径公差

Diameter tolerance

$\phi \rightarrow \text{ISO H7}$  塞规测量

ISO H7 measured with plug gauge

### 花键轴 Multiple-spine shafts

Dm = 测量棒直径 Measuring roller diameter

Me = 检测尺寸 Inspection size



法兰  
Flange

止口公差 Centering shoulder tolerance

φ ≤230mm(flange size A 120–A300) →ISOj6

φ >230mm(flange size A 350–A660) →ISOh6

对于每个规格的斜齿轮减速机、交流(制动)电机和防爆(制动)电机最多可提供三种不同尺寸的法兰，每种法兰的尺寸见相关尺寸表。

Up to three different flange dimensions are available for each size of helical gear units AC (brake) motor and explosion–proof AC (brake) motor. The possible flanges per size are indicted in the relevant dimension sheets.

起吊螺栓及吊耳  
lifting eyebolts, suspension eye lugs

KH10和KH20减速机,电机机座号小于100的减速电机没有配备专门的运输吊装工具,其它的减速机和电机配有铸造的吊装孔,用螺栓固定在机体上的吊耳或吊环。

KH10..KH20 helical gearunits,motors upto DV100 and Spiroplan geared motoes are delivered without special reansport fixtures. Otherwise, the gear units and motors are equipped with cast–on suspension eye lugs, screw–on suspension eye lugs or sceew–on lifting eyebolts.

| 减速机/电机型号规格<br>Gear unit/motor type | 吊环/吊耳<br>Screw–on lifting eyebolts<br>/suspension eye lugs | 铸造吊装孔<br>Cast–on suspension<br>eye lugs |
|------------------------------------|------------------------------------------------------------|-----------------------------------------|
| KH/KHF30-50,KHX/KHXF50-60          | ●                                                          | —                                       |
| ≥KH60                              | ●                                                          | —                                       |
| KS30-150                           | —                                                          | ●                                       |
| KB30-150                           | —                                                          | ●                                       |
| KB160-180                          | ●                                                          | —                                       |
| KW30-40                            | ●                                                          | —                                       |
| KW50-90                            | —                                                          | ●                                       |
| ≥DV112                             | ●                                                          | —                                       |

通气阀  
Breather valves

减速机尺寸图总是显示为螺塞，相应的螺塞在出厂前按照其订货要求的安装位置更换为通气阀。这意味着减速机的外形尺寸图稍有不同。

The gear unit dimension drawings are always shown with screw plugs. The corresponding sc–rew plug is replaced by an breather valve at the factory depending on with mounting position M1–M6 is ordered. This means the contour dimensions may be slightly different.

锁紧盘连接  
Shrink disk connection

对于锁紧盘连接的空心轴减速机:若需要可向KPM索要 关于锁紧盘的详细数据表。

Hollow shaft gear unit with shrink disk connection :If required please request a detailed data sheet on shrink disks formKPM, data sheet no.33 753..95.

花键空心轴  
Splined hollow shaft

KSV.. 和KBV..减速机从30到100可提供按 ISO4762 制作的花键空心轴 。

Hollow shaft gear units KSV.. in sizes 30–100 and KBV.. in sizes 30–100 are supplied with a splined hollow shaft to ISO4762.

KSA/KSH/KSV 的橡胶缓冲垫  
Rubber buffer for KSA/KSH/KSV

f为在力矩Mamax作用下橡胶缓冲垫被压缩的距离尺寸

f stands for the compressed dimension of Rubber buffer in the Mamax torque.

制动电机  
Brake motors

配制动电机时,G1B的尺寸代替G1;KB代K

In brake motors, dimensions G1B apply instead of G1 and KB instead of K

电机附件  
Motor accessory

电机的尺寸因不同的电机附件而不同，请参考电机选择的尺寸图。

The motor dimensions may different as a result of motor accessory. Please refer to the dimensions of the more accessories.

特殊应用  
Special versions

接线盒的尺寸，在特殊应用如KS或CSA时与标准形式的尺寸不同。

The dimensions of the terminal box on special versions such as KS or CSA may different form the standard dimensions.