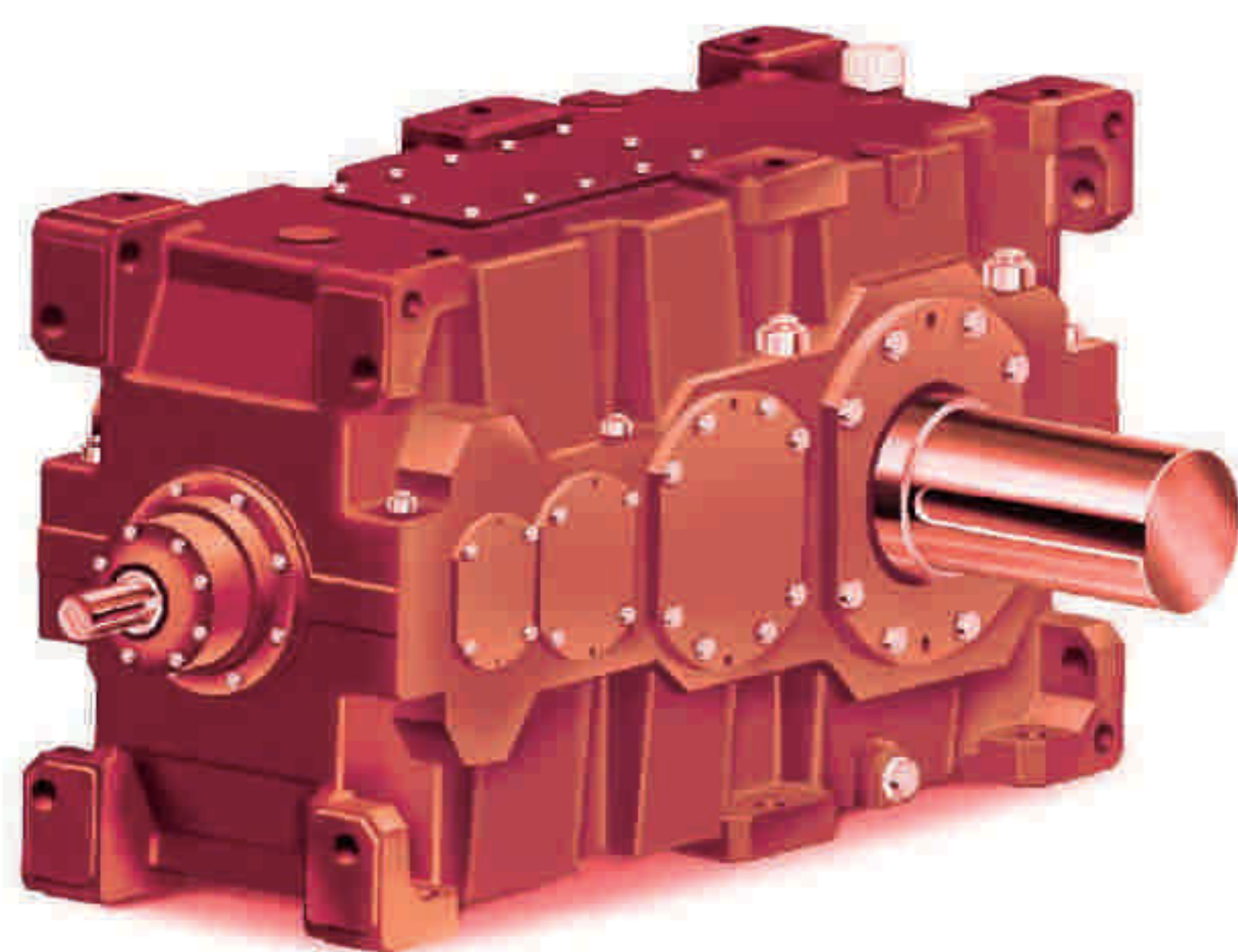


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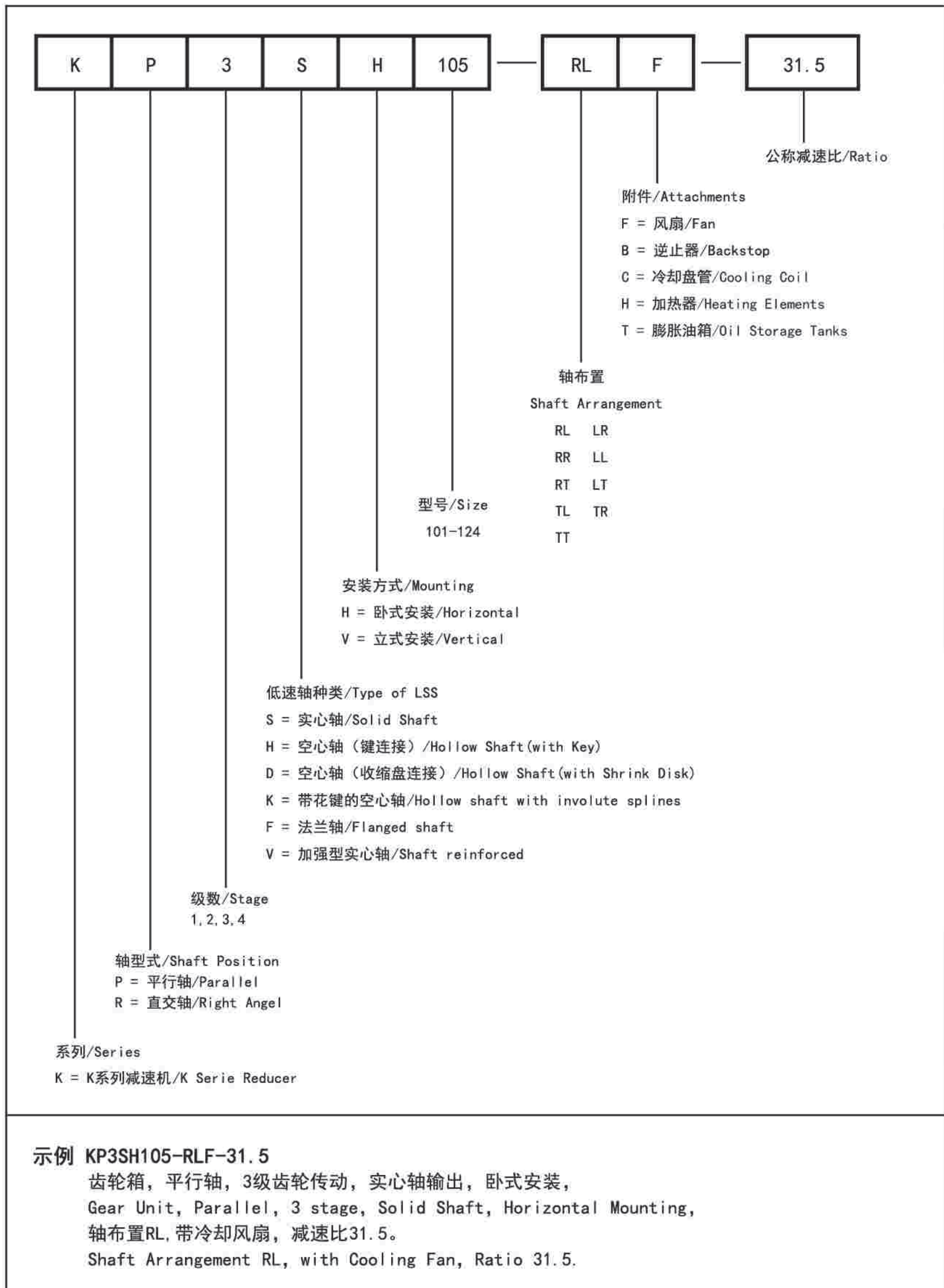


齿轮箱
Gear Units



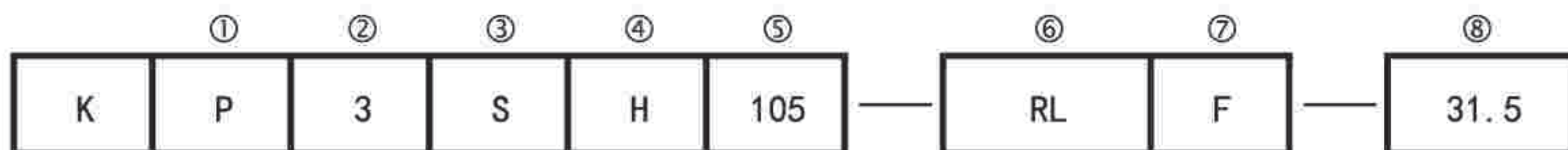
型号表示

Type Definition



选型步骤

Selection Procedure



选择齿轮箱/Select Gear Unit

①	类型/Type P: 平行轴/Parallel R: 直角轴/Right Angel
---	--

⑧	减速比/Ratio
②	级数/Stage
⑤	机座号/Size

④	安装方向/Mounting Position H: 卧式安装/Horizontal V: 立式安装/Vertical
---	--

③	低速轴种类/Type of LSS S = 实心轴/Solid Shaft H = 空心轴 (键连接) /Hollow Shaft (with Key) D = 空心轴 (收缩盘连接) /Hollow Shaft (with Shrink Disk) K = 带花键的空心轴/Hollow shaft with involute splines F = 法兰轴/Flanged shaft V = 加强型实心轴/Shaft reinforced
---	--

⑥	轴布置/Shaft Arrangement RL/LR/RR/LL/RT/LT/TL/TR/TT
---	---

校核额定热功率/Check Thermal Power Rating

$P_a \leq P_{G1} \times f_1 \times f_2$?	无冷却风扇/without Cooling Fan
---	---------------------------

NO

YES

$P_a \leq P_{G2} \times f_1 \times f_2$?	带冷却风扇/with Cooling Fan
---	------------------------

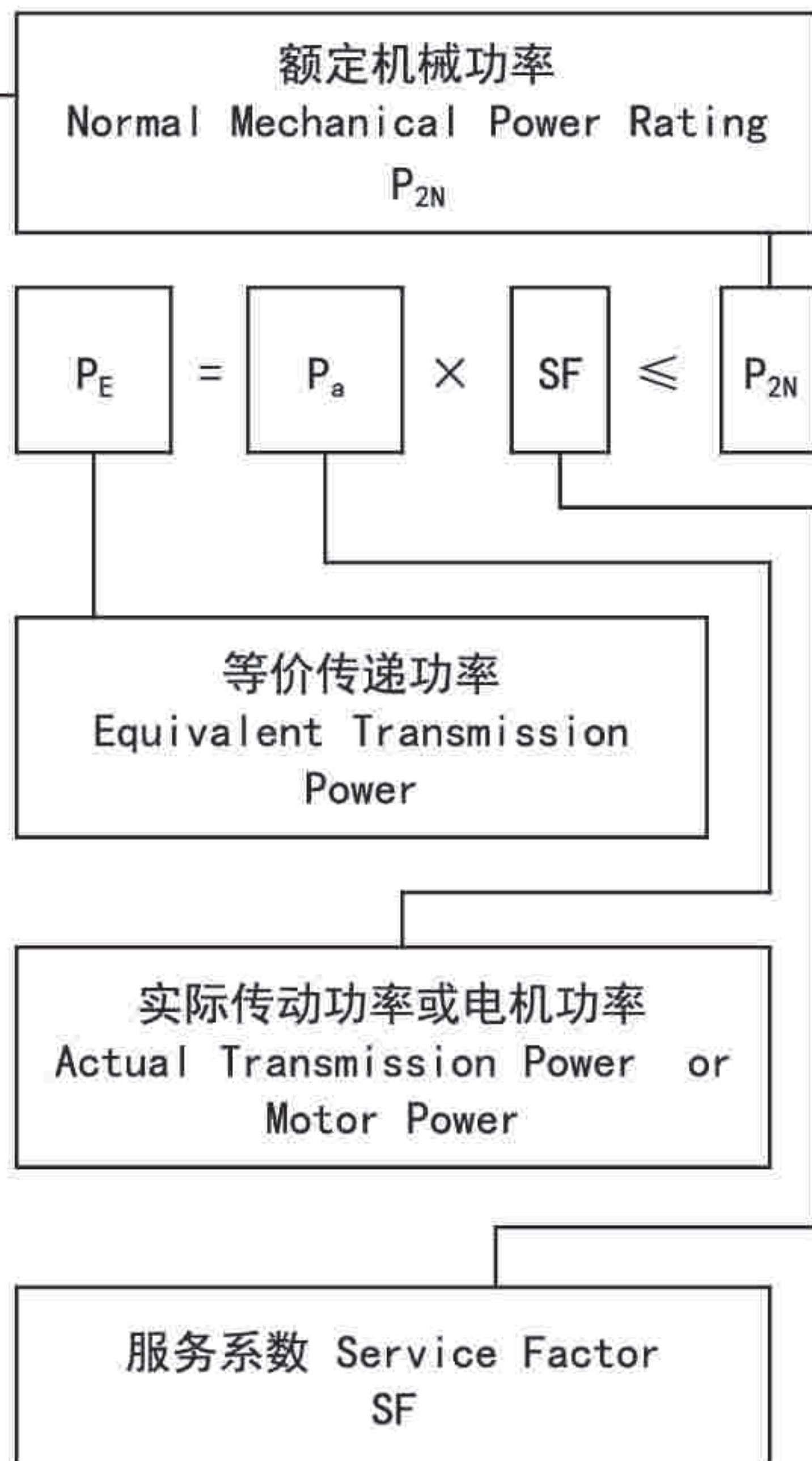
NO

YES

请咨询/On Request

校核径向力/Check Radial Forces

见 B-39 页/See Page B-39



选型示例

Selection Example

①	②	③	④	⑤		⑥	⑦	⑧		
K	P	3	S	H	105	—	RL	F	—	31.5

□: 使用条件

■选择结果

□ 环境条件

室内, 0-40°C

■ 确认环境条件

→OK

□ 电机功率

$P_a=75KW$

□ 输入转速

$n=1500min^{-1}$

□ 轴形式和安装方向

平行轴卧式安装

负荷条件

□ 应用及运转时间

皮带机 24小时/天

■ 确认服务系数SF

→SF=1.4

■ 计算等价传递功率

→
 $P_E=P_a \times SF=75 \times 1.4=105KW$

□ 输出转速

$47min^{-1}$

■ 减速比=输入轴转速/
输出轴转速

→ $1500/47=31.9$

选择最接近的减速比

31.9→31.5

■ 确认型号

→型号105, 公称减速比
31.5的

额定机械功率 $P_{2N}=109KW$

$P_E \leq P_{2N} \rightarrow OK$

■ 确认尺寸图

■ 确认低速轴种类

→实心轴

■ 确认轴布置

→RL

□ 环境温度

0-40°C

■ 温度修正系数 f_1

→ $f_1=0.75$

■ 确认 P_G

→无风扇 $P_{G1}=75.3KW$

$P_G=P_{G1} \times f_1=56.5 < 75=P_a$

→否

→有风扇 $P_{G2}=135KW$

$P_G=P_{G1} \times f_1=101.3 > 75=P_a$

→是

■ 确认型号

KP3SH105-RLF-31.5

检查附加的径向力

□ 与工作机的联接

联轴器

→无附加的径向力

■ 选型完成

→KP3SH105-RLF-31.5

□: Conditions

■Selected item

□ Ambient Condition

Indoor, Ambient temperature 0-40°C

■ Check ambient condition

→OK

□ Motor power

$P_a=75KW$

□ Input speed

$n=1500min^{-1}$

□ Shaft and mounting positions

Parallel, Horizontal Mounting

Load Condition

□ Application and Operating hours

Conveyor, 24hours/day

■ Determine service factor SF

→SF=1.4

■ Calculate equivalent transmission power

→ $P_E=P_a \times SF=75 \times 1.4=105KW$

□ Output speed

$47min^{-1}$

■ Ratio=Input speed/Output speed

→ $1500/47=31.9$

Select nominal reduction ratio

31.9→31.5

■ Determine size

→Size 105, Nominal reduction 31.5

Normal mechanical power rating
 $P_{2N}=109KW$

$P_E \leq P_{2N} \rightarrow OK$

■ Check dimension

■ Check Type of LSS

→Solid shaft

■ Check shaft Arrangement

→RL

□ Ambient temperature

0-40°C

■ Temperature correction factor
 f_1

→ $f_1=0.75$

■ Check P_G

→without cooling fan $P_{G1}=75.3KW$

$P_G=P_{G1} \times f_1=56.5 < 75=P_a \rightarrow NO$

→with cooling fan $P_{G2}=135KW$

$P_G=P_{G1} \times f_1=101.3 > 75=P_a \rightarrow YES$

■ Select model

KP3SH105-RLF-31.5

Check additional radial forces

□ Connection with driven machine

Coupling

→No additional radial forces

■ Model selected

→KP3SH105-RLF-31.5

齿轮箱 服务系数

Gear units Service Factor

服务系数 SF / Service Factor SF									
应用 Application		运行时间 (小时/天) Operating Hours			应用 Application		运行时间 (小时/天) Operating Hours		
		3	10	24			3	10	24
输送机械	Conveyors				斗轮式挖掘机	Bucket wheel excavators			
斗式输送机	Bucket conveyors	—	1.40	1.50	用于料堆捡拾	as pick-up	—	1.70	1.70
绞车	Hauling winches	1.40	1.60	1.60	用于原生岩土	for primitive	—	2.20	2.20
卷扬机	Hoists	—	1.50	1.80	如铁矿石等	material			
皮带输送机	Belt conveyors	1.10	1.30	1.40	弯板机	Plate bending machines	—	1.00	1.00
货用电梯	Goods lifts	—	1.20	1.50					
客用电梯	Passenger lifts	—	1.50	1.80	化学工业	Chemical industry			
刮板式输送机	Apron conveyors	—	1.20	1.50	调浆机	Dough mills	—	1.80	1.80
轨道行走机构	Rail travelling gears	—	1.50	—	橡胶研光机	Rubber calenders	—	1.50	1.50
					冷却圆筒	Rubber calenders	—	1.30	1.40
起重机械	Cranes				混匀机, 用于	Mixers for			
俯仰机构行走机构	Luffing gears Travelling gears	1.0	1.1	1.4	均匀介质	uniform media	1.00	1.30	14.00
起升机构	Hoisting gears	1.00	1.10	1.40	非均匀介质	non-uniform media	1.40	1.60	1.70
转臂式起重机	Denicking jib cranes	1.00	1.20	1.60	金属加工设备	Metal working mills			
污水处理	Waste water treatment				翻板机	Plate tilters	1.00	1.00	1.20
浓缩器 (中心传动)	Thickeners (central drive)	—	—	1.20	推钢机	Ingot pushers	1.00	1.20	1.20
压滤机	Filter presses	1.00	1.30	1.50	绕线机	Winding machines	—	1.60	1.60
絮凝机	Flocculation apparata	0.80	1.00	1.30	冷床横移架	bed transfer frames	—	1.50	1.50
搂集设备	Raking equipment	1.00	1.20	1.30	辊式矫直机	Roller straighteners	—	1.60	1.60
纵向、回转组合式	Combined longitudinal and	1.00	1.30	1.50	轨道	Roller tables			
搂集装置					连续式	continuous	—	1.50	1.50
预浓缩器	Pre-thickeners	—	1.10	1.30	间歇式	intermittent	—	2.00	2.00
螺杆泵	Screw pumps	—	1.30	1.50	可逆式轧管机	Reversing tube mills	—	1.80	1.80
水轮机	Water turbines	—	—	2.00	剪切机	Shears			
泵	Pumps				连续式	continuous	—	1.50	1.50
离心泵	Centrifugal pumps	1.00	1.20	1.30	曲柄式	crank type	1.00	1.00	1.00
容积式泵	Positive-displacement pumps				连铸机驱动装置	Continuous casting	—	1.40	1.40
1 个活塞	1 piston	1.30	1.40	1.80	搅拌机、混合器	AGITATORS AND MIXERS			
>1 个活塞	>1 piston	1.20	1.40	1.50	液体	Pure liquids	1.00	1.00	1.25
挖泥机	Dredgers				液体和固体	Liquids and solids	1.00	1.25	1.50
斗式输送机	Bucket conveyors Dumping	—	1.60	1.60	液体—浓度有变化	Liquids variable density	1.00	1.25	1.50
倾卸装置	devices	—	1.30	1.50	其他工业	Other			
履带式行走机构	Caterpillar travelling gears	1.20	1.60	1.80	混凝土搅拌机	Concrete mixers	—	1.50	1.50
					破碎机	Breakers	—	1.20	1.40
索道缆车	Cableways				回转窑	Rotary kilns	—	—	2.00
运货索道	Material ropeways	—	1.30	1.40	管式磨机	Tube mills	—	—	2.00
往复式空中索道	To-and-fro system aerial ropeways	—	1.60	1.80					
拖牵式索道	T-bar lifts	—	1.30	1.40					
循环式索道	Continuous ropeways	—	1.40	1.60					

齿轮箱 选型表 KP1 速比 1.25-2.5

i _N	n ₁	n ₂	额定机械功率 P _{2N} (kW) / Mechanical Power Rating P _{2N} (kW)														
			101	102	103	104	105	106	107	108	109	110	111	112	113	114	115
1.25	1800	1440	437		1206		2291 *		3724 *								
	1500	1200	364		1005		1909		3103								
	1200	960	291		804		1527		2482								
	1000	800	242		670		1273		2069								
1.4	1800	1286	417		1104		2141 *		3447 *								
	1500	1071	347		919		1783		2870								
	1200	857	278		735		1426		2297								
	1000	714	231		613		1188		1913								
1.6	1800	1125	388		1013		1920 *		3192 *								
	1500	938	324		844		1600		2661		4518						
	1200	750	259		675		1280		2128		3612						
	1000	625	215		562		1066		1773		3010		4410				
1.8	1800	1000	282		921		1821 *		2931 *		4984 *						
	1500	833	235		767		1517		2442		4151						
	1200	667	188		614		1215		1955		3324		4951 *				
	1000	556	157		512		1013		1630		2771		4127				
2	1800	900	263		885		1677 *		2704 *		4627 *						
	1500	750	219		738		1397		2253		3856						
	1200	600	175		590		1118		1803		3084		4580 *				
	1000	500	146		492		931		1502		2570		3816				
2.24	1800	804	235		808		1498 *		2416 *		4259 *						
	1500	670	196		673		1248		2013		3549						
	1200	536	157		538		999		1610		2839		4220 *				
	1000	446	130		448		831		1340		2363		3511				
2.5	1800	720	218		723		1341 *		2163 *		3814 *						
	1500	600	182		603		1118		1803		3179		4837 *				
	1200	480	145		482		894		1442		2543		3870 *				
	1000	400	121		402		745		1202		2119		3225		4900		

i _N	n ₁		额定热功率 P ₀ (kW) / Thermal Power Rating P ₀ (kW)														
			101	102	103	104	105	106	107	108	109	110	111	112	113	114	115
1.25	1800	P ₀₁	*		*		*		*								
		P ₀₂	210		295		*		*								
	1500	P ₀₁	*		*		*		*								
		P ₀₂	210		372		408		*								
	1200	P ₀₁	*		*		*		*								
		P ₀₂	201		397		480		446								
	1000	P ₀₁	63.2		*		*		*								
		P ₀₂	187		402		517		536								
1.4	1800	P ₀₁	*		*		*		*								
		P ₀₂	214		327		300		*								
	1500	P ₀₁	*		*		*		*								
		P ₀₂	212		392		447		375								
	1200	P ₀₁	*		*		*		*								
		P ₀₂	201		410		507		501								
	1000	P ₀₁	65.4		*		*		*								
		P ₀₂	186		409		534		578								
1.6	1800	P ₀₁	*		*		*		*		*		*				
		P ₀₂	219		379		397		*		*		*				
	1500	P ₀₁	*		*		*		*		*		*				
		P ₀₂	213		420		500		495		*		*				
	1200	P ₀₁	57		*		*		*		*		*				
		P ₀₂	200		424		533		584		528		*				
	1000	P ₀₁	68.6		*		*		*		*		*				
		P ₀₂	183		412		540		630		729		510				
1.8	1800	P ₀₁	*		*		*		*		*		*				
		P ₀₂	252		411		480		420		*		*				
	1500	P ₀₁	*		*		*		*		*		*				
		P ₀₂	241		435		554		575		*		*				
	1200	P ₀₁	69.1		*		*		*		*		*				
		P ₀₂	225		429		570		633		670		*				
	1000	P ₀₁	79.9		*		*		*		*		*				
		P ₀₂	205		410		561		655		821		674				
2	1800	P ₀₁	*		*		*		*		*		*		*		*
		P ₀₂	245		409		491		454		*		*		*		*
	1500	P ₀₁	*		*		*		*		*		*		*		*
		P ₀₂	234		427		553		590		509		*		*		*
	1200	P ₀₁	68.7		*		*		*		*		*		*		*
		P ₀₂	218		418		562		638		718		*		*		*
	1000	P ₀₁	78.5		104		*		*		*		*		*		*
		P ₀₂	197		397		549		651		852		757		*		*
2.24	1800	P ₀₁	*		*		*		*		*		*		*		*
		P ₀₂	240		414		504		519		*		*		*		*
	1500	P ₀₁	*		*		*		*		*		*		*		*
		P ₀₂	227		422		544		620		631		*		*		*
	1200	P ₀₁	69.9		*		*		*		*		*		*		*
		P ₀₂	210		408		541		647		792		625		*		*
	1000	P ₀₁	78		109		*		*		*		*		*		*
		P ₀₂	189		382		520		645		887		851		523		*
2.5	1800	P ₀₁	*		*		*		*		*		*		*		*
		P ₀₂	224		402		496		532		*		*		*		*
	1500	P ₀₁	*		*		*		*		*		*		*		*
		P ₀₂	211		405		525		614		676		*		*		*
	1200	P ₀₁	66		*		*		*		*		*		*		*
		P ₀₂	195		389		518		631		810		691		*		*
	1000	P ₀₁	72.8		108		*		*		*		*		*		*
		P ₀₂	175		362		494		621		884		888		621		*

Gear Units Selection KP1 Ratio 1.25-2.5

额定机械功率 P_{2N} (kW) / Mechanical Power Rating P_{2N} (kW)									n_2	n_1	i_N
116	117	118	119	120	121	122	123	124			
									1440	1800	1.25
									1200	1500	
									960	1200	
									800	1000	
									1286	1800	1.4
									1071	1500	
									857	1200	
									714	1000	
									1125	1800	1.6
									938	1500	
									750	1200	
									625	1000	
									1000	1800	1.8
									833	1500	
									667	1200	
									556	1000	
									900	1800	2
									750	1500	
									600	1200	
									500	1000	
									804	1800	2.24
									670	1500	
									536	1200	
									446	1000	
									720	1800	2.5
									600	1500	
									480	1200	
									400	1000	

额定热功率 P_G (kW) / Thermal Power Rating P_G (kW)										n_1	i_N
116	117	118	119	120	121	122	123	124			
									P_{01}	1800	1.25
									P_{02}		
									P_{01}	1500	
									P_{02}		
									P_{01}	1200	
									P_{02}		
									P_{01}	1000	1.4
									P_{02}		
									P_{01}	1800	
									P_{02}		
									P_{01}	1500	
									P_{02}		
									P_{01}	1200	1.6
									P_{02}		
									P_{01}	1500	
									P_{02}		
									P_{01}	1200	
									P_{02}		
									P_{01}	1000	1.8
									P_{02}		
									P_{01}	1800	
									P_{02}		
									P_{01}	1500	
									P_{02}		
									P_{01}	1200	2
									P_{02}		
									P_{01}	1000	
									P_{02}		
									P_{01}	1800	
									P_{02}		
									P_{01}	1500	2.24
									P_{02}		
									P_{01}	1200	
									P_{02}		
									P_{01}	1000	
									P_{02}		
									P_{01}	1800	2.5
									P_{02}		
									P_{01}	1500	
									P_{02}		
									P_{01}	1200	
									P_{02}		
	*								P_{01}	1000	
	*								P_{02}		
	*								P_{01}	1800	
	*								P_{02}		
	*								P_{01}	1500	
	*								P_{02}		
	*								P_{01}	1200	2
	*								P_{02}		
	*								P_{01}	1000	
	*								P_{02}		
	*								P_{01}	1800	
	*								P_{02}		
	*								P_{01}	1500	2.24
	*								P_{02}		
	*								P_{01}	1200	
	*								P_{02}		
	*								P_{01}	1000	
	*								P_{02}		
	*								P_{01}	1800	2.5
	*								P_{02}		
	*								P_{01}	1500	
	*								P_{02}		
	*								P_{01}	1200	
	*								P_{02}		
	*								P_{01}	1000	
	*								P_{02}		
	*								P_{01}	1800	
	*								P_{02}		
	*								P_{01}	1500	
	*								P_{02}		
	*								P_{01}	1200	2.5
	*								P_{02}		
	*								P_{01}	1000	
	*								P_{02}		
	*								P_{01}	1800	
	*								P_{02}		

注意/NOTES

卧式安装齿轮箱应采用强制润滑
Forced lubrication required on horizontal gear units

*

 敬请咨询/On request

P_{01} (kW) 齿轮箱不带辅助冷却装置 **)
Gear units without auxiliary cooling **)

P_{02} (kW) 齿轮箱带冷却风扇 **)
Gear units with fan **)

**) 表中数值按
Values refer to : 每小时工作周
期: 100% 在室内大空间 安装
Operating cycle: 100 %
Installation in a large hall 海拔
高度至 1000m
Altitude up to 1000 m

温度修正系数 Temperature correction factor	
环境温度 Ambient	f_t
20°C	1.00
30°C	0.88
40°C	0.75
50°C	0.63

注: 立式安装请咨询。
Note: Vertical Mounting, on request.

齿轮箱 选型表 KP1 速比 2.8-5.6

i _N	n ₁	n ₂	额定机械功率 P _{2N} (kW) / Mechanical Power Rating P _{2N} (kW)														
			101	102	103	104	105	106	107	108	109	110	111	112	113	114	115
2.8	1800	643	208		646		1151 *		1831 *		3406 *						
	1500	536	173		538		959		1526		2839		4321 *				
	1200	429	139		431		768		1221		2273		3458 *				
	1000	357	115		358		639		1016		1891		2878		4485		
3.15	1800	571	185		573		1040		1680		2875 *		4370 *				
	1500	476	154		478		867		1400		2397		3643				
	1200	381	123		382		694		1121		1918		2916		4947 *		
	1000	317	102		318		577		932		1596		2426		4116		
3.55	1800	507	169		504		944		1518		2665 *		3949 *				
	1500	423	141		420		788		1266		2223		3295				
	1200	338	113		336		629		1012		1776		2633		4459 *		
	1000	282	94		280		525		844		1482		2196		3720		
4	1800	450	150		452		838		1352		2384 *		3567 *				
	1500	375	125		376		698		1126		1986		2972				
	1200	300	100		301		559		901		1589		2378		4083 *		
	1000	250	83		251		465		751		1324		1981		3403		4528
4.5	1800	400	104		322		661		1030		1926		2580 *		4565 *		
	1500	333	87		268		550		857		1603		2147		3800		
	1200	267	69		215		441		687		1286		1722		3047		4081 *
	1000	222	58		178		367		571		1069		1431		2533		3393
5	1800	360	90		271		520		885		1458		2197 *		3581 *		4674 *
	1500	300	75		226		433		738		1215		1831		2984		3895 *
	1200	240	60		180		346		590		972		1465		2387		3116 *
	1000	200	50		150		289		492		810		1220		1989		2596
5.6	1800	321	77		231		440		675		1226		1862 *		3038 *		3966 *
	1500	268	64		193		367		564		1024		1554		2536		3311 *
	1200	214	51		154		293		450		817		1241		2025		2644
	1000	179	43		129		245		376		684		1038		1694		2211

i _N	n ₁		额定热功率 P ₀ (kW) / Thermal Power Rating P ₀ (kW)														
			101	102	103	104	105	106	107	108	109	110	111	112	113	114	115
2.8	1800	P ₀₁	*		*		*		*		*		*		*		*
		P ₀₂	212		386		531		589		*		*		*		*
	1500	P ₀₁	50		*		*		*		*		*		*		*
		P ₀₂	199		384		553		658		705		*		*		*
	1200	P ₀₁	63.7		*		*		*		*		*		*		*
		P ₀₂	183		366		540		667		812		738		*		*
	1000	P ₀₁	69.6		105		133		*		*		*		*		*
		P ₀₂	164		340		511		649		865		902		707		500
3.15	1800	P ₀₁	52.3		*		*		*		*		*		*		*
		P ₀₂	217		438		726		832		967		808		*		*
	1500	P ₀₁	63.8		*		*		*		*		*		*		*
		P ₀₂	200		415		702		828		1055		1033		816		*
	1200	P ₀₁	70.1		113		159		*		*		*		*		*
		P ₀₂	181		385		658		789		1055		1109		1024		860
	1000	P ₀₁	73		127		189		217		*		*		*		*
		P ₀₂	161		348		601		731		1019		1128		1146		1040
3.55	1800	P ₀₁	50		*		*		*		*		*		*		*
		P ₀₂	199		431		675		788		930		824		*		*
	1500	P ₀₁	59.8		*		*		*		*		*		*		*
		P ₀₂	183		407		649		778		998		1014		860		678
	1200	P ₀₁	65		114		153		*		*		*		*		*
		P ₀₂	166		376		607		738		990		1072		1040		934
	1000	P ₀₁	67.6		127		178		209		*		*		*		*
		P ₀₂	147		340		553		682		949		1078		1140		1096
4	1800	P ₀₁	48.7		*		*		*		*		*		*		*
		P ₀₂	181		398		620		695		926		878		627		*
	1500	P ₀₁	56.2		85.1		*		*		*		*		*		*
		P ₀₂	166		374		591		677		964		1012		938		821
	1200	P ₀₁	60		108		147		156		*		*		*		*
		P ₀₂	151		344		549		637		942		1040		1065		1018
	1000	P ₀₁	61.9		118		167		189		235		*		*		*
		P ₀₂	134		309		498		585		891		1024		1124		1132
4.5	1800	P ₀₁	61		*		*		*		*		*		*		*
		P ₀₂	198		419		653		837		1005		1142		1081		925
	1500	P ₀₁	66.4		106		135		*		*		*		*		*
		P ₀₂	180		389		611		795		994		1193		1261		1192
	1200	P ₀₁	68.4		121		169		211		*		*		*		*
		P ₀₂	163		355		562		737		944		1168		1303		1283
	1000	P ₀₁	69.7		129		183		238		267		304		*		*
		P ₀₂	144		316		504		667		872		1107		1289		1307
5	1800	P ₀₁	59.4		92.5		*		*		*		*		*		*
		P ₀₂	182		406		646		788		1059		1230		1310		1393
	1500	P ₀₁	62.5		111		151		169		*		*		*		*
		P ₀₂	165		373		599		738		1020		1227		1395		1560
	1200	P ₀₁	63.2		121		174		211		248		*		*		*
		P ₀₂	149		339		547		678		953		1171		1378		1581
	1000	P ₀₁	63.9		125		184		228		290		340		*		*
		P ₀₂	131		301		488		608		869		1087		1317		1541
5.6	1800	P ₀₁	53.2		82.3		*		*		*		*		*		*
		P ₀₂	161		358		577		752		1004		1107		1189		1280
	1500	P ₀₁	56		98.8		136		163		*		*		*		*
		P ₀₂	146		330		535		704		967		1104		1266		1433
	1200	P ₀₁	56.6		107		157		202		237		*		*		*
		P ₀₂	132		299		488		647		903		1054		1251		1453
	1000	P ₀₁	57.2		111		166		220		277		311		*		*
		P ₀₂	116		266		435		581		823		978		1195		1416

Gear Units Selection KP1 Ratio 2.8-5.6

额定机械功率 P_{2N} (kW) / Mechanical Power Rating P_{2N} (kW)									n_2	n_1	i_N
116	117	118	119	120	121	122	123	124			
									643	1800	2.8
									536	1500	
									429	1200	
									357	1000	
									571	1800	3.15
									476	1500	
									381	1200	
									317	1000	
									507	1800	3.55
									423	1500	
									338	1200	
									282	1000	
									450	1800	4
									375	1500	
									300	1200	
									250	1000	
									400	1800	4.5
									333	1500	
									267	1200	
									222	1000	
									360	1800	5
									300	1500	
									240	1200	
									200	1000	
	4372 *								321	1800	5.6
	3643								268	1500	
									214	1200	
									179	1000	
	4209 *										
	3361 *										
	2811										

额定热功率 P_d (kW) / Thermal Power Rating P_d (kW)									n_2	n_1	i_N
116	117	118	119	120	121	122	123	124			
	*								P_{d1}	1800	2.8
	*								P_{d2}	1500	
	*								P_{d1}	1200	
	*								P_{d2}	1000	
	*								P_{d1}	1800	3.15
	*								P_{d2}	1500	
	*								P_{d1}	1200	
	*								P_{d2}	1000	
	*								P_{d1}	1800	3.55
	*								P_{d2}	1500	
	*								P_{d1}	1200	
	*								P_{d2}	1000	
	*								P_{d1}	1800	4
	*								P_{d2}	1500	
	623								P_{d1}	1200	
	873								P_{d2}	1000	
	*								P_{d1}	1800	4.5
	1032								P_{d2}	1500	
	722								P_{d1}	1200	
	*								P_{d2}	1000	
	1069								P_{d1}	1800	5
	*								P_{d2}	1500	
	1210								P_{d1}	1200	
	*								P_{d2}	1000	
	1274								P_{d1}	1800	5.6
	*								P_{d2}	1500	
	1281								P_{d1}	1200	
	1526								P_{d2}	1000	
	*								P_{d1}	1800	5.6
	1592								P_{d2}	1500	
	*								P_{d1}	1200	
	1585								P_{d2}	1000	
	*								P_{d1}	1800	5.6
	1346								P_{d2}	1500	
	*								P_{d1}	1200	
	1604								P_{d2}	1000	
	*								P_{d1}	1800	5.6
	1672								P_{d2}	1500	
	*								P_{d1}	1200	
	1665								P_{d2}	1000	

注意/NOTES

 卧式安装齿轮箱应采用强制润滑
Forced lubrication required on horizontal gear units

 敬请咨询/On request

P_{d1} (kW) 齿轮箱不带辅助冷却装置 **)
Gear units without auxiliary cooling **)

P_{d2} (kW) 齿轮箱带冷却风扇 **)
Gear units with fan **)

**)
表中数值按
Values refer to : 每小时工作周
期: 100% 在室内大空间 安装
Operating cycle: 100 %
Installation in a large hall 海拔
高度至 1000m
Altitude up to 1000 m

**温度修正系数
Temperature correction factor**

环境温度 Ambient	f_t
20°C	1.00
30°C	0.88
40°C	0.75
50°C	0.63

注: 立式安装请咨询。
Note: Vertical Mounting, on request.

齿轮箱 选型表 KP2 速比 6.3-12.5

i _N	n ₁	n ₂	额定机械功率 P _{2N} (kW) / Mechanical Power Rating P _{2N} (kW)														
			101	102	103	104	105	106	107	108	109	110	111	112	113	114	115
6.3	1800	286		188	320		607		1009		1775		2575		4282 *		
	1500	238		157	266		505		839		1477		2143		3563		4859
	1200	190		125	212		403		670		1179		1710		2845		3879
	1000	159		104	178		337		561		987		1431		2380		3246
7.1	1800	254		172	297		539		896		1577		2287		3803 *	4255 *	
	1500	211		143	247		448		744		1310		1900		3159	3535	4308
	1200	169		115	198		359		596		1049		1521		2530	2831	3450
	1000	141		95	165		299		497		875		1269		2111	2362	2879
8	1800	225		157	263	318	478	603	793	994	1397	1738	2026	2520	3369 *	3769 *	4594 *
	1500	188		131	220	265	399	503	663	830	1167	1452	1692	2106	2815	3149	3838
	1200	150		105	175	212	318	402	529	662	931	1159	1350	1680	2246	2513	3062
	1000	125		87	146	176	265	335	441	552	776	965	1125	1400	1871	2094	2552
9	1800	200		140	234	301	425	536	705	883	1241	1545	1801	2240	2994 *	3350 *	4083 *
	1500	167		117	195	251	354	447	589	737	1036	1290	1503	1871	2500	2797	3409
	1200	133		93	155	200	282	356	469	587	825	1027	1197	1490	1991	2228	2715
	1000	111		77	130	167	235	297	391	490	689	857	999	1243	1662	1859	2266
10	1800	180		118	197	271	382	482	635	795	1117	1390	1620	2016	2695 *	3015 *	3675 *
	1500	150		98	164	226	318	402	529	662	931	1159	1350	1680	2246	2513	3062
	1200	120		79	131	180	255	321	423	530	745	927	1080	1344	1796	2010	2450
	1000	100		65	109	150	212	268	352	441	620	772	900	1120	1497	1675	2041
11.2	1800	161		106	178	242	342	431	568	711	999	1244	1449	1803	2410 *	2697 *	3287 *
	1500	134		88	148	202	284	359	472	592	832	1035	1206	1501	2006	2245	2736
	1200	107		70	118	161	227	286	377	472	664	826	963	1198	1602	1792	2184
	1000	89		58	98	134	189	238	314	393	552	687	801	997	1332	1491	1817
12.5	1800	144		101	168	203	304	386	508	636	894	1112	1296	1613	2156 *	2412 *	2940 *
	1500	120		84	140	169	253	321	423	530	745	927	1080	1344	1796	2010	2450
	1200	96		67	112	135	203	257	338	424	596	741	864	1075	1437	1608	1960
	1000	80		56	93	113	169	214	282	353	496	618	720	896	1197	1340	1633

i _N	n ₁		额定热功率 P ₀ (kW) / Thermal Power Rating P ₀ (kW)														
			101	102	103	104	105	106	107	108	109	110	111	112	113	114	115
6.3	1800	P ₀₁		40.6	*		*		*		*		*		*		*
		P ₀₂		144	181		263		319		366		*		*		*
	1500	P ₀₁		48.5	48.8		*		*		*		*		*		*
		P ₀₂		132	172		256		322		428		442		*		*
	1200	P ₀₁		49.2	54.6		67.4		*		*		*		*		*
		P ₀₂		112	146		220		279		382		415		*		*
	1000	P ₀₁		54.1	66.5		90.3		116		134		*		*		*
		P ₀₂		106	143		221		293		450		579		563		625
7.1	1800	P ₀₁		44.6	*		*		*		*		*		*	*	*
		P ₀₂		150	189		262		325		408		357		*	*	*
	1500	P ₀₁		51.6	53.9		*		*		*		*		*	*	*
		P ₀₂		137	177		252		323		453		493		338	*	*
	1200	P ₀₁		51.8	58.4		70.3		*		*		*		*	*	*
		P ₀₂		116	151		215		278		400		452		344	*	*
	1000	P ₀₁		56.1	69		89.8		117		145		*		*	*	*
		P ₀₂		109	146		214		286		454		588		591	589	683
8	1800	P ₀₁		45.7	*	*	*	*	*	*	*	*	*	*	*	*	*
		P ₀₂		145	188	204	262	287	330	332	441	444	436	453	*	*	*
	1500	P ₀₁		51.4	56.4	59.2	64.9	*	*	*	*	*	*	*	*	*	*
		P ₀₂		132	175	191	249	276	322	328	469	501	537	580	422	390	*
	1200	P ₀₁		50.9	59.5	63.6	72.9	77.3	88	*	*	*	*	*	*	*	*
		P ₀₂		111	149	162	212	236	276	283	410	443	484	526	407	386	*
	1000	P ₀₁		54.4	68.3	74.5	89.1	99	118	120	152	161	*	*	*	*	*
		P ₀₂		104	142	157	208	235	279	290	449	509	591	656	613	620	733
9	1800	P ₀₁		48.3	50.5	54.7	*	*	*	*	*	*	*	*	*	*	*
		P ₀₂		143	189	214	266	293	341	347	481	530	547	595	402	363	*
	1500	P ₀₁		52.4	60.5	67.8	73.2	77.2	86.3	*	*	*	*	*	*	*	*
		P ₀₂		129	174	198	248	275	324	333	484	553	600	666	541	530	584
	1200	P ₀₁		51.1	61.6	69.8	77.5	84.3	97.8	97.3	*	*	*	*	*	*	*
		P ₀₂		109	147	167	210	234	277	285	419	482	529	589	495	490	552
	1000	P ₀₁		53.4	67.9	78.1	89.3	100	120	124	160	182	195	212	*	*	*
		P ₀₂		101	139	159	202	228	272	283	437	520	594	672	635	655	786
10	1800	P ₀₁		48.5	53.7	61	63.7	65.2	*	*	*	*	*	*	*	*	*
		P ₀₂		136	181	214	261	294	342	355	501	577	611	683	526	510	547
	1500	P ₀₁		51.4	61.1	70.9	77.7	84.2	96	95.3	*	*	*	*	*	*	*
		P ₀₂		123	165	196	241	273	320	335	489	577	631	715	612	617	710
	1200	P ₀₁		49.5	60.9	71.3	79.5	88.1	102	104	121	*	*	*	*	*	*
		P ₀₂		103	140	166	204	232	272	285	420	498	549	624	545	554	645
	1000	P ₀₁		51.1	65.4	77.4	88.3	100	119	125	164	193	209	234	200	198	*
		P ₀₂		95.7	131	156	193	222	262	278	424	516	587	673	640	668	812
11.2	1800	P ₀₁		48.3	55.6	64.6	72.1	73.2	79.4	*	*	*	*	*	*	*	*
		P ₀₂		132	177	210	269	290	333	355	533	587	675	733	600	604	679
	1500	P ₀₁		50.4	61.2	72.2	83.4	88	99.9	103	119	*	*	*	*	*	*
		P ₀₂		118	160	191	246	267	309	331	509	572	674	738	648	669	784
	1200	P ₀₁		48.2	60.1	71.4	83.7	89.7	103	108	138	144	*	*	*	*	*
		P ₀₂		100	135	161	208	226	262	281	435	491	582	638	569	591	698
	1000	P ₀₁		49.3	63.4	76	90.7	99	116	124	173	195	226	247	218	222	229
		P ₀₂		91.7	126	151	196	214	249	270	430	495	601	665	632	669	815
12.5	1800	P ₀₁		47.9	57.7	64.6	76.5	76.6	87.5	86.5	*	*	*	*	*	*	*
		P ₀₂		127	174	200	266	282	332	348	543	587	677	756	662	656	786
	1500	P ₀₁		49.5	62.1	70.5	85.6	88.3	104	106	135	*	*	*	*	*	*
		P ₀₂		113	157	181	242	258	305	322	512	562	660	742	685	691	851
	1200	P ₀₁		47.1	60.4	68.9	84.6	88.4	105	109	149	154	167	*	*	*	*
		P ₀₂		95.8	133	153	204	218	258	273	436	480	567	638	596	604	748
	1000	P ₀₁		47.8	63	72.3	90.2	95.6	116	122	178	194	226	252	235	235	260
		P ₀₂		87.6	123	142	191	205	244	259	425	475	572	648	637	656	833

Gear Units Selection KP2 Ratio 6.3-12.5

额定机械功率 P_{2N} (kW) / Mechanical Power Rating P_{2N} (kW)									n_2	n_1	i_N
116	117	118	119	120	121	122	123	124			
									286	1800	6.3
									238	1500	
									190	1200	
	4861								159	1000	7.1
									254	1800	
									211	1500	
4070									169	1200	8
3395	4311	4946							141	1000	
									225	1800	
4527									188	1500	9
3612	4586 *								150	1200	
3010	3821	4384							125	1000	
4816 *									200	1800	10
4021									167	1500	
3203	4066 *	4665 *							133	1200	
2673	3393	3893	4765						111	1000	11.2
4335 *									180	1800	
3612	4586 *								150	1500	
2890	3669 *	4209 *							120	1200	12.5
2408	3057	3507	4293	4795					100	1000	
3877 *	4922 *								161	1800	
3227	4097 *	4700 *							134	1500	12.5
2576	3271 *	3753 *	4593 *						107	1200	
2143	2721	3121	3820	4268					89	1000	
3468 *	4402 *								144	1800	12.5
2890	3669	4209 *							120	1500	
2312	2935	3367 *	4121 *	4603 *					96	1200	
1926	2446	2806	3434	3836	4523				80	1000	

注意/NOTES

 卧式安装齿轮箱应采用强制润滑
Forced lubrication required on horizontal gear units

 敬请咨询/On request

P_{G1} (kW) 齿轮箱不带辅助冷却装置 **)
Gear units without auxiliary cooling **)

P_{G2} (kW) 齿轮箱带冷却风扇 **)
Gear units with fan **)

**): 表中数值按
Values refer to : 每小时工作周期: 100% 在室内大空间 安装
Operating cycle: 100 % Installation in a large hall 海拔高度至 1000m
Altitude up to 1000 m

额定热功率 P ₀ (kW) / Thermal Power Rating P ₀ (kW)										n ₁	i _N
116	117	118	119	120	121	122	123	124			
	*		*		*		*		P _{G1}	1800	6.3
	*		*		*		*		P _{G2}		
	*		*		*		*		P _{H1}	1500	
	*		*		*		*		P _{G2}		
	*		*		*		*		P _{H1}	1200	
	*		*		*		*		P _{G2}		
	*		*		*		*		P _{H1}	1000	
	*		*		*		*		P _{G2}		
*	*	*	*	*	*	*	*	*	P _{G1}	1800	
*	*	*	*	*	*	*	*	*	P _{G2}		
*	*	*	*	*	*	*	*	*	P _{H1}	1500	
*	*	*	*	*	*	*	*	*	P _{G2}		
*	*	*	*	*	*	*	*	*	P _{H1}	1200	
*	*	*	*	*	*	*	*	*	P _{G2}		
	*	*	*	*	*	*	*	*	P _{H1}	1000	
659	*	*	*	*	*	*	*	*	P _{G2}		
*	*	*	*	*	*	*	*	*	P _{H1}	1800	8
*	*	*	*	*	*	*	*	*	P _{G2}		
*	*	*	*	*	*	*	*	*	P _{H1}	1500	
*	*	*	*	*	*	*	*	*	P _{G2}		
*	*	*	*	*	*	*	*	*	P _{H1}	1200	
*	*	*	*	*	*	*	*	*	P _{G2}		
	*	*	*	*	*	*	*	*	P _{H1}	1000	
719	*	*	*	*	*	*	*	*	P _{G2}		
*	*	*	*	*	*	*	*	*	P _{H1}	1800	
*	*	*	*	*	*	*	*	*	P _{G2}		
*	*	*	*	*	*	*	*	*	P _{H1}	1500	
542	*	*	*	*	*	*	*	*	P _{G2}		
*	*	*	*	*	*	*	*	*	P _{H1}	1200	
523	*	*	*	*	*	*	*	*	P _{G2}		
*	*	*	*	*	*	*	*	*	P _{H1}	1000	
789	*	*	*	*	*	*	*	*	P _{G2}		
*	*	*	*	*	*	*	*	*	P _{H1}	1800	10
495	*	*	*	*	*	*	*	*	P _{G2}		
*	*	*	*	*	*	*	*	*	P _{H1}	1500	
691	*	*	*	*	*	*	*	*	P _{G2}		
*	*	*	*	*	*	*	*	*	P _{H1}	1200	
635	*	*	*	*	*	*	*	*	P _{G2}		
*	*	*	*	*	*	*	*	*	P _{H1}	1000	
830	*	*	*	*	*	*	*	*	P _{G2}		
*	*	*	*	*	*	*	*	*	P _{H1}	1800	
655	*	*	*	*	*	*	*	*	P _{G2}		
*	*	*	*	*	*	*	*	*	P _{H1}	1500	
787	*	*	*	*	*	*	*	*	P _{G2}		
*	*	*	*	*	*	*	*	*	P _{H1}	1200	
705	*	*	*	*	*	*	*	*	P _{G2}		
223	*	*	*	*	*	*	*	*	P _{H1}	1000	
847	*	*	*	*	*	*	*	*	P _{G2}		
*	*	*	*	*	*	*	*	*	P _{H1}	1800	12.5
754	*	*	*	*	*	*	*	*	P _{G2}		
*	*	*	*	*	*	*	*	*	P _{H1}	1500	
840	*	*	*	*	*	*	*	*	P _{G2}		
*	*	*	*	*	*	*	*	*	P _{H1}	1200	
742	*	*	*	*	*	*	*	*	P _{G2}		
250	301	289	*	*	*	*	*	*	P _{H1}	1000	
844	*	*	*	*	*	*	*	*	P _{G2}		

温度修正系数 Temperature correction factor	
环境温度 Ambient	f_1
20°C	1.00
30°C	0.88
40°C	0.75
50°C	0.63

立式安装修正系数 Vertical mounting correction factor f_2	
齿轮箱类型 Gear unit type	KP2.V KP3.V KP4.V
	Size 102-110
供油方式 Oil supply	浸油润滑 Dip lubrication
无冷却风扇 without Fan	0.95
带冷却风扇 with Fan	On Request

注: 型号111以上请咨询。
Note: Size 111 above, on request.

齿轮箱 选型表 KP2 速比 14-28

i _N	n ₁	n ₂	额定机械功率 P _{2N} (kW) / Mechanical Power Rating P _{2N} (kW)														
			101	102	103	104	105	106	107	108	109	110	111	112	113	114	115
14	1800	129		90	151	182	274	345	455	570	801	996	1161	1445	1931 *	2161 *	2634 *
	1500	107		75	125	151	227	286	377	472	664	826	963	1198	1602	1792	2184
	1200	86		60	100	121	182	230	303	380	534	664	774	963	1287	1440	1756
	1000	71		49	83	100	150	190	250	313	440	548	639	795	1063	1189	1449
16	1800	113		79	132	170	240	301	398	499	701	873	1017	1266	1692 *	1893 *	2307 *
	1500	94		65	110	141	199	250	331	415	583	726	846	1053	1407	1574	1919
	1200	75		52	87	113	159	200	264	331	465	579	675	840	1123	1256	1531
	1000	63		44	73	94	133	168	222	278	391	486	567	705	943	1055	1286
18	1800	100		65	109	150	198	268	352	441	620	772	900	1120	1497 *	1675 *	2041 *
	1500	83		54	91	125	165	222	292	366	515	641	747	929	1242	1390	1694
	1200	67		44	73	101	133	179	236	296	416	517	603	750	1003	1122	1368
	1000	56		36	61	84	111	150	197	247	347	432	504	627	838	938	1143
20	1800	90		62	105	135	179	241	317	397	558	695	810	1008	1347 *	1507 *	1837 *
	1500	75		51	87	113	149	201	264	331	465	579	675	840	1123	1256	1531
	1200	60		41	70	90	119	160	211	265	372	463	540	672	898	1005	1225
	1000	50		34	58	75	99	134	176	220	310	386	450	560	748	837	1020
22.4	1800	80		52	91	113	165	201	277	353	488	618		896		1340 *	
	1500	67		44	76	94	138	168	232	296	409	517		750		1122	
	1200	54		35	61	76	111	135	187	238	329	417		605		904	
	1000	45		29	51	63	93	113	155	198	274	347		504		753	
25	1800	72			107		180		318		556		806				
	1500	60			89		150		265		463		672				
	1200	48			71		120		212		370		537				
	1000	40			59		100		176		309		448				
28	1800	64			93		167		278		485						
	1500	54			78		141		235		409						
	1200	43			62		112		187		326						
	1000	36			52		94		156		273						

i _N	n ₁		额定热功率 P ₀ (kW) / Thermal Power Rating P ₀ (kW)														
			101	102	103	104	105	106	107	108	109	110	111	112	113	114	115
14	1800	P ₀₁		46.5	57	65	75	83.7	93.7	92.7	*	*	*	*	*	*	*
		P ₀₂		120	166	193	247	289	326	338	530	618	676	805	686	717	846
	1500	P ₀₁		47.6	60.4	69.5	81.7	93.2	106	108	142	153	*	*	*	*	*
		P ₀₂		108	150	174	224	263	298	310	494	583	647	774	686	726	875
	1200	P ₀₁		45.1	58.2	67.3	79.8	92	106	109	151	169	179	207	*	*	*
		P ₀₂		90.9	126	147	189	222	252	262	420	496	553	663	593	629	761
1000	P ₀₁		45.5	60	69.8	83.8	97.7	114	119	173	202	225	266	240	252	274	
	P ₀₂		82.9	116	135	175	207	236	247	403	483	547	659	614	659	814	
16	1800	P ₀₁		43.5	55.4	66.4	73.6	87.3	94.2	98	116	*	*	*	*	*	*
		P ₀₂		110	155	188	232	283	309	333	507	625	639	792	727	731	872
	1500	P ₀₁		44.1	57.8	69.8	78.6	94.9	104	110	144	169	160	193	*	*	*
		P ₀₂		98.9	140	169	210	257	281	303	469	583	603	751	710	721	873
	1200	P ₀₁		41.7	55.4	67.1	76.1	92.6	102	109	148	179	176	216	185	*	*
		P ₀₂		83.1	118	143	177	216	237	256	397	496	514	640	610	620	754
1000	P ₀₁		41.8	56.6	68.9	79	97	108	117	166	206	212	263	252	254	280	
	P ₀₂		75.7	108	131	163	201	221	240	377	476	501	626	617	634	782	
18	1800	P ₀₁		42.3	54.7	65.2	73.7	84.5	94.5	102	122	142	*	*	*	*	*
		P ₀₂		105	150	180	225	263	295	326	483	606	667	782	722	777	912
	1500	P ₀₁		42.7	56.4	67.6	77.3	89.8	101	111	143	175	181	209	170	*	*
		P ₀₂		94.4	134	162	202	237	266	296	443	560	621	731	690	748	888
	1200	P ₀₁		40.2	53.7	64.5	74.2	86.8	99	109	144	180	191	223	197	207	217
		P ₀₂		79.3	113	136	170	200	225	249	375	474	528	621	590	640	762
1000	P ₀₁		40.1	54.4	65.7	76.1	89.7	103	114	156	200	219	259	248	268	292	
	P ₀₂		72.1	103	124	157	184	208	231	352	450	506	598	583	638	768	
20	1800	P ₀₁		41.8	52.1	62.2	70.2	82	94.4	99.9	125	144	142	157	*	*	*
		P ₀₂		103	140	168	210	246	285	308	469	571	633	722	702	748	918
	1500	P ₀₁		42	53.3	64	73.1	86.3	100	107	142	170	179	202	179	182	*
		P ₀₂		92.1	126	150	188	222	257	278	428	525	586	670	665	712	882
	1200	P ₀₁		39.5	50.6	60.9	69.9	82.9	97.1	104	142	172	185	211	200	208	228
		P ₀₂		77.4	106	126	158	187	217	235	362	444	497	569	567	608	755
1000	P ₀₁		39.3	51.1	61.7	71.3	85.2	100	109	152	189	208	239	242	258	293	
	P ₀₂		70.2	96.8	115	145	172	200	217	339	419	473	543	554	599	751	
22.4	1800	P ₀₁		38.7	48.6	59.6	68	78.5	87.3	94.7	118	135		162		*	
		P ₀₂		95.6	130	161	202	237	265	289	436	533		726		712	
	1500	P ₀₁		38.9	49.7	61.3	70.7	82.4	92.6	101	133	159		206		179	
		P ₀₂		85.2	116	144	181	213	239	261	397	489		673		676	
	1200	P ₀₁		36.5	47.1	58.3	67.5	79.1	89.4	98.6	133	160		214		202	
		P ₀₂		71.5	98	121	152	179	201	220	336	414		571		577	
1000	P ₀₁		36.4	47.5	59	68.7	81.1	92.3	102	142	175		241		248		
	P ₀₂		64.9	89.4	111	139	165	185	203	314	390		544		566		
25	1800	P ₀₁				56.1		73.8		92.5		133		156			
		P ₀₂				150		219		280		513		678			
	1500	P ₀₁				57.6		77.2		98.9		155		195			
		P ₀₂				134		197		252		470		627			
	1200	P ₀₁				54.7		74.1		95.8		156		202			
		P ₀₂				113		166		213		398		532			
1000	P ₀₁				55.3		75.8		99.4		170		227				
	P ₀₂				103		152		196		374		506				
28	1800	P ₀₁				53		72.8		88.5		133					
		P ₀₂				139		212		261		482					
	1500	P ₀₁				54.1		75.5		93.4		150					
		P ₀₂				125		190		235		439					
	1200	P ₀₁				51.2		72		89.9		149					
		P ₀₂				105		160		198		371					
1000	P ₀₁				51.5		73.3		92.5		160						
	P ₀₂				95.8		146		182		347						

Gear Units Selection KP2 Ratio 14-28

额定机械功率 P_{2N} (kW) / Mechanical Power Rating P_{2N} (kW)									n_2	n_1	i_N
116	117	118	119	120	121	122	123	124			
3106 *	3944 *	4525 *							129	1800	14
2576	3271	3753	4593 *						107	1500	
2071	2629	3016	3692 *	4124 *	4862 *				86	1200	
1709	2170	2490	3048	3405	4014	4609			71	1000	
2721 *	3455 *	3963 *	4851 *						113	1800	16
2263	2874	3297	4035 *	4508 *					94	1500	
1806	2293	2630	3219 *	3596 *	4240 *	4869 *			75	1200	
1517	1926	2209	2704	3021	3562	4090			63	1000	
2408 *	3057 *	3507 *	4293 *	4795 *					100	1800	18
1998	2537	2911	3563 *	3980 *	4693 *				83	1500	
1613	2048	2350	2876 *	3213 *	3788 *	4349 *			67	1200	
1348	1712	1964	2404	2685	3166	3635	4573		56	1000	
2167 *	2751 *	3157 *	3863 *	4316 *					90	1800	20
1806	2293	2630	3219 *	3596 *	4240 *	4869 *			75	1500	
1445	1834	2104	2575 *	2877 *	3392 *	3895 *	4900 *		60	1200	
1204	1528	1753	2146	2397	2827	3246	4083	4607	50	1000	
1926 *		2806 *		3836 *					80	1800	22.4
1613		2350		3213 *		4349 *			67	1500	
1300		1894		2589 *		3505 *	4975 *		54	1200	
1083		1578		2158		2921	4146		45	1000	
									72	1800	25
									60	1500	
									48	1200	
									40	1000	
									64	1800	28
									54	1500	
									43	1200	
									36	1000	

注意/NOTES



卧式安装齿轮箱应采用强制润滑
Forced lubrication required on
horizontal gear units



敬请咨询/On request

P_{G1} (kW)

齿轮箱不带辅助冷却装置 **)
Gear units without auxiliary
cooling **)

P_{G2} (kW)

齿轮箱带冷却风扇 **)
Gear units with fan **)

**)

表中数值按
Values refer to : 每小时工作周
期: 100% 在室内大空间 安装
Operating cycle: 100 %
Installation in a large hall 海拔
高度至 1000m
Altitude up to 1000 m

额定热功率 P_0 (kW) / Thermal Power Rating P_0 (kW)									n_1	i_N
116	117	118	119	120	121	122	123	124		
*	*	*	*	*	*	*	*	*	P_{G1}	14
861	*	*	*	*	*	*	*	*	P_{G2}	
*	*	*	*	*	*	*	*	*	P_{G1}	
906	*	*	*	*	*	*	*	*	P_{G2}	
*	*	*	*	*	*	*	*	*	P_{G1}	16
792	*	*	*	*	*	*	*	*	P_{G2}	
281	328	333	*	*	*	*	*	*	P_{G1}	
860	*	*	*	*	*	*	*	*	P_{G2}	
*	*	*	*	*	*	*	*	*	P_{G1}	18
905	*	*	*	*	*	*	*	*	P_{G2}	
*	*	*	*	*	*	*	*	*	P_{G1}	
919	*	*	*	*	*	*	*	*	P_{G2}	
*	*	*	*	*	*	*	*	*	P_{G1}	20
797	*	*	*	*	*	*	*	*	P_{G2}	
292	341	354	336	*	*	*	*	*	P_{G1}	
837	*	*	*	*	*	*	*	*	P_{G2}	
*	*	*	*	*	*	*	*	*	P_{G1}	22.4
934	*	*	*	*	*	*	*	*	P_{G2}	
*	*	*	*	*	*	*	*	*	P_{G1}	
919	*	*	*	*	*	*	*	*	P_{G2}	
*	*	*	*	*	*	*	*	*	P_{G1}	25
790	*	*	*	*	*	*	*	*	P_{G2}	
299	362	368	367	352	*	*	*	*	P_{G1}	
805	*	*	*	*	*	*	*	*	P_{G2}	
*	*	*	*	*	*	*	*	*	P_{G1}	28
944	*	*	*	*	*	*	*	*	P_{G2}	
*	*	*	*	*	*	*	*	*	P_{G1}	
915	*	*	*	*	*	*	*	*	P_{G2}	
230	264	*	*	*	*	*	*	*	P_{G1}	25
785	*	*	*	*	*	*	*	*	P_{G2}	
304	361	378	373	372	*	*	*	*	P_{G1}	
787	*	*	*	*	*	*	*	*	P_{G2}	
*		*		*		*		*	P_{G1}	28
924		*		*		*		*	P_{G2}	
*		*		*		*		*	P_{G1}	
893		*		*		*		*	P_{G2}	
230		267		*		*		*	P_{G1}	25
765		*		*		*		*	P_{G2}	
300		369		362		*		*	P_{G1}	
764		*		*		*		*	P_{G2}	
									P_{G1}	28
									P_{G2}	
									P_{G1}	
									P_{G2}	
									P_{G1}	25
									P_{G2}	
									P_{G1}	
									P_{G2}	
									P_{G1}	28
									P_{G2}	
									P_{G1}	
									P_{G2}	

温度修正系数

Temperature correction factor

环境温度 Ambient	f_t
20°C	1.00
30°C	0.88
40°C	0.75
50°C	0.63

立式安装修正系数

Vertical mounting correction factor

f_z	
齿轮箱类型 Gear unit type	KP2.V KP3.V KP4.V Size 102-110
供油方式 Oil supply	浸油润滑 Dip lubrication
无冷却风扇 without Fan	0.95
带冷却风扇 with Fan	On Request

注: 型号111以上请咨询。
Note: Size 111 above, on request.

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A 概要 Summary

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选型步骤	Selection Procedure	...	A- 2
选型示例	Selection Example	...	A- 3
月服务系数	Service Factor	...	A- 4

B 选型表 Selection

平行轴	Parrallel Shaft	...	B- 1
直交轴	Right Angel Shaft	...	B- 19

C 尺寸图 Dimensions

平行轴-卧式	Parrallel - Horizontal	...	C- 1
直交轴-卧式	Right Angel - Horizontal	...	C- 11
平行轴-立式	Parrallel - Vertical	...	C- 19
直交轴-立式	Right Angel - Vertical	...	C- 25
输出轴	Output Shaft	...	C- 31

D 技术资料 Technical Data

润滑	Lubricant	...	D- 1
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齿轮箱 选型表 KP3 速比 22.4-45

i _N	n ₁	n ₂	额定机械功率 P _{2N} (kW) / Mechanical Power Rating P _{2N} (kW)														
			101	102	103	104	105	106	107	108	109	110	111	112	113	114	115
22.4	1800	80											737		1281		1675
	1500	67											617		1073		1403
	1200	54											497		865		1130
	1000	45											414		720		942
25	1800	72			87		163		269		478		663		1153	1304	1507
	1500	60			72		136		224		398		552		961	1086	1256
	1200	48			58		109		179		319		442		769	869	1005
	1000	40			48		90		149		265		368		640	724	837
28	1800	64			77		145		239		425		589	730	1025	1159	1340
	1500	54			65		122		201		359		497	616	865	978	1130
	1200	43			52		97		160		285		396	490	688	778	900
	1000	36			43		81		134		239		331	410	576	652	753
31.5	1800	57			69	92	129	162	213	261	379	460	525	650	913	1032	1193
	1500	48			58	77	109	136	179	220	319	388	442	547	769	869	1005
	1200	38			46	61	86	108	142	174	252	307	350	433	608	688	795
	1000	32			38	51	72	91	119	146	212	258	294	365	512	579	670
35.5	1800	51			61	82	115	145	190	233	339	412	469	582	817	923	1068
	1500	42			51	68	95	119	157	192	279	339	387	479	672	760	879
	1200	34			41	55	77	96	127	155	226	274	313	388	544	615	712
	1000	28			34	45	63	79	104	128	186	226	258	319	448	507	586
40	1800	45			54	73	102	128	168	206	299	363	414	513	720	815	942
	1500	38			46	61	86	108	142	174	252	307	350	433	608	688	795
	1200	30			36	48	68	85	112	137	199	242	276	342	480	543	628
	1000	25			30	40	56	71	93	114	166	202	230	285	400	452	523
45	1800	40			48	64	90	113	149	183	265	323	368	456	640	724	837
	1500	33			40	53	74	93	123	151	219	266	304	376	528	597	691
	1200	27			32	43	61	76	100	123	179	218	248	308	432	489	565
	1000	22			26	35	49	62	82	100	146	177	202	251	352	398	460

i _N	n ₁		额定热功率 P _a (kW) / Thermal Power Rating P _a (kW)														
			101	102	103	104	105	106	107	108	109	110	111	112	113	114	115
22.4	1800	P _{2H}											141		*		*
		P _{2L}											352		446		416
	1500	P _{2H}											169		193		180
		P _{2L}											346		463		450
	1200	P _{2H}											173		209		206
		P _{2L}											295		393		382
	1000	P _{2H}											196		258		270
		P _{2L}											303		432		440
25	1800	P _{2H}			52.9		75.6		97.7		126		140		*	*	*
		P _{2L}			101		150		201		289		345		439	448	411
	1500	P _{2H}			52.5		76.1		100		138		167		192	193	180
		P _{2L}			92.4		138		187		275		338		453	470	442
	1200	P _{2H}			49.8		72.6		96.6		136		170		207	212	203
		P _{2L}			79.1		118		160		235		288		385	399	375
	1000	P _{2H}			49.9		73.5		99.3		145		191		253	265	263
		P _{2L}			73.4		110		152		230		294		420	443	427
28	1800	P _{2H}			51.6		77.6		99.8		129		148	165	*	*	*
		P _{2L}			97.9		153		202		285		346	392	460	466	439
	1500	P _{2H}			50.9		77.5		101		137		169	191	206	207	198
		P _{2L}			89.4		140		186		268		334	380	463	475	455
	1200	P _{2H}			48.1		73.7		97.1		134		170	193	216	221	215
		P _{2L}			76.5		120		159		229		285	324	394	404	387
	1000	P _{2H}			48		74.2		99		142		186	214	254	264	265
		P _{2L}			70.7		112		150		222		286	327	417	434	425
31.5	1800	P _{2H}			50.9	58.3	76	82.9	100	101	131	149	157	176	179	178	*
		P _{2L}			95.5	109	147	162	199	204	281	327	348	394	475	490	459
	1500	P _{2H}			49.9	57.4	75.3	82.8	100	102	137	159	173	196	217	222	212
		P _{2L}			86.9	99.6	135	148	183	188	263	308	332	377	468	487	463
	1200	P _{2H}			47.1	54.2	71.3	78.6	95.8	98.4	132	156	171	194	222	230	223
		P _{2L}			74.4	85.3	115	127	157	161	225	263	283	322	399	415	394
	1000	P _{2H}			46.7	54	71.4	79.1	96.9	100	138	164	184	211	252	265	263
		P _{2L}			68.5	78.6	107	118	146	151	215	255	279	319	411	432	418
35.5	1800	P _{2H}			49.8	56.9	75.1	85.3	99.2	104	132	152	164	184	194	201	184
		P _{2L}			92.9	105	145	164	195	203	277	322	348	396	477	507	467
	1500	P _{2H}			48.6	55.7	73.9	84.4	98.7	104	135	158	175	198	222	235	221
		P _{2L}			84.3	96.2	132	150	178	186	257	300	328	374	461	493	459
	1200	P _{2H}			45.7	52.5	69.7	79.8	93.6	99	130	153	171	194	222	237	226
		P _{2L}			72.2	82.4	113	128	153	160	220	257	280	320	393	420	391
	1000	P _{2H}			45.2	51.9	69.4	79.7	93.9	99.8	134	159	180	206	244	264	255
		P _{2L}			66.2	75.6	104	119	142	149	208	246	271	311	395	425	401
40	1800	P _{2H}			47.3	55.7	72	82.7	94.9	101	130	151	164	186	199	205	190
		P _{2L}			87.7	102	138	158	186	199	268	315	339	390	469	495	462
	1500	P _{2H}			46.1	54.3	70.6	81.4	93.9	101	132	156	172	197	221	232	221
		P _{2L}			79.5	93.4	125	144	170	182	248	293	318	366	449	476	449
	1200	P _{2H}			43.3	51.1	66.5	76.9	88.9	96.2	126	150	167	192	219	231	223
		P _{2L}			68.1	80	107	123	145	156	212	251	272	313	383	406	383
	1000	P _{2H}			42.7	50.4	66	76.6	88.9	96.5	129	155	174	201	237	253	247
		P _{2L}			62.3	73.3	98.9	113	134	145	199	238	261	302	380	406	387
45	1800	P _{2H}			45.5	53.9	69.7	80.6	92	99.9	131	147	159	183	203	204	196
		P _{2L}			84	99.5	132	154	178	194	268	305	327	379	472	481	464
	1500	P _{2H}			44.2	52.5	68.2	79.2	90.8	99.1	132	151	166	192	223	227	224
		P _{2L}			76.1	90.2	120	140	162	177	247	283	306	355	450	460	448
	1200	P _{2H}			41.5	49.4	64.2	74.7	85.9	93.9	126	145	161	186	220	226	224
		P _{2L}			65.2	77.3	103	120	139	152	212	242	261	303	384	393	382
	1000	P _{2H}			40.8	48.7	63.6	74.3	85.6	94	128	149	167	194	237	245	246
		P _{2L}			59.6	70.7	95	110	128	141	199	229	250	291	378	390	383

Gear Units Selection KP3 Ratio 22.4-45

额定机械功率 P_{2N} (kW) / Mechanical Power Rating P_{2N} (kW)									n_2	n_1	i_N
116	117	118	119	120	121	122	123	124			
	2513 *		3518 *		4691 *				80	1800	22.4
	2104		2946		3928				67	1500	
	1696		2374		3166		4523		54	1200	
	1413		1979		2638		3769		45	1000	
1809	2261 *	2601 *	3166 *	3543 *	5221 *	4825 *			72	1800	25
1507	1884	2167	2638	2952	3518	4020			60	1500	
1206	1507	1734	2110	2362	2814	3215	4020	4523	48	1200	
1005	1256	1445	1759	1968	2345	2680	3350	3769	40	1000	
1608	2010 *	2312 *	2814 *	3149 *	3752 *	4289 *			64	1800	28
1357	1696	1950	2374	2657	3166	3618	4523		54	1500	
1080	1350	1553	1891	2116	2521	2881	3602	4052	43	1200	
904	1130	1300	1583	1771	2110	2412	3015	3392	36	1000	
1432	1790 *	2059 *	2506 *	2805 *	3342 *	3819 *	4774 *		57	1800	31.5
1206	1507	1734	2110	2362	2814	3216	4020	4523	48	1500	
954	1193	1372	1671	1870	2228	2546	3183	3581	38	1200	
804	1005	1156	1407	1574	1876	2144	2680	3015	32	1000	
1281	1602 *	1842 *	2242 *	2509 *	2990 *	3417 *	4272 *	4806 *	51	1800	35.5
1055	1319	1517	1847	2067	2462	2814	3518	3958	42	1500	
854	1068	1228	1495	1673	1993	2278	2848	3204	34	1200	
703	879	1011	1231	1378	1641	1876	2345	2638	28	1000	
1130	1413 *	1625 *	1979 *	2214 *	2638 *	3015 *	3769 *	4240 *	45	1800	40
954	1193	1372	1671	1870	2228	2546	3183	3581	38	1500	
753	942	1083	1319	1476	1759	2010	2513	2827	30	1200	
628	785	903	1099	1230	1465	1675	2094	2356	25	1000	
1005	1256 *	1445 *	1759 *	1968 *	2345 *	2680 *	3350 *	3769 *	40	1800	45
829	1036	1192	1451	1624	1935	2211	2764	3109	33	1500	
678	848	975	1187	1328	1583	1809	2261	2544	27	1200	
552	691	794	967	1082	1290	1474	1842	2073	22	1000	

注意/NOTES

卧式安装齿轮箱应采用强制润滑
Forced lubrication required on horizontal gear units

* 敬请咨询/On request

P_{01} (kW) 齿轮箱不带辅助冷却装置 **)
Gear units without auxiliary cooling **)

P_{02} (kW) 齿轮箱带冷却风扇 **)
Gear units with fan **)

** 表中数值按
Values refer to : 每小时工作周
期: 100% 在室内大空间 安装
Operating cycle: 100 %
Installation in a large hall 海拔
高度至 1000m
Altitude up to 1000 m

额定热功率 P_0 (kW) / Thermal Power Rating P_0 (kW)									n_2	i_N
116	117	118	119	120	121	122	123	124		
	*		*		*		*		P_{01}	22.4
	*		*		*		*		P_{02}	
	*		*		*		*		P_{01}	
	*		*		*		*		P_{02}	
	232		*		*		*		P_{01}	25
	*		*		*		*		P_{02}	
	325		350		*		*		P_{01}	
	*		*		*		*		P_{02}	
*	*	*	*	*	*	*	*	*	P_{01}	28
414	*	*	*	*	*	*	*	*	P_{02}	
*	*	*	*	*	*	*	*	*	P_{01}	
455	*	*	*	*	*	*	*	*	P_{02}	
207	234	235	*	*	*	*	*	*	P_{01}	31.5
386	*	*	*	*	*	*	*	*	P_{02}	
276	323	333	363	343	*	*	*	*	P_{01}	
451	*	*	*	*	*	*	*	*	P_{02}	
*	*	*	*	*	*	*	*	*	P_{01}	35.5
439	*	*	*	*	*	*	*	*	P_{02}	
196	222	*	*	*	*	*	*	*	P_{01}	
464	*	*	*	*	*	*	*	*	P_{02}	
217	252	255	*	*	*	*	*	*	P_{01}	40
394	*	*	*	*	*	*	*	*	P_{02}	
274	326	338	380	370	*	*	*	*	P_{01}	
441	*	*	*	*	*	*	*	*	P_{02}	
*	*	*	*	*	*	*	*	*	P_{01}	45
470	*	*	*	*	*	*	*	*	P_{02}	
216	246	249	*	*	*	*	*	*	P_{01}	
480	*	*	*	*	*	*	*	*	P_{02}	
230	267	274	276	*	*	*	*	*	P_{01}	45
408	*	*	*	*	*	*	*	*	P_{02}	
276	327	341	394	389	*	*	*	*	P_{01}	
440	*	*	*	*	*	*	*	*	P_{02}	
187	208	*	*	*	*	*	*	*	P_{01}	45
493	*	*	*	*	*	*	*	*	P_{02}	
232	268	276	273	*	*	*	*	*	P_{01}	
489	*	*	*	*	*	*	*	*	P_{02}	
239	279	290	311	292	*	*	*	*	P_{01}	45
417	*	*	*	*	*	*	*	*	P_{02}	
274	325	342	404	404	*	*	*	*	P_{01}	
433	*	*	*	*	*	*	*	*	P_{02}	
194	223	227	*	*	*	*	*	*	P_{01}	45
484	*	*	*	*	*	*	*	*	P_{02}	
231	272	283	293	269	*	*	*	*	P_{01}	
474	*	*	*	*	*	*	*	*	P_{02}	
235	279	293	322	310	*	*	*	*	P_{01}	45
404	*	*	*	*	*	*	*	*	P_{02}	
264	317	336	401	407	*	*	*	*	P_{01}	
412	*	*	*	*	*	*	*	*	P_{02}	
194	231	230	*	*	*	*	*	*	P_{01}	45
473	*	*	*	*	*	*	*	*	P_{02}	
227	276	280	297	278	*	*	*	*	P_{01}	
460	*	*	*	*	*	*	*	*	P_{02}	
229	281	287	321	313	*	*	*	*	P_{01}	45
392	*	*	*	*	*	*	*	*	P_{02}	
254	316	326	393	402	*	*	*	*	P_{01}	
397	*	*	*	*	*	*	*	*	P_{02}	

温度修正系数
Temperature correction factor

环境温度 Ambient	f_1
20°C	1.00
30°C	0.88
40°C	0.75
50°C	0.63

立式安装修正系数
Vertical mounting correction factor
 f_2

齿轮箱类型 Gear unit type	KP2.V KP3.V KP4.V
	Size 102-110
供油方式 Oil supply	浸油润滑 Dip lubrication
无冷却风扇 without Fan	0.95
带冷却风扇 with Fan	On Request

注: 型号111以上请咨询。
Note: Size 111 above, on request.

齿轮箱 选型表 KP3 速比 50-100

i _N	n ₁	n ₂	额定机械功率 P _{2N} (kW) / Mechanical Power Rating P _{2N} (kW)														
			101	102	103	104	105	106	107	108	109	110	111	112	113	114	115
50	1800	36			43	58	81	102	134	165	239	291	331	410	576	652	753
	1500	30			36	48	68	85	112	137	199	242	276	342	480	543	628
	1200	24			29	38	54	68	89	110	159	194	221	273	384	434	502
	1000	20			24	32	45	56	74	91	132	161	184	228	320	362	418
56	1800	32			38	51	72	91	119	146	212	258	294	365	512	579	670
	1500	27			32	43	61	76	100	123	179	218	248	308	432	489	565
	1200	21			25	34	47	59	78	96	139	169	193	239	336	380	439
	1000	17.9			21	29	40	50	66	82	119	144	164	204	286	324	374
63	1800	29			35	47	65	82	108	133	192	234	267	330	464	525	607
	1500	24			29	38	54	68	89	110	159	194	221	273	384	434	502
	1200	19			23	30	43	54	71	87	126	153	175	216	304	344	397
	1000	15.9			19	25	36	45	59	72	105	128	146	181	254	288	332
71	1800	25			30	40	56	71	93	114	166	202	230	285	400	452	523
	1500	21			25	34	47	59	78	96	139	169	193	239	336	380	439
	1200	16.9			20	27	38	48	63	77	112	136	155	192	270	306	353
	1000	14.1			17	22	32	40	52	64	93	113	129	160	225	255	295
80	1800	23			27	37	52	65	85	105	152	185	211	262	368	416	481
	1500	18.8			22	30	42	53	70	86	125	151	173	214	301	340	393
	1200	15			18	24	34	42	56	68	99	121	138	171	240	271	314
	1000	12.5			15	20	28	35	46	57	83	101	115	142	200	226	261
90	1800	20			24	32	41	56	72	91	132	161	184	228	320	362	418
	1500	16.7			20	27	34	47	60	76	111	134	153	190	267	302	349
	1200	13.3			16	21	27	37	48	60	88	107	122	151	213	240	278
	1000	11.1			13	18	23	31	40	50	73	89	102	126	177	201	232
100	1800	18				27		51		82		145		205		326	
	1500	15				22		42		68		121		171		271	
	1200	12				18		34		55		97		136		217	
	1000	10				15		28		45		80		114		181	

i _N	n ₁		额定热功率 P _G (kW) / Thermal Power Rating P _G (kW)														
			101	102	103	104	105	106	107	108	109	110	111	112	113	114	115
50	1800	P ₀₁			44.7	51.9	67.3	78.7	92.9	98	135	152	170	193	231	234	228
		P ₀₂			81.7	94.6	126	147	177	186	269	303	332	381	495	512	491
	1500	P ₀₁			43.2	50.1	65.2	76.6	90.6	95.9	134	151	171	195	240	246	242
		P ₀₂			73.8	85.5	114	133	160	169	246	278	306	352	462	479	462
	1200	P ₀₁			40.4	47	61.2	71.9	85.2	90.3	127	144	164	187	232	239	236
		P ₀₂			63.2	73.2	98.2	114	137	145	210	238	262	301	395	410	394
	1000	P ₀₁			39.6	46.1	60.1	70.9	84.2	89.4	127	145	166	190	241	249	248
		P ₀₂			57.5	66.7	89.6	104	126	133	195	222	245	283	378	393	381
56	1800	P ₀₁			42.9	50.4	65	77	90.1	96.2	129	157	171	194	236	252	237
		P ₀₂			77.7	91.1	121	143	169	181	253	307	329	373	487	523	488
	1500	P ₀₁			41.2	48.5	62.7	74.4	87.3	93.4	127	154	170	192	239	256	243
		P ₀₂			70.1	82.2	109	129	153	164	230	280	300	341	449	484	453
	1200	P ₀₁			38.5	45.3	58.7	69.7	81.8	87.7	119	146	161	183	228	245	234
		P ₀₂			60.1	70.4	93.7	110	131	140	197	240	257	292	384	414	387
	1000	P ₀₁			37.6	44.3	57.5	68.4	80.4	86.2	118	145	161	183	232	250	240
		P ₀₂			54.5	63.9	85.2	100	120	128	181	221	238	271	361	390	367
63	1800	P ₀₁			40.8	49	61.5	73.9	86.8	96	126	159	170	198	238	258	243
		P ₀₂			73.4	88	113	135	160	177	242	304	317	372	475	517	479
	1500	P ₀₁			39.1	47	59	71	83.5	92.5	122	154	166	194	235	255	241
		P ₀₂			66.1	79.2	102	122	145	160	219	276	288	338	434	473	439
	1200	P ₀₁			36.4	43.9	55.1	66.4	78	86.5	115	145	156	182	222	242	229
		P ₀₂			56.6	67.9	87.6	105	124	137	188	236	247	289	371	405	375
	1000	P ₀₁			35.5	42.7	53.7	64.7	76.2	84.6	113	143	154	180	222	242	230
		P ₀₂			51.2	61.4	79.4	95.1	112	124	171	216	226	265	343	375	349
71	1800	P ₀₁			40.4	46.6	59.8	70.5	85.1	91.6	124	149	166	193	234	247	237
		P ₀₂			72.6	83.3	109	129	158	170	235	283	308	359	463	490	462
	1500	P ₀₁			38.7	44.6	57.3	67.7	81.8	88.2	120	144	162	188	230	243	234
		P ₀₂			65.3	75	98.9	116	142	153	213	256	279	325	422	447	422
	1200	P ₀₁			36.1	41.6	53.5	63.2	76.4	82.4	112	135	152	177	217	230	222
		P ₀₂			56	64.3	84.8	99.8	122	131	182	219	239	279	361	382	361
	1000	P ₀₁			35.1	40.5	52.1	61.6	74.6	80.5	110	133	150	174	216	229	221
		P ₀₂			50.6	58.1	76.7	90.4	110	119	166	200	219	255	333	353	334
80	1800	P ₀₁			38.4	44	58.5	66	80.8	86.8	118	141	162	183	228	242	230
		P ₀₂			68.8	78.2	107	120	148	159	222	267	300	340	447	476	446
	1500	P ₀₁			36.8	42.1	56	63.3	77.6	83.5	113	136	158	178	223	237	227
		P ₀₂			61.9	70.3	96.6	108	134	143	201	241	272	308	406	434	406
	1200	P ₀₁			34.3	39.2	52.3	59.1	72.4	78	106	128	148	167	210	224	214
		P ₀₂			53	60.3	82.8	92.9	114	123	172	207	233	264	348	371	348
	1000	P ₀₁			33.3	38.2	50.9	57.6	70.6	76.1	104	125	145	165	208	222	213
		P ₀₂			47.9	54.5	74.9	84.1	104	111	156	188	213	241	320	342	321
90	1800	P ₀₁			38	43.6	55.4	64	76.9	85	114	139	152	179	217	236	219
		P ₀₂			67.9	77.6	101	116	141	155	215	260	282	330	422	460	422
	1500	P ₀₁			36.3	41.8	53.1	61.4	73.8	81.6	110	134	148	173	211	231	215
		P ₀₂			61.1	69.8	91.3	104	127	140	194	235	255	298	383	418	384
	1200	P ₀₁			33.9	38.9	49.5	57.2	68.8	76.2	103	125	138	163	199	217	203
		P ₀₂			52.4	59.8	78.3	89.7	109	119	166	201	218	256	328	358	329
	1000	P ₀₁			32.9	37.8	48.1	55.7	67.1	74.3	100	123	136	160	196	215	201
		P ₀₂			47.3	54.1	70.7	81.1	98.8	108	151	183	199	233	301	328	302
100	1800	P ₀₁				41.6		63.2		81.6		133		178		229	
		P ₀₂				73.7		114		148		247		325		440	
	1500	P ₀₁				39.7		60.4		78		128		171		221	
		P ₀₂				66.2		102		133		223		293		397	
	1200	P ₀₁				37		56.3		72.7		119		160		207	
		P ₀₂				56.8		88.1		114		191		251		340	
	1000	P ₀₁				35.9		54.6		70.7		116		156		203	
		P ₀₂				51.2		79.5		103		173		227		310	

Gear Units Selection KP3 Ratio 50-100

额定机械功率 P_{2N} (kW) / Mechanical Power Rating P_{2N} (kW)									n_2	n_1	i_N
116	117	118	119	120	121	122	123	124			
904	1130	1300 *	1583 *	1771 *	2110 *	2412 *	3015 *	3392 *	36	1800	50
753	942	1083	1319	1476	1759	2010	2513	2827	30	1500	
603	753	867	1055	1181	1407	1608	2010	2261	24	1200	
502	628	722	879	984	1172	1340	1675	1884	20	1000	
804	1005	1156	1407 *	1574 *	1876 *	2144 *	2680 *	3015 *	32	1800	56
678	848	975	1187	1328	1583	1809	2261	2544	27	1500	
527	659	758	923	1033	1231	1407	1759	1979	21	1200	
449	562	646	787	880	1049	1199	1499	1686	17.9	1000	
728	910	1047	1275 *	1427 *	1700 *	1943 *	2429 *	2732 *	29	1800	63
603	753	867	1055	1181	1407	1608	2010	2261	24	1500	
477	596	686	835	935	1114	1273	1591	1790	19	1200	
399	499	574	699	782	932	1065	1331	1498	15.9	1000	
628	785	903	1099 *	1230 *	1465 *	1675 *	2094 *	2356 *	25	1800	71
527	659	758	923	1033	1231	1407	1759	1979	21	1500	
424	530	610	743	831	990	1132	1415	1592	16.9	1200	
354	442	509	620	693	826	944	1181	1328	14.1	1000	
578	722	830	1011 *	1131 *	1348 *	1541 *	1926 *	2167 *	23	1800	80
472	590	679	826	925	1102	1259	1574	1771	18.8	1500	
376	471	541	659	738	879	1005	1256	1413	15	1200	
314	392	451	549	615	732	837	1047	1178	12.5	1000	
502	607	722	858 *	984 *	1172 *	1340 *	1675 *	1884 *	20	1800	90
419	507	603	716	821	979	1119	1398	1573	16.7	1500	
334	403	480	570	654	779	891	1114	1253	13.3	1200	
278	337	400	476	546	650	743	929	1046	11.1	1000	
425		631		876 *		1206 *		1696 *	18	1800	100
354		526		730		1005		1413	15	1500	
283		420		584		804		1130	12	1200	
236		350		486		670		942	10	1000	

注意/NOTES



卧式安装齿轮箱应采用强制润滑
Forced lubrication required on horizontal gear units



敬请咨询/On request

P_{G1} (kW)

齿轮箱不带辅助冷却装置 **)
Gear units without auxiliary cooling **)

P_{G2} (kW)

齿轮箱带冷却风扇 **)
Gear units with fan **)

**)

表中数值按
Values refer to : 每小时工作周
期: 100% 在室内大空间 安装
Operating cycle: 100 %
Installation in a large hall 海拔
高度至 1000m
Altitude up to 1000 m

额定热功率 P ₀ (kW) / Thermal Power Rating P ₀ (kW)										n ₁	i _N	
116	117	118	119	120	121	122	123	124				
233	280	285	303	274	*	*	*	*	P _{G1}	1800	50	
508	*	*	*	*	*	*	*	*	P _{G2}			
250	304	313	360	344	*	*	*	*	P _{H1}			
480	*	*	*	*	*	*	*	*	P _{H2}	1500		
245	300	309	365	356	*	*	*	*	P _{H1}			1200
410	*	*	*	*	*	*	*	*	P _{H2}			
259	320	332	410	410	*	*	*	*	P _{H1}	1000		
399	*	*	*	*	*	*	*	*	P _{H2}			
252	298	315	347	343	*	*	*	*	P _{H1}		1800	
521	*	*	*	*	*	*	*	*	P _{G2}			
260	310	329	379	387	*	*	*	*	P _{H1}	1500		
485	*	*	*	*	*	*	*	*	P _{H2}			
250	300	319	374	386	*	*	*	*	P _{G1}		1200	
414	*	*	*	*	*	*	*	*	P _{H2}			
258	311	332	401	421	*	*	*	*	P _{H1}	1000		
394	*	*	*	*	*	*	*	*	P _{H2}			
262	307	334	386	394	*	*	*	*	P _{H1}		1800	
517	*	*	*	*	*	*	*	*	P _{G2}			
262	307	336	397	411	*	*	*	*	P _{H1}	1500		
474	*	*	*	*	*	*	*	*	P _{H2}			
249	293	320	382	398	*	*	*	*	P _{G1}			1200
406	*	*	*	*	*	*	*	*	P _{H2}			
250	295	324	393	413	*	*	*	*	P _{H1}	1000		
378	*	*	*	*	*	*	*	*	P _{G2}			
251	307	317	374	387	*	*	*	*	P _{G1}		1800	
492	*	*	*	*	*	*	*	*	P _{G2}			
249	306	316	381	400	*	*	*	*	P _{H1}	1500		
450	*	*	*	*	*	*	*	*	P _{H2}			
236	290	301	365	385	*	*	*	*	P _{H1}		1200	
385	*	*	*	*	*	*	*	*	P _{G2}			
237	292	303	373	397	*	*	*	*	P _{H1}	1000		
357	*	*	*	*	*	*	*	*	P _{G2}			
244	295	317	365	376	*	*	*	*	P _{H1}		1800	
475	*	*	*	*	*	*	*	*	P _{G2}			
241	292	315	369	384	*	*	*	*	P _{H1}	1500		
433	*	*	*	*	*	*	*	*	P _{H2}			
228	277	299	352	368	*	*	*	*	P _{G1}		1200	
371	*	*	*	*	*	*	*	*	P _{G2}			
228	277	299	358	377	*	*	*	*	P _{G1}	1000		
343	*	*	*	*	*	*	*	*	P _{G2}			
237	284	304	362	368	*	*	*	*	P _{H1}		1800	
458	*	*	*	*	*	*	*	*	P _{G2}			
233	280	300	363	372	*	*	*	*	P _{H1}	1500		
417	*	*	*	*	*	*	*	*	P _{H2}			
220	264	284	345	355	*	*	*	*	P _{H1}		1200	
357	*	*	*	*	*	*	*	*	P _{G2}			
219	263	283	349	361	*	*	*	*	P _{H1}	1000		
329	*	*	*	*	*	*	*	*	P _{G2}			
233		303		385		*		*	P _{H1}		1800	
439		*		*		*		*	P _{G2}			
226		294		379		*		*	P _{G1}	1500		
397		*		*		*		*	P _{H2}			
212		276		358		*		*	P _{H1}		1200	
340		*		*		*		*	P _{G2}			
208		272		356		*		*	P _{H1}	1000		
310		*		*		*		*	P _{G2}			

温度修正系数 Temperature correction factor	
环境温度 Ambient	f_t
20°C	1.00
30°C	0.88
40°C	0.75
50°C	0.63

立式安装修正系数 Vertical mounting correction factor f_v	
齿轮箱类型 Gear unit type	KP2.V KP3.V KP4.V
	Size 102-110
供油方式 Oil supply	浸油润滑 Dip lubrication
无冷却风扇 without Fan	0.95
带冷却风扇 with Fan	On Request

注: 型号111以上请咨询。
Note: Size 111 above, on request.

齿轮箱 选型表 KP3 速比 112

i _N	n ₁	n ₂	额定机械功率 P _{2N} (kW) / Mechanical Power Rating P _{2N} (kW)														
			101	102	103	104	105	106	107	108	109	110	111	112	113	114	115
112	1800	16.1				25		42		72		130		183			
	1500	13.4				21		35		60		108		152			
	1200	10.7				16		28		47		86		122			
	1000	8.9				13		23		39		71		101			

i _N	n ₁		额定热功率 P ₀ (kW) / Thermal Power Rating P ₀ (kW)														
			103			104	105	106	107	108	109	110	111	112	113	114	115
112	1800	P ₀₁				41.2		59.9		77.8		130		168			
		P ₀₂				73		108		141		240		305			
	1500	P ₀₁				39.3		57.2		74.3		124		161			
		P ₀₂				65.6		97.3		127		216		274			
	1200	P ₀₁				36.6		53.3		69.2		116		150			
		P ₀₂				56.2		83.4		108		185		235			
	1000	P ₀₁				35.5		51.7		67.2		112		146			
		P ₀₂				50.7		75.2		98.3		168		213			

Gear Units Selection KP3 Ratio 112

额定机械功率 P_{2N} (kW) / Mechanical Power Rating P_{2N} (kW)									n_2	n_1	i_N
116	117	118	119	120	121	122	123	124			
									16.1	1800	112
									13.4	1500	
									10.7	1200	
									8.9	1000	

注意/NOTES

卧式安装齿轮箱应采用强制润滑
Forced lubrication required on horizontal gear units

* 敬请咨询/On request

P_{G1} (kW) 齿轮箱不带辅助冷却装置 **)
Gear units without auxiliary cooling **)

P_{G2} (kW) 齿轮箱带冷却风扇 **)
Gear units with fan **)

**)
表中数值按
Values refer to : 每小时工作周
期: 100% 在室内大空间 安装
Operating cycle: 100 %
Installation in a large hall 海拔
高度至 1000m
Altitude up to 1000 m

额定热功率 P_0 (kW) / Thermal Power Rating P_0 (kW)									n_1	i_N
116	117	118	119	120	121	122	123	124		
									P_{G1}	112
									P_{G2}	
									P_{G1}	
									P_{G2}	
									P_{G1}	1200
									P_{G2}	
									P_{G1}	1000
									P_{G2}	

温度修正系数 Temperature correction factor	
环境温度 Ambient	f_1
20°C	1.00
30°C	0.88
40°C	0.75
50°C	0.63

立式安装修正系数 Vertical mounting correction factor f_2	
齿轮箱类型 Gear unit type	KP2, V KP3, V KP4, V
	Size 102-110
供油方式 Oil supply	浸油润滑 Dip lubrication
无冷却风扇 without Fan	0.95
带冷却风扇 with Fan	On Request

注: 型号111以上请咨询。
Note: Size 111 above, on request.

齿轮箱 选型表 KP4 速比 100-200

i _N	n ₁	n ₂	额定机械功率 P _{2N} (kW) / Mechanical Power Rating P _{2N} (kW)														
			101	102	103	104	105	106	107	108	109	110	111	112	113	114	115
100	1800	18					40		67		116		170		288		376
	1500	15					34		56		96		142		240		314
	1200	12					27		44		77		113		192		251
	1000	10					22		37		64		94		160		209
112	1800	16.1					36		60		103		152		257	291	337
	1500	13.4					30		50		86		127		214	242	280
	1200	10.7					24		39		69		101		171	193	224
	1000	8.9					20		33		57		84		142	161	186
125	1800	14.4					32	41	53	66	92	117	136	170	230	260	301
	1500	12					27	34	44	55	77	98	113	141	192	217	251
	1200	9.6					21	27	35	44	61	78	91	113	153	173	201
	1000	8					18	22	29	37	51	65	75	94	128	144	167
140	1800	12.9					29	36	48	59	83	105	122	152	206	233	270
	1500	10.7					24	30	39	49	69	87	101	126	171	193	224
	1200	8.6					19	24	32	39	55	70	81	101	137	155	180
	1000	7.1					16	20	26	32	45	57	67	84	113	128	148
160	1800	11.3					25	32	42	52	72	92	107	133	181	204	236
	1500	9.4					21	26	35	43	60	76	89	111	150	170	196
	1200	7.5					17	21	28	34	48	61	71	88	120	135	157
	1000	6.3					14	17	23	29	40	51	59	74	100	114	131
180	1800	10					22	28	37	46	64	81	94	118	160	181	209
	1500	8.3					18	23	31	38	53	67	78	98	132	150	173
	1200	6.7					15	19	25	31	43	54	63	79	107	121	140
	1000	5.6					12	15	20	25	36	45	53	66	89	101	117
200	1800	9					20	25	33	41	58	73	85	106	144	163	188
	1500	7.5					17	21	28	34	48	61	71	88	120	135	157
	1200	6					13	17	22	27	38	49	56	70	96	108	125
	1000	5					11	14	18	23	32	40	47	59	80	90	104

i _N	n ₁		额定热功率 P ₀ (kW) / Thermal Power Rating P ₀ (kW)														
			101	102	103	104	105	106	107	108	109	110	111	112	113	114	115
100	1800	P ₀₁					51.1		70.7		102		134		174		191
	1500	P ₀₂					48.7		67.6		99.1		130		172		190
	1200	P ₀₃					45.4		63.1		92.4		121		160		178
	1000	P ₀₄					43.6		60.8		90.1		120		161		180
112	1800	P ₀₁					49.5		68.2		103		133		171	183	189
	1500	P ₀₂					47.1		65.1		99.1		129		167	179	186
	1200	P ₀₃					43.9		60.6		92.4		120		156	167	173
	1000	P ₀₄					42		58.2		89.4		117		154	166	173
125	1800	P ₀₁					48.1	55.2	66.3	71.7	99.8	115	131	147	168	179	186
	1500	P ₀₂					45.8	52.5	63.1	68.3	95.5	110	126	142	163	174	181
	1200	P ₀₃					42.7	49	58.8	63.7	89	103	117	132	152	162	169
	1000	P ₀₄					40.8	46.8	56.4	61.1	85.8	99.7	114	128	149	160	167
140	1800	P ₀₁					45.9	53.2	64.5	69	97.3	115	128	145	165	175	183
	1500	P ₀₂					43.5	50.5	61.3	65.6	92.8	110	123	139	158	169	176
	1200	P ₀₃					40.6	47.1	57.1	61.1	86.5	102	114	129	148	158	164
	1000	P ₀₄					38.7	44.9	54.6	58.5	83	98.9	110	125	144	153	161
160	1800	P ₀₁					44.2	51.7	61.1	67.1	93	111	122	142	160	171	178
	1500	P ₀₂					41.9	49.1	58	63.7	88.5	106	116	135	153	164	171
	1200	P ₀₃					39.1	45.7	54.1	59.4	82.5	99.4	108	126	143	153	159
	1000	P ₀₄					37.2	43.6	51.6	56.7	79	95.3	104	121	138	148	154
180	1800	P ₀₁					42.7	49.4	58.9	65.3	90.4	108	119	139	160	167	177
	1500	P ₀₂					40.4	46.7	55.8	61.9	85.8	103	113	132	152	159	169
	1200	P ₀₃					37.7	43.6	52	57.7	80	96.2	105	123	142	148	157
	1000	P ₀₄					35.8	41.4	49.4	54.9	76.2	91.8	100	118	136	142	151
200	1800	P ₀₁					41.2	47.7	57.1	61.9	85.8	104	116	133	157	165	173
	1500	P ₀₂					38.9	45.1	54	58.5	81.3	98.9	110	126	149	157	164
	1200	P ₀₃					36.3	42	50.3	54.5	75.7	92.1	103	117	139	146	153
	1000	P ₀₄					34.4	39.9	47.8	51.8	72	87.6	98.2	111	132	139	146

Gear Units Selection KP4 Ratio 100-200

额定机械功率 P_{2N} (kW) / Mechanical Power Rating P_{2N} (kW)									n_2	n_1	i_N
116	117	118	119	120	121	122	123	124			
	565		791		1055 *		1507 *		18	1800	100
	471		659		879		1256		15	1500	
	376		527		703		1005		12	1200	
	314		439		586		837		10	1000	
404	505	581	708	792	944 *	1078 *	1348 *	1517 *	16.1	1800	112
336	420	484	589	659	785	898	1122	1262	13.4	1500	
268	336	386	470	526	627	717	896	1008	10.7	1200	
223	279	321	391	438	521	596	745	838	8.9	1000	
361	452	520	633	708	844 *	965 *	1206 *	1357 *	14.4	1800	125
301	376	433	527	590	703	804	1005	1130	12	1500	
241	301	346	422	472	562	643	804	904	9.6	1200	
201	251	289	351	393	469	536	670	753	8	1000	
324	405	466	567	634	756 *	864 *	1080 *	1215 *	12.9	1800	140
268	336	386	470	526	627	717	896	1008	10.7	1500	
216	270	310	378	423	504	576	720	810	8.6	1200	
178	223	256	312	349	416	475	594	669	7.1	1000	
283	354	408	496	556	662 *	757 *	946 *	1064 *	11.3	1800	160
236	295	339	413	462	551	629	787	885	9.4	1500	
188	235	270	329	369	439	502	628	706	7.5	1200	
158	197	227	277	310	369	422	527	593	6.3	1000	
251	314	361	439	492	586 *	670 *	837 *	942 *	10	1800	180
208	260	299	365	408	486	556	695	782	8.3	1500	
168	210	242	294	329	392	449	561	631	6.7	1200	
140	175	202	246	275	328	375	469	527	5.6	1000	
226	282	325	395	442	527 *	603 *	753 *	848 *	9	1800	200
188	235	270	329	369	439	502	628	706	7.5	1500	
150	188	216	263	295	351	402	502	565	6	1200	
125	157	180	219	246	293	335	418	471	5	1000	

注意/NOTES



卧式安装齿轮箱应采用强制润滑
Forced lubrication required on horizontal gear units



敬请咨询/On request

P_{B1} (kW)

齿轮箱不带辅助冷却装置 **)
Gear units without auxiliary cooling **)

P_{B2} (kW)

齿轮箱带冷却风扇 **)
Gear units with fan **)

**)

表中数值按
Values refer to : 每小时工作周
期: 100% 在室内大空间 安装
Operating cycle: 100 %
Installation in a large hall 海拔
高度至 1000m
Altitude up to 1000 m

额定热功率 P_0 (kW) / Thermal Power Rating P_0 (kW)									n_1	i_N	
116	117	118	119	120	121	122	123	124			
	263		335		*		*		P_{B1}	1800	100
	264		348		*		*		P_{B1}	1500	
	246		325		*		*		P_{B1}	1200	
	253		346		*		*		P_{B1}	1000	
201	262	279	349	351	*	*	*	*	P_{B1}	1800	112
198	259	276	352	358	*	*	*	*	P_{B1}	1500	
185	241	257	329	335	*	*	*	*	P_{B1}	1200	
185	243	260	340	350	*	*	*	*	P_{B1}	1000	
197	259	273	350	358	*	*	*	*	P_{B1}	1800	125
192	254	268	348	359	*	*	*	*	P_{B1}	1500	
179	237	250	325	335	*	*	*	*	P_{B1}	1200	
177	235	249	330	344	*	*	*	*	P_{B1}	1000	
194	255	271	343	361	*	*	*	*	P_{B1}	1800	140
188	248	263	336	356	*	*	*	*	P_{B1}	1500	
175	231	245	314	332	*	*	*	*	P_{B1}	1200	
171	227	241	313	334	*	*	*	*	P_{B1}	1000	
190	249	265	336	350	*	*	*	*	P_{B1}	1800	160
182	240	255	327	342	*	*	*	*	P_{B1}	1500	
170	224	238	305	319	*	*	*	*	P_{B1}	1200	
165	218	232	301	317	*	*	*	*	P_{B1}	1000	
185	243	261	342	348	*	*	*	*	P_{B1}	1800	180
177	232	249	329	335	*	*	*	*	P_{B1}	1500	
165	216	232	306	313	*	*	*	*	P_{B1}	1200	
158	208	224	297	304	*	*	*	*	P_{B1}	1000	
184	238	253	329	352	*	*	*	*	P_{B1}	1800	200
175	226	240	314	335	*	*	*	*	P_{B1}	1500	
163	211	224	292	313	*	*	*	*	P_{B1}	1200	
156	201	214	280	300	*	*	*	*	P_{B1}	1000	

温度修正系数
Temperature correction factor

环境温度 Ambient	f_1
20°C	1.00
30°C	0.88
40°C	0.75
50°C	0.63

立式安装修正系数
Vertical mounting correction factor
 f_2

齿轮箱类型 Gear unit type	KP2. V KP3. V KP4. V
	Size 102-110
供油方式 Oil supply	浸油润滑 Dip lubrication
无冷却风扇 without Fan	0.95
带冷却风扇 with Fan	On Request

注: 型号111以上请咨询。
Note: Size 111 above, on request.

齿轮箱 选型表 KP4 速比 224-450

i _N	n ₁	n ₂	额定机械功率 P _{2N} (kW) / Mechanical Power Rating P _{2N} (kW)														
			101	102	103	104	105	106	107	108	109	110	111	112	113	114	115
224	1800	8					18	22	29	37	51	65	75	94	128	144	167
	1500	6.7					15	19	25	31	43	54	63	79	107	121	140
	1200	5.4					12	15	20	24	34	44	51	63	86	97	113
	1000	4.5					10	12	16	20	29	36	42	53	72	81	94
250	1800	7.2					16	20	26	33	46	58	68	85	115	130	150
	1500	6					13	17	22	27	38	49	56	70	96	108	125
	1200	4.8					10	13	17	22	30	39	45	56	76	86	100
	1000	4					9	11	14	18	25	32	37	47	64	72	83
280	1800	6.4					14	18	23	29	41	52	60	75	102	115	134
	1500	5.4					12	15	20	24	34	44	51	63	86	97	113
	1200	4.3					9.7	12	16	19	27	35	40	50	68	77	90
	1000	3.6					8.1	10	13	16	23	29	34	42	57	65	75
315	1800	5.7					12	16	21	26	36	46	54	67	91	103	119
	1500	4.8					10	13	17	22	30	39	45	56	76	86	100
	1200	3.8					8.6	10	14	17	24	31	36	44	60	68	79
	1000	3.2					7.2	9.1	11	14	20	26	30	37	51	57	67
355	1800	5.1					10	14	19	23	32	41	48	60	74	92	102
	1500	4.2					8.6	11	15	19	27	34	39	49	61	76	84
	1200	3.4					6.9	9.6	12	15	21	27	32	40	49	61	68
	1000	2.8					5.7	7.9	10	12	18	22	26	33	41	50	56
400	1800	4.5						12		20		36		53		74	
	1500	3.8						10		17		31		44		62	
	1200	3						8.5		13		24		35		49	
	1000	2.5						7.1		11		20		29		41	
450	1800	4						10		17		32		47			
	1500	3.3						8.7		14		26		39			
	1200	2.7						7.1		12		22		31			
	1000	2.2						5.8		9.8		17		26			

i _N	n ₁		额定热功率 P ₀ (kW) / Thermal Power Rating P ₀ (kW)														
			101	102	103	104	105	106	107	108	109	110	111	112	113	114	115
224	1800	P ₀₁					38.9	45.7	55	59.5	82.7	101	112	128	148	163	163
	1500	P ₀₂					36.7	43.2	52	56.2	78.1	95.5	106	121	140	154	154
	1200	P ₀₃					34.2	40.3	48.4	52.4	72.8	89	98.8	113	130	144	144
	1000	P ₀₄					32.4	38.2	45.9	49.6	69	84.4	93.7	107	123	136	136
250	1800	P ₀₁					37.1	44.3	52.5	57.7	78.5	95.4	106	125	140	151	155
	1500	P ₀₂					35.1	41.9	49.6	54.5	74.2	90.2	100	118	132	143	147
	1200	P ₀₃					32.7	39	46.2	50.8	69.2	84	94	110	123	133	137
	1000	P ₀₄					31	37	43.8	48.2	65.6	79.7	89.1	104	117	126	130
280	1800	P ₀₁					36	41.6	51	55.3	75.6	91.8	103	118	136	143	151
	1500	P ₀₂					34	39.3	48.2	52.3	71.4	86.8	97.7	112	128	135	143
	1200	P ₀₃					31.7	36.6	44.9	48.7	66.6	80.9	91.1	104	120	126	133
	1000	P ₀₄					30.1	34.7	42.5	46.2	63.1	76.7	86.3	99.1	113	120	126
315	1800	P ₀₁					35.3	39.8	48.6	52.8	73.7	87	99.1	114	129	139	144
	1500	P ₀₂					33.3	37.6	45.9	49.9	69.7	82.2	93.7	108	122	131	136
	1200	P ₀₃					31.1	35.1	42.8	46.5	64.9	76.7	87.3	100	114	122	127
	1000	P ₀₄					29.4	33.3	40.5	44.1	61.6	72.7	82.8	95.5	108	116	121
355	1800	P ₀₁					33.6	38.6	47.7	51.3	70.1	83.8	94.6	110	127	134	141
	1500	P ₀₂					31.8	36.5	45.1	48.5	66.3	79.2	89.4	104	120	126	133
	1200	P ₀₃					29.6	34	42	45.2	61.8	73.8	83.3	96.9	112	118	124
	1000	P ₀₄					28.1	32.3	39.8	42.8	58.6	69.9	78.9	91.9	106	111	118
400	1800	P ₀₁						37.9		48.9		81.8		105		130	
	1500	P ₀₂						35.8		46.2		77.3		100		123	
	1200	P ₀₃						33.4		43.1		72		93.2		115	
	1000	P ₀₄						31.6		40.8		68.3		88.3		109	
450	1800	P ₀₁						36		48		77.8		100			
	1500	P ₀₂						34		45.4		73.5		95.3			
	1200	P ₀₃						31.7		42.3		68.5		88.8			
	1000	P ₀₄						30.1		40.1		64.9		84.2			

Gear Units Selection KP4 Ratio 224-450

额定机械功率 P_{2N} (kW) / Mechanical Power Rating P_{2N} (kW)									n_2	n_1	i_N
116	117	118	119	120	121	122	123	124			
201	251	289	351	393	469 *	536 *	670 *	753 *	8	1800	224
168	210	242	294	329	392	449	561	631	6.7	1500	
135	169	195	237	265	316	361	452	508	5.4	1200	
113	141	162	197	221	263	301	376	424	4.5	1000	
180	226	260	316	354	422 *	482 *	603 *	678 *	7.2	1800	250
150	188	216	263	295	351	402	502	565	6	1500	
120	150	173	211	236	281	321	402	452	4.8	1200	
100	125	144	175	196	234	268	335	376	4	1000	
160	201	231	281	314	375 *	428 *	536 *	603 *	6.4	1800	280
135	169	195	237	265	316	361	452	508	5.4	1500	
108	135	155	189	211	252	288	360	405	4.3	1200	
90	113	130	158	177	211	241	301	339	3.6	1000	
143	179	205	250	280	334 *	381 *	477 *	537 *	5.7	1800	315
120	150	173	211	236	281	321	402	452	4.8	1500	
95	119	137	167	187	222	254	318	358	3.8	1200	
80	100	115	140	157	187	214	268	301	3.2	1000	
128	154	184	218	250	299 *	341 *	427 *	480 *	5.1	1800	355
105	127	151	180	206	246	281	351	395	4.2	1500	
85	103	122	145	167	199	227	284	320	3.4	1200	
70	85	101	120	137	164	187	234	263	2.8	1000	
105		157		219		301 *		424 *	4.5	1800	400
88		133		185		254		358	3.8	1500	
70		105		146		201		282	3	1200	
58		87		121		167		235	2.5	1000	
									4	1800	450
									3.3	1500	
									2.7	1200	
									2.2	1000	

额定热功率 P_e (kW) / Thermal Power Rating P_e (kW)									n_2	n_1	i_N
116	117	118	119	120	121	122	123	124			
180	232	247	321	340	*	*	*	*	P_{G1}	1800	224
170	219	233	303	321	*	*	*	*	P_{G1}	1500	
159	204	217	283	299	*	*	*	*	P_{G1}	1200	
151	193	206	268	283	*	*	*	*	P_{G1}	1000	
168	220	237	304	323	*	*	*	*	P_{G1}	1800	250
159	208	224	287	305	*	*	*	*	P_{G1}	1500	
148	193	209	267	285	*	*	*	*	P_{G1}	1200	
141	183	198	253	270	*	*	*	*	P_{G1}	1000	
160	211	225	292	306	*	*	*	*	P_{G1}	1800	280
151	199	213	276	289	*	*	*	*	P_{G1}	1500	
141	186	198	257	269	*	*	*	*	P_{G1}	1200	
133	176	188	243	255	*	*	*	*	P_{G1}	1000	
155	207	216	280	294	*	*	*	*	P_{G1}	1800	315
147	195	204	264	278	*	*	*	*	P_{G1}	1500	
137	182	191	246	259	*	*	*	*	P_{G1}	1200	
130	172	181	233	245	*	*	*	*	P_{G1}	1000	
149	197	212	267	283	*	*	*	*	P_{G1}	1800	355
141	186	200	252	267	*	*	*	*	P_{G1}	1500	
131	173	187	235	249	*	*	*	*	P_{G1}	1200	
124	164	177	222	236	*	*	*	*	P_{G1}	1000	
146		201		270		*		*	P_{G1}	1800	400
138		190		255		*		*	P_{G1}	1500	
128		177		238		*		*	P_{G1}	1200	
121		168		225		*		*	P_{G1}	1000	
									P_{G1}	1800	450
									P_{G1}	1500	
									P_{G1}	1200	
									P_{G1}	1000	

注意/NOTES



卧式安装齿轮箱应采用强制润滑
Forced lubrication required on horizontal gear units



敬请咨询/On request

P_{G1} (kW)

齿轮箱不带辅助冷却装置 **)
Gear units without auxiliary cooling **)

P_{G2} (kW)

齿轮箱带冷却风扇 **)
Gear units with fan **)

**)

表中数值按
Values refer to : 每小时工作周
期: 100% 在室内大空间 安装
Operating cycle: 100 %
Installation in a large hall 海拔
高度至 1000m
Altitude up to 1000 m

温度修正系数 Temperature correction factor	
环境温度 Ambient	f_t
20°C	1.00
30°C	0.88
40°C	0.75
50°C	0.63

立式安装修正系数 Vertical mounting correction factor f_2	
齿轮箱类型 Gear unit type	KP2.V KP3.V KP4.V
	Size 102-110
供油方式 Oil supply	浸油润滑 Dip lubrication
无冷却风扇 without Fan	0.95
带冷却风扇 with Fan	On Request

注: 型号111以上请咨询。
Note: Size 111 above, on request.

齿轮箱 选型表 KR2 速比 5-10

i _N	n ₁	n ₂	额定机械功率 P _{2N} (kW) / Mechanical Power Rating P _{2N} (kW)														
			101	102	103	104	105	106	107	108	109	110	111	112	113	114	115
5	1800	360		229	354		716		1127		1734 *		2585 *		4598 *		
	1500	300		191	295		596		939		1445		2154		3832 *		
	1200	240		153	236		477		751		1156		1723		3065 *		
	1000	200		127	196		397		626		963		1436		2554		
5.6	1800	321		208	315		638		1005		1616 *		2339 *		4100 *	4537 *	
	1500	268		173	263		533		839		1349		1953		3423 *	3788 *	
	1200	214		138	210		425		670		1077		1559		2733 *	3025 *	4369 *
	1000	179		116	176		356		560		901		1304		2286	2530	3654 *
6.3	1800	286		185	281	359	569	712	895	1138	1503 *	1760 *	2210 *	2551 *	3893 *	4222 *	
	1500	238		154	234	299	473	593	745	947	1251	1465	1839	2123	3239 *	3513 *	4859 *
	1200	190		123	187	238	378	473	594	756	998	1169	1468	1695	2586 *	2805 *	3879 *
	1000	159		103	156	199	316	396	497	632	835	978	1228	1418	2164	2347	3246 *
7.1	1800	254		164	250	319	505	633	795	1010	1393 *	1619 *	2018 *	2321 *	3510 *	3856 *	
	1500	211		136	207	265	419	525	660	839	1157	1345	1676	1928	2916 *	3203 *	4308 *
	1200	169		109	166	212	336	421	529	672	927	1077	1343	1544	2335 *	2565 *	3450 *
	1000	141		91	138	177	280	351	441	561	773	899	1120	1288	1948	2140	2879
8	1800	225		146	221	282	447	560	704	895	1272 *	1486 *	1884 *	2155 *	3109 *	3486 *	4594 *
	1500	188		122	185	236	374	468	588	748	1063	1242	1574	1801	2598	2913 *	3838 *
	1200	150		97	147	188	298	373	469	596	848	991	1256	1437	2073	2324 *	3062 *
	1000	125		81	123	157	248	311	391	497	706	825	1047	1197	1727	1937	2552
9	1800	200		129	196	251	397	498	626	795	1130 *	1365 *	1698 *	1981 *	2764 *	3099 *	4083 *
	1500	167		108	164	209	332	416	522	664	944	1140	1418	1654	2308	2588	3409 *
	1200	133		86	130	167	264	331	416	529	752	908	1129	1317	1838	2061	2715 *
	1000	111		72	109	139	220	276	347	441	627	757	942	1099	1534	1720	2266
10	1800	180		116	177	226	358	448	563	716	1017 *	1249 *	1528 *	1862 *	2487 *	2789 *	3675 *
	1500	150		97	147	188	298	373	469	596	848	1041	1273	1551	2073	2324	3062 *
	1200	120		77	118	150	238	299	375	477	678	833	1019	1241	1658	1859	2450 *
	1000	100		64	98	125	198	249	313	397	565	694	849	1034	1382	1549	2041

i _N	n ₁		额定热功率 P ₀ (kW) / Thermal Power Rating P ₀ (kW)														
			101	102	103	104	105	106	107	108	109	110	111	112	113	114	115
5	1800	P ₀₁		*	*		*		*		*		*		*		
		P ₀₂		149	190		283		313		392		350		*		
	1500	P ₀₁		35.3	*		*		*		*		*		*		
		P ₀₂		139	184		283		328		478		574		486		
	1200	P ₀₁		47.2	53.4		66		*		*		*		*		
		P ₀₂		132	178		276		325		500		645		640		
	1000	P ₀₁		48.3	58.6		77.4		87.1		*		*		*		
		P ₀₂		113	155		246		297		487		684		788		
5.6	1800	P ₀₁		*	*		*		*		*		*		*		*
		P ₀₂		147	194		282		321		453		493		*		*
	1500	P ₀₁		38.6	*		*		*		*		*		*		*
		P ₀₂		135	185		274		322		504		646		618		565
	1200	P ₀₁		47.5	56.5		70.8		75.8		*		*		*		*
		P ₀₂		128	177		265		316		512		689		724		718
	1000	P ₀₁		47.7	59.8		78.3		90.2		120		*		*		*
		P ₀₂		109	153		232		282		481		688		804		859
6.3	1800	P ₀₁		31	*	*	*	*	*	*	*	*	*	*	*	*	*
		P ₀₂		144	189	218	270	318	315	346	450	519	528	612	419	*	*
	1500	P ₀₁		40	*	*	*	*	*	*	*	*	*	*	*	*	*
		P ₀₂		132	178	206	259	308	310	345	479	581	633	753	664	684	646
	1200	P ₀₁		47.3	56.6	65.1	70.5	81.4	78.6	83.8	*	*	*	*	*	*	*
		P ₀₂		125	169	197	249	298	301	337	480	591	657	789	740	778	762
	1000	P ₀₁		47	58.7	68.3	75.8	89.9	89.4	98.3	122	142	*	*	*	*	*
		P ₀₂		105	145	170	216	261	265	300	441	556	637	771	779	838	850
7.1	1800	P ₀₁		34	*	*	*	*	*	*	*	*	*	*	*	*	*
		P ₀₂		136	182	219	263	313	311	346	485	572	616	721	563	560	503
	1500	P ₀₁		40.6	44	50.6	*	*	*	*	*	*	*	*	*	*	*
		P ₀₂		125	169	204	248	298	299	336	493	601	676	804	720	754	740
	1200	P ₀₁		45.8	56.4	67.5	71.4	83.8	82.4	89.8	108	*	*	*	*	*	*
		P ₀₂		117	161	194	237	285	288	325	485	598	683	817	762	809	811
	1000	P ₀₁		45	57.2	69	74.3	88.9	89.1	99.3	132	158	151	176	*	*	*
		P ₀₂		99	137	166	203	246	250	284	436	546	637	768	756	815	838
8	1800	P ₀₁		35	*	*	*	*	*	*	*	*	*	*	*	*	*
		P ₀₂		129	173	211	253	298	302	336	467	556	616	723	609	641	592
	1500	P ₀₁		39.9	45.1	53.4	53	*	*	*	*	*	*	*	*	*	*
		P ₀₂		117	160	195	236	280	287	321	463	564	646	768	713	775	756
	1200	P ₀₁		43.9	54.8	66.7	70.6	83	83	91.2	112	127	*	*	*	*	*
		P ₀₂		110	151	185	225	267	274	308	451	555	643	767	735	807	800
	1000	P ₀₁		42.8	54.8	67.2	72.1	86.1	87.4	97.7	129	155	154	181	*	*	*
		P ₀₂		92.9	128	157	192	229	237	267	400	498	588	705	705	784	793
9	1800	P ₀₁		35	36	*	*	*	*	*	*	*	*	*	*	*	*
		P ₀₂		123	166	202	244	285	295	324	465	574	630	766	658	674	669
	1500	P ₀₁		39.3	45.7	54.4	55.8	61.6	59.6	*	*	*	*	*	*	*	*
		P ₀₂		111	153	186	226	266	277	306	452	568	640	785	724	759	782
	1200	P ₀₁		42.3	53.2	64.8	69.7	81.1	83.2	91.1	116	140	130	*	*	*	*
		P ₀₂		105	144	176	214	253	264	292	437	554	630	775	732	773	807
	1000	P ₀₁		41	52.7	64.5	70.2	82.7	85.8	95.3	129	162	159	193	169	176	*
		P ₀₂		87.8	121	148	182	215	226	251	383	490	565	699	684	730	774
10	1800	P ₀₁		31	36	43	*	*	*	*	*	*	*	*	*	*	*
		P ₀₂		102	154	190	229	271	280	310	447	537	617	729	655	694	688
	1500	P ₀₁		33.7	44	53.3	55.1	62.3	60.8	63.9	*	*	*	*	*	*	*
		P ₀₂		92.8	140	174	211	251	261	291	429	525	616	734	698	753	770
	1200	P ₀₁		35.8	50.1	61.8	66.5	78.5	80.3	88.9	115	137	134	157	*	*	*
		P ₀₂		87.1	132	164	199	238	249	277	413	508	601	719	698	759	783
	1000	P ₀₁		34.6	49.3	61.1	66.4	79.2	81.9	91.7	125	153	157	188	172	182	175
		P ₀₂		72.8	111	138	169	202	212	237	359	447	535	642	643	704	737

Gear Units Selection KR2 Ratio 5-10

额定机械功率 P_{2N} (kW) / Mechanical Power Rating P_{2N} (kW)									n_2	n_1	i_N
116	117	118	119	120	121	122	123	124			
									360	1800	5
									300	1500	
									240	1200	
									200	1000	
									321	1800	5.6
									268	1500	
									214	1200	
									179	1000	
									286	1800	6.3
									238	1500	
									190	1200	
									159	1000	
									254	1800	7.1
									211	1500	
4070 *									169	1200	
3395 *									141	1000	
									225	1800	8
4527 *									188	1500	
3612 *									150	1200	
3010									125	1000	
4816 *									200	1800	9
4021 *									167	1500	
3203 *									133	1200	
2673									111	1000	
4335 *									180	1800	10
3612 *									150	1500	
2890 *									120	1200	
2408									100	1000	

额定热功率 P_0 (kW) / Thermal Power Rating P_0 (kW)									n_1	i_N
116	117	118	119	120	121	122	123	124		
									P_{01}	5
									P_{02}	
									P_{03}	
									P_{04}	
									P_{01}	5.6
									P_{02}	
									P_{03}	
									P_{04}	
									P_{01}	6.3
									P_{02}	
									P_{03}	
									P_{04}	
									P_{01}	7.1
									P_{02}	
									P_{03}	
									P_{04}	
									P_{01}	8
									P_{02}	
									P_{03}	
									P_{04}	
									P_{01}	9
									P_{02}	
									P_{03}	
									P_{04}	
									P_{01}	10
									P_{02}	
									P_{03}	
									P_{04}	

注意/NOTES

 卧式安装齿轮箱应采用强制润滑
Forced lubrication required on horizontal gear units

 敬请咨询/On request

P_{01} (kW) 齿轮箱不带辅助冷却装置 **)
Gear units without auxiliary cooling **)

P_{02} (kW) 齿轮箱带冷却风扇 **)
Gear units with fan **)

**)
表中数值按
Values refer to : 每小时工作周
期: 100% 在室内大空间 安装
Operating cycle: 100 %
Installation in a large hall 海拔
高度至 1000m
Altitude up to 1000 m

温度修正系数 Temperature correction factor	
环境温度 Ambient	f_1
20°C	1.00
30°C	0.88
40°C	0.75
50°C	0.63

立式安装修正系数 Vertical mounting correction factor f_2	
齿轮箱类型 Gear unit type	KR2. V KR3. V KR4. V
	Size 102-110
供油方式 Oil supply	浸油润滑 Dip lubrication
无冷却风扇 without Fan	0.95
带冷却风扇 with Fan	0.95

注: 型号111以上请咨询。
Note: Size 111 above, on request .

齿轮箱 选型表 KR2 速比 11.2-14

[illegible]

I _N	n ₁		额定热功率 P ₀ (kW) / Thermal Power Rating P ₀ (kW)														
			101	102	103	104	105	106	107	108	109	110	111	112	113	114	115
11.2	1800	P ₀₁		30	34	43	40	*	*	*	*	*	*	*	*	*	*
		P ₀₂		99	137	180	204	259	250	299	401	522	562	713	614	679	656
	1500	P ₀₁		33	40.4	52.1	51	61.9	57.7	65.2	*	*	*	*	*	*	*
		P ₀₂		89.8	125	165	188	240	232	279	382	506	555	709	641	721	714
	1200	P ₀₁		34.8	45.3	59.3	60.2	75.9	73.6	87	106	136	127	160	*	*	*
		P ₀₂		84.3	118	155	177	227	220	265	367	488	539	691	637	720	720
	1000	P ₀₁		33.5	44.4	58.4	59.8	76.1	74.5	89	114	150	145	185	162	181	169
		P ₀₂		70.3	99.5	131	150	192	187	226	318	426	476	613	581	662	669
12.5	1800	P ₀₁				43		48		*		*		*		*	
		P ₀₂				166		244		284		503		697		650	
	1500	P ₀₁				50.1		61.7		66.9		*		*		*	
		P ₀₂				151		224		264		481		681		669	
	1200	P ₀₁				55.7		72.7		84.3		135		164		*	
		P ₀₂				142		212		250		462		659		661	
	1000	P ₀₁				54.5		72.2		85.1		145		183		175	
		P ₀₂				119		179		212		400		579		598	
14	1800	P ₀₁				40		47		*		*		*			
		P ₀₂				149		218		255		451		633			
	1500	P ₀₁				46		57.4		63.1		*		*			
		P ₀₂				135		200		236		428		611			
	1200	P ₀₁				50.3		66.1		76.9		125		154			
		P ₀₂				127		189		223		409		589			
	1000	P ₀₁				49		65.2		77		131		168			
		P ₀₂				106		159		189		353		514			

Gear Units Selection KR2 Ratio 11.2-14

[illegible][illegible]

注意/NOTES

☐ 卧式安装齿轮箱应采用强制润滑
Forced lubrication required on
horizontal gear units

***** 敬請諮詢/On request

P_{G1} (kW) 齿轮箱不带辅助冷却装置 **)
Gear units without auxiliary cooling **)

P_{G2} (kW) 齿轮箱带冷却风扇 **)
 Gear units with fan **)

**) 表中数值按
Values refer to : 每小时工作周
期: 100% 在室内大空间 安装
Operating cycle: 100 %
Installation in a large hall 海拔
高度至 1000m
Altitude up to 1000 m

温度修正系数 Temperature correction factor	
环境温度 Ambient	f_t
20℃	1.00
30℃	0.88
40℃	0.75
50℃	0.63

立式安装修正系数 Vertical mounting correction factor f_2	
齿轮箱类型 Gear unit type	KR2. V KR3. V KR4. V
	Size 102-110
供油方式 Oil supply	浸油润滑 Dip lubrication
无冷却风扇 without Fan	0.95
带冷却风扇 with Fan	0.95

注：型号111以上请咨询。
Note: Size 111 above, on request.

齿轮箱 选型表 KR3 速比 12.5-25

i _N	n ₁	n ₂	额定机械功率 P _{2N} (kW) / Mechanical Power Rating P _{2N} (kW)														
			101	102	103	104	105	106	107	108	109	110	111	112	113	114	115
12.5	1800	144		82	141		256		422		790		1198		1990 *		2940 *
	1500	120		69	118		213		351		658		998		1658		2450
	1200	96		55	94		170		281		526		799		1326		1960
	1000	80		46	78		142		234		438		665		1105		1633
14	1800	129		81	132		245		398		765		1102		1850 *	1999 *	2634 *
	1500	107		67	109		203		330		635		914		1534	1658	2184
	1200	86		54	88		163		265		510		734		1233	1332	1756
	1000	71		44	72		135		219		421		606		1018	1100	1449
16	1800	113		78	124	141	234	254	366	421	708	784	991	1176	1680 *	1822 *	2366 *
	1500	94		64	103	118	194	211	305	350	589	652	824	978	1397	1515	1968
	1200	75		51	82	94	155	168	243	279	470	520	658	780	1115	1209	1570
	1000	63		43	69	79	130	141	204	234	395	437	552	655	936	1015	1319
18	1800	100		70	118	131	220	241	354	392	649	727	907	1068	1549 *	1675 *	2094 *
	1500	83		58	98	109	183	200	294	325	538	604	753	886	1286	1390	1738
	1200	67		47	79	88	148	162	237	263	434	487	608	715	1038	1122	1403
	1000	56		39	66	73	123	135	198	219	363	407	508	598	867	938	1172
20	1800	90		63	109	124	204	235	336	370	598	685	854	989	1441 *	1573 *	1884 *
	1500	75		52	91	103	170	196	280	308	498	570	712	824	1201	1311	1570
	1200	60		42	72	82	136	157	224	246	398	456	569	659	961	1049	1256
	1000	50		35	60	69	113	130	186	205	332	380	474	549	801	874	1047
22.4	1800	80		56	97	118	181	221	299	350	531	633	759	904	1281 *	1449 *	1675 *
	1500	67		47	81	99	152	185	250	293	445	530	636	757	1073	1213	1403
	1200	54		37	65	80	122	149	201	236	359	427	512	610	865	978	1130
	1000	45		31	54	66	102	124	168	196	299	356	427	508	720	815	942
25	1800	72		50	87	116	163	205	269	330	478	582	683	851	1153 *	1304 *	1507 *
	1500	60		42	72	97	136	170	224	275	398	485	569	709	961	1086	1256
	1200	48		33	58	77	109	136	179	220	319	388	455	567	769	869	1005
	1000	40		28	48	64	90	113	149	183	265	323	379	473	640	724	837

i _N	n ₁		额定热功率 P ₀ (kW) / Thermal Power Rating P ₀ (kW)														
			101	102	103	104	105	106	107	108	109	110	111	112	113	114	115
12.5	1800	P ₀₁		39	48		70.4		82.9		*		*		*		*
		P ₀₂		93.5	128		201		267		388		461		548		622
	1500	P ₀₁		39.4	50.4		76.7		95.4		112		*		*		*
		P ₀₂		84.8	118		186		250		377		468		602		728
	1200	P ₀₁		39.7	52.1		80.7		103		132		152		173		*
		P ₀₂		75.6	106		169		230		356		457		620		777
	1000	P ₀₁		38.1	50.8		79.7		103		140		172		221		235
		P ₀₂		66.3	93.9		150		204		321		419		583		742
14	1800	P ₀₁		38.4	47.7		70.6		84.9		*		*		*	*	*
		P ₀₂		91.2	125		196		262		390		483		561	581	650
	1500	P ₀₁		38.6	49.6		75.7		95.2		117		127		*	*	*
		P ₀₂		82.6	114		180		244		374		482		598	631	728
	1200	P ₀₁		38.8	51		79		101		134		161		181	186	*
		P ₀₂		73.5	103		163		223		350		465		603	645	758
	1000	P ₀₁		37.1	49.4		77.4		101		139		177		220	233	235
		P ₀₂		64.4	90.9		144		198		315		424		562	604	716
16	1800	P ₀₁		36.8	46.7	53.1	68.5	76.8	85.1	90.8	89.8	*	*	*	*	*	*
		P ₀₂		86.9	121	138	187	212	258	281	375	419	450	513	568	575	671
	1500	P ₀₁		36.8	48.3	55.4	72.9	83.3	94.3	103	114	125	122	138	*	*	*
		P ₀₂		78.6	110	126	172	196	239	262	358	407	445	511	597	615	737
	1200	P ₀₁		37	49.5	57	75.7	87.5	100	110	129	147	151	174	185	186	189
		P ₀₂		70	99.5	113	156	178	218	240	334	384	426	492	597	621	758
	1000	P ₀₁		35.2	47.9	55.4	74	86.2	99.4	110	133	155	165	191	221	227	241
		P ₀₂		61.3	87.5	100	137	158	193	214	300	347	388	448	553	579	713
18	1800	P ₀₁		35.9	45.9	52.2	67.4	75.5	84.4	86.1	93.1	*	*	*	*	*	*
		P ₀₂		84.5	118	134	182	207	250	261	371	426	462	527	560	586	669
	1500	P ₀₁		35.9	47.2	54.1	71.1	81.1	92.5	96.3	115	129	128	146	*	*	*
		P ₀₂		76.4	107	122	167	191	232	243	353	411	454	520	581	617	722
	1200	P ₀₁		36	48.1	55.5	73.6	84.8	97.7	102	129	149	155	180	185	193	191
		P ₀₂		67.9	96.5	110	151	173	211	222	328	386	432	498	575	617	734
	1000	P ₀₁		34.3	46.5	53.7	71.7	83.2	96.5	102	132	156	167	195	216	230	237
		P ₀₂		59.5	84.8	97.1	133	153	187	197	293	347	392	452	531	573	686
20	1800	P ₀₁		34.1	44.5	51	65.7	73.3	82.9	90.8	93.3	96	*	*	*	*	*
		P ₀₂		79.9	113	129	175	198	241	270	358	401	440	489	555	577	668
	1500	P ₀₁		34	45.6	52.6	68.8	78	89.8	100	112	124	126	140	*	*	*
		P ₀₂		72.1	103	118	161	182	223	251	339	385	428	480	568	599	708
	1200	P ₀₁		34	46.4	53.7	70.9	81.2	94.3	106	124	141	149	168	185	191	194
		P ₀₂		64.1	92.6	106	145	165	202	228	314	360	406	456	557	593	711
	1000	P ₀₁		32.4	44.6	51.9	68.9	79.4	92.8	105	126	147	159	180	212	223	234
		P ₀₂		56.1	81.3	93.5	127	145	179	203	280	323	367	413	513	548	662
22.4	1800	P ₀₁		33.6	44.3	50.1	64.6	72.7	82.7	86.2	93.7	102	*	*	*	*	*
		P ₀₂		77.9	112	126	170	193	237	250	343	407	426	503	554	573	673
	1500	P ₀₁		33.3	45.1	51.4	67.2	76.7	88.6	93.9	110	128	126	148	*	*	*
		P ₀₂		70.3	101	115	155	177	218	231	324	388	412	489	559	586	702
	1200	P ₀₁		33.3	45.8	52.3	68.9	79.4	92.5	98.9	120	144	147	174	187	192	201
		P ₀₂		62.4	91.1	103	140	160	198	210	298	361	387	462	544	574	698
	1000	P ₀₁		31.6	44	50.4	66.8	77.4	90.7	97.5	122	148	154	185	210	219	236
		P ₀₂		54.6	80	90.7	123	141	175	186	266	324	349	417	498	528	646
25	1800	P ₀₁		32.3	43	49.4	64.6	72.5	82.8	87.2	97.2	110	102	116	*	*	*
		P ₀₂		74.1	106	122	165	186	228	243	329	398	414	486	544	587	674
	1500	P ₀₁		31.9	43.3	50.1	66.2	75.2	86.9	92.8	109	130	128	150	153	160	*
		P ₀₂		66.7	96.6	110	151	170	209	223	307	375	395	466	537	585	681
	1200	P ₀₁		31.8	43.7	50.6	67.4	77.1	89.7	96.4	117	142	144	170	189	202	208
		P ₀₂		59.1	86.2	99	135	153	188	202	281	346	367	435	513	563	662
	1000	P ₀₁		30.1	41.8	48.6	65	74.7	87.3	94.3	117	144	149	176	204	222	234
		P ₀₂		51.7	75.5	86.9	119	134	166	178	250	309	329	390	466	513	607

Gear Units Selection KR3 Ratio 12.5-25

额定机械功率 P_{2N} (kW) / Mechanical Power Rating P_{2N} (kW)									n_2	n_1	i_N
116	117	118	119	120	121	122	123	124			
	3769 *								144	1800	12.5
	3141 *		4272 *						120	1500	
	2513 *		3417 *						96	1200	
	2094		2848						80	1000	
3106 *	3539 *	3984 *	4862 *						129	1800	14
2576	2935 *	3305 *	4033 *	4537 *					107	1500	
2071	2359 *	2656 *	3241 *	3647 *					86	1200	
1709	1947	2193	2676	3010					71	1000	
2721 *	3253 *	3644 *	4496 *	4993 *					113	1800	16
2263	2706 *	3031 *	3740 *	4153 *					94	1500	
1806	2159 *	2418 *	2984 *	3314 *					75	1200	
1517	1814	2031	2506	2783					63	1000	
2513 *	3015 *	3350 *	4188 *	4586 *					100	1800	18
2085	2503 *	2781 *	3476 *	3806 *					83	1500	
1683	2020 *	2245 *	2806 *	3072 *					67	1200	
1407	1688	1876	2345	2568					56	1000	
2261 *	2827 *	3128 *	3958 *	4287 *					90	1800	20
1884	2356 *	2607 *	3298 *	3573 *	4397 *				75	1500	
1507	1884	2085 *	2638	2858 *	3518				60	1200	
1256	1570	1738	2198	2382	2931		4188 *		50	1000	
2010 *	2513 *	2890 *	3518 *	3937 *	4691 *				80	1800	22.4
1683	2104	2420 *	2946 *	3297 *	3928 *	4490 *			67	1500	
1357	1696	1950	2374 *	2657	3166 *	3618	4523 *		54	1200	
1130	1413	1625	1979	2214	2638	3015	3769 *	4240 *	45	1000	
1809 *	2261 *	2601 *	3166 *	3543 *	4221 *	4825 *			72	1800	25
1507	1884	2167	2638 *	2952 *	3518 *	4020 *			60	1500	
1206	1507	1734	2110 *	2362 *	2814 *	3216 *	4020 *	4523 *	48	1200	
1005	1256	1445	1759	1968	2345	2680	3350 *	3769 *	40	1000	

额定热功率 P_0 (kW) / Thermal Power Rating P_0 (kW)									n_1	i_N
116	117	118	119	120	121	122	123	124		
	*		*						P_{G1}	12.5
	*		*						P_{G2}	
	*		*						P_{G1}	
	*		*						P_{G2}	
	*		*						P_{G1}	14
	*		*						P_{G2}	
	*		*						P_{G1}	
	*		*						P_{G2}	
	*		*						P_{G1}	16
	*		*						P_{G2}	
	*		*						P_{G1}	
	*		*						P_{G2}	
	*		*						P_{G1}	18
	*		*						P_{G2}	
	*		*						P_{G1}	
	*		*						P_{G2}	
	*		*						P_{G1}	20
	*		*						P_{G2}	
	*		*						P_{G1}	
	*		*						P_{G2}	
	*		*						P_{G1}	22.4
	*		*						P_{G2}	
	*		*						P_{G1}	
	*		*						P_{G2}	
	*		*						P_{G1}	25
	*		*						P_{G2}	
	*		*						P_{G1}	
	*		*						P_{G2}	

注意/NOTES

卧式安装齿轮箱应采用强制润滑
Forced lubrication required on horizontal gear units

* 敬请咨询/On request

P_{G1} (kW) 齿轮箱不带辅助冷却装置 **)
Gear units without auxiliary cooling **)

P_{G2} (kW) 齿轮箱带冷却风扇 **)
Gear units with fan **)

**)
表中数值按
Values refer to : 每小时工作周
期: 100% 在室内大空间 安装
Operating cycle: 100 %
Installation in a large hall 海拔
高度至 1000m
Altitude up to 1000 m

温度修正系数 Temperature correction factor	
环境温度 Ambient	f_t
20°C	1.00
30°C	0.88
40°C	0.75
50°C	0.63

立式安装修正系数 Vertical mounting correction factor f_v	
齿轮箱类型 Gear unit type	KR2. V KR3. V KR4. V
	Size 102-110
供油方式 Oil supply	浸油润滑 Dip lubrication
无冷却风扇 without Fan	0.95
带冷却风扇 with Fan	0.95

注: 型号111以上请咨询。
Note: Size 111 above, on request .

齿轮箱 选型表 KR3 速比 28-56

i _N	n ₁	n ₂	额定机械功率 P _{2N} (kW) / Mechanical Power Rating P _{2N} (kW)														
			101	102	103	104	105	106	107	108	109	110	111	112	113	114	115
28	1800	64		44	77	103	145	182	239	293	425	517	607	757	1025 *	1159 *	1340 *
	1500	54		37	65	87	122	153	201	247	359	436	512	638	865	978	1130
	1200	43		30	52	69	97	122	160	197	285	347	408	508	688	778	900
	1000	36		25	43	58	81	102	134	165	239	291	341	425	576	652	753
31.5	1800	57		39	69	92	129	162	213	261	379	460	541	674	913 *	1032 *	1193 *
	1500	48		33	58	77	109	136	179	220	319	388	455	567	769	869	1005
	1200	38		26	46	61	86	108	142	174	252	307	360	449	608	688	795
	1000	32		22	38	51	72	91	119	146	212	258	303	378	512	579	670
35.5	1800	51		35	61	82	115	145	190	233	339	412	484	603	817 *	923 *	1068 *
	1500	42		29	51	68	95	119	157	192	279	339	398	496	672	760	879
	1200	34		23	41	55	77	96	127	155	226	274	322	402	544	615	712
	1000	28		19	34	45	63	79	104	128	186	226	265	331	448	507	586
40	1800	45		31	54	73	102	128	168	206	299	363	427	532	720 *	815 *	942 *
	1500	38		26	46	61	86	108	142	174	252	307	360	449	608	688	795
	1200	30		21	36	48	68	85	112	137	199	242	284	354	480	543	628
	1000	25		17	30	40	56	71	93	114	166	202	237	295	400	452	523
45	1800	40		28	48	64	90	113	149	183	265	323	379	473	640 *	724 *	837 *
	1500	33		23	40	53	74	93	123	151	219	266	313	390	528	597	691
	1200	27		18	32	43	61	76	100	123	179	218	256	319	432	489	565
	1000	22		15	26	35	49	62	82	100	146	177	208	260	352	398	460
50	1800	36		25	43	58	81	102	134	165	239	291	341	425	576	652 *	753 *
	1500	30		21	36	48	68	85	112	137	199	242	284	354	480	543	628
	1200	24		16	29	38	54	68	89	110	159	194	227	283	384	434	502
	1000	20		14	24	32	45	56	74	91	132	161	189	236	320	362	418
56	1800	32		22	38	51	72	91	119	146	212	258	303	378	512	579	670 *
	1500	27		18	32	43	61	76	100	123	179	218	256	319	432	489	565
	1200	21		14	25	34	47	59	78	96	139	169	199	248	336	380	439
	1000	17.9		12	21	29	40	50	66	82	119	144	170	211	286	324	374

i _N	n ₁		额定热功率 P ₆ (kW) / Thermal Power Rating P ₆ (kW)														
			101	102	103	104	105	106	107	108	109	110	111	112	113	114	115
28	1800	P ₆₁		31.4	42.6	49.9	63.4	72.9	82.5	89.4	100	117	112	130	*	*	*
		P ₆₂		71.1	103	121	157	182	218	240	320	390	404	479	554	577	700
	1500	P ₆₁		30.9	42.5	50	64.1	74.4	85	93.1	109	131	131	155	168	172	183
		P ₆₂		63.9	93.3	109	143	165	199	220	296	363	380	452	535	562	689
	1200	P ₆₁		30.7	42.6	50.3	64.8	75.5	86.8	95.6	114	140	143	170	195	204	222
		P ₆₂		56.6	83	97.5	127	148	179	197	269	332	350	417	503	531	656
	1000	P ₆₁		29	40.6	48	62.1	72.7	83.9	92.7	113	140	144	172	205	216	239
		P ₆₂		49.4	72.7	85.5	112	130	157	174	238	295	312	373	453	480	596
31.5	1800	P ₆₁		30.1	41	48	61.6	72	81.3	88.4	100	118	116	135	137	142	*
		P ₆₂		67.6	98.1	114	150	177	209	230	306	371	391	460	534	582	681
	1500	P ₆₁		29.4	40.7	47.8	61.7	72.7	82.7	90.7	106	129	131	154	170	183	190
		P ₆₂		60.7	88.5	103	136	160	190	210	282	344	365	430	508	558	658
	1200	P ₆₁		29.1	40.6	47.8	62	73.4	83.9	92.4	111	135	140	165	191	208	221
		P ₆₂		53.7	78.5	92.1	121	143	170	188	254	312	333	393	473	521	619
	1000	P ₆₁		27.5	38.6	45.5	59.2	70.3	80.6	89.1	108	133	139	165	196	215	232
		P ₆₂		46.8	68.7	80.6	106	125	149	165	225	276	296	350	423	468	557
35.5	1800	P ₆₁		28.5	39.1	46.9	59.4	69.7	78.9	86.3	100	118	119	137	146	149	155
		P ₆₂		63.3	92.1	110	142	168	199	219	296	356	381	443	525	555	674
	1500	P ₆₁		27.8	38.6	46.4	59.1	69.8	79.6	87.7	105	125	130	151	173	181	196
		P ₆₂		56.8	83	99.8	129	152	181	199	271	328	353	412	495	526	644
	1200	P ₆₁		27.5	38.4	46.3	59.2	70.2	80.3	88.8	108	131	137	160	189	201	221
		P ₆₂		50.2	73.6	88.6	114	136	161	178	244	296	321	375	457	487	599
	1000	P ₆₁		25.9	36.4	44	56.4	67	76.9	85.3	105	128	135	159	192	205	228
		P ₆₂		43.8	64.3	77.5	100	119	141	156	215	262	284	332	407	435	538
40	1800	P ₆₁		25	34.2	44.9	52.4	67.2	74.7	83.6	97	115	116	136	146	153	160
		P ₆₂		55.1	79.6	105	124	160	186	211	279	337	362	424	500	541	647
	1500	P ₆₁		24.3	33.7	44.3	52	67.1	75	84.4	100	121	125	147	168	180	194
		P ₆₂		49.4	71.6	94.6	112	144	168	191	255	310	334	392	469	510	614
	1200	P ₆₁		24	33.5	44.1	52	67.3	75.4	85.2	102	125	130	155	182	197	215
		P ₆₂		43.7	63.5	83.8	99.6	128	150	170	229	279	302	355	430	470	568
	1000	P ₆₁		22.6	31.7	41.8	49.4	64.1	72.1	81.6	99.6	122	128	152	183	199	220
		P ₆₂		38.1	55.5	73.3	87.1	112	131	149	201	246	267	315	383	419	508
45	1800	P ₆₁		24.5	33.5	42.5	51.3	64.4	69.5	80.4	90.8	113	110	134	142	154	159
		P ₆₂		53.9	77.7	98.4	120	151	170	199	257	326	333	409	465	517	607
	1500	P ₆₁		23.8	32.9	41.8	50.8	64	69.4	80.8	93.2	118	117	144	160	176	187
		P ₆₂		48.3	69.8	88.5	108	137	154	180	234	298	306	377	434	484	572
	1200	P ₆₁		23.5	32.7	41.5	50.6	64	69.6	81.3	95	121	122	150	171	189	204
		P ₆₂		42.6	61.8	78.4	96.1	121	137	160	210	268	276	341	397	444	526
	1000	P ₆₁		22.1	30.9	39.3	48	60.9	66.4	77.7	91.6	117	119	147	171	190	206
		P ₆₂		37.2	54	68.5	84.1	106	120	140	184	236	244	301	352	395	470
50	1800	P ₆₁		24.9	33.9	37.7	51.7	57.8	70.2	77.7	95.2	113	120	138	163	161	191
		P ₆₂		54.4	77.1	85.7	118	132	167	188	256	310	340	392	483	491	640
	1500	P ₆₁		24.2	33	36.8	50.7	56.9	69.3	77	95.8	115	124	142	174	174	210
		P ₆₂		48.7	69.2	76.9	106	119	151	169	232	281	310	358	445	453	593
	1200	P ₆₁		23.8	32.7	36.4	50.3	56.6	69.1	77	96.6	116	126	146	182	182	221
		P ₆₂		42.9	61.1	68	94.5	105	133	150	207	251	278	321	402	411	539
	1000	P ₆₁		22.4	30.8	34.4	47.6	53.6	65.5	73.1	92.4	112	122	141	178	179	219
		P ₆₂		37.4	53.3	59.4	82.5	92.5	117	131	181	221	244	283	356	363	478
56	1800	P ₆₁		23.1	31.6	37.2	48.7	57	66.1	73.2	89.4	108	116	133	161	179	193
		P ₆₂		50	71.4	83.7	110	129	156	173	234	288	314	363	450	504	601
	1500	P ₆₁		22.4	30.7	36.2	47.5	55.7	64.8	72	88.9	108	117	135	167	186	203
		P ₆₂		44.8	64	75.1	99.5	116	140	155	211	260	285	330	411	461	552
	1200	P ₆₁		22	30.2	35.7	47	55.2	64.3	71.5	88.9	108	118	136	171	191	210
		P ₆₂		39.4	56.5	66.3	87.9	102	124	137	188	232	254	294	369	415	497
	1000	P ₆₁		20.7	28.5	33.6	44.3	52.1	60.7	67.7	84.5	103	113	131	165	186	205
		P ₆₂		34.4	49.3	57.8	76.7	89.6	108	120	164	203	223	258	325	365	438

Gear Units Selection KR3 Ratio 28-56

额定机械功率 P_{2N} (kW) / Mechanical Power Rating P_{2N} (kW)									n_2	n_1	i_N
116	117	118	119	120	121	122	123	124			
1608 *	2010 *	2312 *	2814 *	3149 *	3752 *	4289 *			64	1800	28
1357	1696	1950	2374	2657 *	3166 *	3618 *	4523 *		54	1500	
1080	1350	1553	1891	2116 *	2521 *	2881 *	3602 *	4052 *	43	1200	
904	1130	1300	1583	1771	2110	2412	3015	3392 *	36	1000	
1432 *	1790 *	2059 *	2506 *	2805 *	3342 *	3819 *	4774 *		57	1800	31.5
1206	1507	1734	2110	2362	2814 *	3216 *	4020 *	4523 *	48	1500	
954	1193	1372	1671	1870	2228 *	2546 *	3183 *	3581 *	38	1200	
804	1005	1156	1407	1574	1876	2144	2680	3015	32	1000	
1281 *	1602 *	1842 *	2242 *	2509 *	2990 *	3417 *	4272 *	4806 *	51	1800	35.5
1055	1319	1517	1847	2067	2462	2814 *	3518 *	3958 *	42	1500	
854	1068	1228	1495	1673	1993	2278 *	2848 *	3204 *	34	1200	
703	879	1011	1231	1378	1641	1876	2345	2638	28	1000	
1130 *	1413 *	1625 *	1979 *	2214 *	2638 *	3015 *	3769 *	4240 *	45	1800	40
954	1193	1372	1671	1870	2228	2546	3183 *	3581 *	38	1500	
753	942	1083	1319	1476	1759	2010	2513 *	2827 *	30	1200	
628	785	903	1099	1230	1465	1675	2094	2356	25	1000	
1005 *	1256 *	1445 *	1759 *	1968 *	2345 *	2680 *	3350 *	3769 *	40	1800	45
829	1036	1192	1451	1624	1935	2211	2764	3109 *	33	1500	
678	848	975	1187	1328	1583	1809	2261	2544 *	27	1200	
552	691	794	967	1082	1290	1474	1842	2073	22	1000	
904 *	1130 *	1300 *	1583 *	1771 *	2110 *	2412 *	3015 *	3392 *	36	1800	50
753	942	1083	1319	1476	1759	2010	2513	2827	30	1500	
603	753	867	1055	1181	1407	1608	2010	2261	24	1200	
502	628	722	879	984	1172	1340	1675	1884	20	1000	
804 *	1005 *	1156 *	1407 *	1574 *	1876 *	2144 *	2680 *	3015 *	32	1800	56
678	848	975	1187	1328	1583	1809	2261	2544	27	1500	
527	659	758	923	1033	1231	1407	1759	1979	21	1200	
449	562	646	787	880	1049	1199	1499	1686	17.9	1000	

注意/NOTES

 卧式安装齿轮箱应采用强制润滑
Forced lubrication required on horizontal gear units

 敬请咨询/On request

P_{G1} (kW) 齿轮箱不带辅助冷却装置 **)
Gear units without auxiliary cooling **)

P_{G2} (kW) 齿轮箱带冷却风扇 **)
Gear units with fan **)

**): 表中数值按
Values refer to : 每小时工作周
期: 100% 在室内大空间 安装
Operating cycle: 100 %
Installation in a large hall 海拔
高度至 1000m
Altitude up to 1000 m

额定热功率 P _a (kW) / Thermal Power Rating P _a (kW)										n ₁	i _N
116	117	118	119	120	121	122	123	124			
*	*	*	*	*	*	*	*	*	P _{G1}	1800	28
716	826	869	794	773	*	*	*	*	P _{G2}		
182	200	*	*	*	*	*	*	*	P _{G1}	1500	
711	828	878	855	869	*	*	*	*	P _{G2}		
227	257	269	244	*	*	*	*	*	P _{G1}	1200	
682	800	854	868	906	*	*	*	*	P _{G2}		
248	285	302	301	306	*	*	*	*	P _{G1}	1000	
621	731	782	811	857	*	*	*	*	P _{G2}		
*	*	*	*	*	*	*	*	*	P _{G1}	1800	31.5
731	814	874	802	815	*	*	*	*	P _{G2}		
199	216	227	*	*	*	*	*	*	P _{G1}	1500	
712	799	863	831	871	*	*	*	*	P _{G2}		
236	260	279	257	256	*	*	*	*	P _{G1}	1200	
673	760	824	822	881	*	*	*	*	P _{G2}		
250	279	302	299	312	*	*	*	*	P _{G1}	1000	
608	688	749	759	821	*	*	*	*	P _{G2}		
155	*	*	*	*	*	*	*	*	P _{G1}	1800	35.5
705	813	849	813	810	*	*	*	*	P _{G2}		
203	228	235	*	*	*	*	*	*	P _{G1}	1500	
677	786	825	821	839	*	*	*	*	P _{G2}		
232	265	277	265	263	*	*	*	*	P _{G1}	1200	
633	739	779	798	830	*	*	*	*	P _{G2}		
241	278	293	297	306	*	*	*	*	P _{G1}	1000	
569	666	703	731	767	*	*	*	*	P _{G2}		
164	175	*	*	*	*	*	*	*	P _{G1}	1800	40
690	779	836	786	808	*	*	*	*	P _{G2}		
204	226	240	208	*	*	*	*	*	P _{G1}	1500	
657	747	805	783	822	*	*	*	*	P _{G2}		
230	258	277	262	266	*	*	*	*	P _{G1}	1200	
611	698	754	753	804	*	*	*	*	P _{G2}		
236	267	289	287	302	*	*	*	*	P _{G1}	1000	
548	627	679	686	738	*	*	*	*	P _{G2}		
169	179	190	*	*	*	*	*	*	P _{G1}	1800	45
665	737	801	746	785	*	*	*	*	P _{G2}		
203	221	240	207	206	*	*	*	*	P _{G1}	1500	
629	700	765	733	785	*	*	*	*	P _{G2}		
224	247	270	251	263	*	*	*	*	P _{G1}	1200	
581	650	712	698	758	*	*	*	*	P _{G2}		
228	253	278	270	291	*	*	*	*	P _{G1}	1000	
520	582	638	634	692	*	*	*	*	P _{G2}		
184	212	216	206	*	*	*	*	*	P _{G1}	1800	50
639	739	780	837	783	*	*	*	*	P _{G2}		
204	240	247	260	232	*	*	*	*	P _{G1}	1500	
594	690	730	799	757	*	*	*	*	P _{G2}		
218	257	266	293	269	*	*	*	*	P _{G1}	1200	
542	631	669	744	712	*	*	*	*	P _{G2}		
216	256	267	302	283	*	*	*	*	P _{G1}	1000	
481	561	595	668	641	*	*	*	*	P _{G2}		
211	229	240	236	234	*	*	*	*	P _{G1}	1800	56
665	731	771	823	866	*	*	*	*	P _{G2}		
225	245	260	271	279	*	*	*	*	P _{G1}	1500	
612	675	712	772	818	*	*	*	*	P _{G2}		
233	256	272	293	307	*	*	*	*	P _{G1}	1200	
553	611	645	708	755	*	*	*	*	P _{G2}		
228	251	268	294	312	*	*	*	*	P _{G1}	1000	
488	540	571	630	675	*	*	*	*	P _{G2}		

温度修正系数 Temperature correction factor	
环境温度 Ambient	f_1
20°C	1.00
30°C	0.88
40°C	0.75
50°C	0.63

立式安装修正系数 Vertical mounting correction factor f_2	
齿轮箱类型 Gear unit type	KR2. V KR3. V KR4. V
	Size 102-110
供油方式 Oil supply	浸油润滑 Dip lubrication
无冷却风扇 without Fan	0.95
带冷却风扇 with Fan	0.95

注: 型号111以上请咨询。
Note: Size 111 above, on request .

齿轮箱 选型表 KR3 速比 63-90

i _N	n ₁	n ₂	额定机械功率 P _{2N} (kW) / Mechanical Power Rating P _{2N} (kW)														
			101	102	103	104	105	106	107	108	109	110	111	112	113	114	115
63	1800	29		20	34	47	64	82	108	133	192	234	275	343	464	525	607 *
	1500	24		16	28	38	53	68	89	110	159	194	227	283	384	434	502
	1200	19		13	22	30	42	54	71	87	126	153	180	224	304	344	397
	1000	15.9		10	18	25	35	45	59	72	105	128	151	188	254	288	332
71	1800	25		17	28	40	52	71	89	114	157	202	237	295	400	452	523 *
	1500	21		14	24	34	43	59	74	96	131	169	199	248	336	380	439
	1200	16.9		11	19	27	35	48	60	77	106	136	160	199	270	306	353
	1000	14.1		9.7	16	22	29	40	50	64	88	113	133	166	225	255	295
80	1800	23				33		64		105		185		272		416	
	1500	18.8				27		52		86		151		222		340	
	1200	15				21		42		68		121		177		271	
	1000	12.5				18		35		57		101		147		226	
90	1800	20				29		52		90		157		236			
	1500	16.7				24		44		75		131		197			
	1200	13.3				19		35		59		104		157			
	1000	11.1				16		29		49		87		131			

i _N	n ₁		额定热功率 P ₀ (kW) / Thermal Power Rating P ₀ (kW)														
			101	102	103	104	105	106	107	108	109	110	111	112	113	114	115
63	1800	P ₀₁		22.3	30.4	37.1	47.3	56.6	64.2	72.5	87.3	108	114	137	158	168	192
		P ₀₂		48.3	68.7	82.9	107	127	150	168	226	283	303	367	431	463	579
	1500	P ₀₁		21.6	29.5	36	46.1	55.2	62.8	71	86.3	108	114	138	162	173	199
		P ₀₂		43.2	61.6	74.2	96.2	114	135	151	203	255	275	332	393	422	529
	1200	P ₀₁		21.2	29.1	35.5	45.5	54.6	62.2	70.4	86.1	108	114	139	165	177	204
		P ₀₂		38	54.3	65.5	84.9	100	119	134	180	227	244	296	352	378	475
	1000	P ₀₁		19.9	27.4	33.4	42.8	51.5	58.7	66.5	81.7	103	109	133	159	171	198
		P ₀₂		33.1	47.3	57.1	74.1	88.1	104	117	158	198	214	259	309	333	419
71	1800	P ₀₁		20.7	29.1	34.3	45.2	52.7	60.4	67.4	81.3	100	107	127	153	163	184
		P ₀₂		44.8	65.3	76.3	102	118	141	156	210	257	285	334	409	444	546
	1500	P ₀₁		20	28.2	33.3	43.9	51.4	59	65.9	80.2	99.9	107	127	155	167	190
		P ₀₂		40	58.5	68.4	91.7	106	126	140	189	232	258	302	372	404	498
	1200	P ₀₁		19.6	27.7	32.8	43.3	50.8	58.3	65.3	79.9	99.8	108	128	158	170	194
		P ₀₂		35.3	51.6	60.3	80.9	93.6	112	124	167	206	229	269	333	362	446
	1000	P ₀₁		18.4	26.1	30.8	40.8	47.8	55	61.7	75.7	94.8	103	122	151	164	187
		P ₀₂		30.7	44.9	52.6	70.5	81.7	97.8	108	146	180	201	236	292	318	393
80	1800	P ₀₁				32.9		51.1		65.3		96.9		123		158	
		P ₀₂				73.6		114		151		248		323		423	
	1500	P ₀₁				31.9		49.7		63.8		95.8		123		161	
		P ₀₂				65.9		102		136		224		291		384	
	1200	P ₀₁				31.4		49.1		63.1		95.5		123		163	
		P ₀₂				58.1		90.5		120		198		259		343	
	1000	P ₀₁				29.5		46.2		59.6		90.7		117		157	
		P ₀₂				50.6		79		105		173		227		301	
90	1800	P ₀₁				31.5		48.8		61.5		90.9		116			
		P ₀₂				70		108		142		231		302			
	1500	P ₀₁				30.5		47.4		60		89.6		115			
		P ₀₂				62.7		97.6		127		208		273			
	1200	P ₀₁				30		46.8		59.3		89.2		115			
		P ₀₂				55.2		86.1		112		184		242			
	1000	P ₀₁				28.2		44		55.9		84.5		110			
		P ₀₂				48.1		75.1		98.4		161		212			

Gear Units Selection KR3 Ratio 63-90

额定机械功率 P_{2N} (kW) / Mechanical Power Rating P_{2N} (kW)									n_2	n_1	i_N
116	117	118	119	120	121	122	123	124			
728 *	910 *	1047 *	1275 *	1427 *	1700 *	1943 *	2429 *	2732 *	29	1800	63
603	753	867	1055	1181	1407	1608	2010	2261	24	1500	
477	596	686	835	935	1114	1273	1591	1790	19	1200	
399	499	574	699	782	932	1065	1331	1498	15.9	1000	
628 *	785 *	903 *	1099 *	1230 *	1465 *	1675 *	2094 *	2356 *	25	1800	71
527	659	758	923	1033	1231	1407	1759	1979	21	1500	
424	530	610	743	831	990	1132	1415	1592	16.9	1200	
354	442	509	620	693	826	944	1181	1328	14.1	1000	
578 *		830 *		1131 *		1541 *		2167 *	23	1800	80
472		679		925		1259		1771	18.8	1500	
376		541		738		1005		1413	15	1200	
314		451		615		837		1178	12.5	1000	
									20	1800	90
									16.7	1500	
									13.3	1200	
									11.1	1000	

注意/NOTES



卧式安装齿轮箱应采用强制润滑
Forced lubrication required on horizontal gear units



敬请咨询/On request

P_{G1} (kW)

齿轮箱不带辅助冷却装置 **)
Gear units without auxiliary cooling **)

P_{G2} (kW)

齿轮箱带冷却风扇 **)
Gear units with fan **)

**)

表中数值按
Values refer to : 每小时工作周
期: 100% 在室内大空间 安装
Operating cycle: 100 %
Installation in a large hall 海拔
高度至 1000m
Altitude up to 1000 m

额定热功率 P_G (kW) / Thermal Power Rating P_G (kW)										n_1	i_N
116	117	118	119	120	121	122	123	124			
202	231	242	244	240	*	*	*	*	P_{G1}	1800	63
615	712	750	808	828	*	*	*	*	P_{G2}		
211	243	256	272	275	*	*	*	*	P_{G1}	1500	
563	654	689	752	776	*	*	*	*	P_{G2}		
217	251	266	289	297	*	*	*	*	P_{G1}	1200	
507	589	622	686	712	*	*	*	*	P_{G2}		
211	245	260	287	298	*	*	*	*	P_{G1}	1000	
447	520	549	608	633	*	*	*	*	P_{G2}		
198	222	239	238	243	*	*	*	*	P_{G1}	1800	71
590	671	726	763	808	*	*	*	*	P_{G2}		
205	232	251	261	273	*	*	*	*	P_{G1}	1500	
539	615	666	707	754	*	*	*	*	P_{G2}		
210	239	259	275	292	*	*	*	*	P_{G1}	1200	
484	553	600	643	689	*	*	*	*	P_{G2}		
204	232	252	272	291	*	*	*	*	P_{G1}	1000	
426	487	529	569	612	*	*	*	*	P_{G2}		
190		231		237		*		*	P_{G1}	1800	80
556		684		764		*		*	P_{G2}		
196		240		262		*		*	P_{G1}	1500	
507		626		710		*		*	P_{G2}		
200		247		278		*		*	P_{G1}	1200	
454		563		647		*		*	P_{G2}		
193		239		276		*		*	P_{G1}	1000	
400		495		574		*		*	P_{G2}		
									P_{G1}	1800	90
									P_{G2}		
									P_{G1}	1500	
									P_{G2}		
									P_{G1}	1200	
									P_{G2}		
									P_{G1}	1000	
									P_{G2}		

**温度修正系数
Temperature correction factor**

环境温度 Ambient	f_1
20°C	1.00
30°C	0.88
40°C	0.75
50°C	0.63

**立式安装修正系数
Vertical mounting correction factor
 f_2**

齿轮箱类型 Gear unit type	KR2. V KR3. V KR4. V
	Size 102-110
供油方式 Oil supply	浸油润滑 Dip lubrication
无冷却风扇 without Fan	0.95
带冷却风扇 with Fan	0.95

注: 型号111以上请咨询。
Note: Size 111 above, on request .

齿轮箱 选型表 KR4 速比 80-160

i _N	n ₁	n ₂	额定机械功率 P _{2N} (kW) / Mechanical Power Rating P _{2N} (kW)														
			101	102	103	104	105	106	107	108	109	110	111	112	113	114	115
80	1800	23			27		52		85		148		218		368		481
	1500	18.8			22		42		70		121		178		301		393
	1200	15			18		34		56		96		142		240		314
	1000	12.5			15		28		46		80		118		200		261
90	1800	20			24		45		74		129		189		320	362	418
	1500	16.7			20		37		62		107		158		267	302	349
	1200	13.3			16		30		49		85		126		213	240	278
	1000	11.1			13		25		41		71		105		177	201	232
100	1800	18			21	29	40	51	67	83	116	147	170	212	288	326	376
	1500	15			18	24	34	42	56	69	96	122	142	177	240	271	314
	1200	12			14	19	27	34	44	55	77	98	113	141	192	217	251
	1000	10			12	16	22	28	37	46	64	81	94	118	160	181	209
112	1800	16.1			19	26	36	45	60	74	103	131	152	190	257	291	337
	1500	13.4			16	21	30	38	50	62	86	109	127	158	214	242	280
	1200	10.7			12	17	24	30	39	49	69	87	101	126	171	193	224
	1000	8.9			10	14	20	25	33	41	57	72	84	105	142	161	186
125	1800	14.4			17	23	32	41	53	66	92	117	136	170	230	260	301
	1500	12			14	19	27	34	44	55	77	98	113	141	192	217	251
	1200	9.6			11	15	21	27	35	44	61	78	91	113	153	173	201
	1000	8			9.7	12	18	22	29	37	51	65	75	94	128	144	167
140	1800	12.9			15	20	29	36	48	59	83	105	122	152	206	233	270
	1500	10.7			12	17	24	30	39	49	69	87	101	126	171	193	224
	1200	8.6			10	13	19	24	32	39	55	70	81	101	137	155	180
	1000	7.1			8.6	11	16	20	26	32	45	57	67	84	113	128	148
160	1800	11.3			13	18	25	32	42	52	72	92	107	133	181	204	236
	1500	9.4			11	15	21	26	35	43	60	76	89	111	150	170	196
	1200	7.5			9.1	12	17	21	28	34	48	61	71	88	120	135	157
	1000	6.3			7.6	10	14	17	23	29	40	51	59	74	100	114	131

i _N	n ₁		额定热功率 P _e (kW) / Thermal Power Rating P _e (kW)														
			101	102	103	104	105	106	107	108	109	110	111	112	113	114	115
80	1800	P ₀₁			33		48.6		68.1		100		130		168		184
	1500	P ₀₁			31.7		46.9		66.1		98.6		130		171		189
	1200	P ₀₁			30.5		45.1		63.5		94.9		125		165		183
	1000	P ₀₁			28.6		42.4		60		90.6		121		162		183
90	1800	P ₀₁			32.3		47.2		66.8		97.9		129		163	173	178
	1500	P ₀₁			31.1		45.5		64.7		95.9		128		164	175	183
	1200	P ₀₁			29.9		43.7		62.2		92.3		123		159	170	176
	1000	P ₀₁			27.9		41		58.6		87.9		118		155	167	175
100	1800	P ₀₁			30.9	35.4	44.8	52	63.6	68.8	94.7	112	123	142	155	168	170
	1500	P ₀₁			29.6	34	43.1	50.2	61.5	66.7	92.4	110	121	140	156	169	173
	1200	P ₀₁			28.5	32.7	41.4	48.2	59.1	64.1	88.9	106	117	135	150	163	167
	1000	P ₀₁			26.6	30.6	38.8	45.3	55.6	60.4	84.4	101	112	130	146	160	164
112	1800	P ₀₁			29.8	34.7	43.2	50.6	61.4	67.5	90.7	109	118	139	150	161	165
	1500	P ₀₁			28.6	33.3	41.5	48.8	59.2	65.3	88.3	106	116	137	149	161	167
	1200	P ₀₁			27.5	32	39.9	46.9	56.9	62.7	84.9	102	112	132	144	155	161
	1000	P ₀₁			25.6	29.9	37.4	44	53.5	59	80.4	97.6	107	126	139	151	157
125	1800	P ₀₁			28.5	33.2	41.4	48	58.8	64.3	87.3	105	114	133	144	155	160
	1500	P ₀₁			27.4	31.8	39.7	46.2	56.6	62.1	84.8	102	112	130	143	155	159
	1200	P ₀₁			26.3	30.6	38.2	44.4	54.4	59.7	81.5	98.4	108	125	138	149	154
	1000	P ₀₁			24.5	28.6	35.7	41.6	51	56	77	93.2	102	119	132	144	149
140	1800	P ₀₁			27.3	32	39.4	46.5	55.6	62.2	83.1	100	109	128	141	150	156
	1500	P ₀₁			26.1	30.7	37.8	44.6	53.5	59.9	80.4	97.8	107	125	139	148	155
	1200	P ₀₁			25.1	29.5	36.3	42.9	51.4	57.5	77.3	94.1	103	120	134	143	149
	1000	P ₀₁			23.4	27.5	33.9	40.1	48.1	53.9	72.8	88.8	97.6	114	128	137	144
160	1800	P ₀₁			25.2	30.7	36.1	44.5	51	59.5	76.2	97.2	104	124	135	146	150
	1500	P ₀₁			24.1	29.4	34.5	42.7	49	57.2	73.6	94.1	101	121	132	143	147
	1200	P ₀₁			23.1	28.2	33.2	41	47	54.9	70.7	90.4	97.8	116	127	138	142
	1000	P ₀₁			21.5	26.3	30.9	38.2	44	51.3	66.4	85.1	92.4	110	121	132	136

Gear Units Selection KR4 Ratio 80-160

额定机械功率 P_{2N} (kW) / Mechanical Power Rating P_{2N} (kW)									n_2	n_1	i_N
116	117	118	119	120	121	122	123	124			
	722 *		1011 *		1348 *		1926 *		23	1800	80
	590		826		1102		1574		18.8	1500	
	471		659		879		1256		15	1200	
	392		549		732		1047		12.5	1000	
502	628 *	722 *	879 *	984 *	1172 *	1340 *	1675 *	1884 *	20	1800	90
419	524	603	734	821	979	1119	1398	1573	16.7	1500	
334	417	480	584	654	779	891	1114	1253	13.3	1200	
278	348	400	488	546	650	743	929	1046	11.1	1000	
452	565 *	650 *	791 *	885 *	1055 *	1206 *	1507 *	1696 *	18	1800	100
376	471	541	659	738	879	1005	1256	1413	15	1500	
301	376	433	527	590	703	804	1005	1130	12	1200	
251	314	361	439	492	586	670	837	942	10	1000	
404	505 *	581 *	708 *	792 *	944 *	1078 *	1348 *	1517 *	16.1	1800	112
336	420	484	589	659	785	898	1122	1262	13.4	1500	
268	336	386	470	526	627	717	896	1008	10.7	1200	
223	279	321	391	438	521	596	745	838	8.9	1000	
361	452 *	520 *	633 *	708 *	844 *	965 *	1206 *	1357 *	14.4	1800	125
301	376	433	527	590	703	804	1005	1130	12	1500	
241	301	346	422	472	562	643	804	904	9.6	1200	
201	251	289	351	393	469	536	670	753	8	1000	
324	405 *	466 *	567 *	634 *	756 *	864 *	1080 *	1215 *	12.9	1800	140
268	336	386	470	526	627	717	896	1008	10.7	1500	
216	270	310	378	423	504	576	720	810	8.6	1200	
178	223	256	312	349	416	475	594	669	7.1	1000	
283	354 *	408 *	496 *	556 *	662 *	757 *	946 *	1064 *	11.3	1800	160
236	295	339	413	462	551	629	787	885	9.4	1500	
188	235	270	329	369	439	502	628	706	7.5	1200	
158	197	227	277	310	369	422	527	593	6.3	1000	

额定热功率 P_G (kW) / Thermal Power Rating P_G (kW)									n_1	i_N	
116	117	118	119	120	121	122	123	124			
	245		312		*		*		P_{G1}	1800	80
	256		343		*		*		P_{G1}	1500	
	248		334		*		*		P_{G1}	1200	
	250		351		*		*		P_{G1}	1000	
190	239	253	311	311	*	*	*	*	P_{G1}	1800	90
195	248	264	337	345	*	*	*	*	P_{G1}	1500	
189	240	255	327	336	*	*	*	*	P_{G1}	1200	
188	240	256	339	355	*	*	*	*	P_{G1}	1000	
185	230	247	301	312	*	*	*	*	P_{G1}	1800	100
188	236	255	321	339	*	*	*	*	P_{G1}	1500	
182	228	247	311	330	*	*	*	*	P_{G1}	1200	
180	227	246	319	344	*	*	*	*	P_{G1}	1000	
177	223	238	300	302	*	*	*	*	P_{G1}	1800	112
179	227	243	315	323	*	*	*	*	P_{G1}	1500	
173	219	235	306	314	*	*	*	*	P_{G1}	1200	
169	216	232	309	322	*	*	*	*	P_{G1}	1000	
171	216	231	290	303	*	*	*	*	P_{G1}	1800	125
172	218	234	300	318	*	*	*	*	P_{G1}	1500	
166	210	226	291	309	*	*	*	*	P_{G1}	1200	
161	205	221	291	313	*	*	*	*	P_{G1}	1000	
166	212	224	288	294	*	*	*	*	P_{G1}	1800	140
165	211	225	294	304	*	*	*	*	P_{G1}	1500	
159	204	217	284	294	*	*	*	*	P_{G1}	1200	
154	198	211	281	294	*	*	*	*	P_{G1}	1000	
162	204	220	278	292	*	*	*	*	P_{G1}	1800	160
160	202	218	281	298	*	*	*	*	P_{G1}	1500	
155	194	210	271	288	*	*	*	*	P_{G1}	1200	
148	187	203	265	284	*	*	*	*	P_{G1}	1000	

注意/NOTES

 卧式安装齿轮箱应采用强制润滑
Forced lubrication required on horizontal gear units

 敬请咨询/On request

P_{G1} (kW) 齿轮箱不带辅助冷却装置 **)
Gear units without auxiliary cooling **)

P_{G2} (kW) 齿轮箱带冷却风扇 **)
Gear units with fan **)

**)
表中数值按
Values refer to : 每小时工作周
期: 100% 在室内大空间 安装
Operating cycle: 100 %
Installation in a large hall 海拔
高度至 1000m
Altitude up to 1000 m

温度修正系数
Temperature correction factor

环境温度 Ambient	f_t
20°C	1.00
30°C	0.88
40°C	0.75
50°C	0.63

立式安装修正系数
Vertical mounting correction factor
 f_v

齿轮箱类型 Gear unit type	KR2. V KR3. V KR4. V
	Size 102-110
供油方式 Oil supply	浸油润滑 Dip lubrication
无冷却风扇 without Fan	0.95
带冷却风扇 with Fan	0.95

注: 型号111以上请咨询。
Note: Size 111 above, on request .

齿轮箱 选型表 KR4 速比 180-400

i _N	n ₁	n ₂	额定机械功率 P _{2N} (kW) / Mechanical Power Rating P _{2N} (kW)														
			101	102	103	104	105	106	107	108	109	110	111	112	113	114	115
180	1800	10			12	16	22	28	37	46	64	81	94	118	160	181	209
	1500	8.3			10	13	18	23	31	38	53	67	78	98	132	150	173
	1200	6.7			8.1	10	15	19	25	31	43	54	63	79	107	121	140
	1000	5.6			6.8	9	12	15	20	25	36	45	53	66	89	101	117
200	1800	9			10	14	20	25	33	41	58	73	85	106	144	163	188
	1500	7.5			9.1	12	17	21	28	34	48	61	71	88	120	135	157
	1200	6			7.2	9.7	13	17	22	27	38	49	56	70	96	108	125
	1000	5			6	8.1	11	14	18	23	32	40	47	59	80	90	104
224	1800	8			9.7	12	18	22	29	37	51	65	75	94	128	144	167
	1500	6.7			8.1	10	15	19	25	31	43	54	63	79	107	121	140
	1200	5.4			6.5	8.7	12	15	20	24	34	44	51	63	86	97	113
	1000	4.5			5.4	7.3	10	12	16	20	29	36	42	53	72	81	94
250	1800	7.2			8.7	11	16	20	26	33	46	58	68	85	115	130	150
	1500	6			7.2	9.7	13	17	22	27	38	49	56	70	96	108	125
	1200	4.8			5.8	7.7	10	13	17	22	30	39	45	56	76	86	100
	1000	4			4.8	6.4	9	11	14	18	25	32	37	47	64	72	83
280	1800	6.4			7.7	10	14	18	23	29	41	52	60	75	102	115	134
	1500	5.4			6.5	8.7	12	15	19	24	34	44	51	63	86	97	113
	1200	4.3			5.2	6.9	9.7	12	15	19	27	35	40	50	68	77	90
	1000	3.6			4.3	5.8	8.1	10	13	16	23	29	34	42	57	65	75
315	1800	5.7			6.6	9.2	12	16	20	26	35	46	54	67	91	103	119
	1500	4.8			5.6	7.7	10	13	17	22	30	39	45	56	76	86	100
	1200	3.8			4.4	6.1	8.1	10	13	17	23	31	36	44	60	68	79
	1000	3.2			3.7	5.1	6.8	9.1	11	14	20	26	30	37	51	57	67
355	1800	5.1				8.2		14		23		41		60		92	
	1500	4.2				6.8		11		19		34		49		76	
	1200	3.4				5.5		9.4		15		27		40		61	
	1000	2.8				4.5		7.7		12		22		33		50	
400	1800	4.5				6.8		12		20		35		53			
	1500	3.8				5.7		10		17		29		44			
	1200	3				4.5		8		13		23		35			
	1000	2.5				3.7		6.6		11		19		29			

i _N	n ₁		额定热功率 P _G (kW) / Thermal Power Rating P _G (kW)														
			101	102	103	104	105	106	107	108	109	110	111	112	113	114	115
180	1800	P _{G1}			24.7	29.4	35.2	42.5	50	56.6	74.6	92.6	99.8	118	129	140	143
	1500	P _{G1}			23.6	28.1	33.7	40.7	47.9	54.3	71.8	89.3	96.5	114	125	136	140
	1200	P _{G1}			22.7	27	32.4	39	46	52.2	69	85.9	92.8	110	120	131	135
	1000	P _{G1}			21.1	25.1	30.1	36.4	42.9	48.7	64.6	80.6	87.2	103	114	124	128
200	1800	P _{G1}			23.9	27.1	35	38.9	49.1	52	73.4	85.2	98.3	113	128	134	143
	1500	P _{G1}			22.8	25.9	33.5	37.2	47	49.8	70.5	81.9	94.7	109	124	130	139
	1200	P _{G1}			21.9	24.9	32.1	35.7	45.1	47.8	67.7	78.7	91	105	119	125	134
	1000	P _{G1}			20.4	23.1	29.9	33.2	42	44.6	63.2	73.6	85.2	98.5	112	117	126
224	1800	P _{G1}			22.3	26.7	32.7	38.1	46.1	50.9	69.5	83.7	92.9	108	121	133	135
	1500	P _{G1}			21.3	25.4	31.2	36.4	44	48.6	66.5	80.2	89.1	104	117	128	130
	1200	P _{G1}			20.4	24.4	30	34.9	42.3	46.7	63.8	77	85.6	99.8	112	123	125
	1000	P _{G1}			19	22.7	27.8	32.4	39.3	43.4	59.4	71.8	79.9	93.2	105	116	117
250	1800	P _{G1}			21.8	25.7	31.7	37.8	44.6	50.1	67.6	82.3	90.6	106	119	126	133
	1500	P _{G1}			20.8	24.5	30.2	36	42.5	47.8	64.5	78.6	86.6	101	114	120	127
	1200	P _{G1}			20	23.5	29	34.6	40.8	45.8	61.9	75.4	83.1	97.4	109	116	122
	1000	P _{G1}			18.5	21.8	26.9	32.1	37.9	42.5	57.5	70.1	77.3	90.6	102	108	114
280	1800	P _{G1}			20.9	24.1	29.8	35.4	42.7	47.1	65	77.7	86.3	100	112	123	126
	1500	P _{G1}			19.8	22.9	28.4	33.7	40.6	44.8	61.8	74	82.1	95.9	106	117	120
	1200	P _{G1}			19	22	27.2	32.3	39	43	59.3	71	78.8	92	102	113	115
	1000	P _{G1}			17.6	20.4	25.2	30	36.1	39.8	55	65.8	73	85.2	95	104	107
315	1800	P _{G1}			19.5	23.5	27.9	34.1	40.1	45.4	60.7	75.2	82.3	97.4	106	116	119
	1500	P _{G1}			18.6	22.3	26.6	32.4	38.2	43.2	57.8	71.6	78.4	92.7	100	110	113
	1200	P _{G1}			17.8	21.4	25.5	31.1	36.6	41.5	55.4	68.7	75.2	89	96.9	106	109
	1000	P _{G1}			16.5	19.8	23.6	28.8	33.9	38.4	51.3	63.7	69.6	82.4	89.7	98.5	101
355	1800	P _{G1}				22.4		32		43.3		71.8		92		109	
	1500	P _{G1}				21.3		30.4		41.2		68.4		87.6		103	
	1200	P _{G1}				20.5		29.2		39.6		65.6		84		99.7	
	1000	P _{G1}				19		27.1		36.6		60.8		77.8		92.4	
400	1800	P _{G1}				21		30		40.8		67		87.6			
	1500	P _{G1}				19.9		28.6		38.9		63.8		83.4			
	1200	P _{G1}				19.1		27.4		37.3		61.2		80			
	1000	P _{G1}				17.7		25.4		34.5		56.7		74.1			

Gear Units Selection KR4 Ratio 180-400

额定机械功率 P_{2N} (kW) / Mechanical Power Rating P_{2N} (kW)									n_2	n_1	i_N
116	117	118	119	120	121	122	123	124			
251	314 *	361 *	439 *	492 *	586 *	670 *	837 *	942 *	10	1800	180
208	260	299	365	408	486	556	695	782	8.3	1500	
168	210	242	294	329	392	449	561	631	6.7	1200	
140	175	202	246	275	328	375	469	527	5.6	1000	
226	282 *	325 *	395 *	442 *	527 *	603 *	753 *	848 *	9	1800	200
188	235	270	329	369	439	502	628	706	7.5	1500	
150	188	216	263	295	351	402	502	565	6	1200	
125	157	180	219	246	293	335	418	471	5	1000	
201	251 *	289 *	351 *	393 *	469 *	536 *	670 *	753 *	8	1800	224
168	210	242	294	329	392	449	561	631	6.7	1500	
135	169	195	237	265	316	361	452	508	5.4	1200	
113	141	162	197	221	263	301	376	424	4.5	1000	
180	226 *	260 *	316 *	354 *	422 *	482 *	603 *	678 *	7.2	1800	250
150	188	216	263	295	351	402	502	565	6	1500	
120	150	173	211	236	281	321	402	452	4.8	1200	
100	125	144	175	196	234	268	335	376	4	1000	
160	201 *	231 *	281 *	314 *	375 *	428 *	536 *	603 *	6.4	1800	280
135	169	195	237	265	316	361	452	508	5.4	1500	
108	135	155	189	211	252	288	360	405	4.3	1200	
90	113	130	158	177	211	241	301	339	3.6	1000	
143	179 *	205 *	250 *	280 *	334 *	381 *	477 *	537 *	5.7	1800	315
120	150	173	211	236	281	321	402	452	4.8	1500	
95	119	137	167	187	222	254	318	358	3.8	1200	
80	100	115	140	157	187	214	268	301	3.2	1000	
128		184 *		250 *		341 *		480 *	5.1	1800	355
105		151		206		281		395	4.2	1500	
85		122		167		227		320	3.4	1200	
70		101		137		187		263	2.8	1000	
									4.5	1800	400
									3.8	1500	
									3	1200	
									2.5	1000	

额定热功率 P_0 (kW) / Thermal Power Rating P_0 (kW)										n_1	i_N
116	117	118	119	120	121	122	123	124			
155	194	211	266	285	*	*	*	*	P_{01}	1800	180
152	190	208	266	286	*	*	*	*	P_{01}	1500	
146	183	200	256	276	*	*	*	*	P_{01}	1200	
139	175	191	248	269	*	*	*	*	P_{01}	1000	
150	196	201	264	274	*	*	*	*	P_{01}	1800	200
146	191	196	260	271	*	*	*	*	P_{01}	1500	
140	183	189	251	261	*	*	*	*	P_{01}	1200	
132	174	179	240	251	*	*	*	*	P_{01}	1000	
149	187	205	253	273	*	*	*	*	P_{01}	1800	224
144	181	198	246	266	*	*	*	*	P_{01}	1500	
138	174	190	237	256	*	*	*	*	P_{01}	1200	
130	163	179	224	243	*	*	*	*	P_{01}	1000	
142	184	195	251	262	*	*	*	*	P_{01}	1800	250
136	176	187	241	252	*	*	*	*	P_{01}	1500	
131	169	180	232	243	*	*	*	*	P_{01}	1200	
122	158	168	217	227	*	*	*	*	P_{01}	1000	
139	175	191	245	260	*	*	*	*	P_{01}	1800	280
132	167	182	233	247	*	*	*	*	P_{01}	1500	
127	160	174	224	237	*	*	*	*	P_{01}	1200	
117	148	161	207	220	*	*	*	*	P_{01}	1000	
131	166	180	228	248	*	*	*	*	P_{01}	1800	315
124	158	172	217	236	*	*	*	*	P_{01}	1500	
119	152	165	209	227	*	*	*	*	P_{01}	1200	
110	140	153	193	210	*	*	*	*	P_{01}	1000	
123		170		231		*		*	P_{01}	1800	355
117		162		220		*		*	P_{01}	1500	
113		155		211		*		*	P_{01}	1200	
104		144		196		*		*	P_{01}	1000	
									P_{01}	1800	400
									P_{01}	1500	
									P_{01}	1200	
									P_{01}	1000	

注意/NOTES



卧式安装齿轮箱应采用强制润滑
Forced lubrication required on horizontal gear units



敬请咨询/On request

P_{01} (kW)

齿轮箱不带辅助冷却装置 **)
Gear units without auxiliary cooling **)

P_{02} (kW)

齿轮箱带冷却风扇 **)
Gear units with fan **)

**)

表中数值按
Values refer to : 每小时工作周
期: 100% 在室内大空间 安装
Operating cycle: 100 %
Installation in a large hall 海拔
高度至 1000m
Altitude up to 1000 m

**温度修正系数
Temperature correction factor**

环境温度 Ambient	f_1
20°C	1.00
30°C	0.88
40°C	0.75
50°C	0.63

**立式安装修正系数
Vertical mounting correction factor
 f_2**

齿轮箱类型 Gear unit type	KR2. V KR3. V KR4. V
	Size 102-110
供油方式 Oil supply	浸油润滑 Dip lubrication
无冷却风扇 without Fan	0.95
带冷却风扇 with Fan	0.95

注: 型号111以上请咨询。
Note: Size 111 above, on request .

齿轮箱 额定输出扭矩KP.. 101-124

Gear Units Nominal output torques KP.. 101-12

额定输出扭矩 T _{2N} (kNm) Nominal output torques T _{2N} (kNm)																								
i _N	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124
1. 25	2. 9		8		15. 2		24. 7																	
1. 4	3. 1		8. 2		15. 9		25. 6																	
1. 6	3. 3		8. 6		16. 3		27. 1		46		67. 4													
1. 8	2. 7		8. 8		17. 4		28		47. 6		70. 9													
2	2. 8		9. 4		17. 8		28. 7		49. 1		72. 9		129											
2. 24	2. 8		9. 6		17. 8		28. 7		50. 6		75. 2		130											
2. 5	2. 9		9. 6		17. 8		28. 7		50. 6		77		117											
2. 8	3. 1		9. 6		17. 1		27. 2		50. 6		77		120		171									
3. 15	3. 1		9. 6		17. 4		28. 1		48. 1		73. 1		124		173									
3. 55	3. 2		9. 5		17. 8		28. 6		50. 2		74. 4		126		173									
4	3. 2		9. 6		17. 8		28. 7		50. 6		75. 7		130		173		245							
4. 5	2. 5		7. 7		15. 8		24. 6		46		61. 6		109		146		216							
5	2. 4		7. 2		13. 8		23. 5		38. 7		58. 3		95		124		174							
5. 6	2. 3		6. 9		13. 1		20. 1		36. 5		55. 4		90. 4		118		150							
6. 3		6. 3	10. 7		20. 3		33. 7		59. 3		86		143		195		292							
7. 1		6. 5	11. 2		20. 3		33. 7		59. 3		86		143	160	195	230	292	335	410					
8		6. 7	11. 2	13. 5	20. 3	25. 6	33. 7	42. 2	59. 3	73. 8	86	107	143	160	195	230	292	335	410	458				
9		6. 7	11. 2	14. 4	20. 3	25. 6	33. 7	42. 2	59. 3	73. 8	86	107	143	160	195	230	292	335	410	458	540			
10		6. 3	10. 5	14. 4	20. 3	25. 6	33. 7	42. 2	59. 3	73. 8	86	107	143	160	195	230	292	335	410	458	540	620		
11. 2		6. 3	10. 6	14. 4	20. 3	25. 6	33. 7	42. 2	59. 3	73. 8	86	107	143	160	195	230	292	335	410	458	540	620	780	
12. 5		6. 7	11. 2	13. 5	20. 2	25. 6	33. 7	42. 2	59. 3	73. 8	86	107	143	160	195	230	292	335	410	458	540	620	780	880
14		6. 7	11. 2	13. 5	20. 3	25. 6	33. 7	42. 2	59. 3	73. 8	86	107	143	160	195	230	292	335	410	458	540	620	780	880
16		6. 7	11. 2	14. 4	20. 3	25. 5	33. 7	42. 2	59. 3	73. 8	86	107	143	160	195	230	292	335	410	458	540	620	780	880
18		6. 3	10. 5	14. 4	19	25. 6	33. 7	42. 2	59. 3	73. 8	86	107	143	160	195	230	292	335	410	458	540	620	780	880
20		6. 6	11. 2	14. 4	19	25. 6	33. 7	42. 2	59. 3	73. 8	86	107	143	160	195	230	292	335	410	458	540	620	780	880
22. 4		6. 3	10. 9	13. 5	19. 8	24	33. 1	42. 2	58. 3	73. 8	88	107	153	160	200	230	300	335	420	458	560	620	800	880
25			11. 6	14. 3	21. 7	24	35. 7	42. 2	63. 5	73. 8	88	107	153	173	200	240	300	345	420	470	560	640	800	900
28			11. 6	13. 9	21. 7	25	35. 7	41. 6	63. 5	72. 5	88	109	153	173	200	240	300	345	420	470	560	640	800	900
31. 5			11. 6	15. 5	21. 7	27. 2	35. 7	43. 8	63. 5	77. 2	88	109	153	173	200	240	300	345	420	470	560	640	800	900
35. 5			11. 6	15. 5	21. 7	27. 2	35. 7	43. 8	63. 5	77. 2	88	109	153	173	200	240	300	345	420	470	560	640	800	900
40			11. 6	15. 5	21. 7	27. 2	35. 7	43. 8	63. 5	77. 2	88	109	153	173	200	240	300	345	420	470	560	640	800	900
45			11. 6	15. 5	21. 7	27. 2	35. 7	43. 8	63. 5	77. 2	88	109	153	173	200	240	300	345	420	470	560	640	800	900
50			11. 6	15. 5	21. 7	27. 2	35. 7	43. 8	63. 5	77. 2	88	109	153	173	200	240	300	345	420	470	560	640	800	900
56			11. 6	15. 5	21. 7	27. 2	35. 7	43. 8	63. 5	77. 2	88	109	153	173	200	240	300	345	420	470	560	640	800	900
63			11. 6	15. 5	21. 7	27. 2	35. 7	43. 8	63. 5	77. 2	88	109	153	173	200	240	300	345	420	470	560	640	800	900
71			11. 6	15. 5	21. 7	27. 2	35. 7	43. 8	63. 5	77. 2	88	109	153	173	200	240	300	345	420	470	560	640	800	900
80			11. 6	15. 5	21. 7	27. 2	35. 7	43. 8	63. 5	77. 2	88	109	153	173	200	240	300	345	420	470	560	640	800	900
90			11. 6	15. 5	20	27. 2	34. 5	43. 8	63. 5	77. 2	88	109	153	173	200	240	290	345	410	470	560	640	800	900
100				14. 5	21. 7	27. 2	35. 7	43. 8	61. 6	77. 2	90. 7	109	153	173	200	226	300	335	420	465	560	640	800	900
112				15	21. 7	25. 2	35. 7	42. 8	61. 6	77. 2	90. 7	109	153	173	200	240	300	345	420	470	560	640	800	900
125					21. 7	27. 2	35. 7	44. 2	61. 6	78	90. 7	113	153	173	200	240	300	345	420	470	560	640	800	900
140					21. 7	27. 2	35. 7	44. 2	61. 6	78	90. 7	113	153	173	200	240	300	345	420	470	560	640	800	900
160					21. 7	27. 2	35. 7	44. 2	61. 6	78	90. 7	113	153	173	200	240	300	345	420	470	560	640	800	900
180					21. 7	27. 2	35. 7	44. 2	61. 6	78	90. 7	113	153	173	200	240	300	345	420	470	560	640	800	900
200					21. 7	27. 2	35. 7	44. 2	61. 6	78	90. 7	113	153	173	200	240	300	345	420	470	560	640	800	900
224					21. 7	27. 2	35. 7	44. 2	61. 6	78	90. 7	113	153	173	200	240	300	345	420	470	560	640	800	900
250					21. 7	27. 2	35. 7	44. 2	61. 6	78	90. 7	113	153	173	200	240	300	345	420	470	560	640	800	900
280					21. 7	27. 2	35. 7	44. 2	61. 6	78	90. 7	113	153	173	200	240	300	345	420	470	560	640	800	900
315					21. 7	27. 2	35. 7	44. 2	61. 6	78	90. 7	113	153	173	200	240	300	345	420	470	560	640	800	900
355					19. 6	27. 2	35. 7	44. 2	61. 6	78	90. 7	113	140	173	192	240	290	345	410	470	560	640	800	900
400						27. 2		44. 2		78		113		158		223		335		465		640		900
450						25. 3		42. 8		78		113												

齿轮箱 额定输出扭矩KR.. 102-124

Gear Units Nominal output torques KR.. 102-12

额定输出扭矩 T _{2N} (kNm) Nominal output torques T _{2N} (kNm)																							
i _N	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124
5	6.1	9.4		19		29.9		46		68.6		122											
5.6	6.2	9.4		19		29.9		48.1		69.6		122	135	195									
6.3	6.2	9.4	12	19	23.8	29.9	38	50.2	58.8	73.8	85.2	130	141	195									
7.1	6.2	9.4	12	19	23.8	29.9	38	52.4	60.9	75.9	87.3	132	145	195	230								
8	6.2	9.4	12	19	23.8	29.9	38	54	63.1	80	91.5	132	148	195	230								
9	6.2	9.4	12	19	23.8	29.9	38	54	65.2	81.1	94.6	132	148	195	230								
10	6.2	9.4	12	19	23.8	29.9	38	54	66.3	81.1	98.8	132	148	195	230								
11.2	6.2	9.4	12	19	23.8	29.9	38	54	66.3	81.1	101	132	148	195	230								
12.5	5.5	9.4	12	17	23.8	28	38	52.4	66.3	79.5	101	132	148	195	230	250		340					
14	6	9.8	12	18.2	23.8	29.5	38	56.7	66.3	81.6	101	137	148	195	230	262	295	360	405				
16	6.6	10.5	12	19.8	21.5	31	35.6	59.9	66.3	83.8	99.4	142	154	200	230	275	308	380	422				
18	6.7	11.3	12.6	21.1	23.1	33.9	37.5	62	69.5	86.7	102	148	160	200	240	288	320	400	438				
20	6.7	11.6	13.2	21.7	25	35.7	39.3	63.5	72.7	90.7	105	153	167	200	240	300	332	420	455	560		800	
22.4	6.7	11.6	14.2	21.7	26.5	35.7	41.8	63.5	75.6	90.7	108	153	173	200	240	300	345	420	470	560	640	800	900
25	6.7	11.6	15.5	21.7	27.2	35.7	43.8	63.5	77.2	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
28	6.7	11.6	15.5	21.7	27.2	35.7	43.8	63.5	77.2	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
31.5	6.7	11.6	15.5	21.7	27.2	35.7	43.8	63.5	77.2	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
35.5	6.7	11.6	15.5	21.7	27.2	35.7	43.8	63.5	77.2	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
40	6.7	11.6	15.5	21.7	27.2	35.7	43.8	63.5	77.2	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
45	6.7	11.6	15.5	21.7	27.2	35.7	43.8	63.5	77.2	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
50	6.7	11.6	15.5	21.7	27.2	35.7	43.8	63.5	77.2	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
56	6.7	11.6	15.5	21.7	27.2	35.7	43.8	63.5	77.2	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
63	6.6	11.4	15.5	21.4	27.2	35.7	43.8	63.5	77.2	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
71	6.6	11	15.5	20	27.2	34	43.8	60	77.2	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
80		11.6	14	21.7	26.9	35.7	43.8	61.6	77.2	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
90		11.6	14	21.7	25.2	35.7	43	61.6	75	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
100		11.6	15.5	21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
112		11.6	15.5	21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
125		11.6	15.5	21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
140		11.6	15.5	21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
160		11.6	15.5	21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
180		11.6	15.5	21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
200		11.6	15.5	21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
224		11.6	15.5	21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
250		11.6	15.5	21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
280		11.6	15.5	21.7	27.2	35.3	44.2	61.6	78	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
315		11.2	15.5	20.5	27.2	34	44.2	60	78	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
355			15.5		26.5		44.2		78		113		173		240		345		470		640		900
400			14.5		25.5		43		75		113												

齿轮箱 实际减速比KP.. 101-124.

实际减速比 i												
i _n	101	102	103	104	105	106	107	108	109	110	111	112
1.25	1.243	—	1.256	—	1.263	—	1.270	—	—	—	—	—
1.4	1.371	—	1.378	—	1.389	—	1.400	—	—	—	—	—
1.6	1.594	—	1.588	—	1.606	—	1.625	—	1.636	—	1.588	—
1.8	1.829	—	1.839	—	1.774	—	1.800	—	1.806	—	1.839	—
2	2.000	—	2.034	—	1.966	—	2.000	—	2.000	—	2.034	—
2.24	2.194	—	2.259	—	2.308	—	2.231	—	2.222	—	2.259	—
2.5	2.536	—	2.520	—	2.583	—	2.500	—	2.480	—	2.520	—
2.8	2.808	—	2.826	—	2.800	—	2.741	—	2.783	—	2.826	—
3.15	3.125	—	3.190	—	3.130	—	3.208	—	3.080	—	3.208	—
3.55	3.500	—	3.591	—	3.524	—	3.591	—	3.478	—	3.591	—
4	3.950	—	4.050	—	4.000	—	4.050	—	3.905	—	4.050	—
4.5	4.435	—	4.619	—	4.400	—	4.381	—	4.421	—	4.619	—
5	4.952	—	4.900	—	4.905	—	4.947	—	5.150	—	4.900	—
5.6	5.579	—	5.556	—	5.526	—	5.684	—	5.474	—	5.556	—
6.3	—	6.319	6.286	—	6.088	—	6.260	—	6.246	—	6.410	—
7.1	—	6.857	7.213	—	7.048	—	7.247	—	6.900	—	7.100	—
8	—	7.778	7.889	7.792	7.799	7.676	8.018	7.848	7.644	7.941	7.889	7.944
9	—	8.485	8.652	8.940	8.660	8.887	8.904	9.085	8.974	8.772	8.799	8.800
10	—	9.722	10.002	9.778	9.660	9.833	9.932	10.053	10.046	9.718	9.861	9.778
11.2	—	10.694	11.075	10.724	10.648	10.920	11.138	11.163	10.889	11.410	10.811	10.906
12.5	—	12.444	12.326	12.397	11.807	12.180	12.574	12.452	12.174	12.773	12.655	12.222
14	—	13.865	13.806	13.726	13.939	13.426	14.152	13.964	13.704	13.844	14.164	13.399
16	—	15.556	15.581	15.278	15.717	14.887	15.962	15.765	15.556	15.478	15.975	15.685
18	—	17.602	17.493	17.111	17.598	17.576	18.204	17.743	17.111	17.423	17.280	17.556
20	—	19.444	19.534	19.311	19.742	19.817	19.312	20.012	19.074	19.778	19.515	19.800
22.4	—	22.037	22.006	21.681	20.982	22.189	21.895	22.824	21.491	21.756	22.020	21.418
25	—	—	25.011	24.212	25.540	24.892	25.439	24.212	24.706	24.251	25.372	24.187
28	—	—	28.490	27.275	27.711	26.456	29.187	27.451	28.602	27.325	29.373	27.292
31.5	—	—	31.161	30.999	31.433	32.202	31.924	31.894	31.648	31.412	32.501	31.447
35.5	—	—	34.177	35.312	34.291	34.940	35.013	36.593	35.144	36.366	36.092	36.406
40	—	—	39.508	38.622	39.292	39.633	40.474	40.024	39.200	40.238	40.257	40.283
45	—	—	43.745	42.360	43.221	43.236	44.816	43.897	43.210	44.683	45.147	44.733
50	—	—	48.689	48.967	50.293	49.542	49.881	50.744	47.911	49.840	50.968	49.896
56	—	—	54.532	54.220	56.033	54.496	55.866	56.187	56.566	54.938	57.365	55.957
63	—	—	61.543	60.347	62.867	63.413	63.049	62.537	63.778	60.916	64.699	63.171
71	—	—	69.742	67.589	71.139	70.651	70.787	70.041	71.414	71.919	73.789	71.100
80	—	—	78.723	76.279	78.583	79.267	79.049	79.046	80.111	81.089	78.278	80.190
90	—	—	86.806	86.440	89.061	89.696	89.050	88.748	85.146	90.798	88.750	91.457
100	—	—	—	97.572	101.554	99.083	101.210	99.106	103.639	101.856	103.114	97.020
112	—	—	—	107.590	115.256	112.294	115.290	111.645	112.450	108.257	118.306	110.000
125	—	—	—	—	125.733	128.046	126.098	126.890	127.556	131.769	129.398	127.803
140	—	—	—	—	143.985	145.322	138.301	144.542	139.152	142.973	141.920	146.633
160	—	—	—	—	158.251	158.533	159.874	158.093	159.444	162.178	164.058	160.380
180	—	—	—	—	174.630	181.546	177.022	173.392	175.389	176.921	181.654	175.901
200	—	—	—	—	193.629	199.533	197.028	200.439	204.089	202.722	202.184	203.339
224	—	—	—	—	228.606	220.185	220.671	221.938	227.382	222.994	226.446	225.149
250	—	—	—	—	257.753	244.141	249.043	247.020	255.111	259.484	255.560	250.594
280	—	—	—	—	288.615	288.242	282.219	276.663	288.678	289.100	286.925	280.665
315	—	—	—	—	305.352	324.993	318.563	312.234	318.889	324.356	320.413	316.751
355	—	—	—	—	344.112	363.906	351.273	353.827	361.407	367.034	360.951	355.625
400	—	—	—	—	—	385.010	—	399.393	—	405.444	—	397.131
450	—	—	—	—	—	433.881	—	440.402	—	459.504	—	447.376

Gear Units

Actual Ratios KP. 101-124

Actual Ratios i												
113	114	115	116	117	118	119	120	121	122	123	124	i _n
												1.25
												1.4
												1.6
												1.8
2.000	—	2.000	—	1.967	—	—	—	—	—	—	—	2
2.231	—	2.250	—	2.296	—	—	—	—	—	—	—	2.24
2.481	—	2.481	—	2.560	—	—	—	—	—	—	—	2.5
2.760	—	2.760	—	2.870	—	—	—	—	—	—	—	2.8
3.087	—	3.087	—	3.238	—	—	—	—	—	—	—	3.15
3.476	—	3.476	—	3.450	—	—	—	—	—	—	—	3.55
3.947	—	3.947	—	3.944	—	—	—	—	—	—	—	4
4.579	—	4.526	—	4.400	—	—	—	—	—	—	—	4.5
5.100	—	4.900	—	4.950	—	—	—	—	—	—	—	5
5.778	—	5.556	—	5.700	—	—	—	—	—	—	—	5.6
6.449	—	6.154	—	6.410	—	6.500	—	6.306	—	6.280	—	6.3
7.120	7.316	7.125	7.147	7.100	7.312	7.200	7.265	7.038	7.059	6.915	7.232	7.1
7.882	8.076	7.884	8.274	7.889	8.100	8.000	8.047	7.882	7.878	7.635	7.963	8
8.758	8.941	8.755	9.155	8.799	9.000	8.923	8.941	8.868	8.824	8.915	8.792	9
9.774	9.935	9.765	10.167	9.788	10.038	9.926	9.973	9.780	9.926	9.939	10.266	10
10.967	11.087	10.951	11.340	10.887	11.167	11.040	11.094	10.878	10.948	11.141	11.445	11.2
12.139	12.440	12.432	12.717	12.176	12.420	12.348	12.339	12.166	12.176	12.571	12.829	12.5
13.708	13.769	13.915	14.438	13.712	13.891	13.905	13.801	13.700	13.619	13.394	14.476	14
15.389	15.550	15.694	16.159	15.570	15.643	15.789	15.541	15.557	15.336	15.314	15.424	16
17.424	17.457	17.899	18.225	18.061	17.763	18.316	17.647	17.839	17.415	17.082	17.634	18
20.297	19.765	18.988	20.786	20.117	20.605	20.400	20.471	19.312	19.969	19.218	19.671	20
21.374	23.024	20.930	22.050	21.782	22.950	22.368	22.800	22.039	21.618	21.108	22.129	22.4
24.716	24.245	24.202	24.306	25.283	24.850	25.837	25.000	25.457	24.671	24.322	24.306	25
27.304	28.036	26.736	28.106	28.006	28.844	28.523	28.877	28.103	28.497	28.157	28.007	28
30.248	30.971	29.619	31.048	31.117	31.950	31.579	31.879	31.115	31.459	31.156	32.424	31.5
35.514	34.311	34.776	34.397	34.708	35.500	35.088	35.294	34.572	34.830	34.598	35.876	35.5
39.756	40.284	38.929	40.385	38.897	39.596	39.158	39.216	38.582	38.700	38.591	39.840	40
43.090	45.096	42.194	45.208	42.642	44.375	43.936	43.765	43.290	43.189	43.278	44.438	45
48.175	48.878	47.174	49.000	49.917	48.648	48.632	49.105	47.916	48.459	49.132	49.835	50
54.229	54.647	53.102	54.783	55.870	56.948	54.920	54.353	54.112	53.638	54.990	56.576	56
61.557	61.514	60.278	61.667	63.013	63.739	61.654	61.381	60.747	60.573	62.021	63.322	63
67.713	69.826	66.306	70.000	68.162	71.888	69.806	68.908	68.780	68.001	70.735	71.418	71
75.481	76.809	73.912	77.000	76.974	77.762	81.316	78.019	80.120	76.992	75.037	81.452	80
85.046	85.620	83.279	85.833	88.439	87.816	86.427	90.882	85.156	89.687	85.076	86.407	90
97.768	96.471	95.735	96.711	100.079	100.895	99.020	96.594	97.564	95.323	100.783	97.967	100
113.186	110.901	110.833	111.176	115.862	114.174	109.386	110.670	107.778	109.214	111.637	116.054	112
125.238	128.390	122.634	128.710	128.198	132.180	121.182	122.255	119.400	120.647	124.041	128.552	125
139.074	142.060	136.183	142.414	142.362	146.254	142.279	135.439	140.186	133.657	138.354	142.835	140
155.125	157.756	151.900	158.148	158.792	162.413	159.273	159.017	156.931	156.925	155.051	159.316	160
170.993	175.962	167.438	176.400	178.079	181.156	172.632	178.011	170.093	175.669	169.982	178.544	180
189.597	193.962	185.656	194.444	201.040	203.160	193.004	192.941	190.166	190.402	198.983	195.737	200
223.845	215.065	219.192	215.600	226.272	229.355	217.257	215.711	214.062	212.872	222.710	229.132	224
252.385	253.914	247.139	254.545	255.201	258.141	246.617	242.817	242.990	239.622	251.183	256.454	250
282.605	286.288	276.730	287.000	291.058	291.144	271.278	275.630	267.289	272.004	271.709	289.241	280
317.021	320.566	310.431	321.364	308.761	332.052	302.399	303.193	297.952	299.204	306.839	312.877	315
336.946	359.606	329.942	360.500	350.069	352.249	340.720	337.975	335.710	333.528	352.538	353.329	355
—	382.207	—	383.158	—	399.375	—	380.805	—	375.794	—	405.953	400
												450

齿轮箱 实际减速比KR.. 102- -124

实际减速比 i											
i _N	102	103	104	105	106	107	108	109	110	111	112
5	4.936	5.006	-	4.865	-	5.002	-	4.897	-	4.967	-
5.6	5.480	5.488	-	5.333	-	5.483	-	5.534	-	5.613	-
6.3	6.296	6.386	6.205	6.206	6.135	6.381	6.271	6.296	6.226	6.386	6.156
7.1	6.959	7.058	6.802	6.860	6.725	7.053	6.875	7.037	7.036	7.138	6.957
8	7.549	7.657	7.915	7.880	7.825	8.101	8.000	7.994	8.005	8.108	7.915
9	8.693	8.817	8.749	8.569	8.649	8.810	8.842	8.693	8.947	8.817	8.847
10	9.872	10.108	9.490	9.823	9.935	10.099	10.157	9.965	10.164	10.108	10.049
11.2	10.769	10.923	10.928	10.615	10.804	10.914	11.045	10.769	11.052	10.923	10.928
12.5	12.034	12.703	12.528	12.433	12.385	12.554	12.662	12.334	12.670	12.482	12.528
14	13.484	13.964	13.538	13.515	13.385	14.137	13.683	13.821	13.692	13.721	13.538
16	15.601	15.835	15.826	16.275	15.773	15.952	15.693	15.522	15.888	16.354	15.552
18	17.482	17.407	17.307	17.692	17.041	17.963	17.724	17.393	17.572	17.978	17.007
20	19.614	19.645	19.729	19.948	20.648	20.259	19.940	19.744	19.995	20.276	20.376
22.4	21.919	21.954	21.575	22.146	22.308	22.208	22.520	21.643	22.114	22.226	22.282
25	25.380	25.421	24.349	25.446	25.152	25.843	25.400	25.185	25.103	25.864	25.131
28	27.836	27.881	27.211	28.125	27.923	28.563	27.842	27.836	27.517	28.587	27.548
31.5	30.196	30.245	31.508	30.509	32.084	30.985	32.400	31.975	32.021	32.838	32.057
35.5	34.771	34.827	34.557	35.131	35.461	35.679	35.811	34.771	35.392	35.709	35.432
40	39.487	39.551	37.486	39.896	38.468	40.902	38.846	39.861	40.654	40.936	40.700
45	43.077	43.146	43.166	43.523	44.296	44.202	44.732	43.077	44.209	44.238	44.259
50	49.060	49.139	49.021	49.568	50.304	50.341	51.280	49.060	50.681	50.383	50.737
56	55.152	55.240	53.477	55.723	54.877	56.592	55.417	55.152	54.769	56.639	54.831
63	60.808	60.906	60.904	61.438	62.499	62.396	63.114	60.808	62.376	62.448	62.446
71	69.293	69.404	68.467	70.011	70.259	71.102	70.951	69.293	70.121	71.161	70.200
80	-	77.598	75.489	79.267	77.465	79.497	78.228	80.949	77.313	82.118	77.400
90	-	86.720	86.022	88.585	88.274	88.842	89.143	89.869	88.101	90.016	88.200
100	-	100.413	96.178	102.572	99.945	102.869	99.667	103.259	102.921	104.750	101.780
112	-	110.130	107.484	112.498	111.694	112.824	111.384	114.129	114.262	115.777	111.569
125	-	119.466	124.455	122.035	129.330	122.389	128.971	123.804	131.287	125.592	129.831
140	-	137.567	136.499	140.525	141.846	140.933	141.452	142.562	145.106	144.621	143.498
160	-	156.225	148.071	159.585	153.871	160.047	153.443	161.897	157.408	165.791	155.663
180	-	170.427	170.506	174.092	177.184	174.597	176.692	176.615	181.258	179.166	179.248
200	-	194.098	193.631	198.272	201.215	198.847	200.656	201.145	205.841	204.050	205.487
224	-	218.199	211.234	222.891	219.508	223.537	218.898	226.121	224.554	229.386	222.065
250	-	240.578	240.572	245.752	249.995	246.464	249.300	249.313	255.742	252.913	252.907
280	-	274.147	270.443	280.042	281.036	280.855	280.256	284.101	287.497	288.204	284.310
315	-	302.121	298.181	308.618	309.861	309.513	309.000	313.091	316.984	317.612	313.470
355	-	-	339.788	-	353.097	-	352.116	-	361.214	-	357.210
400	-	-	374.460	-	389.127	-	388.046	-	398.073	-	393.660

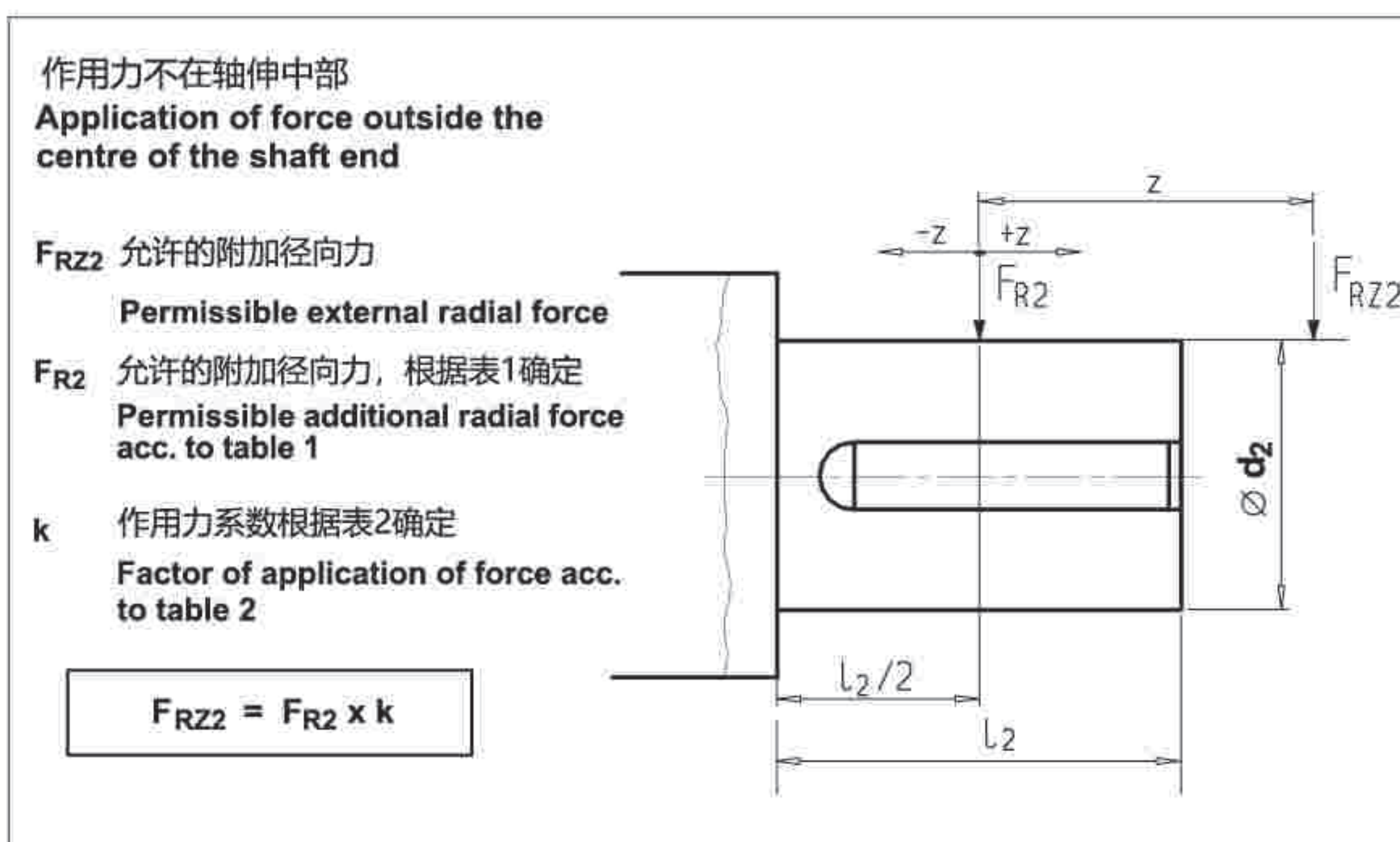
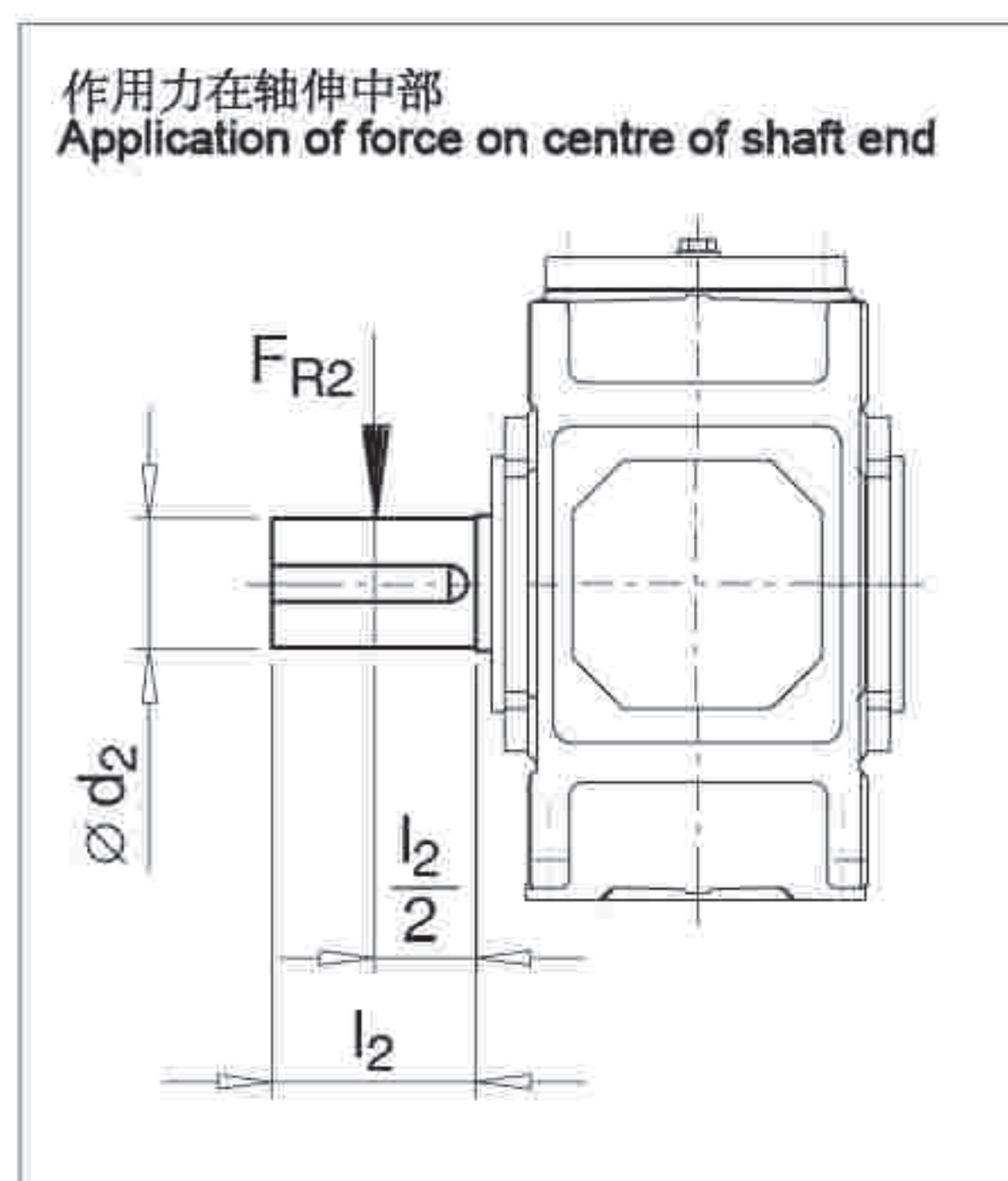
Gear Units

Actual Ratios KR.. 102-124

Actual Ratios i												
113	114	115	116	117	118	119	120	121	122	123	124	i _n
4.963												5
5.609	5.630	5.514										5.6
6.340	6.362	6.234										6.3
7.132	7.192	7.012	7.239									7.1
8.101	8.090	7.965	8.143									8
8.810	9.190	8.662	9.250									9
10.099	9.993	9.930	10.059									10
10.914	11.456	10.731	11.531									11.2
12.172	12.380	12.770	12.462	12.062	-	12.256	-	-	-	-	-	12.5
13.810	13.832	13.790	14.654	13.709	13.698	13.902	13.719	-	-	-	-	14
15.215	15.665	16.226	16.014	15.192	15.640	15.436	15.538	-	-	-	-	16
17.262	17.290	17.522	18.620	17.267	17.252	17.510	17.279	-	-	-	-	18
19.379	19.581	19.762	20.348	19.607	19.698	19.883	19.570	19.591	-	19.284	-	20
21.900	21.982	22.333	22.950	22.158	22.368	22.470	22.222	22.139	21.930	21.793	22.206	22.4
24.916	24.842	25.409	25.936	25.048	25.278	25.400	25.113	25.027	24.783	24.635	25.095	25
27.847	28.263	28.398	29.507	28.175	28.576	28.571	28.389	28.151	28.015	27.711	28.368	28
31.634	31.588	32.259	32.979	32.005	32.143	32.456	31.933	31.979	31.513	31.478	31.909	31.5
34.400	35.883	35.080	37.463	34.804	36.513	35.294	36.275	34.775	35.797	34.231	36.248	35.5
39.435	39.021	40.215	40.738	39.899	39.706	40.461	39.446	39.866	38.927	39.241	39.417	40
42.617	44.732	43.460	46.702	43.117	45.518	43.725	45.221	43.082	44.626	42.407	45.187	45
48.536	48.341	49.496	50.469	49.106	49.190	49.798	48.869	49.065	48.226	48.297	48.833	50
54.562	55.055	55.641	57.479	55.203	56.022	55.981	55.656	55.158	54.924	54.294	55.615	56
60.158	61.892	61.348	64.616	60.865	62.978	61.722	62.567	60.815	61.744	59.863	62.520	63
68.553	68.239	69.909	71.243	69.358	69.438	70.335	68.984	69.301	68.076	68.216	68.933	71
78.131	77.761	76.506	81.184	79.977	79.127	77.639	78.610	76.497	77.575	78.100	78.551	80
85.645	88.626	83.865	88.846	87.670	91.242	87.739	86.772	86.448	85.631	88.260	89.933	90
99.664	97.150	97.593	97.391	102.020	100.017	99.821	98.061	98.353	96.770	100.414	101.633	100
110.155	113.052	107.865	113.333	112.759	116.389	111.565	111.565	109.924	110.097	112.228	115.629	112
126.535	124.952	123.904	125.263	129.526	128.641	126.733	124.690	124.870	123.049	127.487	129.232	125
137.599	143.532	134.739	143.889	140.851	147.769	137.815	141.643	135.788	139.780	138.634	146.803	140
157.741	156.082	154.462	156.471	161.470	160.690	157.989	154.029	155.665	152.002	158.928	159.639	160
170.467	178.930	166.923	179.375	174.496	184.212	170.735	176.576	168.224	174.252	171.749	183.008	180
194.143	193.365	190.107	193.846	198.732	199.073	194.448	190.821	191.588	188.310	195.603	197.772	200
218.249	220.222	213.712	220.769	223.408	226.722	218.592	217.324	215.377	214.464	219.891	225.240	224
240.634	247.566	235.631	248.182	246.322	254.874	241.012	244.309	237.467	241.094	242.444	253.208	250
274.210	272.957	268.510	273.636	280.692	281.015	274.641	269.366	270.602	265.822	276.274	279.178	280
302.191	311.045	295.909	311.818	309.334	320.226	302.666	306.952	298.215	302.913	304.465	318.133	315
-	342.784	-	343.636	-	352.902	-	338.273	-	333.823	-	350.596	355
												400

齿轮箱 允许附加的径向力

Gear units Permissible additional radial forces



表格/Table 1																	
允许的附加径向力 F_{R2} (kN), 作用在输出轴轴伸中部																	
Permissible additional radial forces F_{R2} in kN with application of force on centre of shaft end																	
类型 Type	轴布置 Shaft Arrangement	齿轮箱型号 / Gear Unit Sizes															
		101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116
KP1SH	RL/LR	请咨询/On Request															
KP2S.	RL/LR/TL/TR	-	10	22	22	30	30	30	45	64	64	150	150	140	205	205	205
	RR/LL	-	10	13	13	18	18	10	28	35	35	112	112	85	135	135	135
KR2S.	LL/RR	-	13	27	27	37	37	38	55	78	78	160	160	150	210	210	210
	LR/RL	-	12	15	15	17	17	10	30	35	38	110	110	75	145	100	100
KP3S.	RL/LR/TL/TR	-	-	29	29	40	40	40	60	85	85	190	190	185	265	265	265
KP4S.	RR/LL	-	-	-	-												
KR3S.	RL/LR	-	14	29	29												
KR4S.	LL/RR	-	-	-	-	26	26	18	40	50	50	150	150	120	185	185	190
KP3S.	RR/LL	-	-	18	18												
KP4S.	RL/LR	-	-	-	-												
KR3S.	RR/LL	-	9	18	18												
KR4S.	LR/RL	-	-	-	-												

表格/Table 2																
作用力系数 k / Factor of application of force k																
距离 z , mm / Distance z in mm																
型号 Size	-200	-150	-100	-75	-50	25	0	25	50	75	100	150	200	250	300	
101					1.21	1.09	1.00	0.85	0.74	0.65	0.58	0.48				
102					1.17	1.08	1.00	0.86	0.76	0.68	0.62	0.52	0.44			
103 + 104				1.22	1.14	1.06	1.00	0.88	0.79	0.72	0.66	0.56	0.49	0.43		
105 + 106				1.19	1.12	1.06	1.00	0.89	0.81	0.74	0.68	0.58	0.51	0.46	0.41	
107 + 108			1.22	1.15	1.10	1.05	1.00	0.90	0.82	0.76	0.70	0.61	0.54	0.48	0.44	
109 + 110			1.18	1.13	1.08	1.04	1.00	0.91	0.84	0.78	0.73	0.64	0.57	0.51	0.47	
111 + 112		1.24	1.15	1.11	1.07	1.03	1.00	0.92	0.86	0.80	0.75	0.67	0.60	0.55	0.50	
113 + 114		1.20	1.12	1.09	1.06	1.03	1.00	0.93	0.87	0.82	0.77	0.69	0.63	0.58	0.53	
115 + 116	1.25	1.17	1.11	1.08	1.05	1.03	1.00	0.94	0.88	0.84	0.79	0.72	0.66	0.60	0.56	

请咨询:

- 输入轴 d_1 上允许的附加径向力。
- 双出轴实心轴上允许的附加径向力 (轴布置 RT、LT 和 TT)。
- 型号 117 - 124 的允许附加径向力。

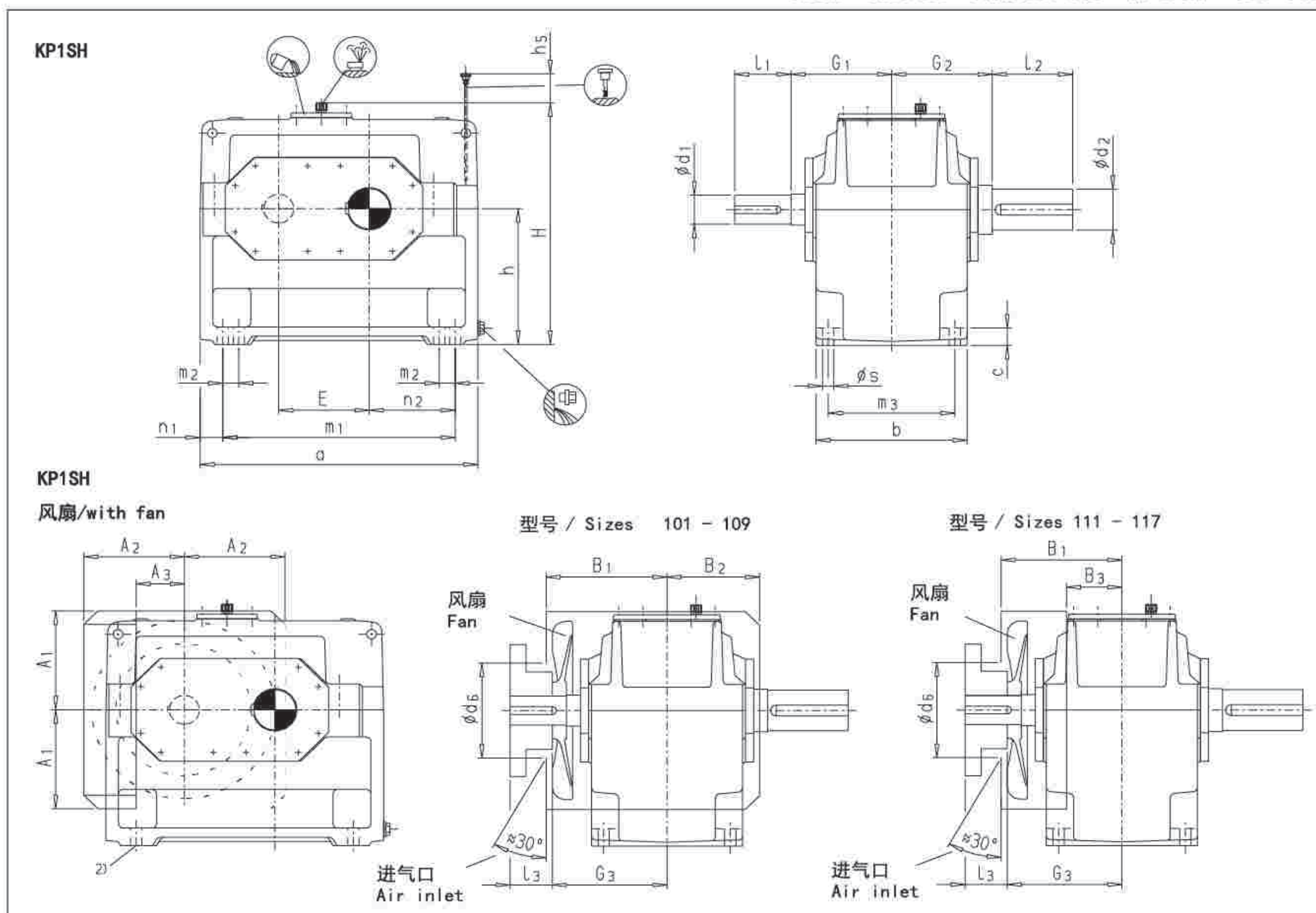
On request:

- Permissible additional radial forces on input shaft d_1
- Permissible additional radial forces on solid output shafts on both sides (Arrangements RT, LT, and TT).
- Permissible additional radial forces for gear unit sizes 117 - 124.



齿轮箱 尺寸图 KP1..H 101-117

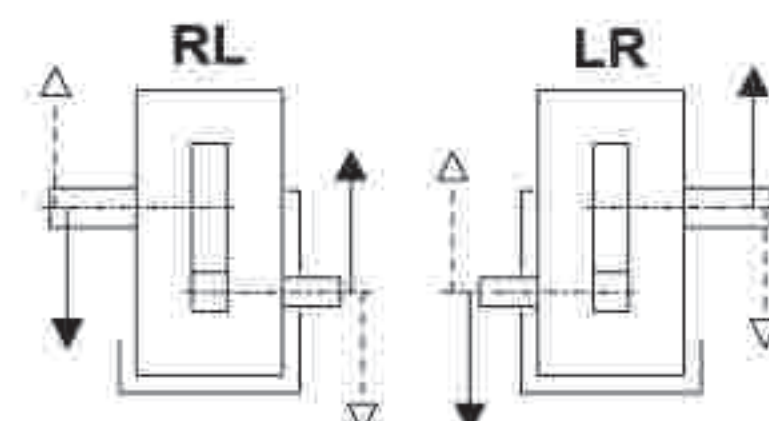
Gear units Dimensions KP1..H 101-117



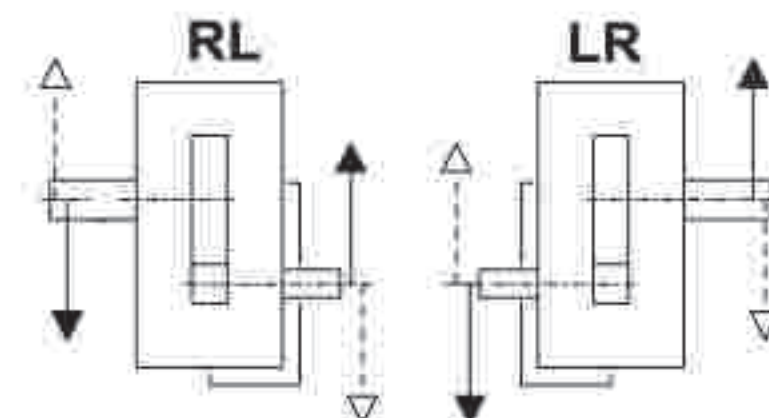
型号 Size	输入轴/Input											风扇 /Fan							
	$i_N = 1.25 - 2.8$			$i_N = 3.15 - 4$			$i_N = 4.5 - 5.6$												
	$i_N = 1.6 - 2.8 \rightarrow$																		
	$i_N = 2 - 2.8 \rightarrow$			d_1	l_1	l_3	d_1	l_1	l_3	G_1	G_3	A_1	A_2	A_3	B_1	B_2	B_3	d_6	
101	60	125	105	45	100	80	32	80	60	170	190	150	145	80	205	130	-	130	
103	85	160	130	60	135	105	50	110	80	210	240	225	215	115	255	185	-	190	
105	100	200	165	75	140	105	60	140	105	250	285	255	250	120	300	230	-	245	
107	110	200	165	90	165	130	75	140	105	280	315	300	265	140	330	265	-	280	
109 $\rightarrow$	130	240	205	110	205	170	90	170	135	325	360	360	330	190	375	320	-	350	
111 $\rightarrow$	150	245	200	130	245	200	100	210	165	365	410	415	350	-	430	-	150	350	
113 $\rightarrow$	180	290	240	150	250	200	125	250	200	360	410	500	430	-	430	-	120	450	
115 $\rightarrow$	200	330	280	170	290	240	140	250	200	400	450	550	430	-	470	-	150	445	
117 $\rightarrow$	220	340	290	190	340	290	160	300	250	440	490	630	475	-	510	-	190	445	

型号 Size	齿轮箱/Gear units												
	a	b	c	E	h	h_5	H	m_1	m_2	m_3	n_1	n_2	s
101	420	200	28	130	200	85	375	310	-	160	55	110	19
103	580	285	35	185	290	100	525	440	-	240	70	160	24
105	690	375	45	225	350	75	625	540	-	315	75	195	28
107	805	425	50	265	420	50	735	625	-	350	90	225	35
109	960	515	60	320	500	40	875	770	-	440	95	280	35
111	1100	580	70	370	580	40	1020	870	-	490	115	315	42
113	1295	545	80	442	600	10	1115	1025	-	450	135	370	48
115	1410	615	80	490	670	-	1235	1170	130	530	120	425	42
117	1590	690	90	555	760	-	1395	1290	150	590	150	465	48

轴布置 / Arrangement



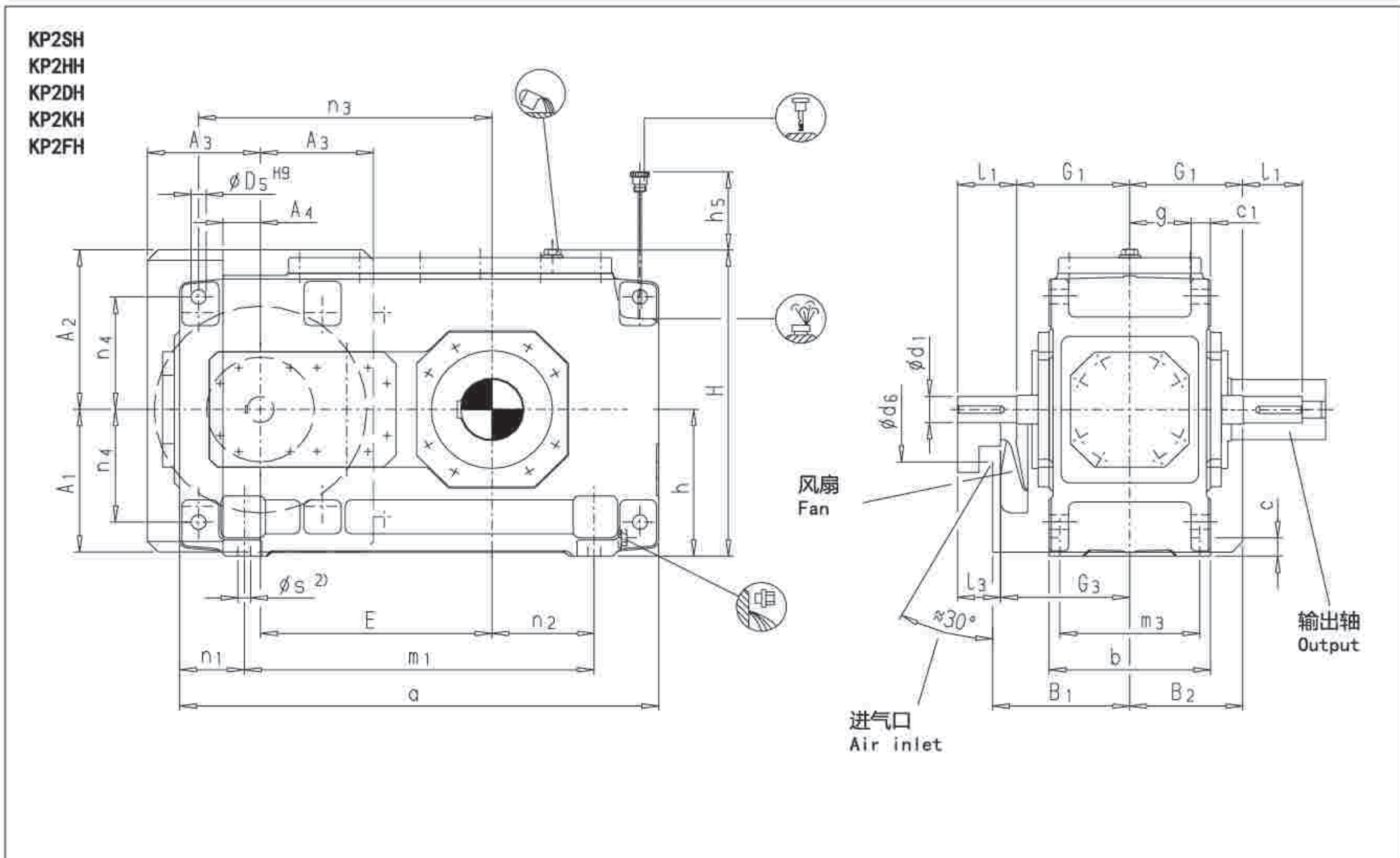
型号/Sizes 101 - 109



型号/Sizes 111 - 117

齿轮箱 尺寸图 KP2..H 102-110

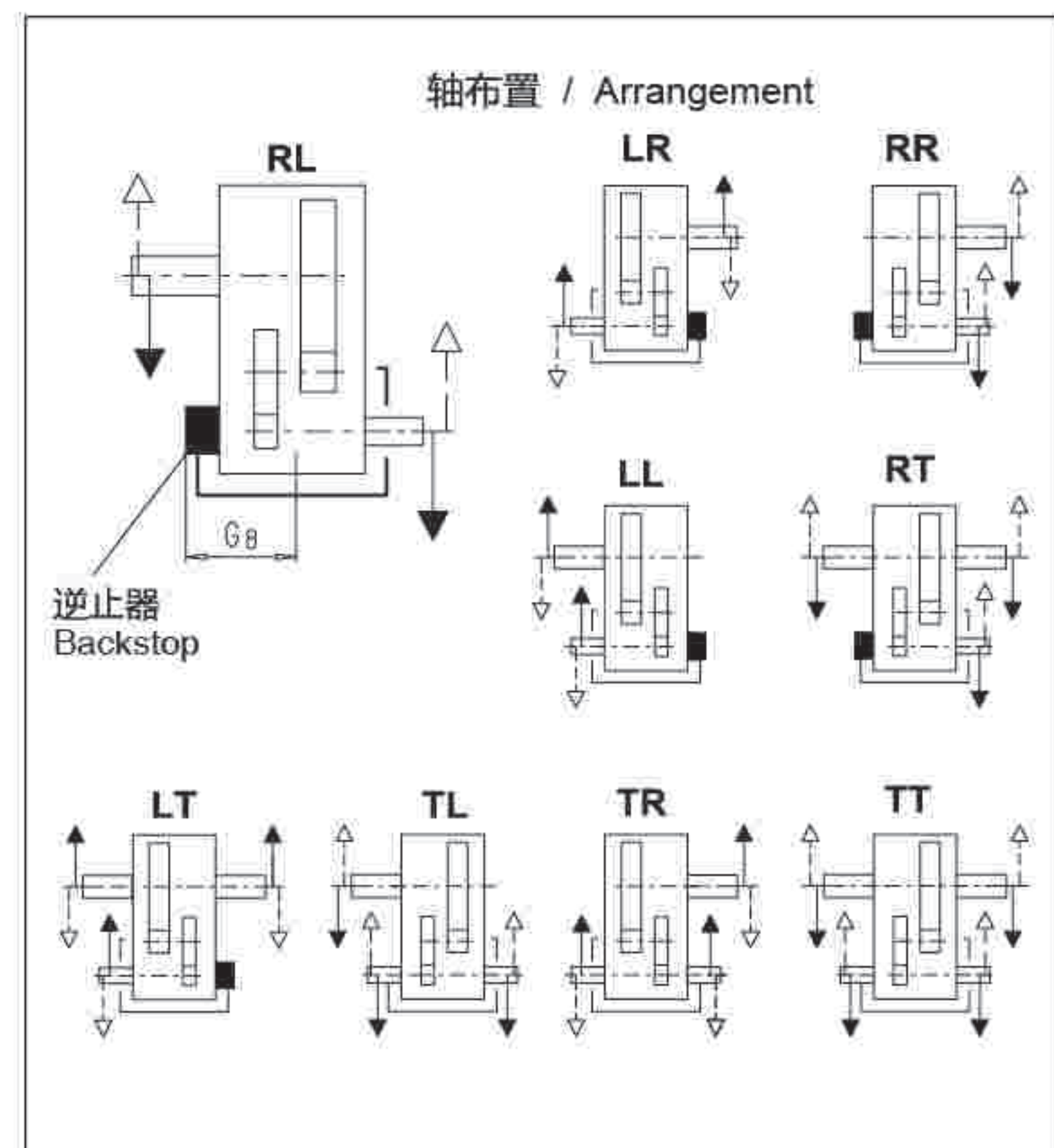
Gear units Dimensions KP2..H 102-110



型号 Size	输入轴 / Input								轴布置 / Arrangement TL, TR, TT 仅限于/only for $i_N =$		风扇 / Fan						
	$i_N = 6.3 - 11.2$			$i_N = 12.5 - 22.4$			G_1	G_3			A_1	A_2	A_3	A_4	B_1	B_2	d_6
	$i_N = 8 - 14$			$i_N = 16 - 28$													
	d_1	l_1	l_3	d_1	l_1	l_3											
102	45	100	80	32	80	60	170	190	6.3 - 18		195	225	150	30	205	158	136
103+104	50	100	80	38	80	60	195	215	6.3 - 18	8 - 22.4	225	260	175	55	230	178	150
105+106	60	135	105	50	110	80	210	240	6.3 - 16	8 - 20	272	305	210	70	255	210	200
107+108	75	140	110	60	140	110	240	270	6.3 - 16	8 - 20	312	355	240	100	285	245	200
109+110	90	165	130	70	140	105	275	310	6.3 - 18	8 - 22.4	372	420	285	135	325	285	210

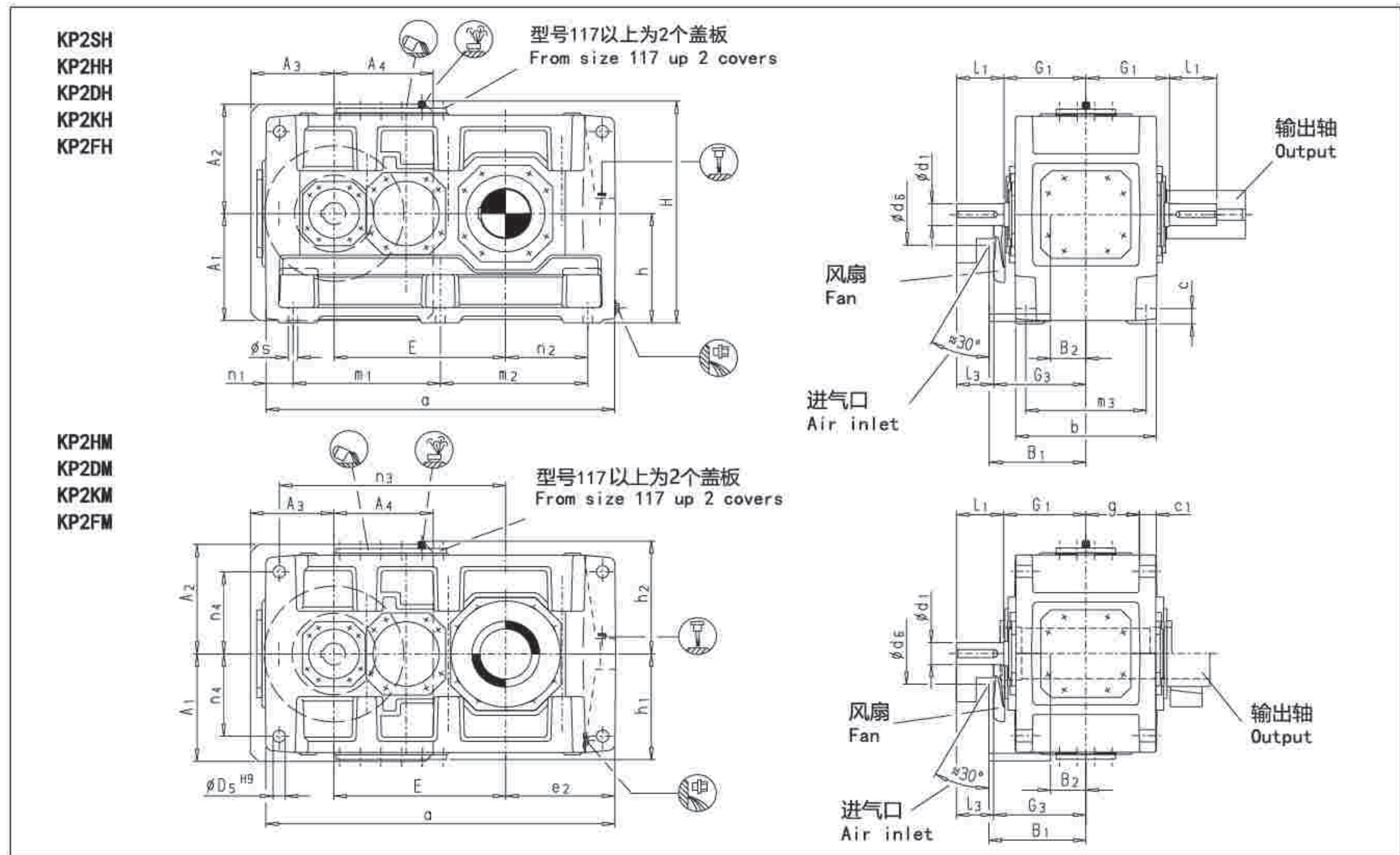
型号 Size	齿轮箱 / Gear units									
	b	c	c_1	D_5	g	h	m_3	n_1	n_4	s
102	215	28	30 ± 1	24	77.5	200	180	105	150	19
103+104	255	28	30 ± 1	24	97.5	230	220	105	180	19
105+106	300	35	36 ± 1	28	114	280	260	120	215	24
107+108	370	40	45 ± 1.5	36	140	320	320	145	245	28
109+110	430	50	54 ± 1.5	40	161	380	370	165	300	35

型号 Size	齿轮箱 / Gear units							逆止器 Backstop G_8
	a	E	h_5	H	m_1	n_2	n_3	
102	565	270	110	415	355	85	345	207
103	640	315	150	482	430	100	405	253
104	720	350	150	482	510	145	440	253
105	785	385	190	572	545	130	500	280
106	890	430	190	582	650	190	545	280
107	925	450	205	662	635	155	585	331
108	1025	500	215	662	735	205	635	331
109	1105	545	250	782	775	180	710	392
110	1260	615	250	790	930	265	780	392



齿轮箱 尺寸图 KP2..H 111-120

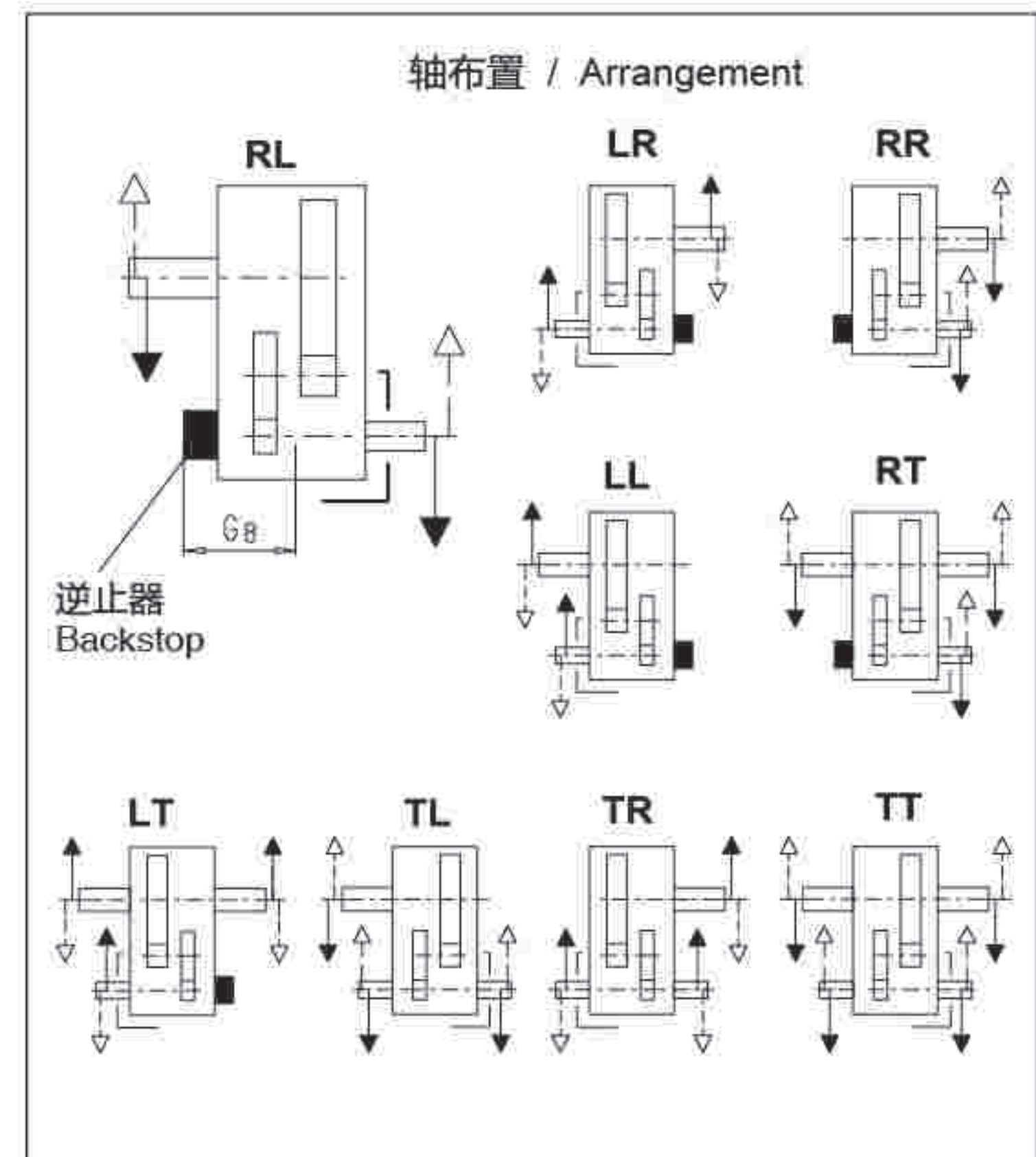
Gear units Dimensions KP2..H 111-120



型号 Size	输入轴 / Input							轴布置 / Arrangement TL, TR, TT 仅限于/only for $i_N =$		风 扇 / Fan							
	$i_N = 6.3 - 11.2$			$i_N = 12.5 - 20$													
	$i_N = 7.1 - 12.5$			$i_N = 14 - 22.5$													
	$i_N = 8 - 14$			$i_N = 16 - 25$													
	d_1	l_1	l_3	d_1	l_1	l_3	G_1	G_3	A_1	A_2	A_3	A_4	B_1	B_2	d_6		
111+112	100	205	170	85	170	135	330	365	6.3 - 16	8 - 20	430	460	330	365	385	135	250
113+114	120	210	165	100	210	165	365	410	6.3 - 16	7.1 - 18	490	500	370	440	430	155	280
115+116	125	245	200	110	210	165	420	465	6.3 - 16	7.1 - 18	540	565	435	505	485	140	280
117+118	150	245	200	120	210	165	475	520	请咨询/On request		600	600	500	450	540	190	310
119+120	170	290	240	140	250	200	495	545			680	680	500	610	565	200	450

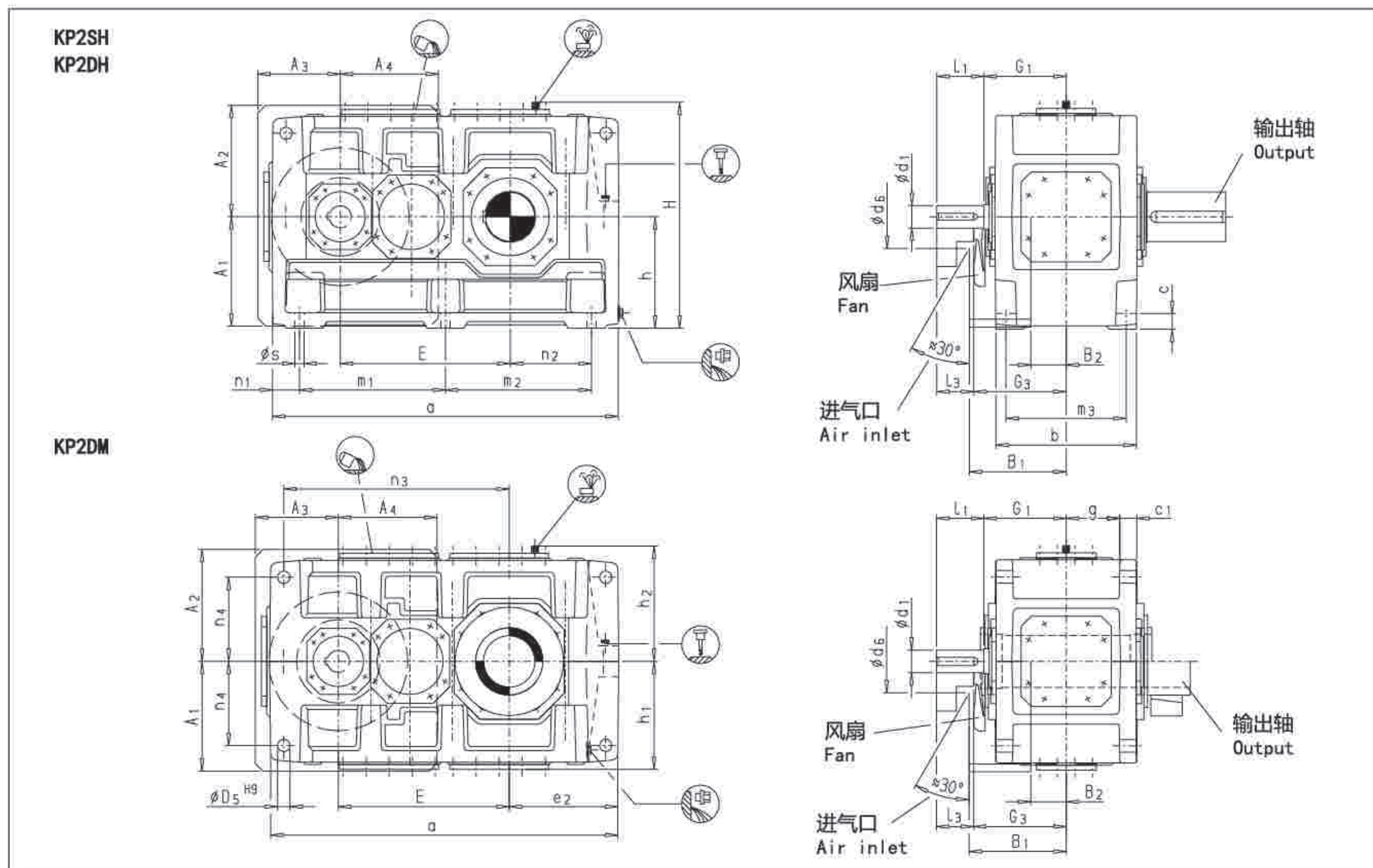
型号 Size	齿轮箱 / Gear units											
	b	c	c ₁	D ₅	g	h	h ₁	h ₂	m ₃	n ₁	n ₄	s
111+112	550	60	61±2	48	211.5	440	450	460	475	100	340	35
113+114	625	70	72±2	55	238	500	490	500	535	120	375	42
115+116	690	80	81±2	55	259	550	555	560	600	135	425	42
117+118	790	90	91±2	65	299	620	615	620	690	155	475	48
119+120	830	100	100±2	75	310	700	685	690	720	170	520	56

型号 Size	齿轮箱 / Gear units								逆止器 Backstop G_8
	a	e_2	E	H	m_1	m_2	n_2	n_3	
111	1290	405	635	900	545	545	305	835	448
112	1430	475	705	900	545	685	375	905	448
113	1550	485	762	1000	655	655	365	1005	527
114	1640	530	808	1000	655	745	410	1050	527
115	1740	525	860	1110	735	735	390	1145	576
116	1860	585	920	1110	735	855	450	1205	576
117	2010	590	997	1240	850	850	435	1345	670
118	2130	650	1057	1240	850	970	495	1405	670
119	2140	655	1067	1390	900	900	485	1400	690
120	2250	710	1122	1390	900	1010	540	1455	690



齿轮箱 尺寸图 KP2..H 121-124

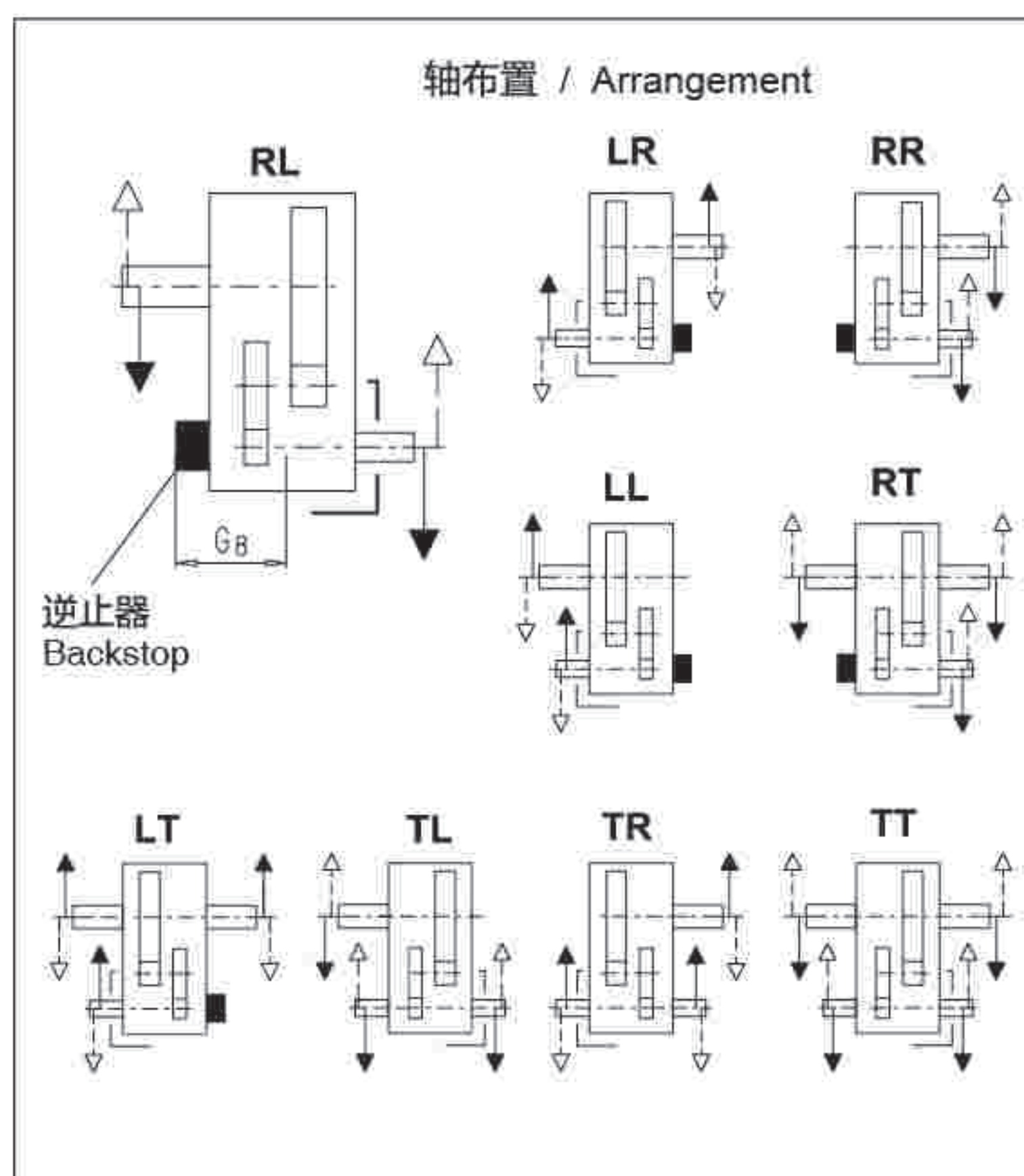
Gear units Dimensions KP2..H 121-124



输入轴 / Input																
型号 Size	$i_N = 6.3 - 11.2$			$i_N = 12.5 - 20$			轴布置 / Arrangement TL, TR, TT 仅限于/only for $i_N =$		风 扇 / Fan							
	$i_N = 7.1 - 12.5$			$i_N = 14 - 22.5$					A_1	A_2	A_3	A_4	B_1	B_2	d_6	
	d_1	l_1	l_3	d_1	l_1	l_3										G_1
121+122	190	330	280	150	250	200	560	610	请咨询/On request	770	770	550	550	630	220	450
123+124	200	340	290	170	300	250	600	650		845	865	550	550	670	240	450

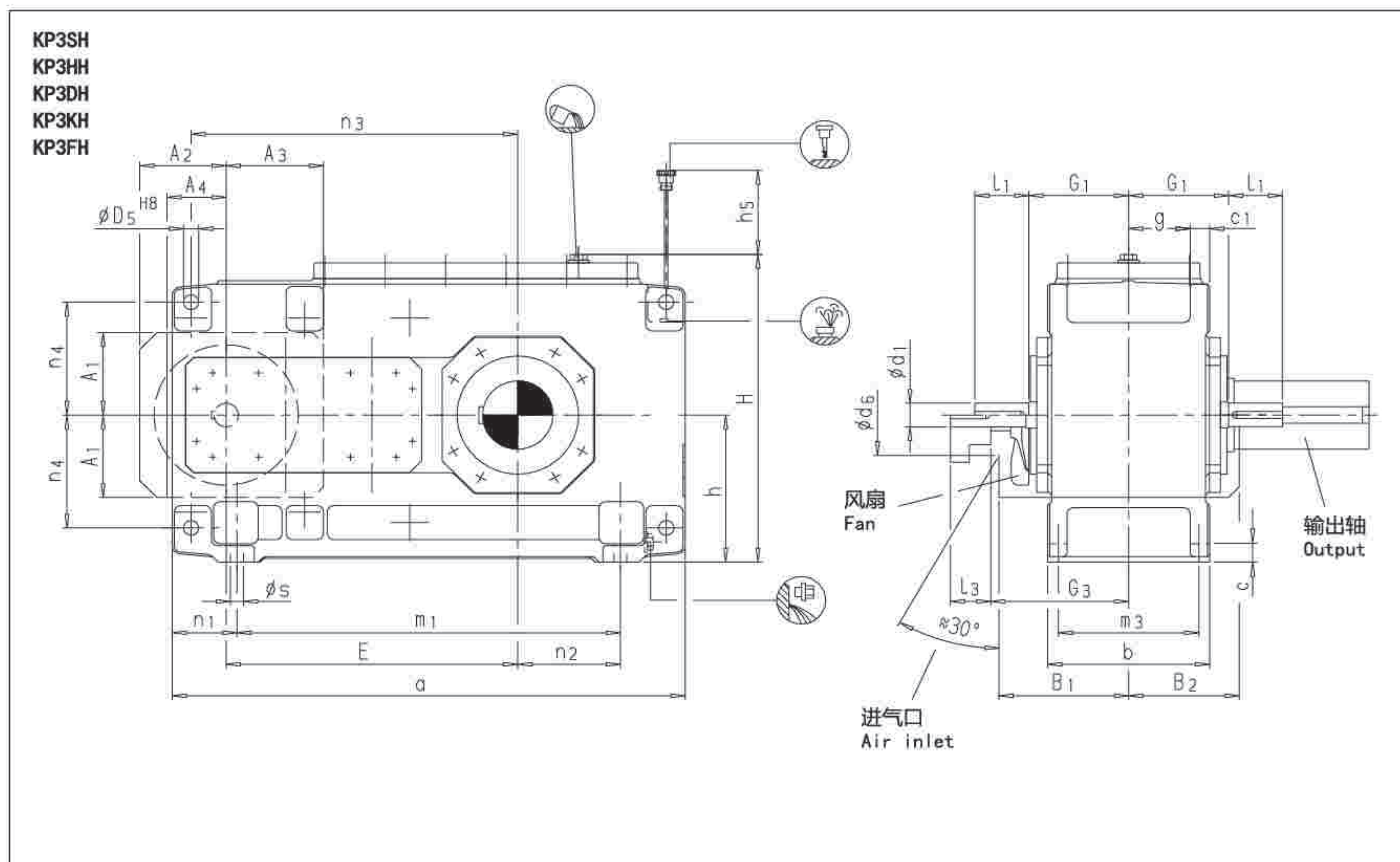
型号 Size	齿轮箱 / Gear units											
	b	c	c ₁	D ₅	g	h	h ₁	h ₂	m ₃	n ₁	n ₄	s
121+122	930	115	120±2	80	342	780	770	770	810	180	580	56
123+124	1045	130	120±2	90	400	860	860	860	910	200	660	66

型号 Size	齿轮箱 / Gear units								逆止器 Backstop G_8
	a	e_2	E	H	m_1	m_2	n_2	n_3	
121	2380	730	1185	1550	1010	1010	550	1560	尺寸请咨询 Dimensions on request
122	2510	795	1250	1550	1010	1140	615	1625	
123	2580	790	1325	1720	1090	1090	590	1685	
124	2760	880	1415	1720	1090	1270	680	1775	



齿轮箱 尺寸图 KP3..H 103-110

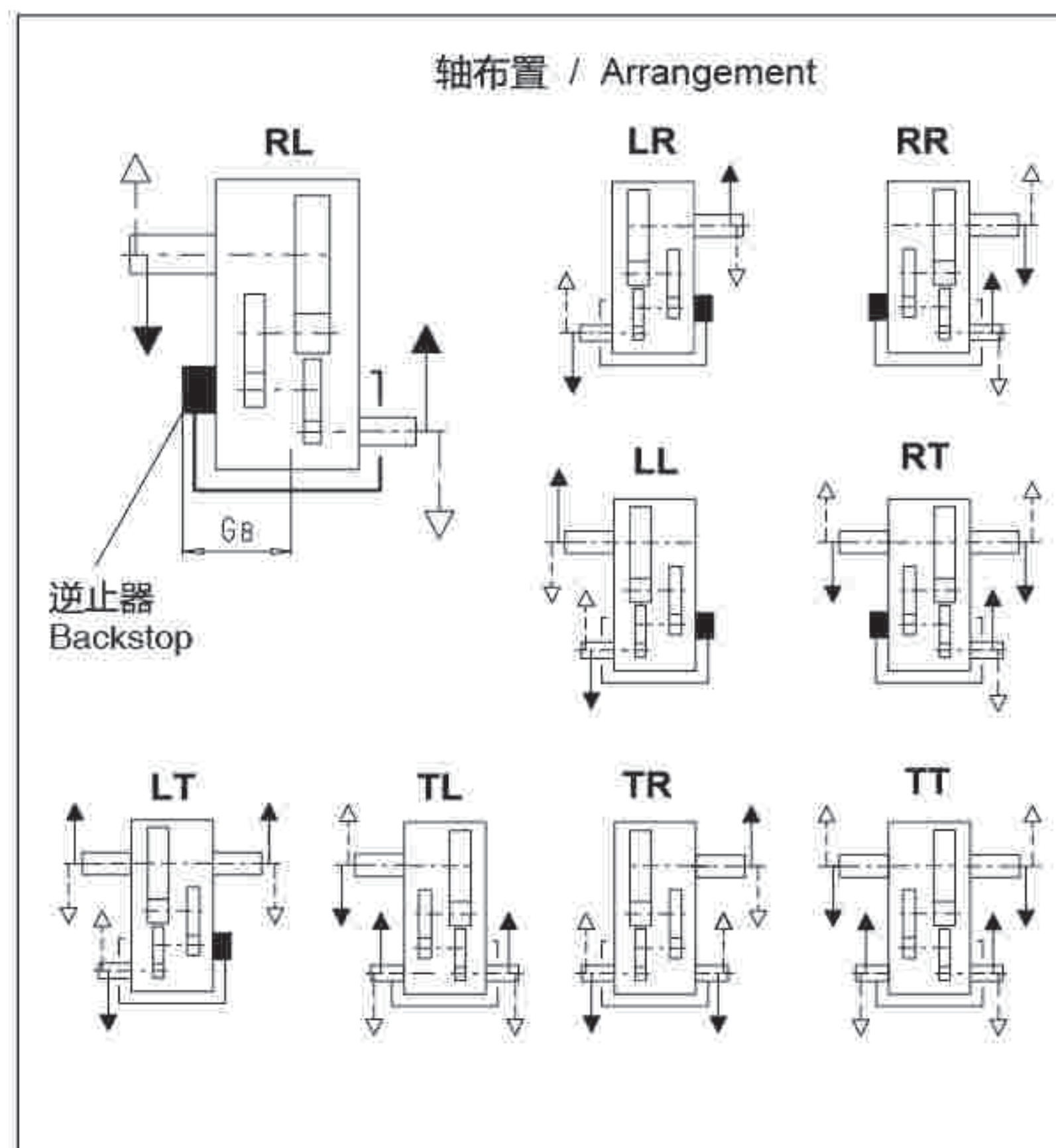
Gear units Dimensions KP3..H 103-110



型号 Size	输入轴 / Input										轴布置 / Arrangement TL, TR, TT 仅限于/only for $i_N =$		风 扇 / Fan							
	$i_N = 25 - 45$			$i_N = 50 - 63$			$i_N = 71 - 90$						A_1	A_2	A_3	A_4	B_1	B_2	d_6	
	$i_N = 31.5 - 56$			$i_N = 63 - 80$			$i_N = 90 - 112$													
	d_1	l_1	l_3	d_1	l_1	l_3	d_1	l_1	l_3	G_1	G_3									
103+104	40	70	70	30	50	50	24	40	40	160	220	25 - 90	31.5 - 112	137	135	140	140	215	175	60
105+106	45	80	80	35	60	60	28	50	50	185	250	25 - 90	31.5 - 112	157	160	180	180	245	205	75
107+108	60	125	105	45	100	80	32	80	60	230	300	25 - 90	31.5 - 112	182	190	205	205	295	240	90
109+110	70	120	120	50	80	80	42	70	70	255	330	25 - 90	31.5 - 112	218	220	255	255	325	280	100

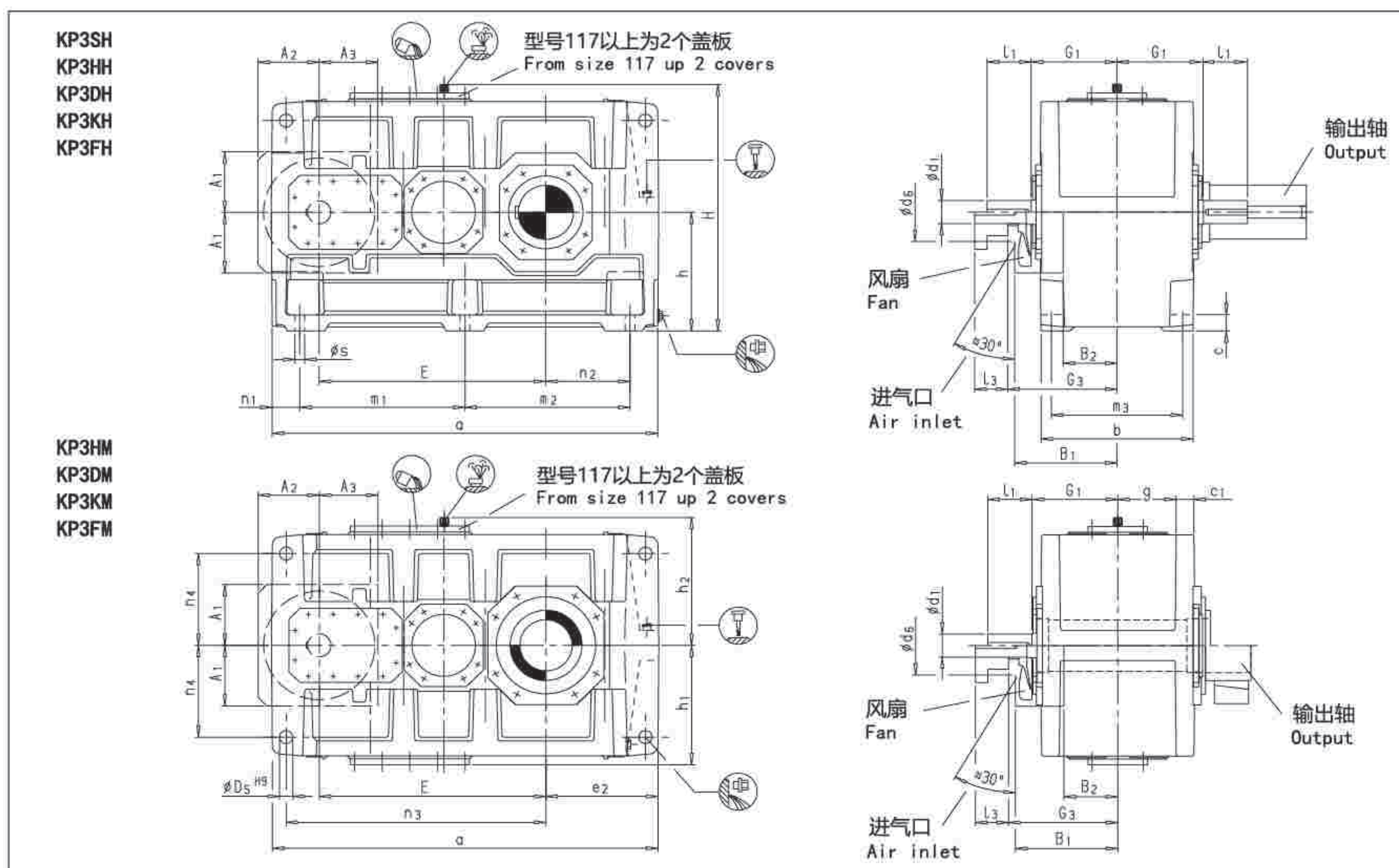
型号 Size	齿轮箱 / Gear units									
	b	c	c_1	D_5	g	h	m_3	n_1	n_4	s
103+104	255	28	30 ± 1	24	97.5	230	220	105	180	19
105+106	300	35	36 ± 1	28	114	280	260	120	215	24
107+108	370	40	45 ± 1.5	36	140	320	320	145	245	28
109+110	430	50	54 ± 1.5	40	161	380	370	165	300	35

型号 Size	齿轮箱 / Gear units							逆止器 Backstop G_B
	a	E	h_5	H	m_1	n_2	n_3	
103	690	405	130	482	480	100	455	234
104	770	440	130	482	560	145	490	234
105	845	495	170	572	605	130	560	287
106	950	540	160	582	710	190	605	287
107	1000	580	185	662	710	155	660	317
108	1100	630	185	662	810	205	710	317
109	1200	705	180	782	870	180	805	369
110	1355	775	170	790	1025	265	875	369



齿轮箱 尺寸图 KP3..H 111-120

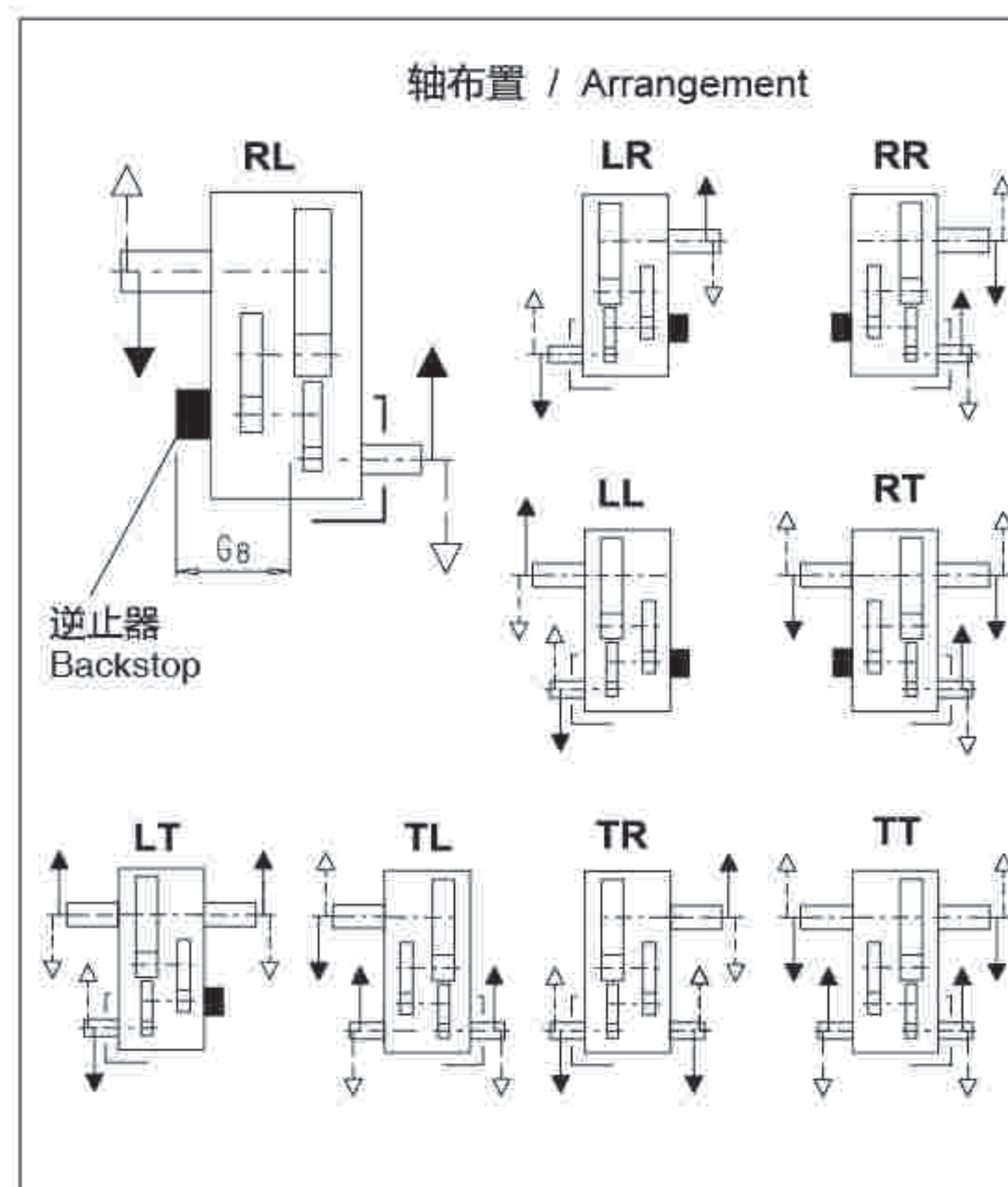
Gear units **Dimensions** KP3..H 111-120



型号 Size	输入轴 / Input										轴布置 / Arrangement TL, TR, TT 仅限于/only for $i_N =$				风 扇 / Fan					
	$i_N = 22.4 - 45$			$i_N = 50 - 63$			$i_N = 71 - 90$													
	$i_N = 25 - 50$			$i_N = 56 - 71$			$i_N = 80 - 100$													
	$i_N = 28 - 56$			$i_N = 63 - 80$			$i_N = 90 - 112$													
	d_1	l_1	l_3	d_1	l_1	l_3	d_1	l_1	l_3	G_1										
111+112	85	160	130	60	135	105	50	110	80	310	385	22.4 - 90	28 - 112	225	225	212	380	195	120	
113+114	100	200	165	75	140	105	60	140	105	350	420	22.4 - 90	25 - 100	270	265	252	415	205	150	
115+116	100	200	165	75	140	105	60	140	105	380	450	22.4 - 90	25 - 100	270	265	252	455	235	150	
117+118	110	200	-	90	165	-	75	140	-	430	-	请咨询 / On request								
119+120	130	240	-	110	205	-	90	170	-	470	-									

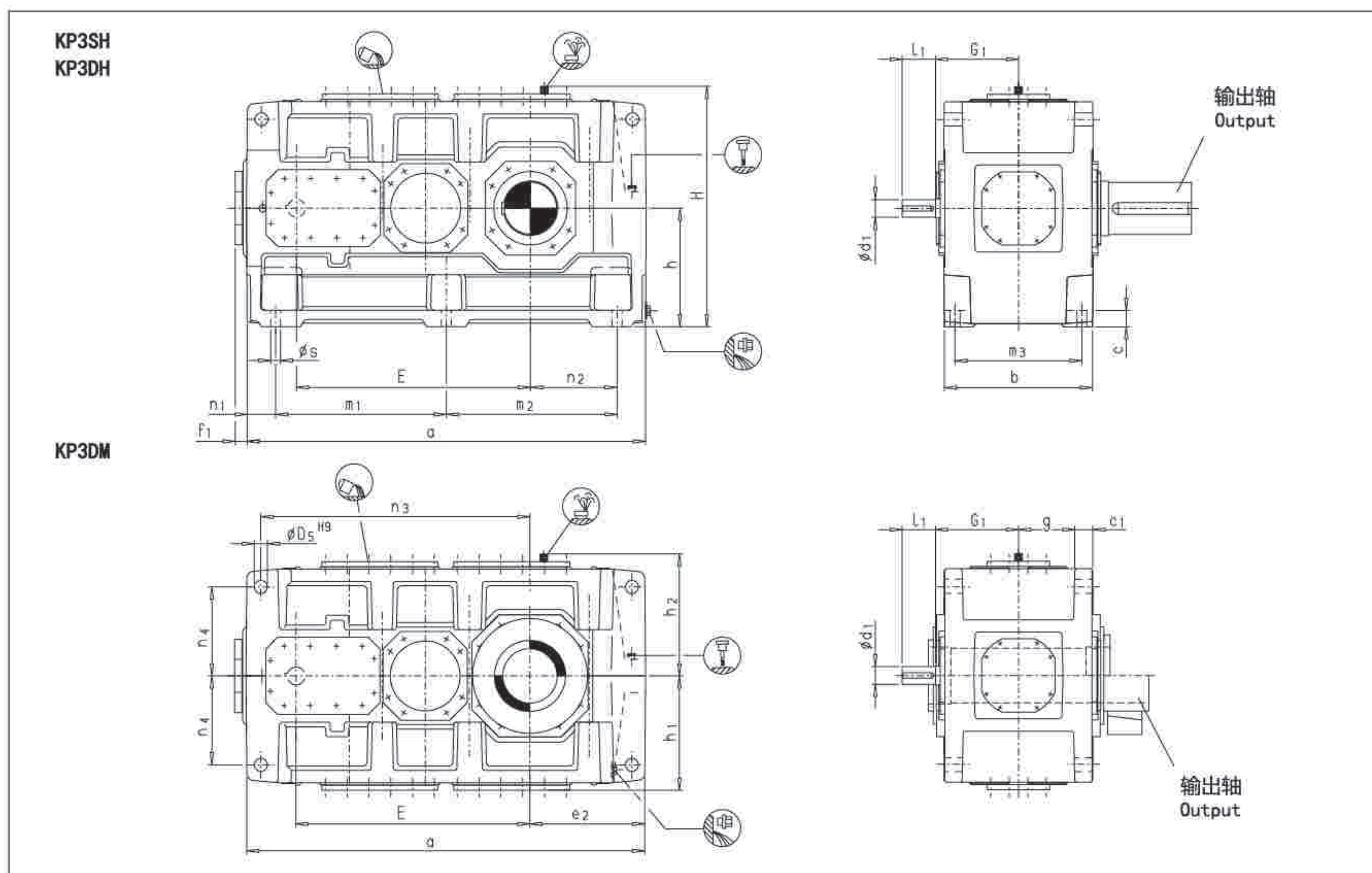
型号 Size	齿轮箱 / Gear units											
	b	c	c ₁	D ₅	g	h	h ₁	h ₂	m ₃	n ₁	n ₄	s
111+112	550	60	61±2	48	211.5	440	450	460	475	100	340	35
113+114	625	70	72±2	55	238	500	490	500	535	120	375	42
115+116	690	80	81±2	55	259	550	555	560	600	135	425	42
117+118	790	90	91±2	65	299	620	615	620	690	155	475	48
119+120	830	100	100±2	75	310	700	685	690	720	170	520	56

型号 Size	齿轮箱 / Gear units								逆止器 Backstop
	a	e ₂	E	H	m ₁	m ₂	n ₂	n ₃	G ₈
111	1395	405	820	900	597.5	597.5	305	940	457
112	1535	475	890	900	597.5	737.5	375	1010	457
113	1680	485	987	1000	720	720	365	1135	522
114	1770	530	1033	1000	720	810	410	1180	522
115	1770	525	1035	1110	750	750	390	1175	534
116	1890	585	1095	1110	750	870	450	1235	534
117	2030	590	1190	1240	860	860	435	1365	614
118	2150	650	1250	1240	860	980	495	1425	614
119	2340	655	1387	1390	1000	1000	485	1600	635
120	2450	710	1442	1390	1000	1110	540	1655	635



齿轮箱 尺寸图 KP3 ..H 121-124

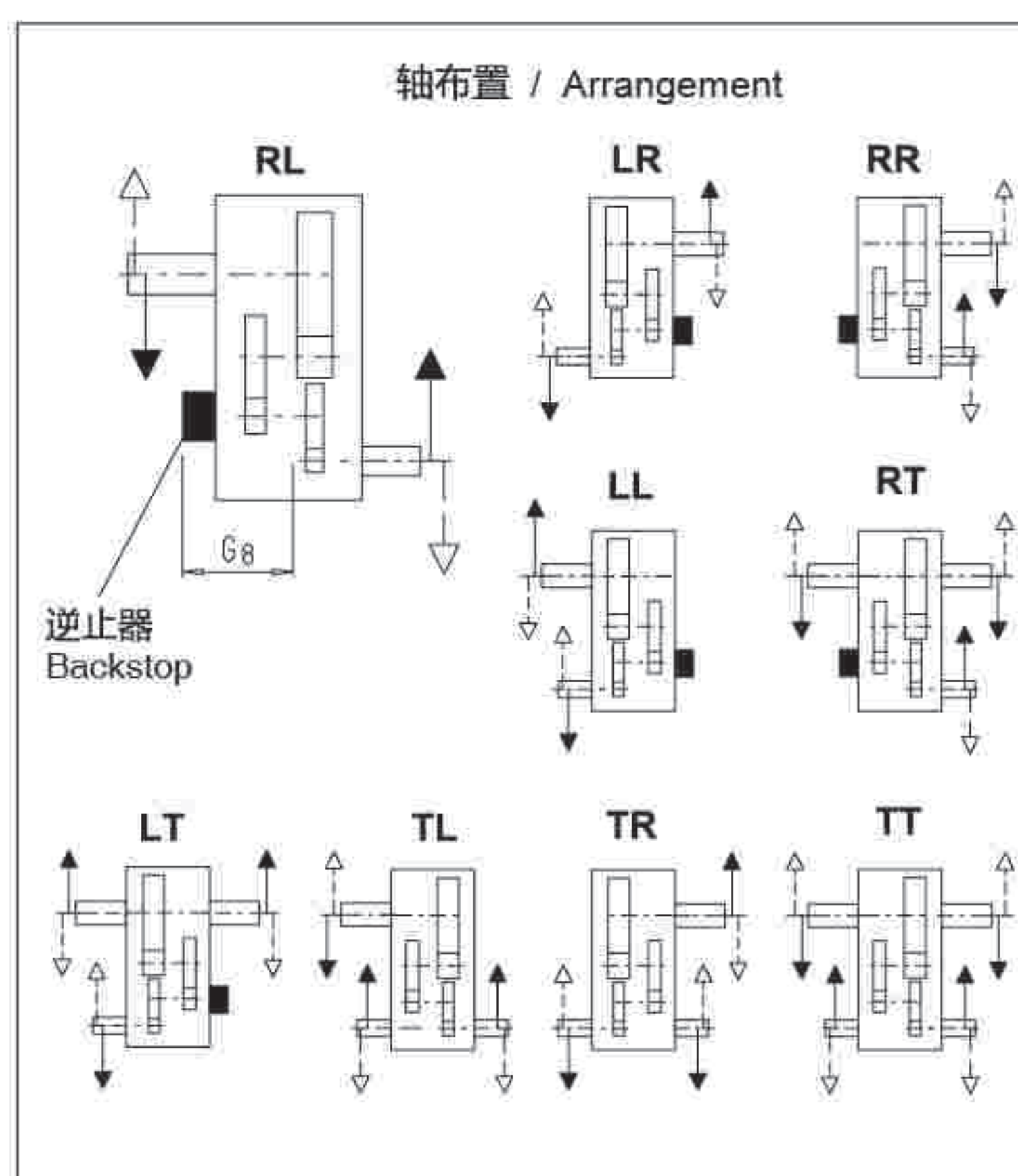
Gear units **Dimensions** KP3..H 121-124



型号 Size	输入轴 / Input						轴布置 / Arrangement TL, TR, TT 仅限于/only for $i_N =$	
	$i_N = 22.4 - 45$		$i_N = 50 - 63$		$i_N = 71 - 90$			
	$i_N = 25 - 50$		$i_N = 56 - 71$		$i_N = 80 - 100$			
	d_1	l_1	d_1	l_1	d_1	l_1		G_1
121 + 122	130	240	110	205	90	170	510	请咨询/On request
123 + 124	150	245	130	245	100	210	570	

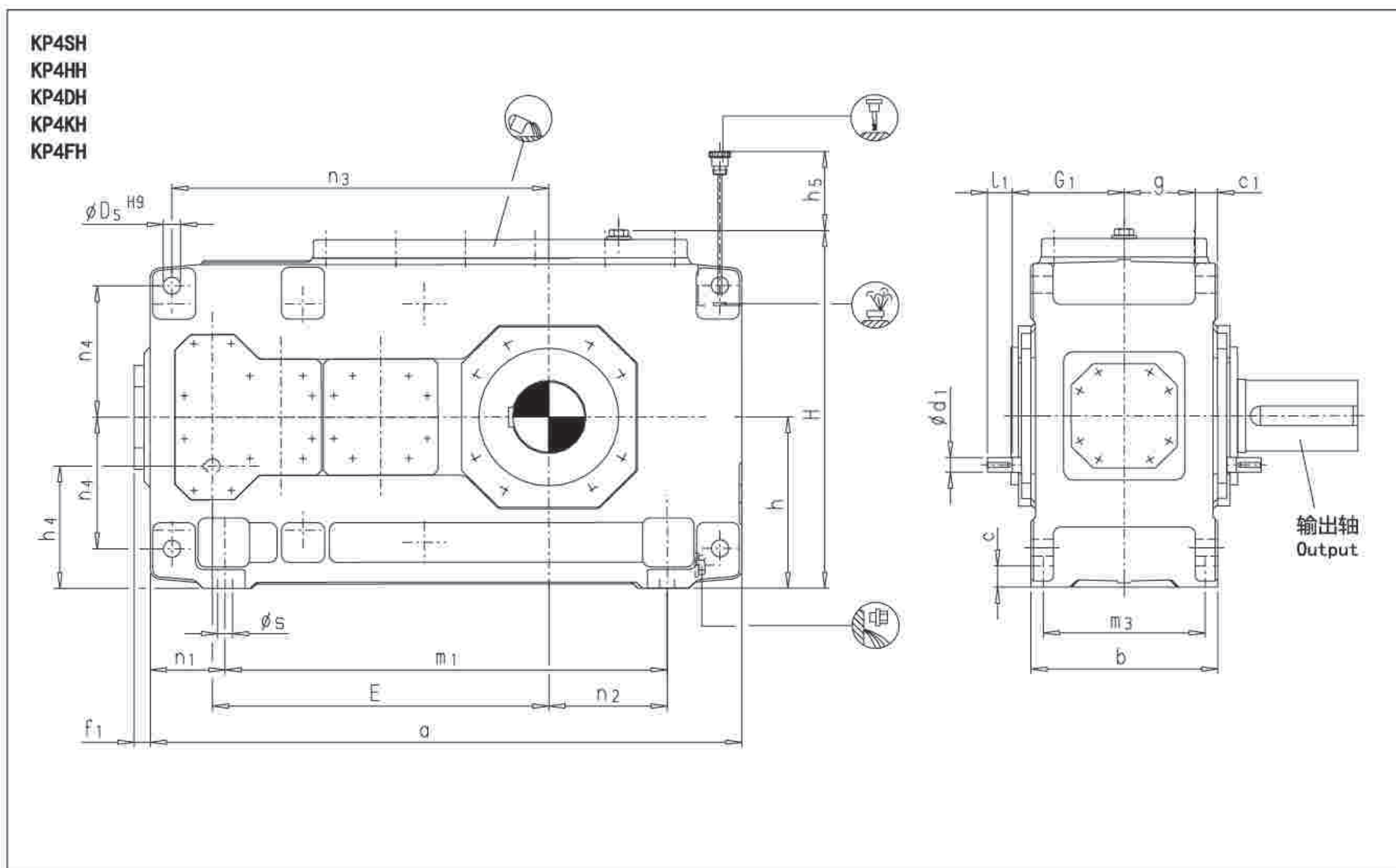
型号 Size	齿轮箱 / Gear units											
	b	c	c ₁	D ₅	g	h	h ₁	h ₂	m ₃	n ₁	n ₄	s
121+122	930	115	120±2	80	342	780	770	790	810	180	580	56
123+124	1045	130	120±2	90	400	860	860	860	910	200	660	66

型号 Size	齿轮箱 / Gear units									逆止器 Backstop G ₈
	a	e ₂	E	f ₁	H	m ₁	m ₂	n ₂	n ₃	
121	2530	730	1505	35	1570	1085	1085	550	1725	尺寸请咨询 Dimensions on request
122	2660	795	1570	35	1570	1085	1215	615	1790	
123	2830	790	1695	65	1720	1215	1215	590	1965	
124	3010	880	1785	65	1720	1215	1395	680	2055	



齿轮箱 尺寸图 KP4..H 105-110

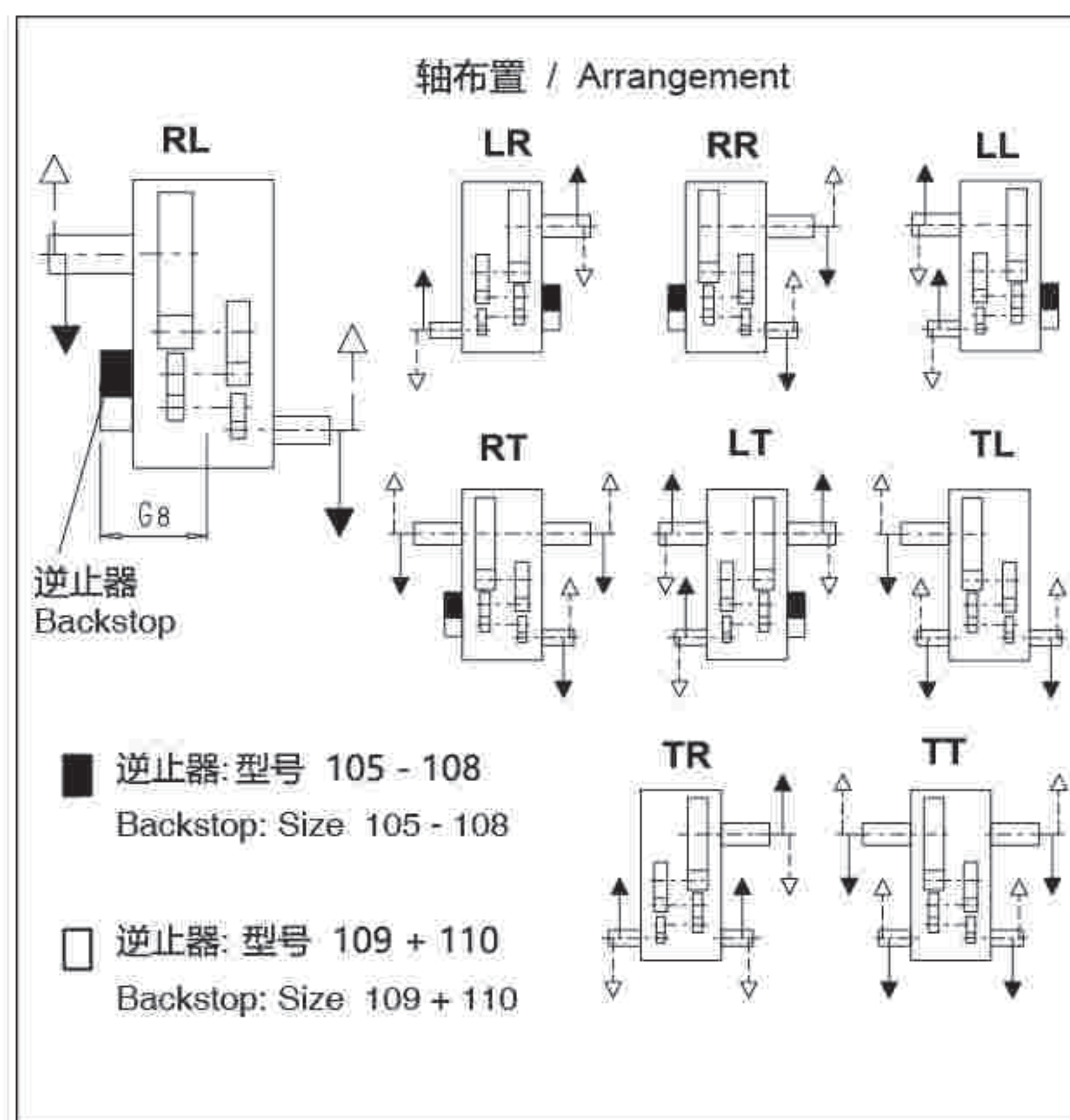
Gear units Dimensions KP4..H 105-110



	输入轴 / Input					轴布置 / Arrangement TL, TR, TT 仅限于/only for i _N =	
	i _N = 100 - 180		i _N = 200 - 355		G ₁		
	i _N = 125 - 224		i _N = 250 - 450				
	d ₁	l ₁	d ₁	l ₁			
7 + 8	30	50	24	40	180	100 - 224	125 - 280
9 + 10	35	60	28	50	215	100 - 250	125 - 315
11 + 12	45	100	32	80	250	100 - 250	125 - 315

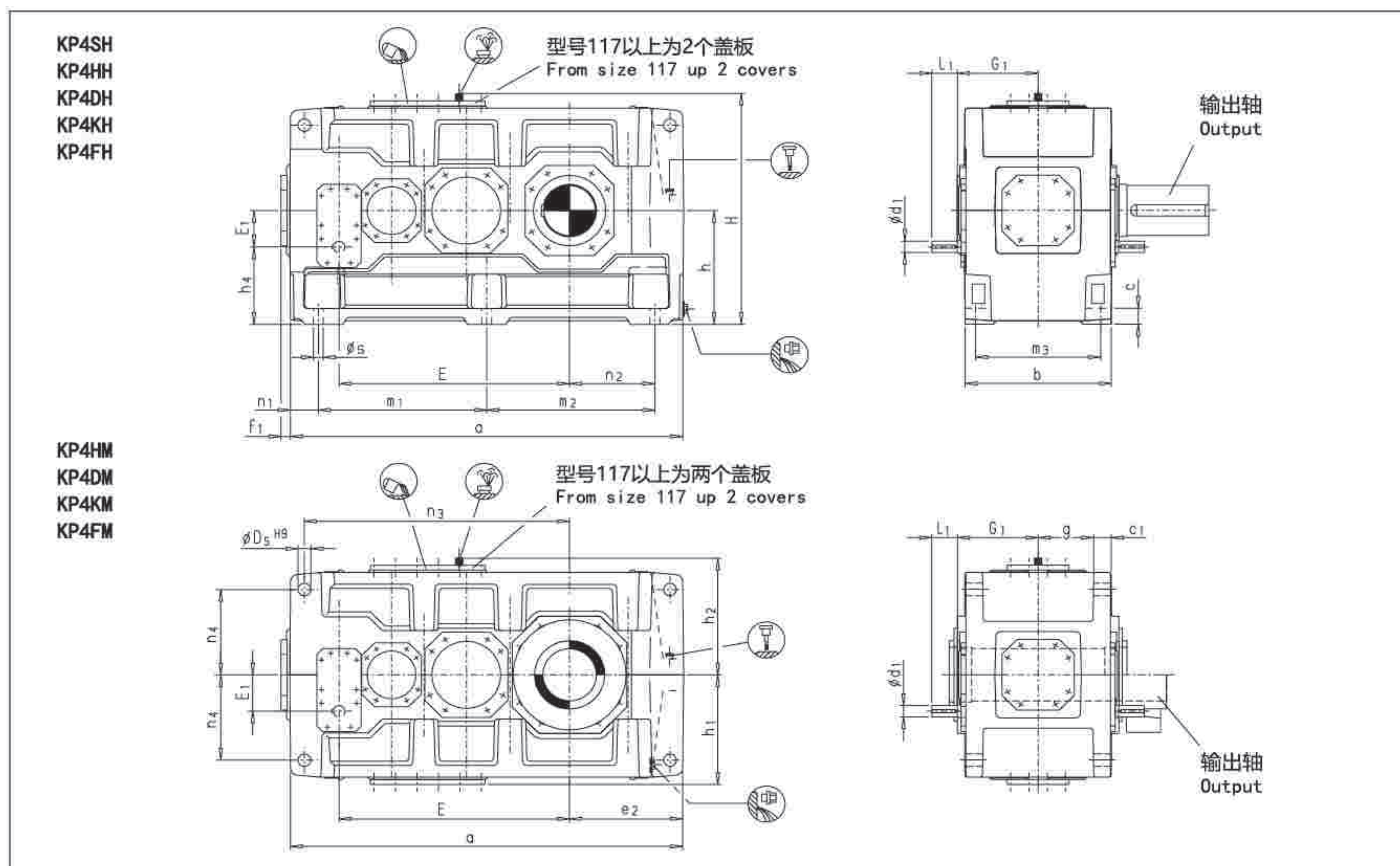
型号 Size	齿轮箱 / Gear units										
	b	c	c_1	D_5	g	h	h_4	m_3	n_1	n_4	s
7 + 8	300	35	36 ± 1	28	114	280	200	260	120	215	24
9 + 10	370	40	45 ± 1.5	36	140	320	230	320	145	245	28
11 + 12	430	50	54 ± 1.5	40	161	380	270	370	165	300	35

型号 Size	齿轮箱 / Gear units								逆止器 Backstop G_8
	a	E	f_1	h_5	H	m_1	n_2	n_3	
7	845	495	37	140	572	605	130	560	286
8	950	540	37	140	582	710	190	605	286
9	1000	580	43	150	662	710	155	660	317
10	1100	630	43	150	662	810	205	710	317
11	1200	705	47	165	782	870	180	805	333
12	1355	775	47	165	790	1025	265	875	333



齿轮箱 尺寸图 KP4..H 111-120

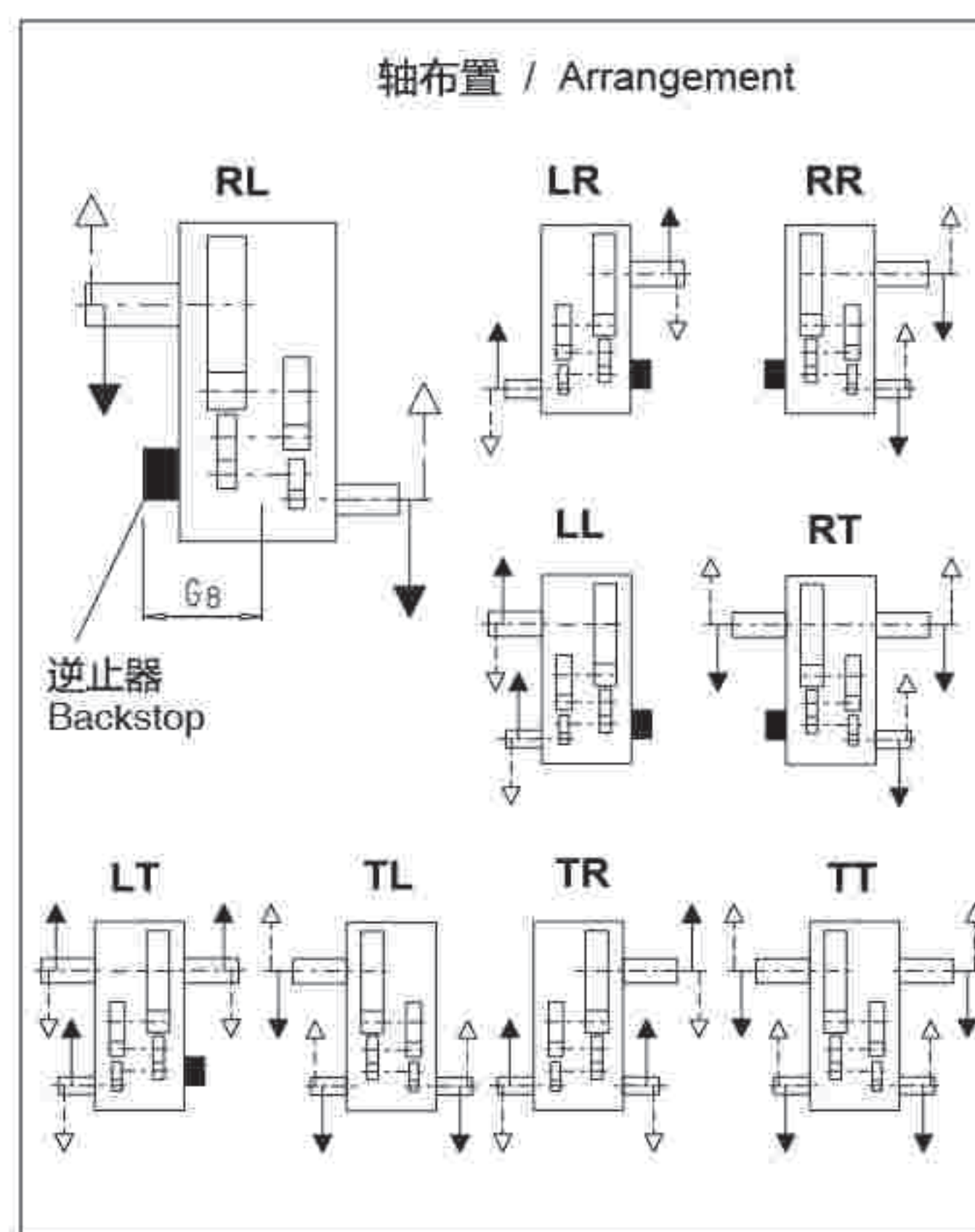
Gear units Dimensions KP4..H 111-120



型号 Size		输入轴 / Input				G_1	轴布置 / Arrangement TL, TR, TT 仅限于/only for	
		$i_N = 100 - 180$		$i_N = 200 - 355$			$i_N =$	
		$i_N = 112 - 200$		$i_N = 224 - 400$				
		$i_N = 125 - 224$		$i_N = 250 - 450$				
		d_1	l_1	d_1	l_1			
111 + 112		50	100	38	80	305	100 - 250	125 - 315
113 + 114		60	135	50	110	345	100 - 250	112 - 280
115 + 116		60	105	50	80	380	—	—
117 + 118		75	105	60	105	440	—	—
119 + 120		90	165	70	140	460	—	—

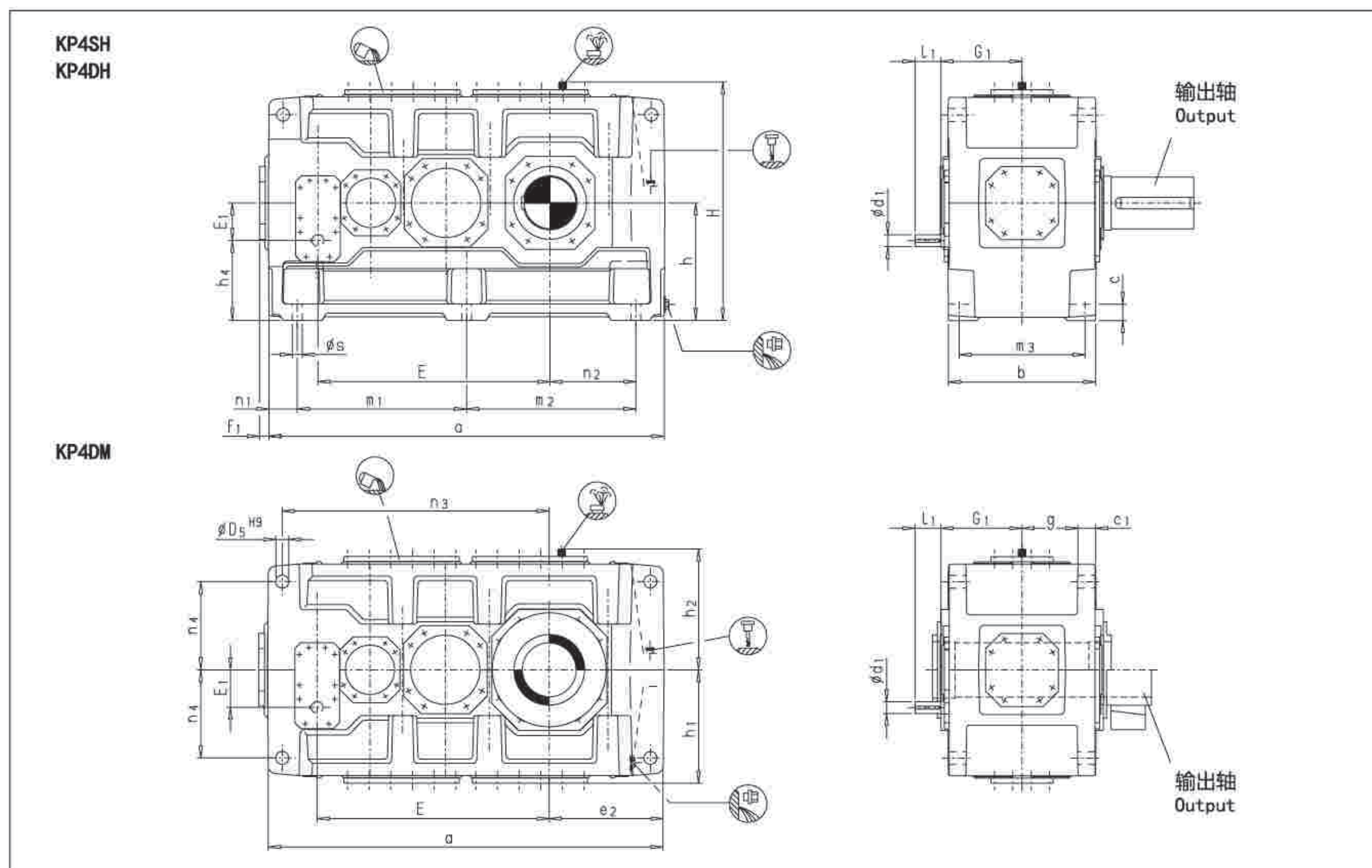
型号 Size	齿轮箱 / Gear units											
	b	c	c_1	D_5	g	h	h_1	h_4	h_2	m_3	n_1	n_4
111+112	550	60	61 ± 2	48	211.5	440	450	310	460	475	100	340
113+114	625	70	72 ± 2	55	238	500	490	340	500	535	120	375
115+116	690	80	81 ± 2	55	259	550	555	390	560	600	135	425
117+118	790	90	91 ± 2	65	299	620	615	435	620	690	155	475
119+120	830	100	100 ± 2	75	310	700	685	475	690	720	170	520

型号 Size	齿轮箱 / Gear units										逆止器 Backstop G_8
	a	e_2	E	E_1	f_1	H	m_1	m_2	n_2	n_3	
111	1395	405	820	130	47	900	597.5	597.5	305	940	391
112	1535	475	890	130	47	900	597.5	737.5	375	1010	391
113	1680	485	987	160	56	1000	720	720	365	1135	487
114	1770	530	1033	160	56	1000	720	810	410	1180	487
115	1770	525	1035	160	53	1110	750	750	390	1175	487
116	1890	585	1095	160	53	1110	750	870	450	1235	487
117	2030	590	1190	185	53	1240	860	860	435	1365	590
118	2150	650	1250	185	53	1240	860	980	495	1425	590
119	2340	655	1387	225	62	1390	1000	1000	485	1600	610
120	2450	710	1442	225	62	1390	1000	1110	540	1655	610



齿轮箱 尺寸图 KP4..H 121-124

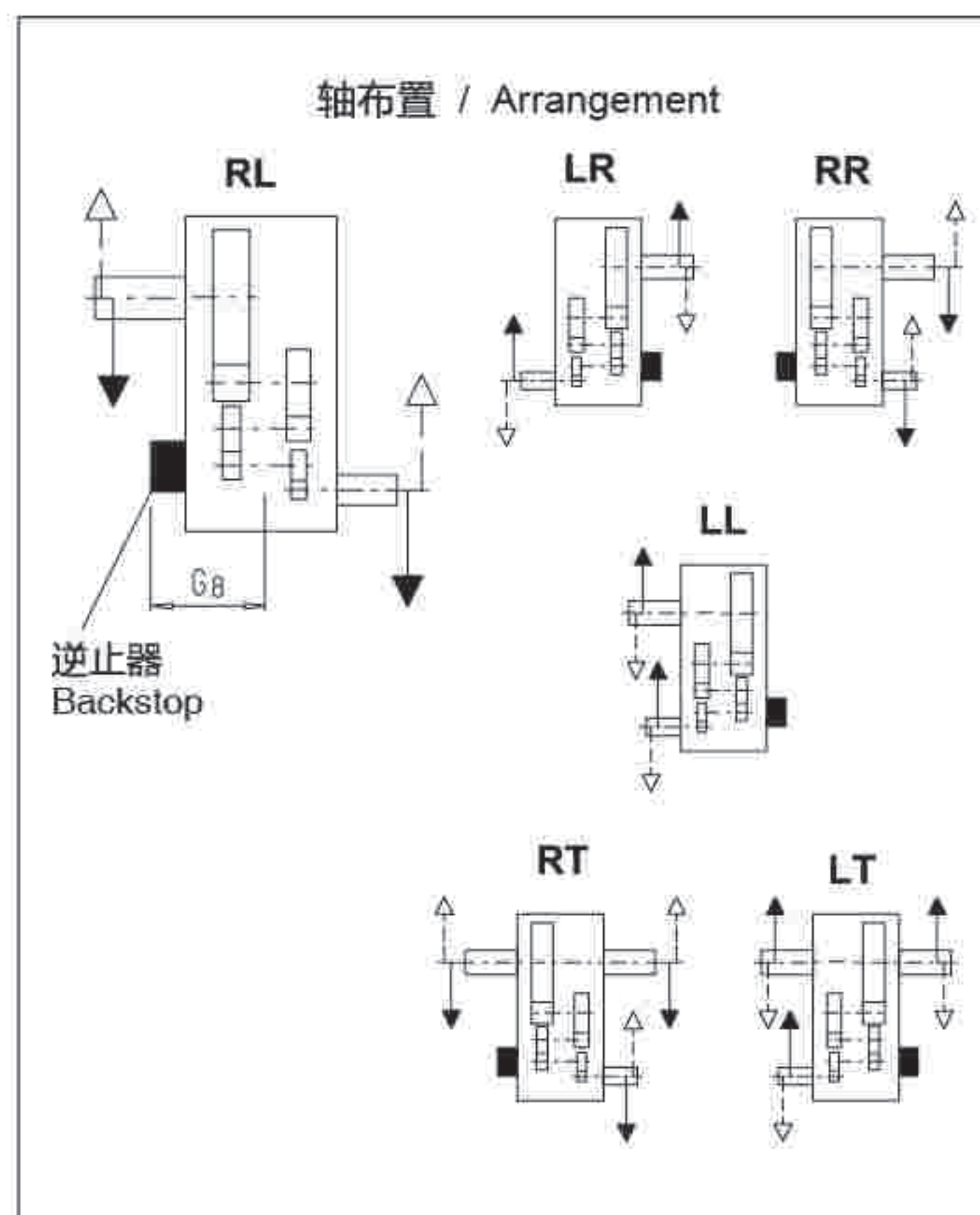
Gear units Dimensions KP4..H 121-124



型号 Size	输入轴 / Input				
	$i_N = 100 - 180$		$i_N = 200 - 355$		G_1
	d_1	l_1	d_1	l_1	
121 + 122	90	130	70	105	505
123 + 124	100	205	85	170	565

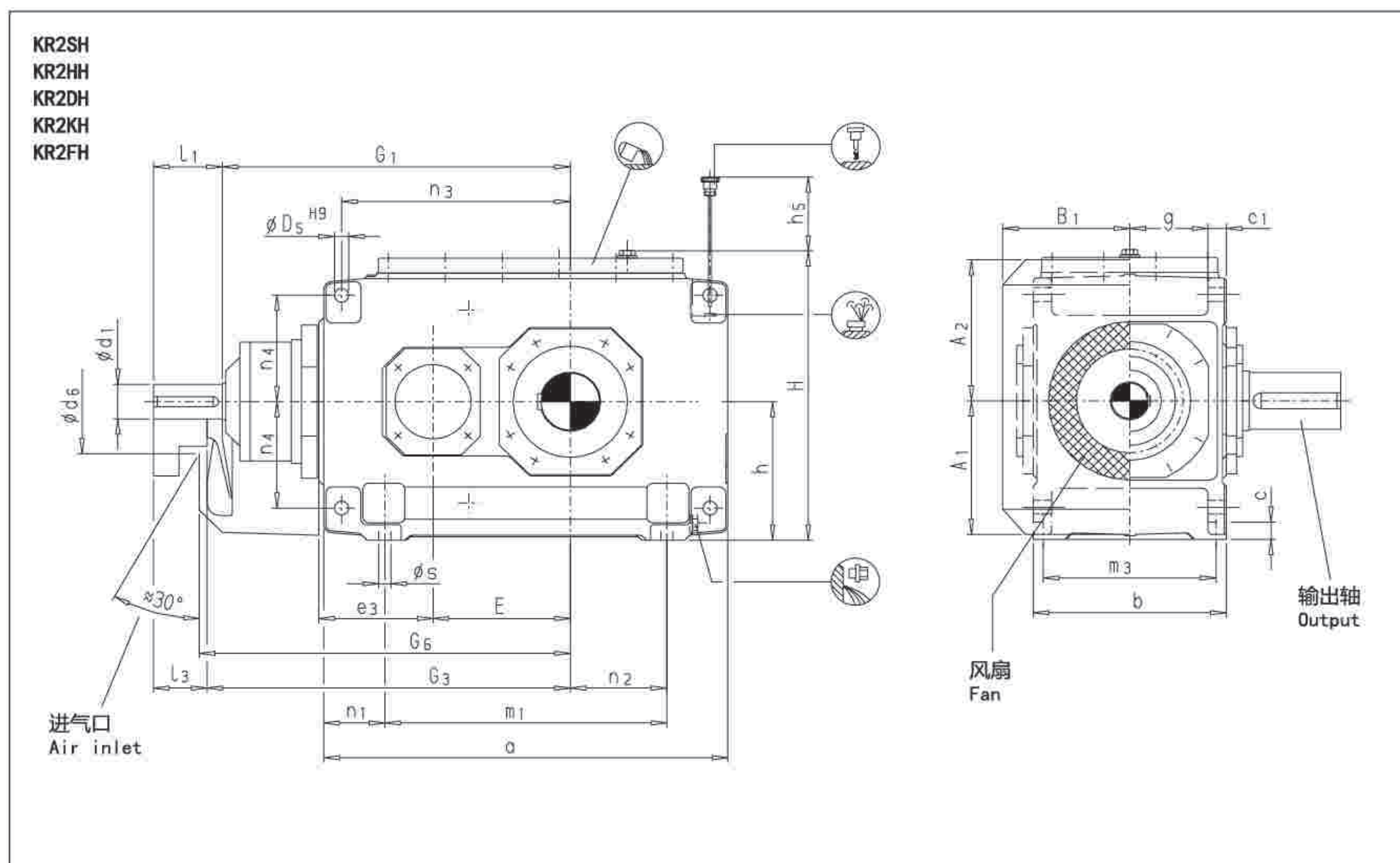
型号 Size	齿轮箱 / Gear units												
	b	c	c ₁	D ₅	g	h	h ₁	h ₂	h ₄	m ₃	n ₁	n ₄	s
121+122	930	115	120±2	80	342	780	770	790	555	810	180	580	56
123+124	1045	130	120±2	90	400	860	860	860	595	910	200	660	66

型号 Size	齿轮箱 / Gear units										逆止器 Backstop G_8
	a	e_2	E	E_1	f_1	H	m_1	m_2	n_2	n_3	尺寸请咨询 Dimensions on request
121	2530	730	1505	225	35	1570	1085	1085	550	1725	
122	2660	795	1570	225	35	1570	1085	1215	615	1790	
123	2830	790	1695	265	65	1720	1215	1215	590	1965	
124	3010	880	1785	265	65	1720	1215	1395	680	2055	



齿轮箱 尺寸图 KR2..H 102-110

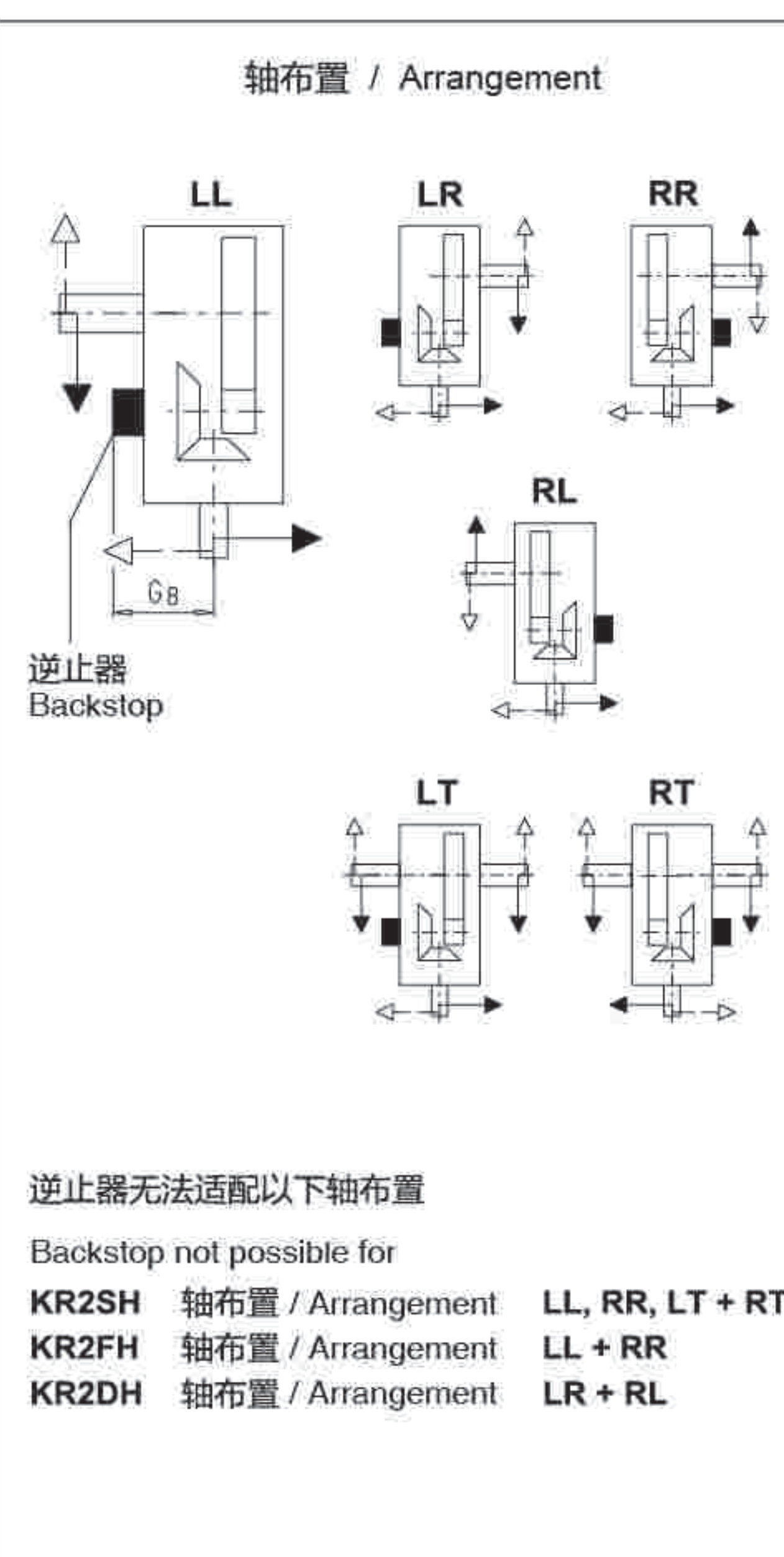
Gear units Dimensions KR2..H 102-110



型号 Size	输入轴 / Input							风扇 / Fan			
	i _N = 5 - 11.2			G ₁	G ₃	G ₁	G ₃	A ₁	A ₂	B ₁	d ₆
	d ₁	l ₁	l ₃								
102	45	100	80	465	485	-	-	195	200	188	150
103+104	55	110	80	535	565	570	600	220	235	215	160
105+106	70	135	105	640	670	685	715	270	285	250	210
107+108	80	165	130	755	790	805	840	310	325	270	195
109+110	90	165	130	925	960	995	1030	370	385	328	210

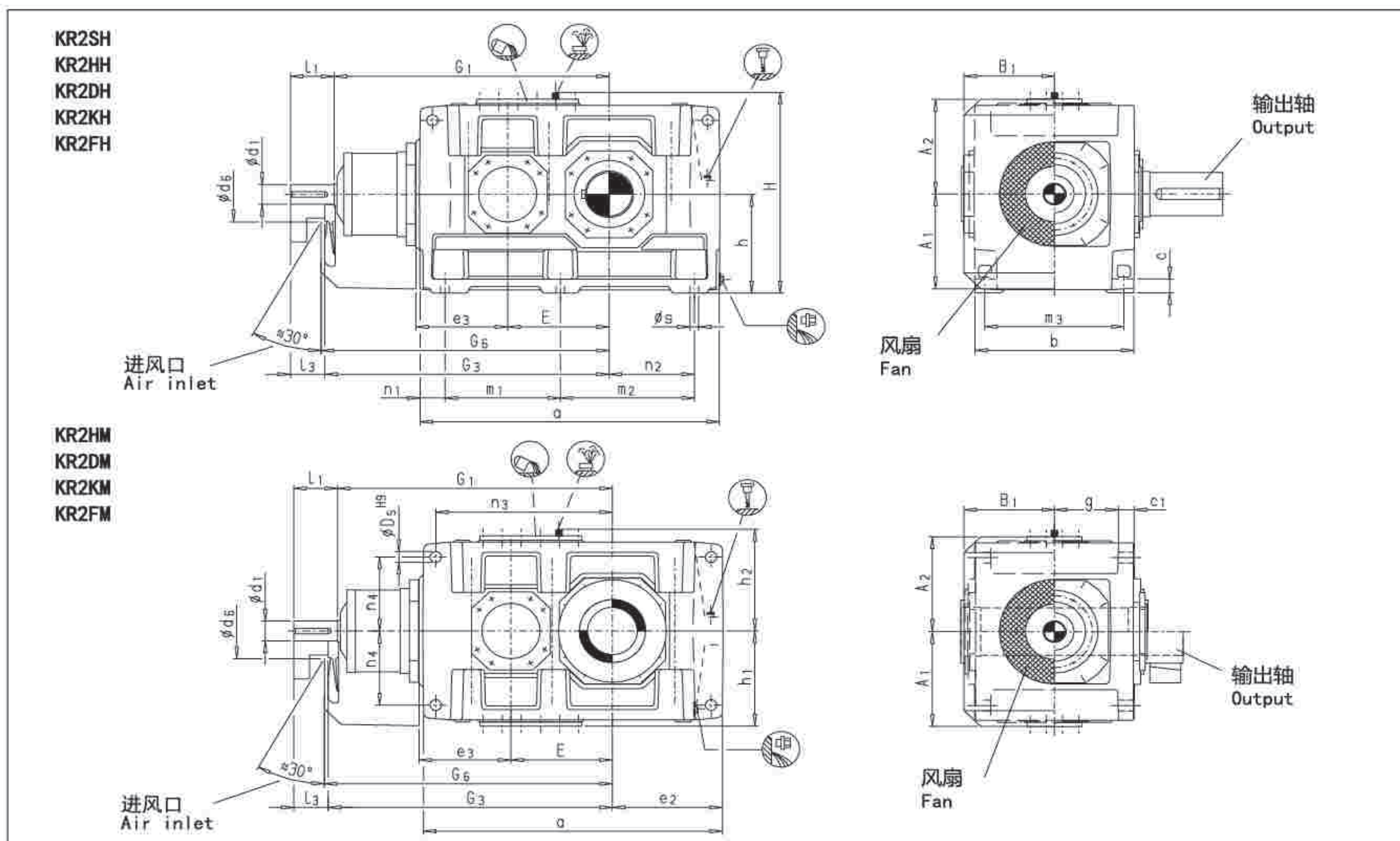
型号 Size	齿轮箱 / Gear units										
	b	c	c ₁	D ₅	e ₃	g	h	m ₃	n ₁	n ₄	s
102	270	28	30±1	24	160	105	200	235	105	150	19
103+104	320	28	30±1	24	185	130	230	285	105	180	19
105+106	380	35	36±1	28	225	154	280	340	120	215	24
107+108	440	40	48±1.5	36	265	172	320	390	145	245	28
109+110	530	50	54±1.5	40	320	211	380	470	165	300	35

型号 Size	齿轮箱 / Gear units								逆止器 Backstop
	a	E	G ₆	h ₅	H	m ₁	n ₂	n ₃	G ₈
102	505	160	495	80	415	295	85	285	284
103	565	185	575	150	482	355	100	330	323
104	645	220	610	150	482	435	145	365	323
105	690	225	685	180	582	450	130	405	375
106	795	270	730	190	582	555	190	450	375
107	820	265	805	205	662	530	155	480	452
108	920	315	855	215	662	630	205	530	452
109	975	320	980	240	790	645	180	580	497
110	1130	390	1050	250	790	800	265	650	497



齿轮箱 尺寸图 KR2..H 111-116

Gear units Dimensions KR2..H 111-116



型号 Size	输入轴 / Input										风扇 / Fan			
	$i_N = 5 - 11.2$			$i_N = 5.6 - 11.2$										
	$i_N = 6.3 - 14$			$i_N = 5.6 - 12.5$										
	$i_N = 7.1 - 12.5$													
	d_1	l_1	l_3	d_1	l_1	l_3	G_1	G_3	G_1	G_3	A_1	A_2	B_1	d_6
111+112	110	205	165				1070	1110	1140	1180	430	450	375	245
113	130	245	200				1277	1322			490	495	435	280
114				130	245	200			1323	1368	490	495	435	280
115				150	245	200	1435	1480			540	555	505	380
116	150	245	200				1495	1540			540	555	505	380

型号 Size	齿轮箱 / Gear units												
	b	c	c_1	D_5	e_3	g	h	h_1	h_2	m_3	n_1	n_4	s
111+112	655	60	61 ± 2	48	380	264	440	450	460	580	100	340	35
113+114	765	70	72 ± 2	55	450	308	500	490	500	670	120	375	42
115+116	885	80	81 ± 2	65	510	356	550	555	560	780	135	420	48

型号 Size	齿轮箱 / Gear units										逆止器 Backstop G_8
	a	e_2	E	G_6	H	m_1	m_2	n_2	n_3		
111	1130	405	370	1130	900	465	465	305	675		559
112	1270	475	440	1200	900	465	605	375	745		559
113	1350	485	442	1340	1000	555	555	365	805		585
114	1440	530	488	1385	1000	555	645	410	850		585
115	1490	525	490	1500	1110	610	610	390	895		703
116	1610	585	550	1560	1110	610	730	450	955		703

轴布置 / Arrangement

逆止器
Backstop

逆止器: 型号 111 - 112
Backstop: Size 111 - 112

逆止器: 型号 113 - 116
Backstop: Size 113 - 116

逆止器无法适配以下轴布置
Backstop not possible for

KR2SH 型号 / Size 111 + 112
轴布置 / Arrangement **LL, RR, LT + RT**

KR2SH 型号 / Size 113 - 116
轴布置 / Arrangement **LR, RL, LT + RT**

KR2FH 型号 / Size 111 + 112
轴布置 / Arrangement **LL + RR**

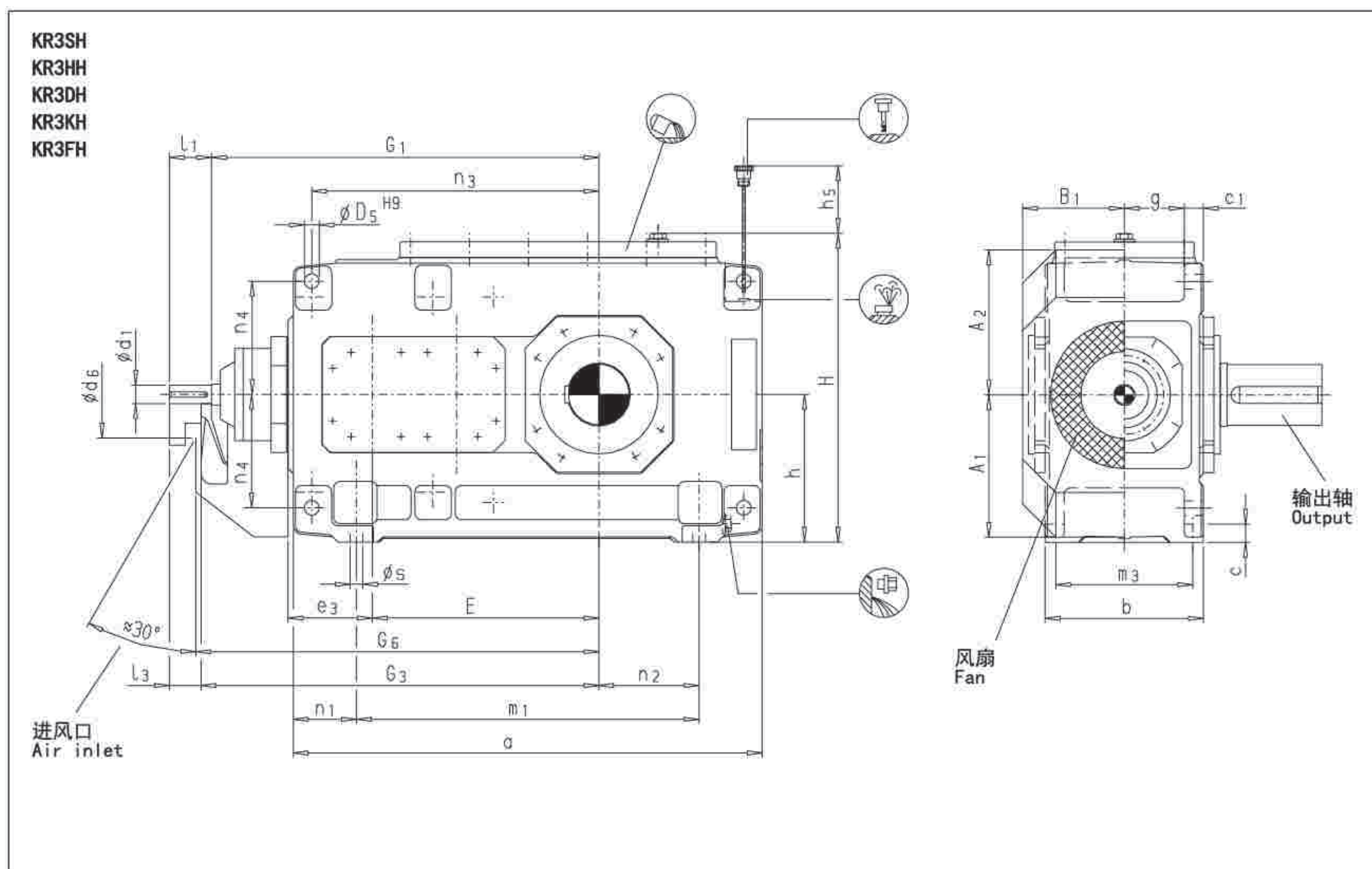
KR2FH 型号 / Size 113 - 116
轴布置 / Arrangement **LR + RL**

KR2DH 型号 / Size 112
轴布置 / Arrangement **LR + RL**

KR2DH 型号 / Size 114 + 116
轴布置 / Arrangement **LL + RR**

齿轮箱 尺寸图 KR3..H 102-110

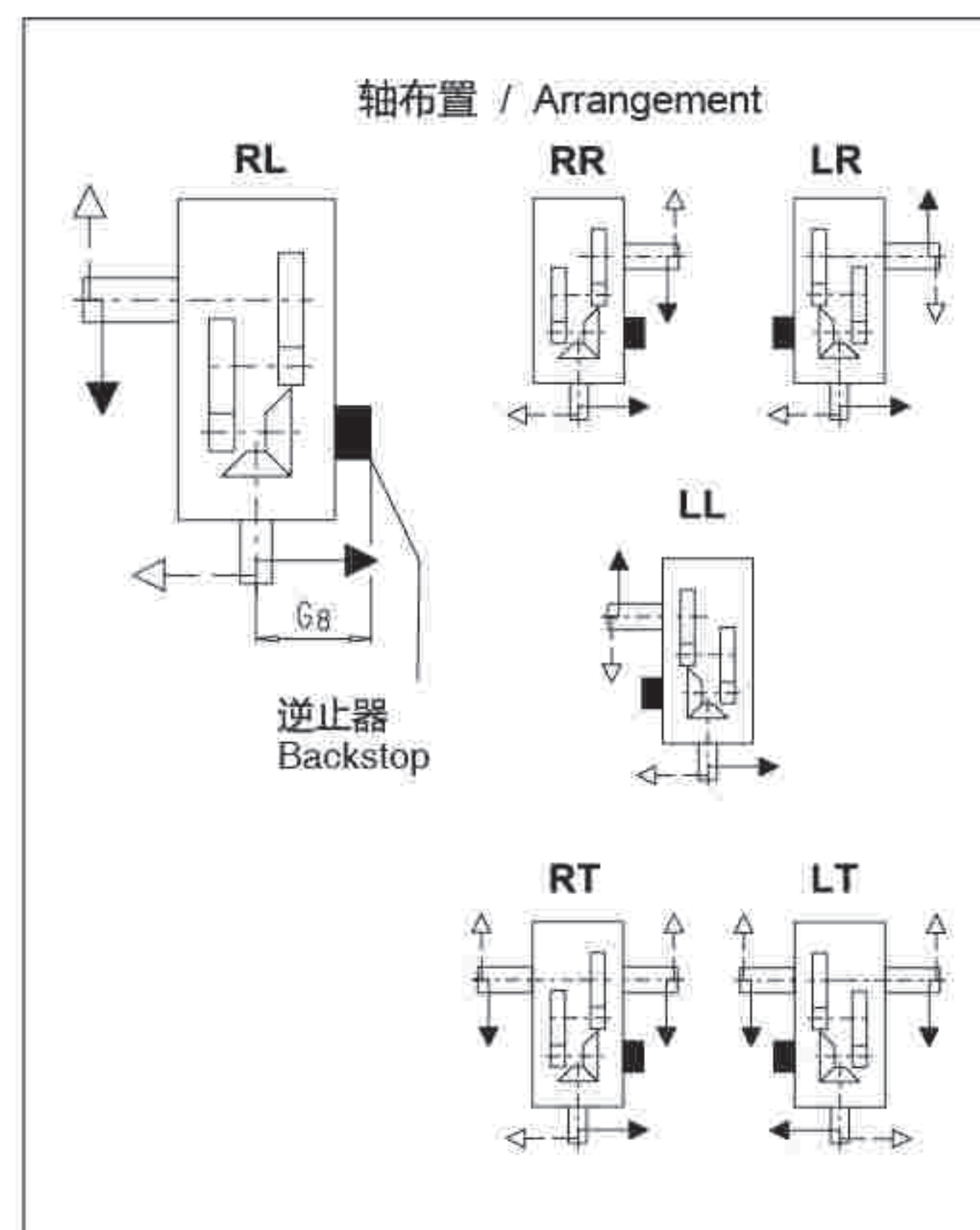
Gear units Dimensions KR3..H 102-110



型号 Size	输入轴 / Input										风扇 / Fan			
	$i_N = 12.5 - 45$			$i_N = 50 - 71$			G_1	G_3	G_1	G_3				
	d_1	l_1	l_3	d_1	l_1	l_3					A_1	A_2	B_1	d_6
102	30	70	50	25	60	40	500	520	-	-	195	200	143	110
103+104	35	80	60	28	60	40	575	595	610	630	220	235	168	130
105+106	45	100	80	35	80	60	690	710	735	755	275	275	193	165
107+108	55	110	80	40	100	70	800	830	850	880	315	325	231	175
109+110	70	135	105	50	110	80	960	990	1030	1060	370	385	263	190

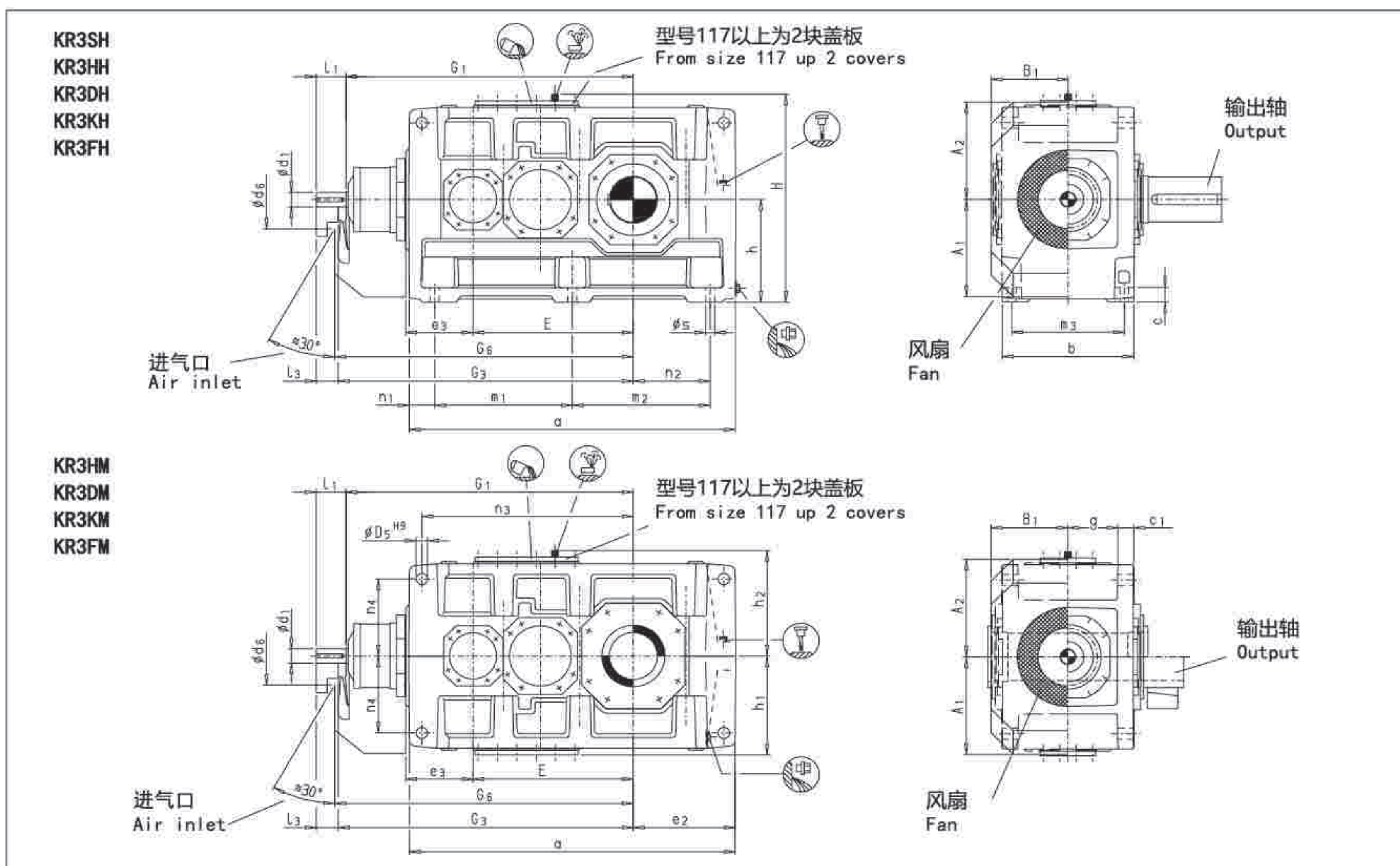
型号 Size	齿轮箱 / Gear units										
	b	c	c_1	D_5	e_3	g	h	m_3	n_1	n_4	s
102	215	28	30 ± 1	24	110	77.5	200	180	105	150	19
103+104	255	28	30 ± 1	24	130	97.5	230	220	105	180	19
105+106	300	35	36 ± 1	28	160	114	280	260	120	215	24
107+108	370	40	45 ± 1.5	36	185	140	320	320	145	245	28
109+110	430	50	54 ± 1.5	40	225	161	380	370	165	300	35

型号 Size	齿轮箱 / Gear units									逆止器 Backstop G_8
	a	E	G_6	h_5	H	m_1	n_2	n_3		
102	565	270	530	100	415	355	85	345		204
103	640	315	605	130	482	430	100	405		223
104	720	350	640	130	482	510	145	440		223
105	785	385	720	170	572	545	130	500		281
106	890	430	765	160	582	650	190	545		281
107	925	450	845	175	662	635	155	585		317
108	1025	500	895	175	662	735	205	635		317
109	1105	545	1010	220	782	775	180	710		368
110	1260	615	1080	210	790	930	265	780		368



齿轮箱 尺寸图 KR3..H 111-120

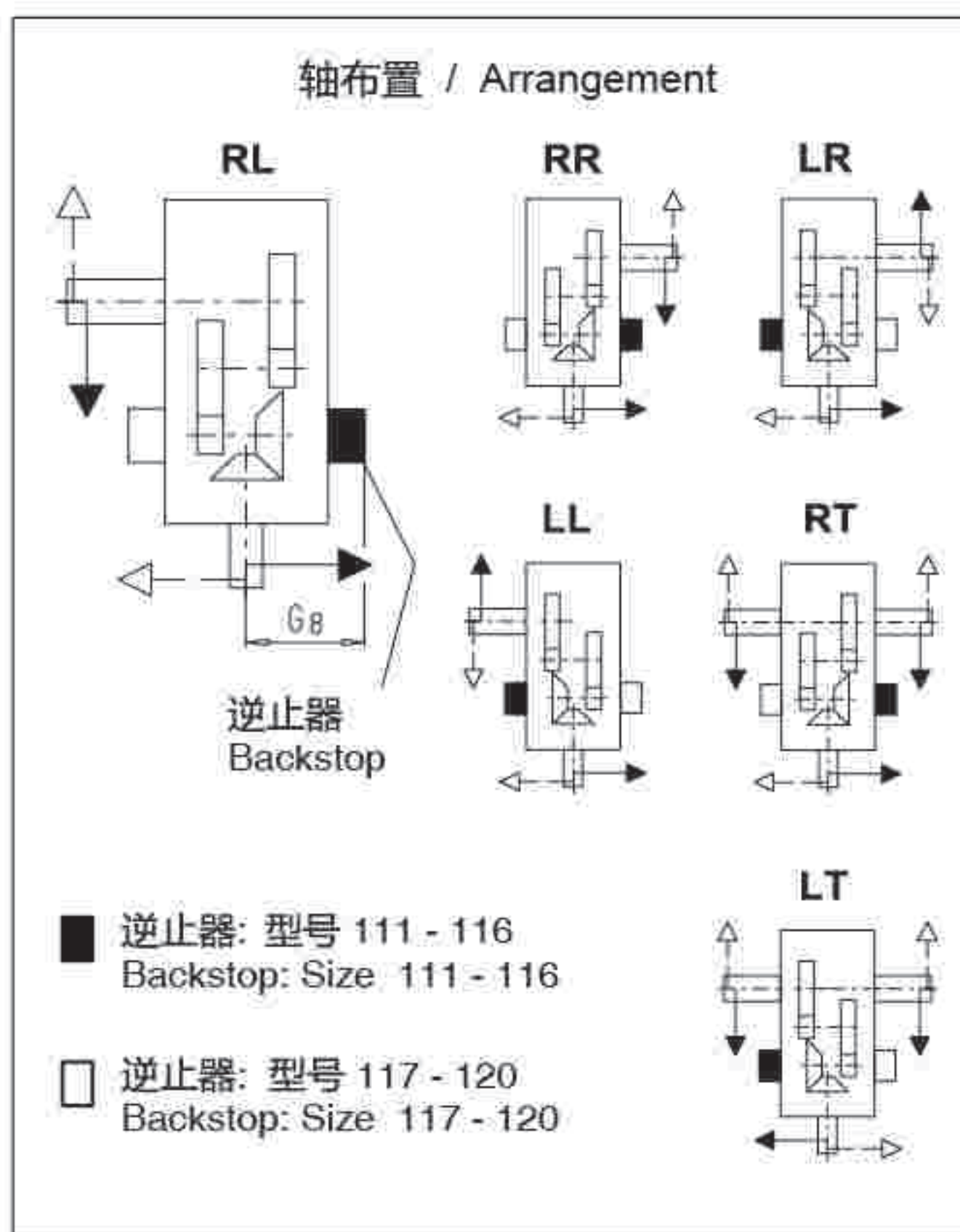
Gear units Dimensions KR3..H 111-120



型号 Size	输入轴 / Input										风扇 / Fan			
	$i_N = 12.5 - 45$			$i_N = 50 - 71$										
	$i_N = 14 - 50$			$i_N = 56 - 80$										
	$i_N = 16 - 56$			$i_N = 63 - 90$										
	d_1	l_1	l_3	d_1	l_1	l_3	G_1	G_3	G_1	G_3	A_1	A_2	B_1	d_6
111+112	80	165	130	60	140	105	1125	1160	1195	1230	425	435	325	210
113+114	90	165	130	70	140	105	1367	1402	1413	1448	485	520	365	210
115+116	110	205	165	80	170	130	1560	1600	1620	1660	535	570	395	230
117+118	130	245	200	100	210	165	1832	1877	1892	1937	610	630	448	245
119+120	130	245	200	100	210	165	1902	1947	1957	2002	690	690	473	280

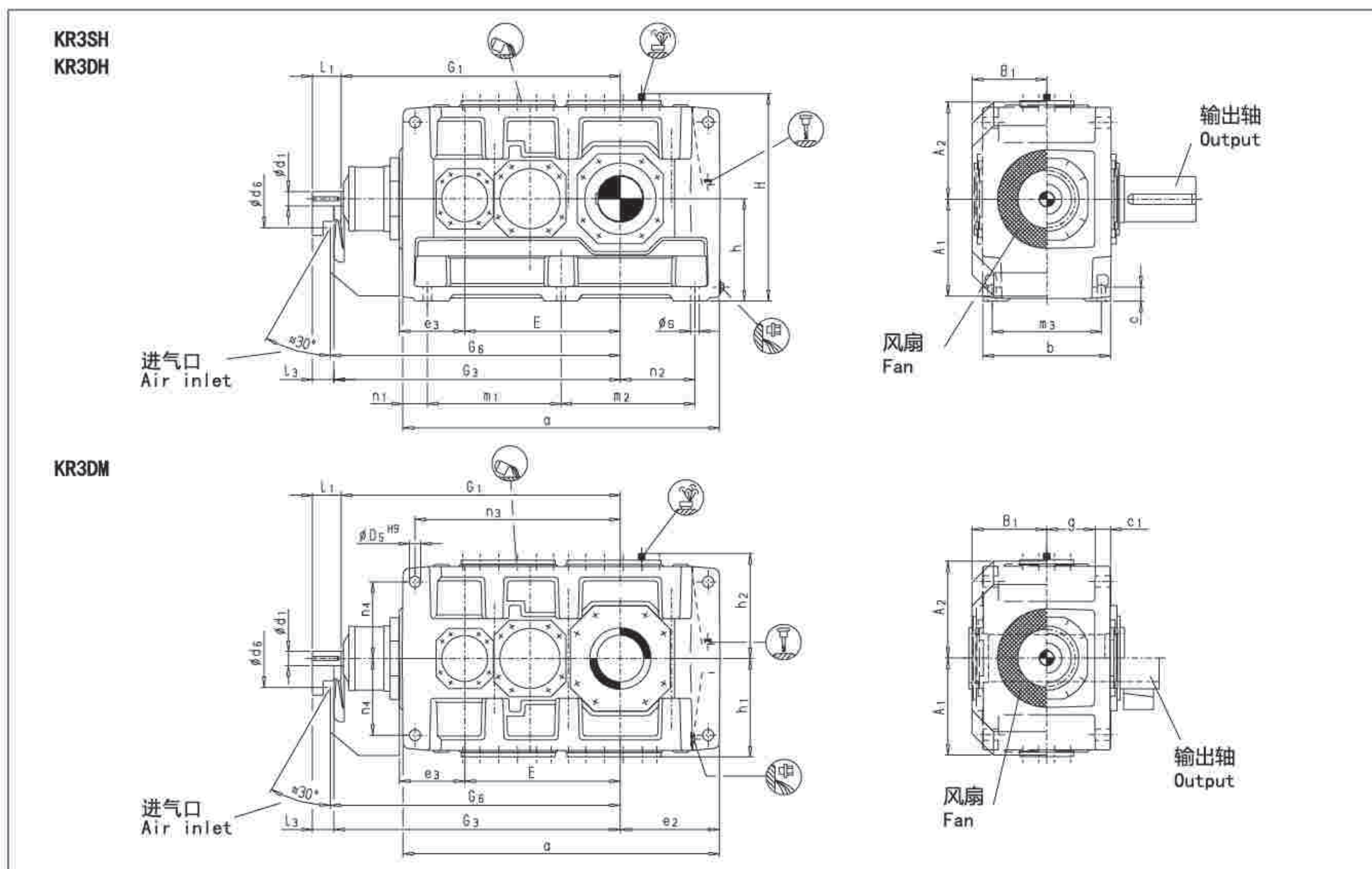
型号 Size	齿轮箱 / Gear units												
	b	c	c ₁	D ₅	e ₃	g	h	h ₁	h ₂	m ₃	n ₁	n ₄	s
111+112	550	60	61±2	48	265	211.5	440	450	460	475	100	340	35
113+114	625	70	72±2	55	320	238	500	490	500	535	120	375	42
115+116	690	80	81±2	55	370	259	550	555	560	600	135	425	42
117+118	790	90	91±2	65	420	299	620	615	620	690	155	475	48
119+120	830	100	100±2	75	450	310	700	685	690	720	170	520	56

型号 Size	齿轮箱 / Gear units									逆止器 Backstop G_8
	a	e_2	E	G_6	H	m_1	m_2	n_2	n_3	
111	1290	405	635	1180	900	545	545	305	835	451
112	1430	475	705	1250	900	545	685	375	905	451
113	1550	485	762	1420	1000	655	655	365	1005	497
114	1640	530	808	1470	1000	655	745	410	1050	497
115	1740	525	860	1620	1110	735	735	390	1145	564
116	1860	585	920	1680	1110	735	855	450	1205	564
117	2010	590	997	1900	1240	850	850	435	1345	621
118	2130	650	1057	1960	1240	850	970	495	1405	621
119	2140	655	1067	1970	1390	900	900	485	1400	640
120	2250	710	1122	2025	1390	900	1010	540	1455	640



齿轮箱 尺寸图 KR3..H 121-124

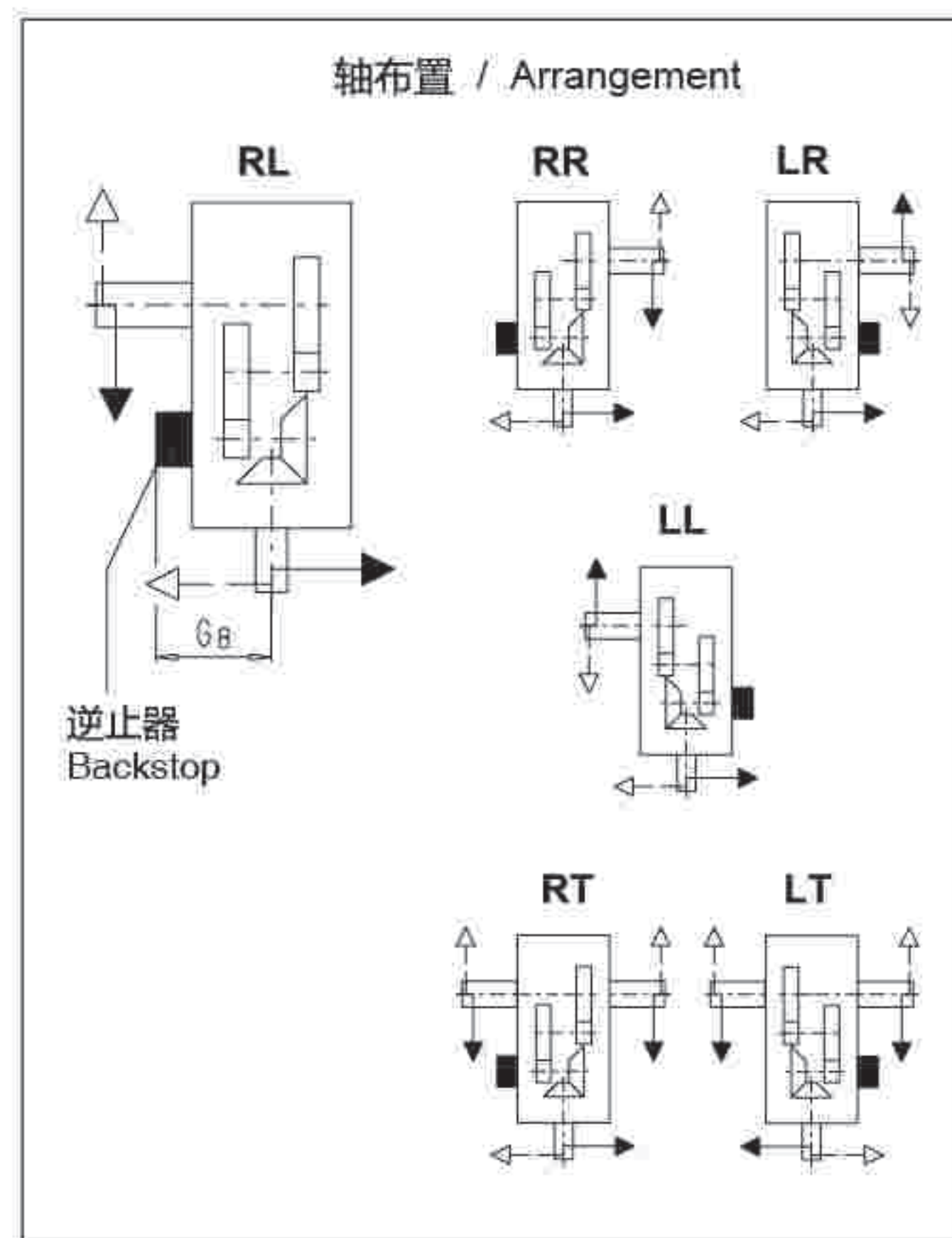
Gear units Dimensions KR3..H 121-124



型号 Size	输入轴 / Input										风扇 / Fan			
	$i_N = 20 - 45$			$i_N = 50 - 71$			G_1	G_3	G_1	G_3	A_1	A_2	B_1	d_6
	d_1	l_1	l_3	d_1	l_1	l_3								
121+122	150	245	200	110	210	165	2130	2175	2195	2240	770	770	528	350
123+124	150	245	200	110	210	165	2270	2315	2360	2405	845	865	585	380

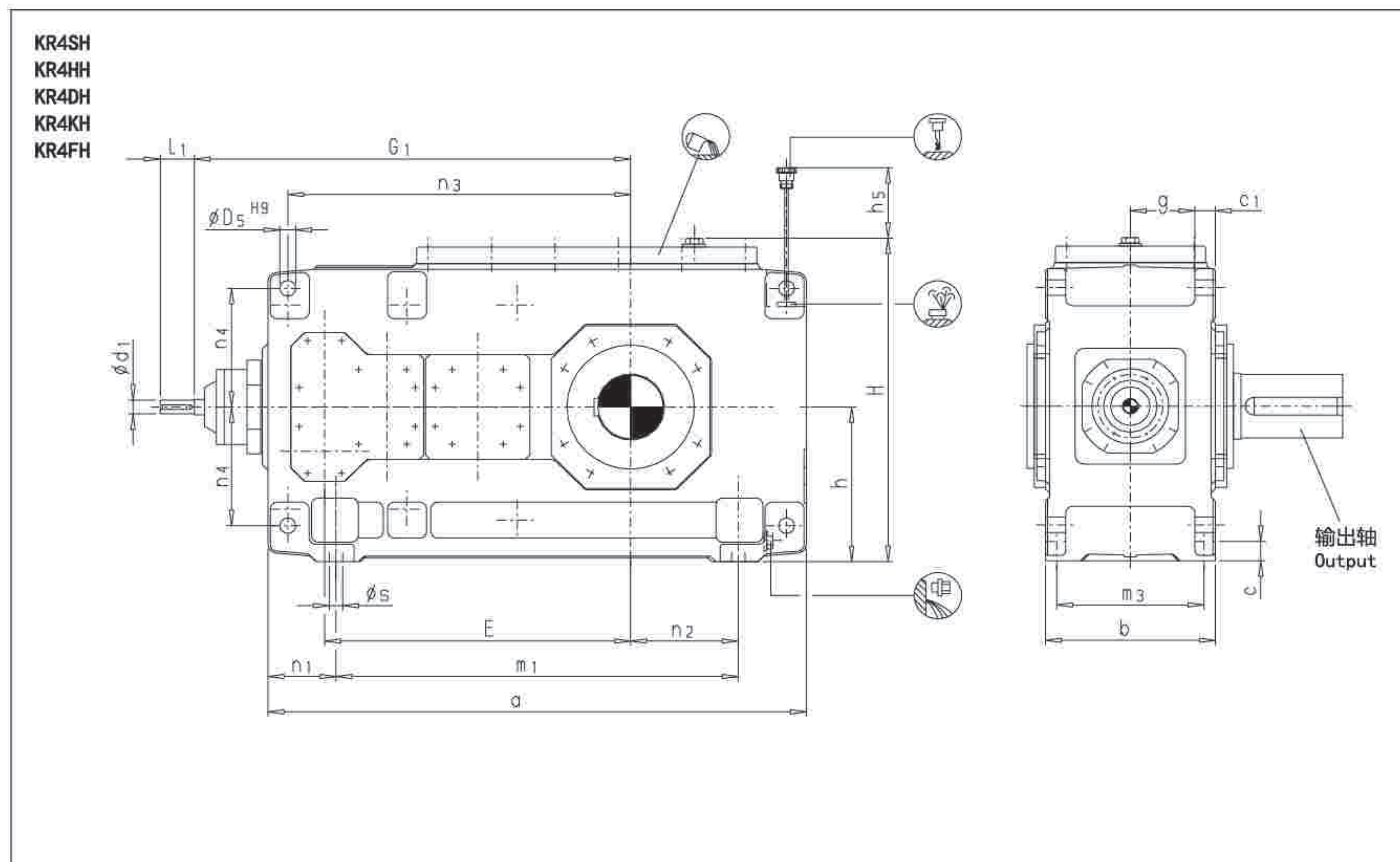
型号 Size	齿轮箱 / Gear units											
	b	c	c_1	D_5	e_3	g	h	h_1	h_2	m_3	n_1	n_4
121+122	930	115	120 ± 2	80	490	342	780	770	790	810	180	580
123+124	1045	130	120 ± 2	90	490	400	860	860	860	910	200	660

型号 Size	齿轮箱 / Gear units									逆止器 Backstop G_8
	a	e_2	E	G_6	H	m_1	m_2	n_2	n_3	
121	2380	730	1185	2200	1570	1010	1010	550	1560	尺寸请咨询 Dimensions on request
122	2510	795	1250	2265	1570	1010	1140	615	1625	
123	2580	790	1325	2315	1720	1090	1090	590	1685	
124	2760	880	1415	2430	1720	1090	1270	680	1775	



齿轮箱 尺寸图 KR4..H 103-110

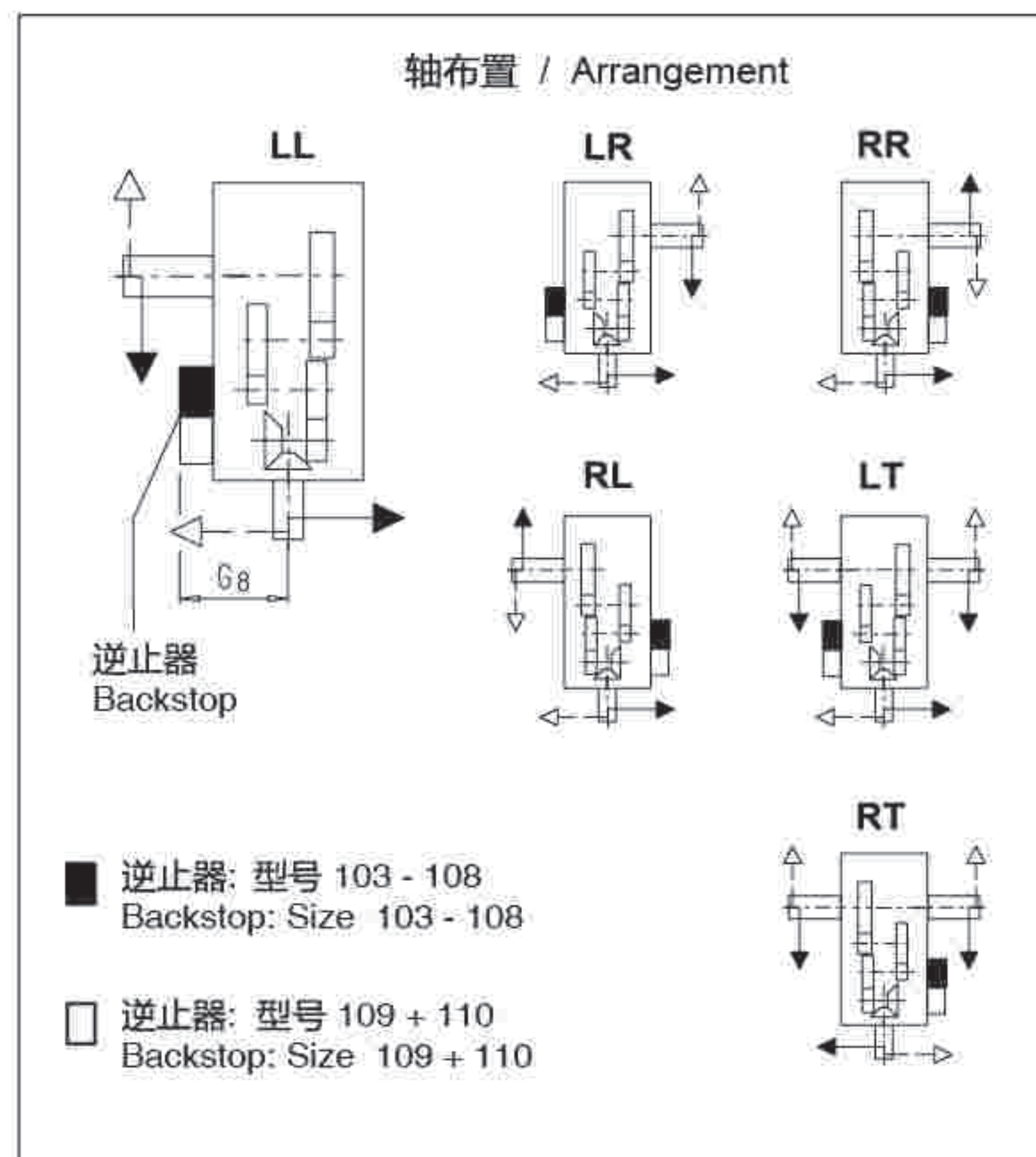
Gear units Dimensions KR4..H 103-110



型号 Size	输入轴 / Input					
	$i_N = 80 - 180$		$i_N = 200 - 315$		G_1	G_1
	$i_N = 100 - 224$		$i_N = 250 - 400$			
	d_1	l_1	d_1	l_1		
103 + 104	28	55	20	50	615	650
105 + 106	30	70	25	60	725	770
107 + 108	35	80	28	60	840	890
109 + 110	45	100	35	80	1010	1080

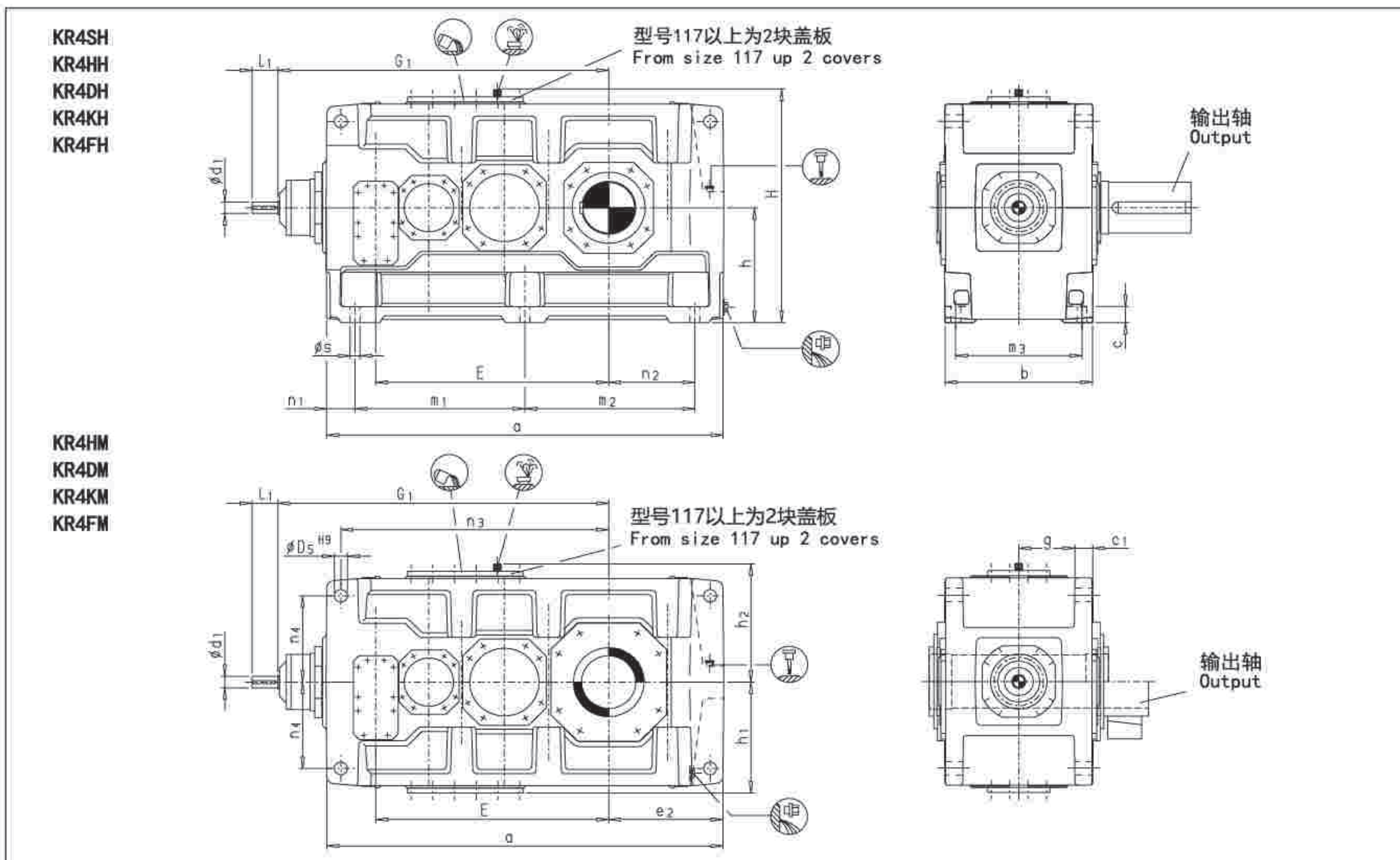
型号 Size	齿轮箱 / Gear units									
	b	c	c_1	D_5	g	h	m_3	n_1	n_4	s
103+104	255	28	30 ± 1	24	97.5	230	220	105	180	19
105+106	300	35	36 ± 1	28	114	280	260	120	215	24
107+108	370	40	45 ± 1.5	36	140	320	320	145	245	28
109+110	430	50	54 ± 1.5	40	161	380	370	165	300	35

型号 Size	齿轮箱 / Gear units							逆止器 Backstop G_8
	a	E	h_5	H	m_1	n_2	n_3	
103	690	405	100	482	480	100	455	236
104	770	440	100	482	560	145	490	236
105	845	495	140	572	605	130	560	286
106	950	540	130	582	710	190	605	286
107	1000	580	135	662	710	155	660	317
108	1100	630	135	662	810	205	710	317
109	1200	705	170	782	870	180	805	333
110	1355	775	160	790	1025	265	875	333



齿轮箱 尺寸图 KR4..H 111-120

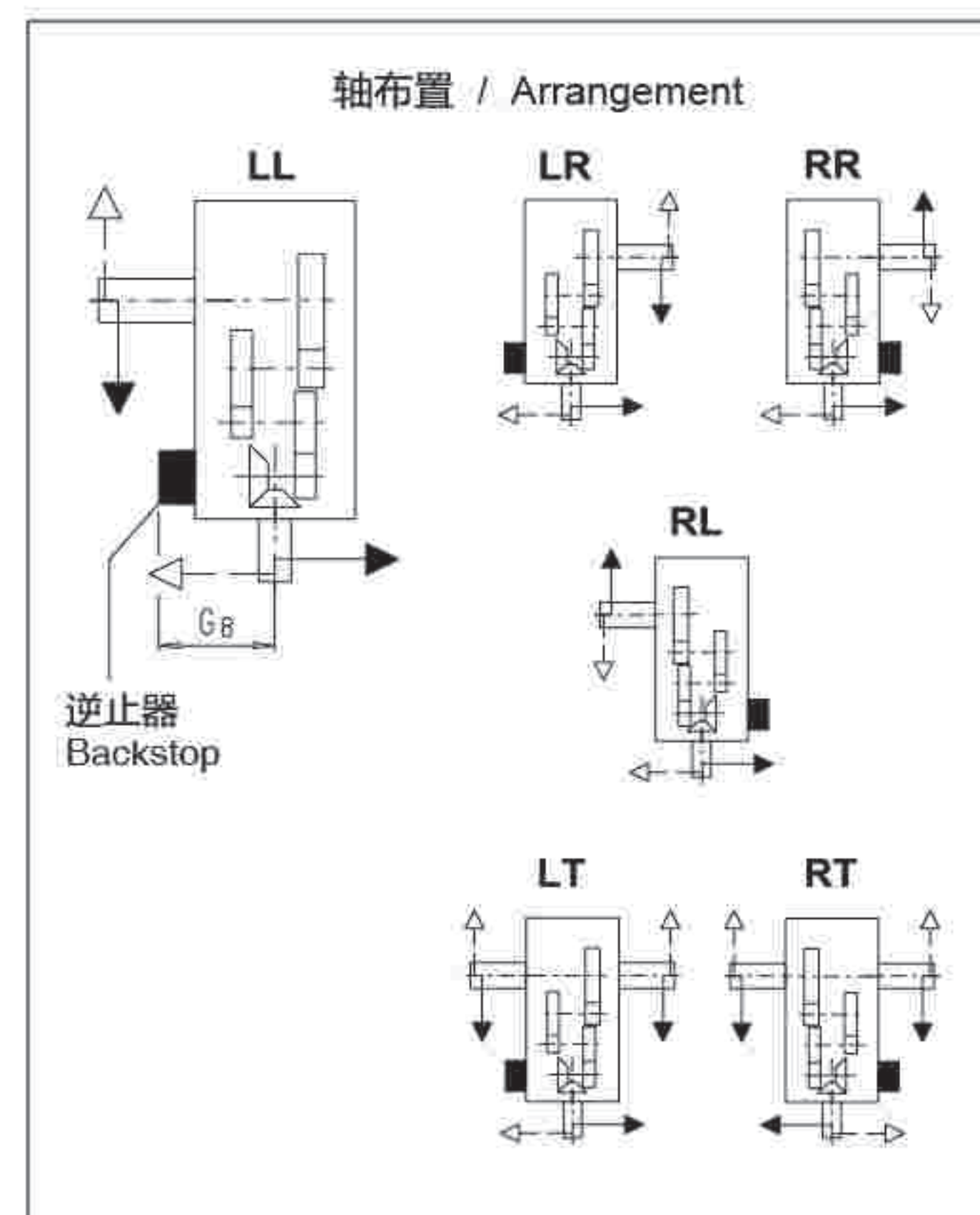
Gear units Dimensions KR4..H 111-120



型号 Size	输入轴 / Input					
	$i_N = 80 - 180$		$i_N = 200 - 315$			
	$i_N = 90 - 200$		$i_N = 224 - 355$			
	$i_N = 100 - 224$		$i_N = 250 - 400$			
	d_1	l_1	d_1	l_1	G_1	G_1
111 + 112	55	110	40	100	1170	1240
113 + 114	70	135	50	110	1402	1448
115 + 116	70	135	50	110	1450	1510
117 + 118	80	165	60	140	1680	1740
119 + 120	90	165	70	140	1992	2047

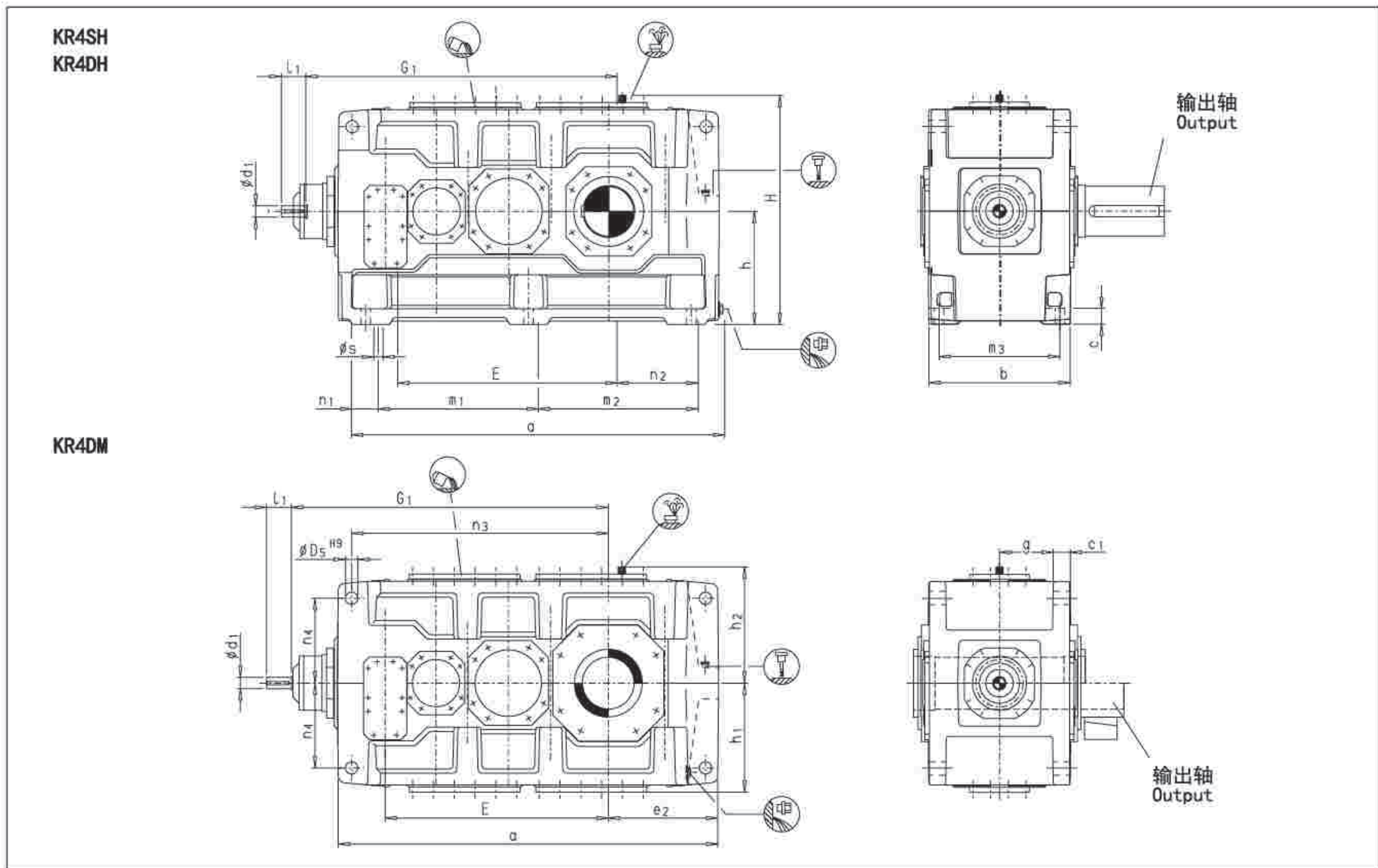
型号 Size	齿轮箱 / Gear units											
	b	c	c_1	D_5	g	h	h_1	h_2	m_3	n_1	n_4	s
111+112	550	60	61 ± 2	48	211.5	440	450	460	475	100	340	35
113+114	625	70	72 ± 2	55	238	500	490	500	535	120	375	42
115+116	690	80	81 ± 2	55	259	550	555	560	600	135	425	42
117+118	790	90	91 ± 2	65	299	620	615	620	690	155	475	48
119+120	830	100	100 ± 2	75	310	700	685	690	720	170	520	56

型号 Size	齿轮箱 / Gear units								逆止器 Backstop G_8
	a	e_2	E	H	m_1	m_2	n_2	n_3	
111	1395	405	820	900	597.5	597.5	305	940	391
112	1535	475	890	900	597.5	737.5	375	1010	391
113	1680	485	987	1000	720	720	365	1135	487
114	1770	530	1033	1000	720	810	410	1180	487
115	1770	525	1035	1110	750	750	390	1175	487
116	1890	585	1095	1110	750	870	450	1235	487
117	2030	590	1190	1240	860	860	435	1365	561
118	2150	650	1250	1240	860	980	495	1425	561
119	2340	655	1387	1390	1000	1000	485	1600	580
120	2450	710	1442	1390	1000	1110	540	1655	580



齿轮箱 尺寸图 KR4..H 121-124

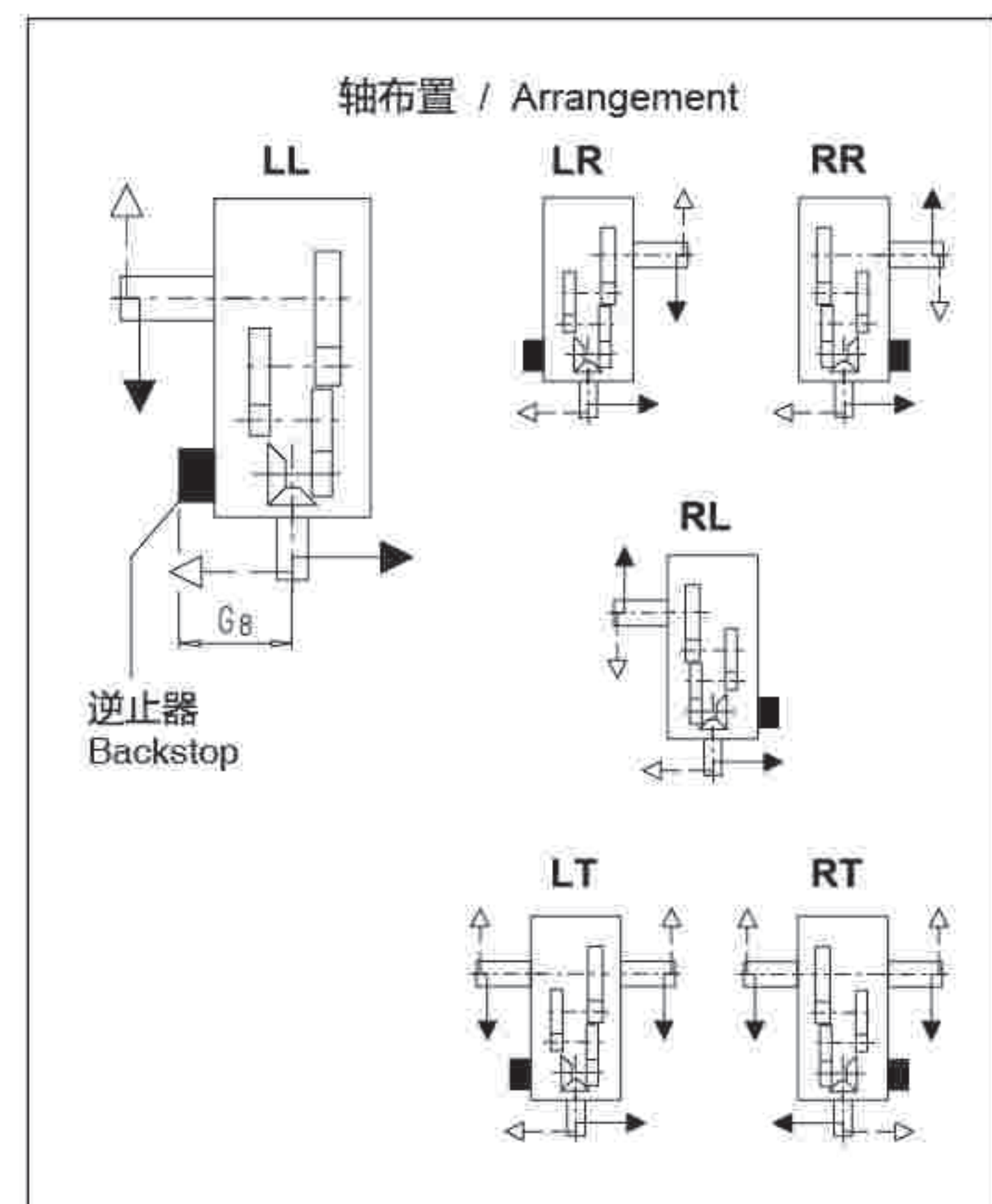
Gear units Dimensions KR4..H 121-124



型号 Size	输入轴 / Input					
	$i_N = 80 - 180$		$i_N = 200 - 315$		G_1	G_1
	$i_N = 90 - 200$		$i_N = 224 - 355$			
	d_1	l_1	d_1	l_1		
121 + 122	90	165	70	140	2110	2175
123 + 124	110	205	80	170	2395	2485

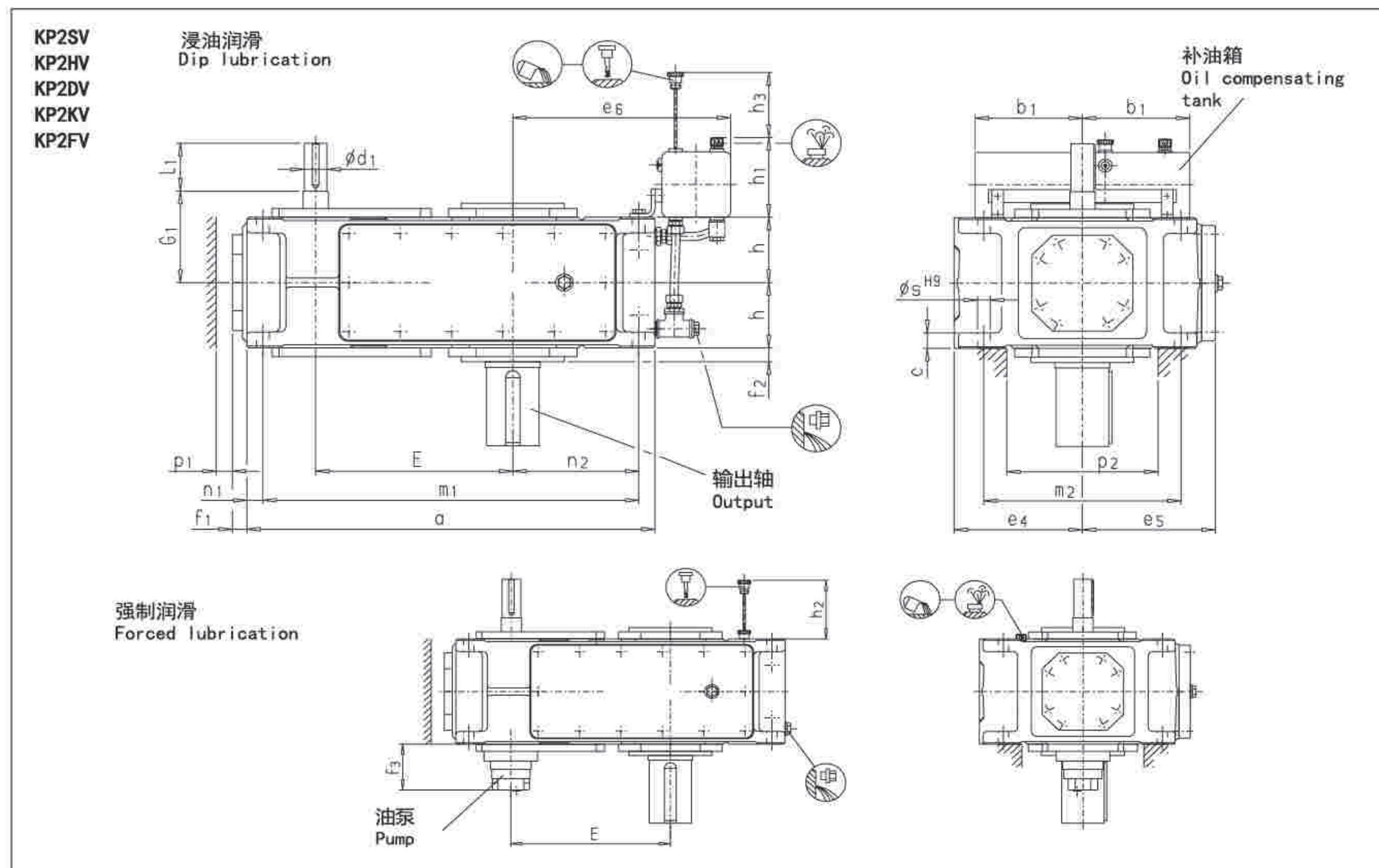
型号 Size	齿轮箱 / Gear units											
	b	c	c_1	D_5	g	h	h_1	h_2	m_3	n_1	n_4	s
121+122	930	115	120 ± 2	80	342	780	770	790	810	180	580	56
123+124	1045	130	120 ± 2	90	400	860	860	860	910	200	660	66

型号 Size	齿轮箱 / Gear units									逆止器 Backstop G_8
	a	e_2	E	H	m_1	m_2	n_2	n_3		
121	2530	730	1505	1570	1085	1085	550	1725	尺寸请咨询 Dimensions on request	
122	2660	795	1570	1570	1085	1215	615	1790		
123	2830	790	1695	1720	1215	1215	590	1965		
124	3010	880	1785	1720	1215	1395	680	2055		



齿轮箱 尺寸图 KP2..V 102-110

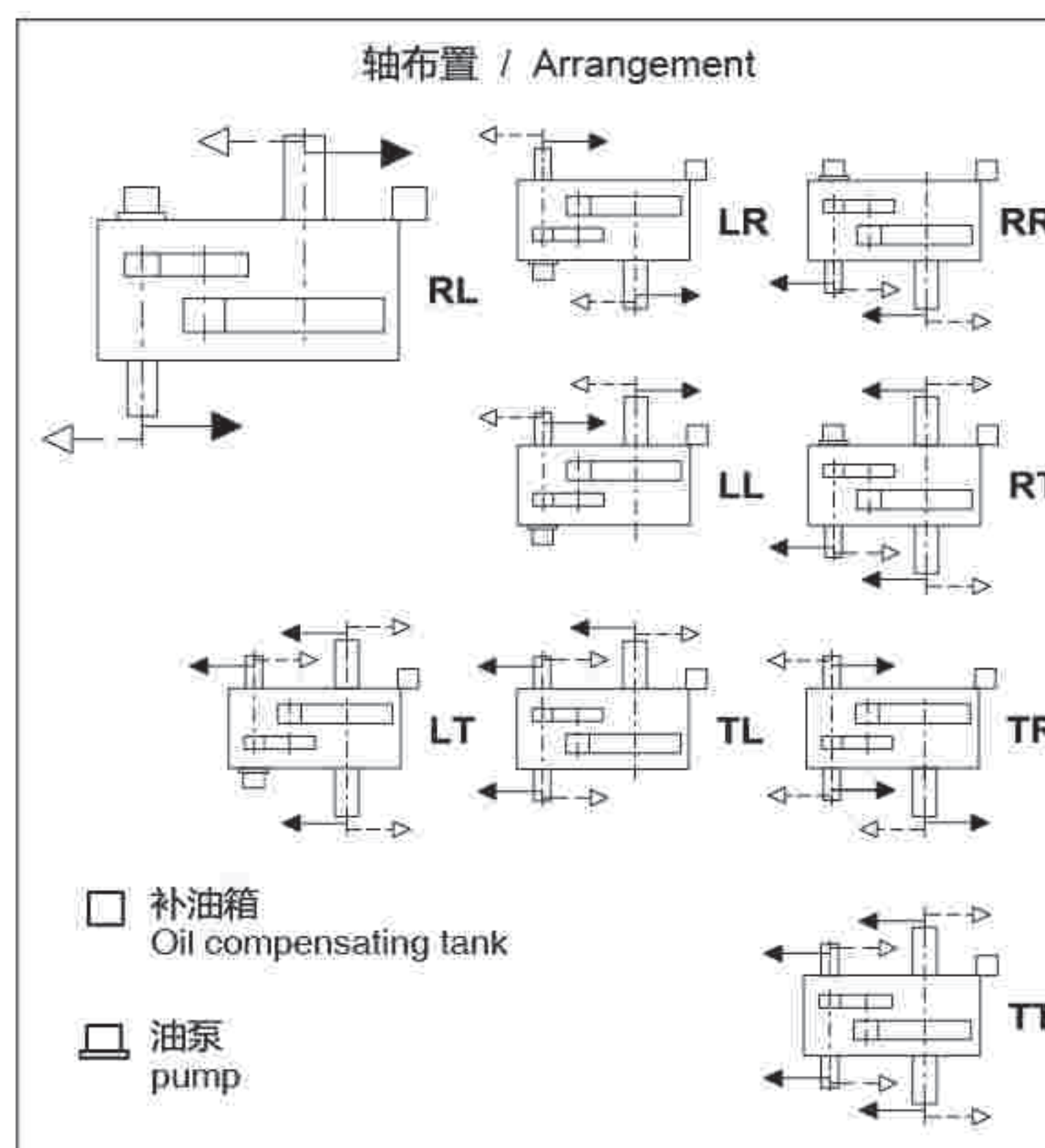
Gear units Dimensions KP2..V 102-110



型号 Size	输入轴 / Input							轴布置 / Arrangement TL, TR, TT 仅限于 / only for $i_N =$	
	$i_N = 6.3 - 11.2$			$i_N = 12.5 - 22.4$			G_1		
	d_1	l_1	l_3	d_1	l_1	l_3			
102	45	100	80	32	80	60	170	6.3 - 18	
103 + 104	50	100	80	38	80	60	195	6.3 - 18	8 - 22.4
105 + 106	60	135	105	50	110	80	210	6.3 - 16	8 - 20
107 + 108	75	140	110	60	140	110	240	6.3 - 16	8 - 20
109 + 110	90	165	130	70	140	105	275	6.3 - 18	8 - 22.4

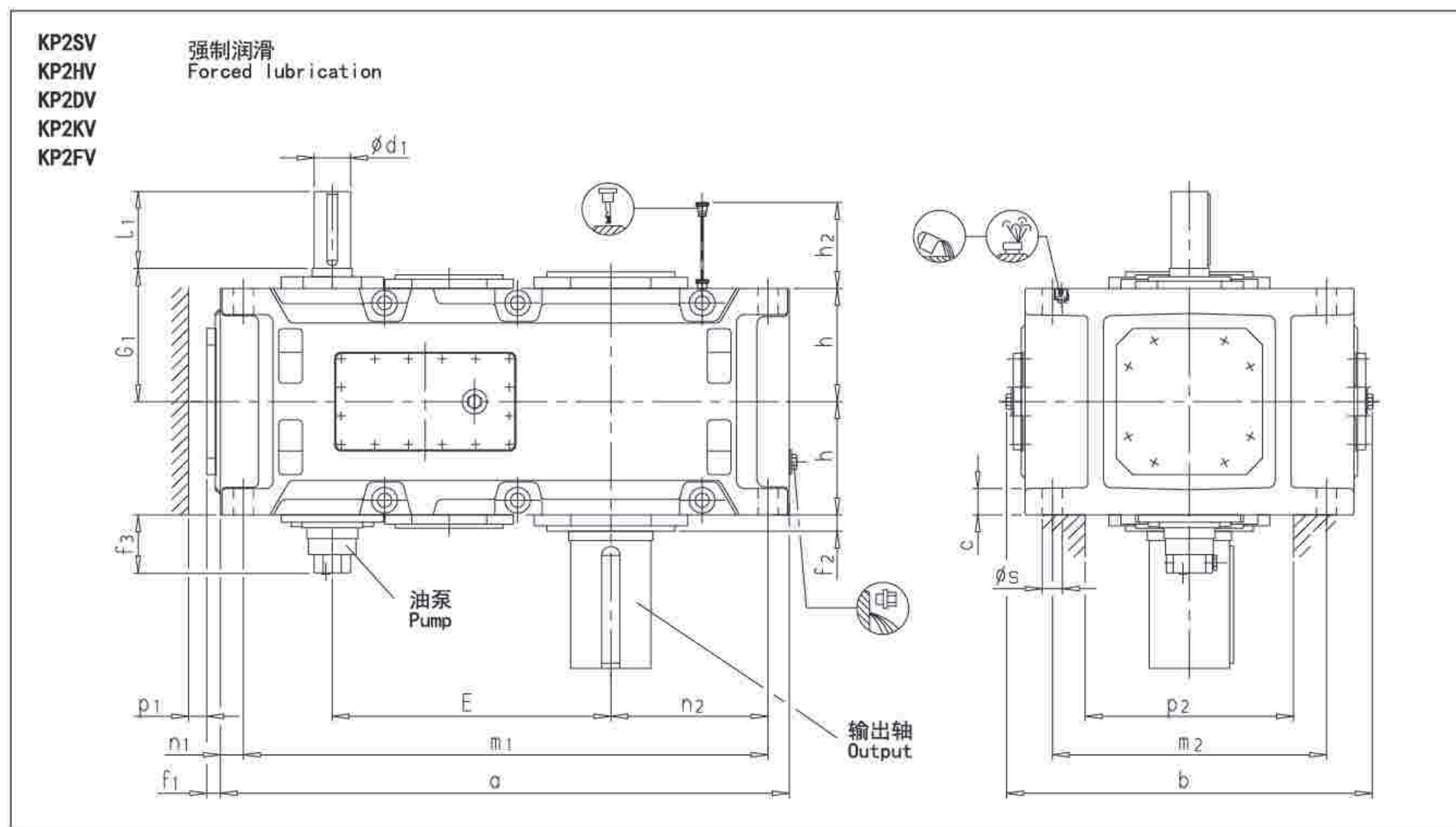
型号 Size	齿轮箱 / Gear units										
	b_1	c	e_4	f_1	h	h_1	h_2	h_3	m_2	n_1	s
102	150	30 ± 1	200	28	107.5	165	-	180	300	30	24
103+104	240	30 ± 1	230	38	127.5	205	190	240	360	30	24
105+106	240	36 ± 1	280	42	150	205	165	250	430	35	28
107+108	330	45 ± 1.5	320	42	185	275	205	330	490	40	36
109+110	330	54 ± 1.5	380	48	215	275	240	340	600	50	40

型号 Size	齿轮箱 / Gear units										油泵 / Pump f_3
	a	e_5	e_6	E	f_2	m_1	n_2	p_1	p_2		
102	565	215	320	270	22	505	160	35	220	-	
103	640	252	385	315	28	580	175	35	270	150	
104	720	252	425	350	28	660	220	35	270	150	
105	785	292	425	385	30	715	215	35	330	145	
106	890	302	485	430	32	820	275	35	330	145	
107	925	342	560	450	32	845	260	40	370	135	
108	1025	342	610	500	32	945	310	40	370	135	
109	1105	402	595	545	35	1005	295	50	440	145	
110	1260	410	680	615	35	1160	380	50	440	145	



齿轮箱 尺寸图 KP2..V 111-120

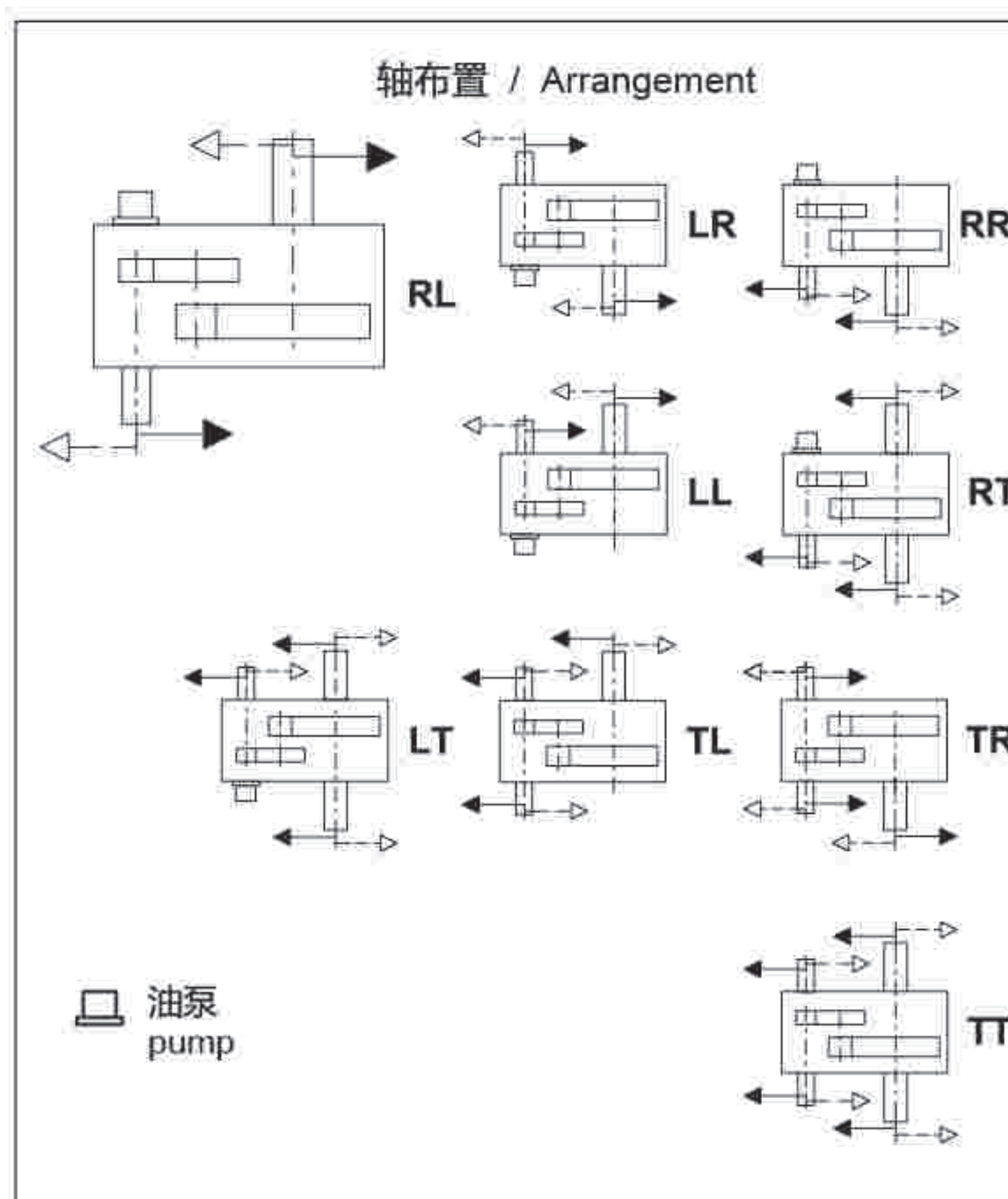
Gear units Dimensions KP2..V 111-120



型号 Size		输入轴 / Input				G_1	轴布置 / Arrangement TL, TR, TT 仅限于 / only for $i_N =$	
		$i_N = 6.3 - 11.2$		$i_N = 12.5 - 20$				
		$i_N = 7.1 - 12.5$		$i_N = 14 - 22.4$				
		$i_N = 8 - 14$		$i_N = 16 - 25$				
		d_1	l_1	d_1	l_1			
111 + 112	100	205	85	170	330	6.3 - 16	8 - 20	
113 + 114	120	210	100	210	365	6.3 - 16	7.1 - 18	
115 + 116	125	245	110	210	420	6.3 - 16	7.1 - 18	
117 + 118	请咨询 / On request							
119 + 120								

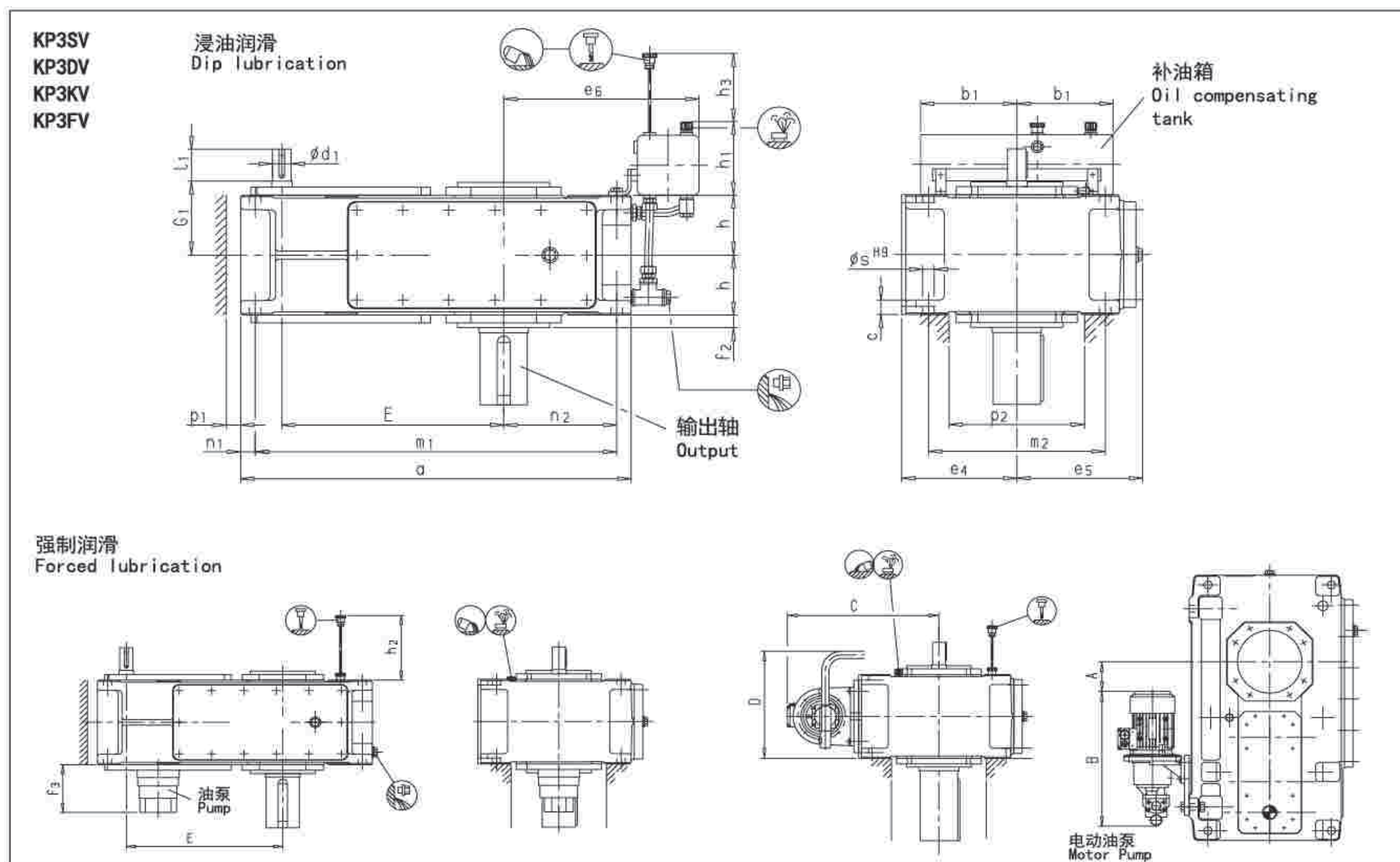
型号 Size	齿轮箱 / Gear units							
	b	c	f_1	h	h_2	m_2	n_1	s
111+112	900	61 ± 2	53	272.5	300	680	50	48
113+114	980	72 ± 2	63	310	340	750	60	55
115+116	1110	81 ± 2	60	340	374	850	70	55
117+118	Auf Anfrage / On request / Sur demande							
119+120								

型号 Size	齿轮箱 / Gear units							
	a	E	f_2	m_1	n_2	p_1	p_2	油泵 / Pump f_3
111	1290	635	35	1195	360	50	500	130
112	1430	705	35	1335	430	50	500	130
113	1550	762	42	1435	430	50	570	130
114	1640	808	42	1525	475	50	570	130
115	1740	860	42	1610	465	70	630	170
116	1860	920	42	1730	525	70	630	170
117	请咨询 / On request							
118								
119								
120								



齿轮箱 尺寸图 KP3..V 103-110

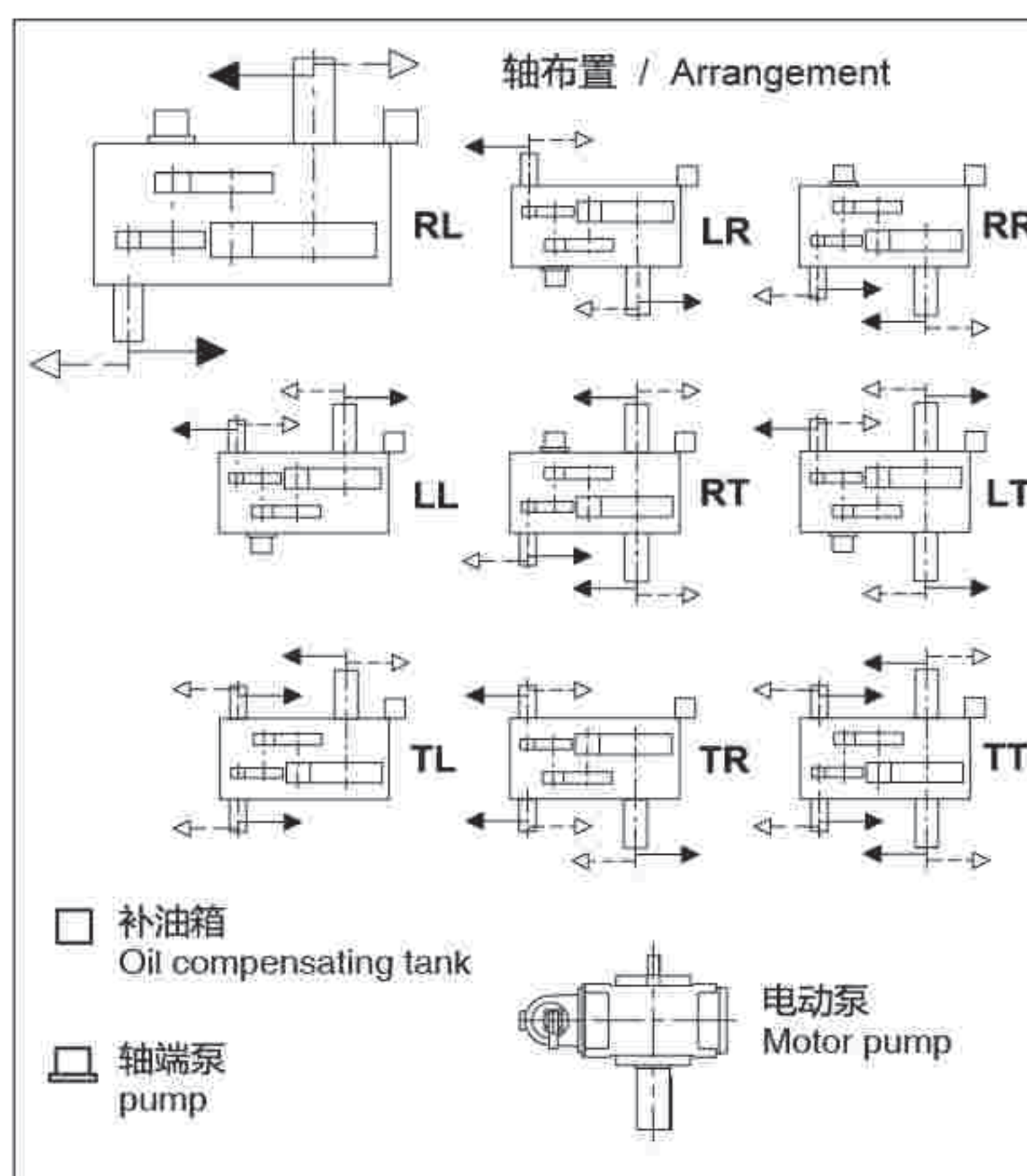
Gear units Dimensions KP3..V 103-110



型号 Size	输入轴 / Input						轴布置 / Arrangement TL, TR, TT 仅限于 / only for $i_N =$		
	$i_N = 25 - 45$		$i_N = 50 - 63$		$i_N = 71 - 90$				
	$i_N = 31.5 - 56$		$i_N = 63 - 80$		$i_N = 90 - 112$				
	d_1	l_1	d_1	l_1	d_1	l_1			
103 + 104	40	70	30	50	24	40	160	25 - 90	31.5 - 112
105 + 106	45	80	35	60	28	50	185	25 - 90	31.5 - 112
107 + 108	60	125	45	100	32	80	230	25 - 90	31.5 - 112
109 + 110	70	120	50	80	42	70	255	25 - 90	31.5 - 112

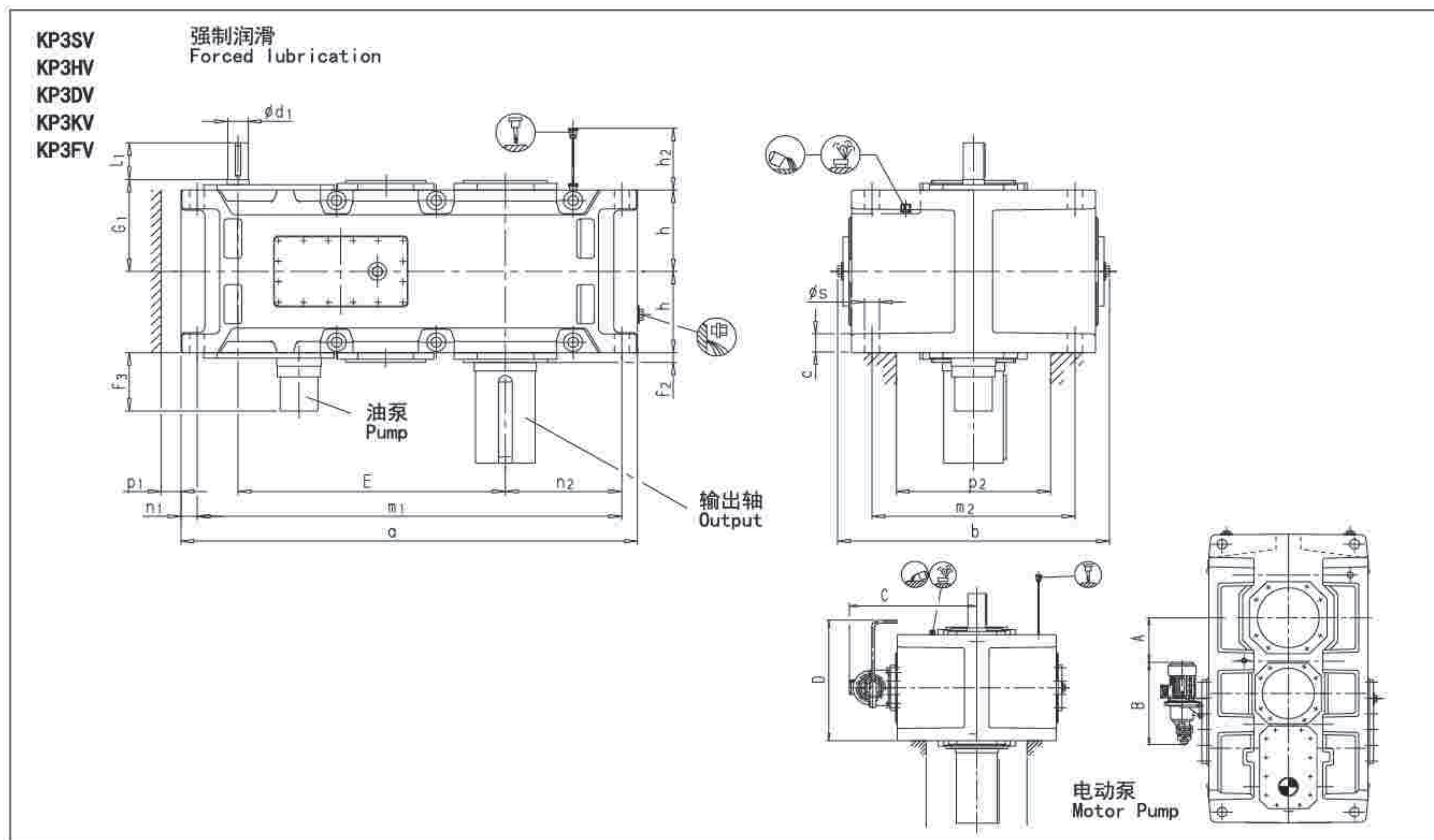
型号 Size	齿轮箱 / Gear units											
	b_1	c	e_4	h	h_1	h_2	h_3	m_2	n_1	p_1	p_2	s
103+104	240	30 ± 1	230	127.5	205	190	240	360	30	35	270	24
105+106	240	36 ± 1	280	150	205	165	250	430	35	35	330	28
107+108	330	45 ± 1.5	320	185	275	205	330	490	40	40	370	36
109+110	330	54 ± 1.5	380	215	275	240	340	600	50	50	440	40

型号 Size	齿轮箱 / Gear units								电动泵 Motor pump			
	a	e_5	e_6	E	f_2	m_1	n_2	油泵 Pump f_3	A	B	C	D
103	690	252	385	405	28	630	175	190	-35	490	480	360
104	770	252	425	440	28	710	220	190	0	490	480	360
105	845	292	425	495	30	775	215	185	60	490	530	420
106	950	302	485	540	32	880	275	185	105	490	530	420
107	1000	342	560	580	32	920	260	170	-5	490	570	480
108	1100	342	610	630	32	1020	310	170	45	490	570	480
109	1200	402	595	705	35	1100	295	170	80	490	630	550
110	1355	410	680	775	35	1255	380	170	150	490	630	550



齿轮箱 尺寸图 KP3..V 111-120

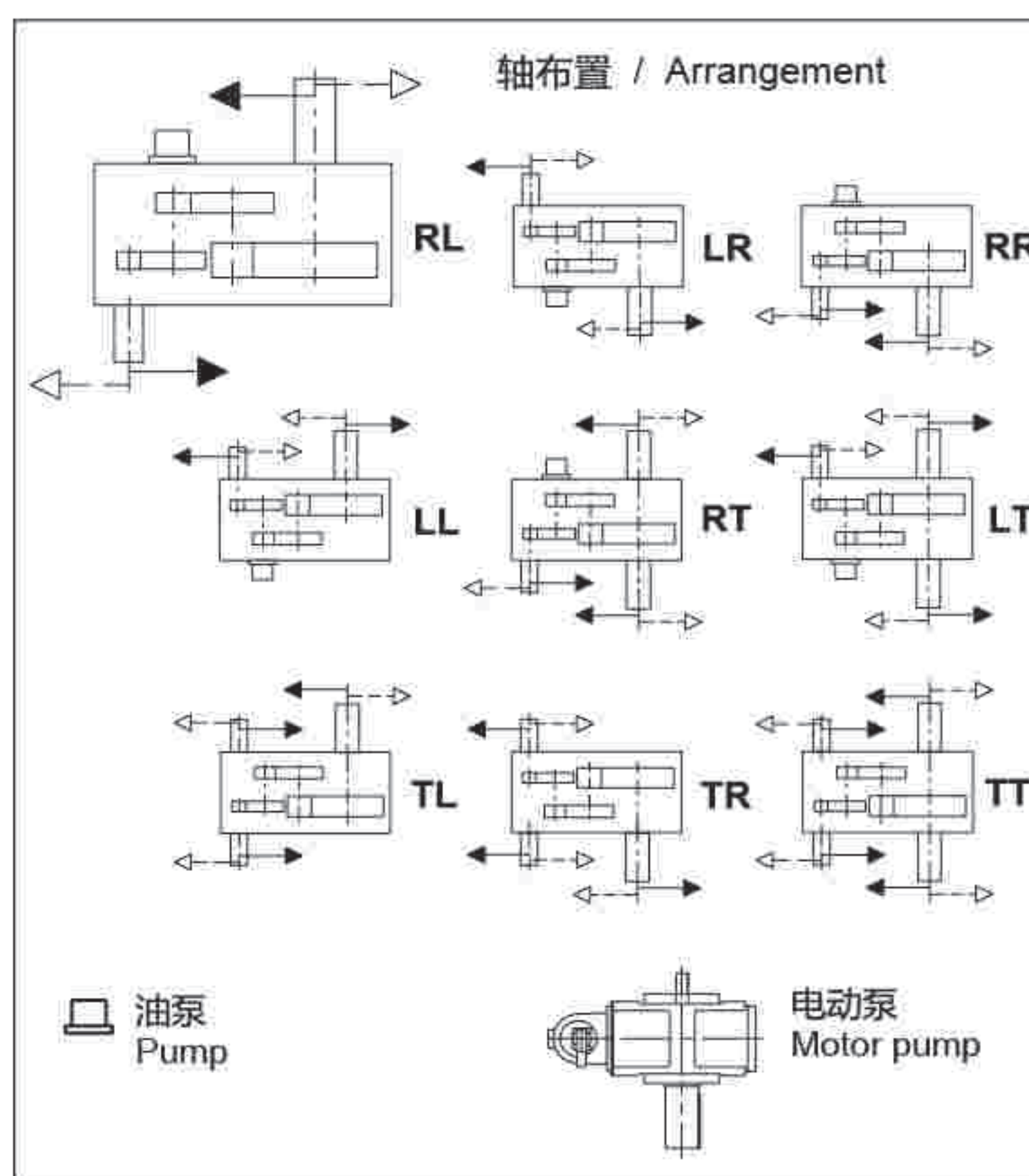
Gear units Dimensions KP3..V 111-120



型号 Size		输入轴 / Input						G ₁	轴布置 / Arrangement TL, TR, TT 仅限于 / only for i _N =	
		i _N = 22.4 - 45		i _N = 50 - 63		i _N = 71 - 90				
		i _N = 25 - 50		i _N = 56 - 71		i _N = 80 - 100				
		i _N = 28 - 56		i _N = 63 - 80		i _N = 90 - 112				
		d ₁	l ₁	d ₁	l ₁	d ₁	l ₁			
111 + 112	85	160	60	135	50	110	310	22.4 - 90	28 - 112	
113 + 114	100	200	75	140	60	140	350	22.4 - 90	25 - 100	
115 + 116	100	200	75	140	60	140	380	22.4 - 90	25 - 100	
117 + 118	请咨询 / On request									
119 + 120										

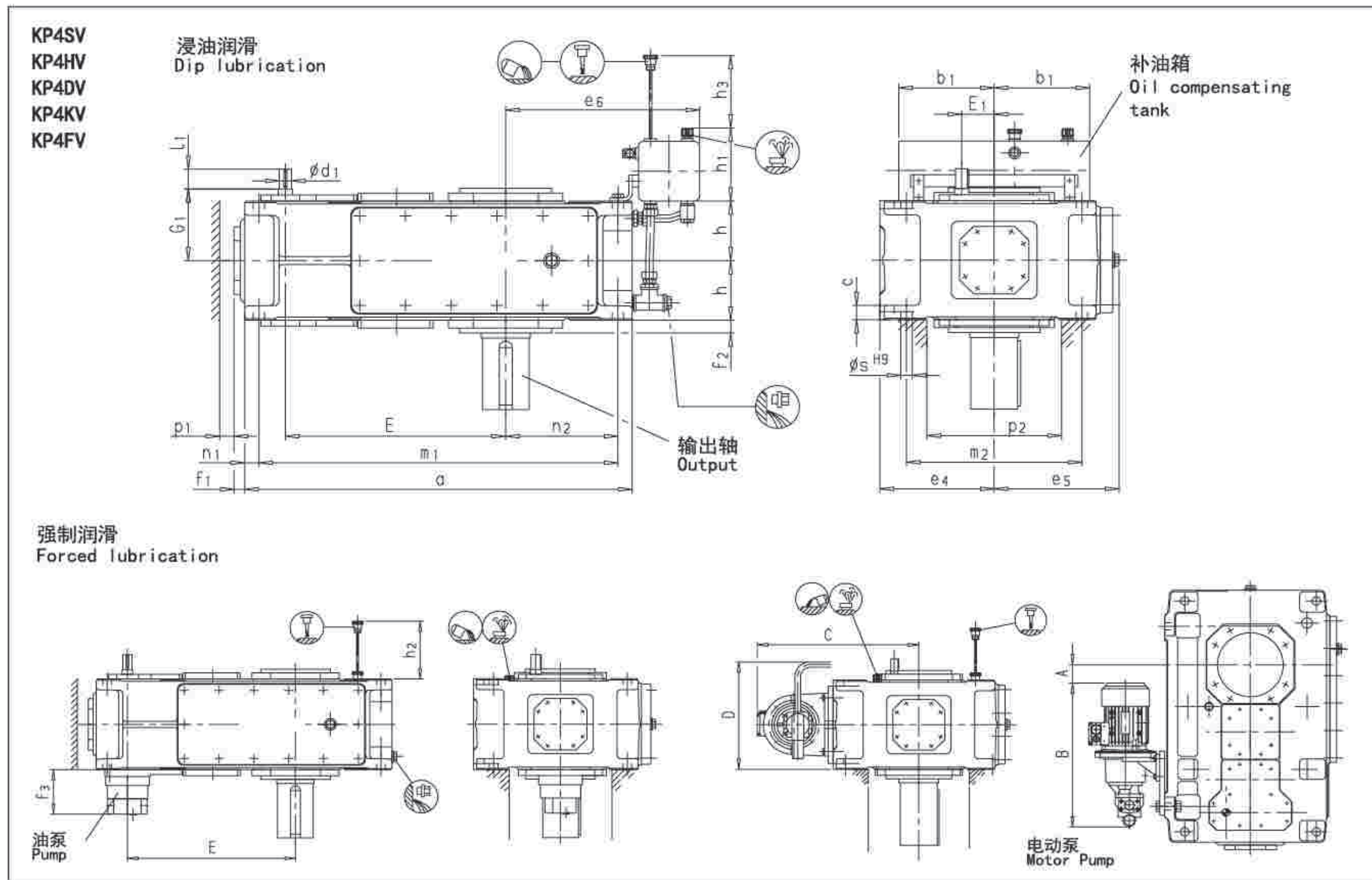
型号 Size	齿轮箱 / Gear units								
	b	c	h	h ₂	m ₂	n ₁	p ₁	p ₂	s
111+112	900	61 ± 2	272.5	300	680	50	50	500	48
113+114	980	72 ± 2	310	340	750	60	50	570	55
115+116	1110	81 ± 2	340	374	850	70	70	630	55
117+118	请咨询 / On request								
119+120									

型号 Size	齿轮箱 / Gear units									
	a	E	f ₂	m ₁	n ₂	油泵 Pump f ₃	电动泵 Motor pump			
							A	B	C	D
111	1395	820	35	1300	360	170	115	580	685	700
112	1535	890	35	1440	430	170	185	580	685	700
113	1680	987	42	1565	430	170	260	580	730	780
114	1770	1033	42	1655	475	170	305	580	730	780
115	1770	1035	42	1640	465	210	235	580	790	840
116	1890	1095	42	1760	525	210	295	580	790	840
117+118	请咨询 / On request									
119+120										



齿轮箱 尺寸图 KP4..V 105-110

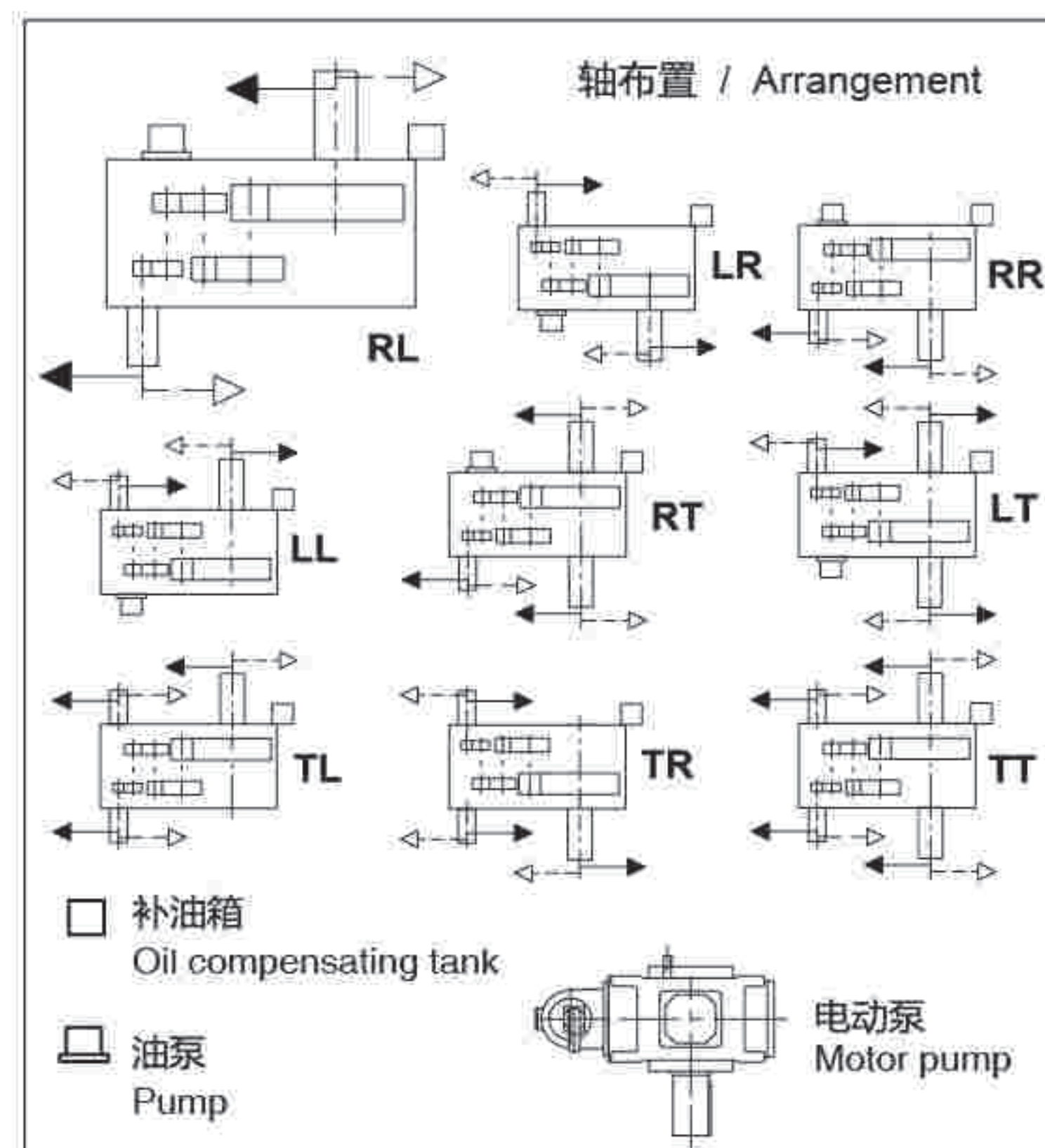
Gear units Dimensions KP4..V 105-110



型号 Size	输入轴 / Input					轴布置 / Arrangement TL, TR, TT 仅限于 / only for $i_N =$	
	$i_N = 100 - 180$		$i_N = 200 - 355$		G_1		
	$i_N = 125 - 224$		$i_N = 250 - 450$				
	d_1	l_1	d_1	l_1			
105 + 106	30	50	24	40	180	100 - 224	125 - 280
107 + 108	35	60	28	50	215	100 - 250	125 - 315
109 + 110	45	100	32	80	250	100 - 250	125 - 315

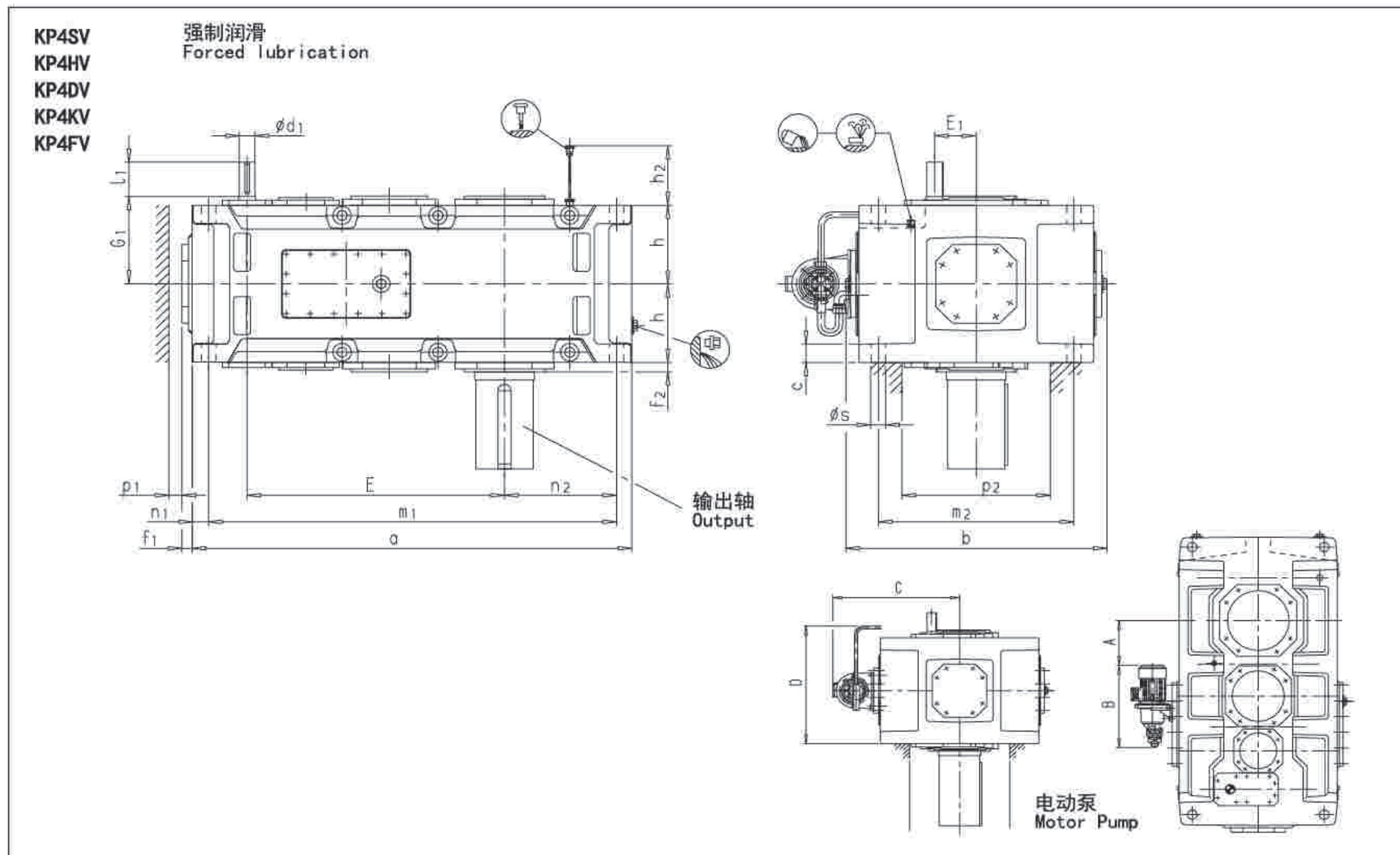
型号 Size	齿轮箱 / Gear units													
	b ₁	c	e ₄	E ₁	f ₁	h	h ₁	h ₂	h ₃	m ₂	n ₁	p ₁	p ₂	s
105+106	240	36±1	280	80	37	150	205	165	250	430	35	35	330	28
107+108	330	45±1.5	320	90	43	185	275	205	330	490	40	40	370	36
109+110	330	54±1.5	380	110	47	215	275	240	340	600	50	50	440	40

型号 Size	齿轮箱 / Gear units												
	a	e_5	e_6	E	f_2	m_1	n_2	油泵 Pump f_3	电动泵 Motor pump				
									A	B	C	D	
105	845	292	425	495	30	775	215	160	10	580	540	410	
106	950	302	485	540	32	880	275	160	55	580	540	410	
107	1000	342	560	580	32	920	260	170	-55	580	580	480	
108	1100	342	610	630	32	1020	310	170	-5	580	580	480	
109	1200	402	595	705	35	1100	295	170	30	580	640	550	
110	1355	410	680	775	35	1255	380	170	100	580	640	550	



齿轮箱 尺寸图 KP4..V 111-120

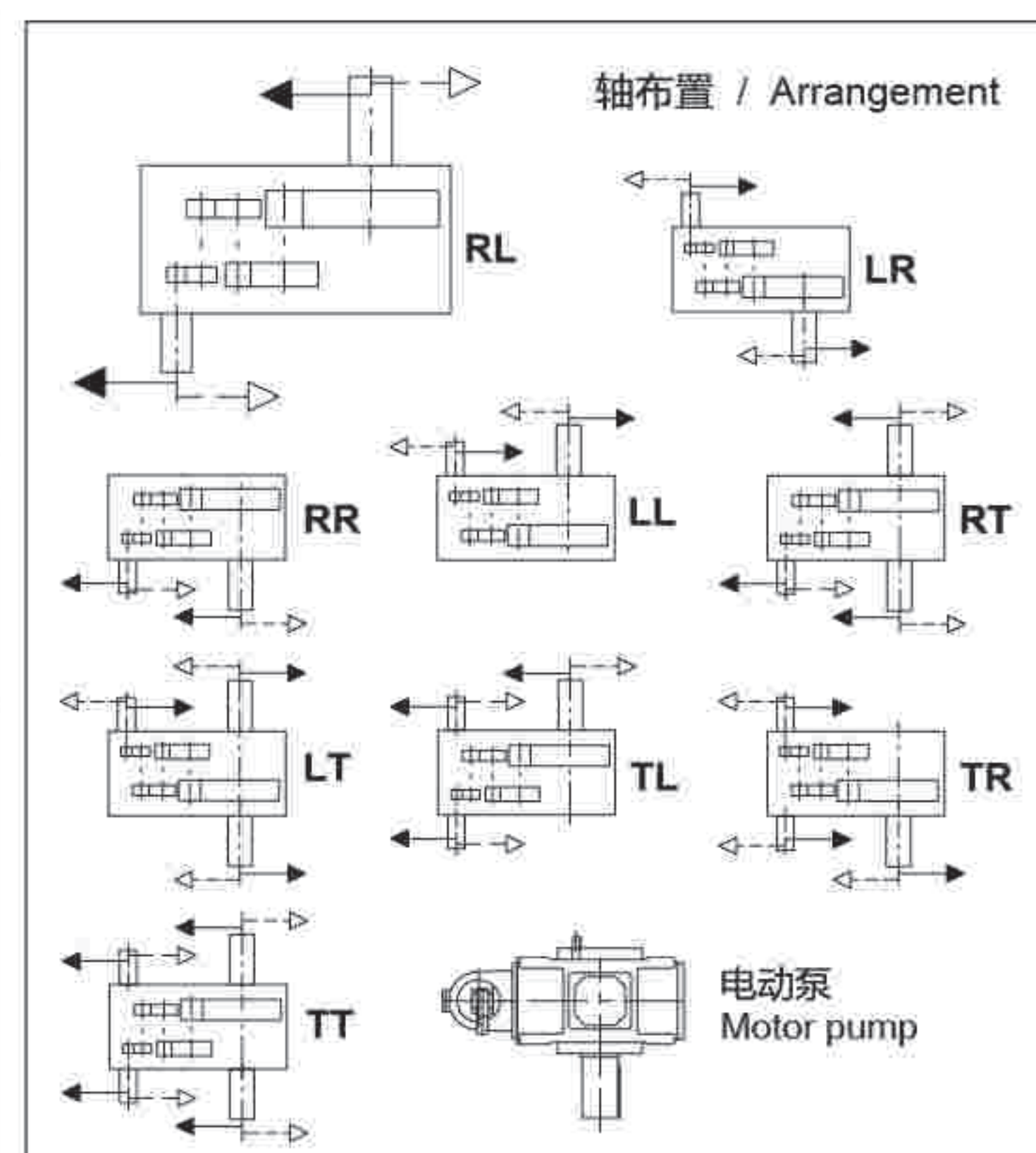
Gear units Dimensions KP4..V 111-120



型号 Size	输入轴 / Input					轴布置 / Arrangement TL, TR, TT 仅限于 / only for $i_N =$	
	$i_N = 100 - 180$		$i_N = 200 - 355$				
	$i_N = 112 - 200$		$i_N = 224 - 400$				
	$i_N = 125 - 224$		$i_N = 250 - 450$				
	d_1	l_1	d_1	l_1	G_1		
111 + 112	50	100	38	80	305	100 - 250	125 - 315
113 + 114	60	135	50	110	345	100 - 250	112 - 280
115 + 116	60	105	50	80	380	—	—
117 + 118	请咨询 / On request						
119 + 120							

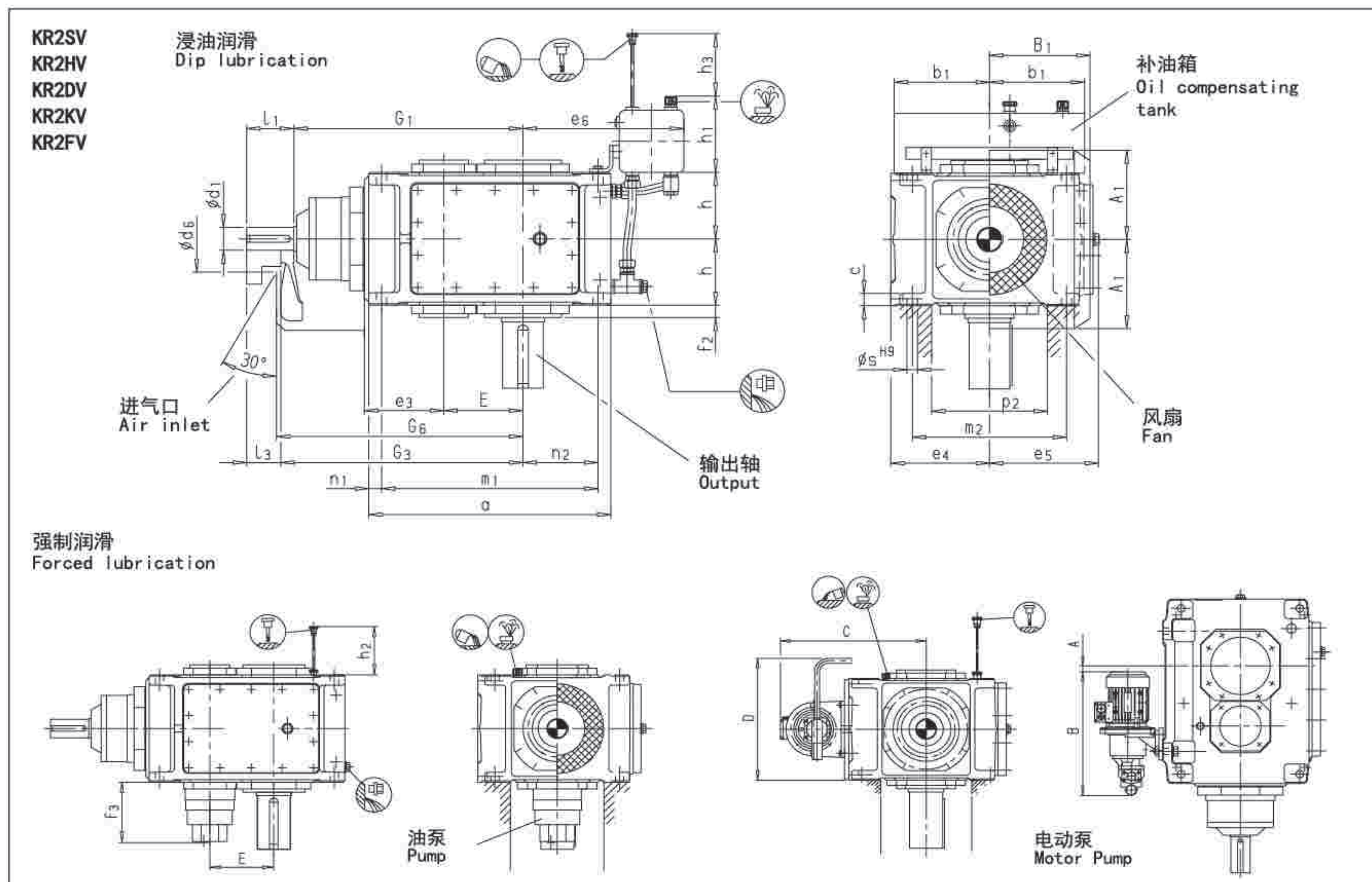
型号 Size	齿轮箱 / Gear units									
	<i>b</i>	<i>c</i>	<i>E</i> ₁	<i>h</i>	<i>h</i> ₂	<i>m</i> ₂	<i>n</i> ₁	<i>p</i> ₁	<i>p</i> ₂	<i>s</i>
111+112	900	61±2	130	272.5	300	680	50	50	500	48
113+114	980	72±2	160	310	340	750	60	60	570	55
115+116	1110	81±2	160	340	374	850	70	70	630	55
117+118	请咨询 / On request									
119+120										

型号 Size	齿轮箱 / Gear units									
	<i>a</i>	<i>E</i>	<i>f</i> ₁	<i>f</i> ₂	<i>m</i> ₁	<i>n</i> ₂	电动泵 Motor pump			
							<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>
111	1395	820	47	35	1300	360	70	580	690	705
112	1535	890	47	35	1440	430	140	580	690	705
113	1680	987	56	42	1565	430	210	580	730	780
114	1770	1033	56	42	1655	475	260	580	730	780
115	1770	1035	53	42	1640	465	190	580	790	840
116	1890	1095	53	42	1760	525	250	580	790	840
117+118	请咨询 / On request									
119+120										



齿轮箱 尺寸图 KR2..V 103-110

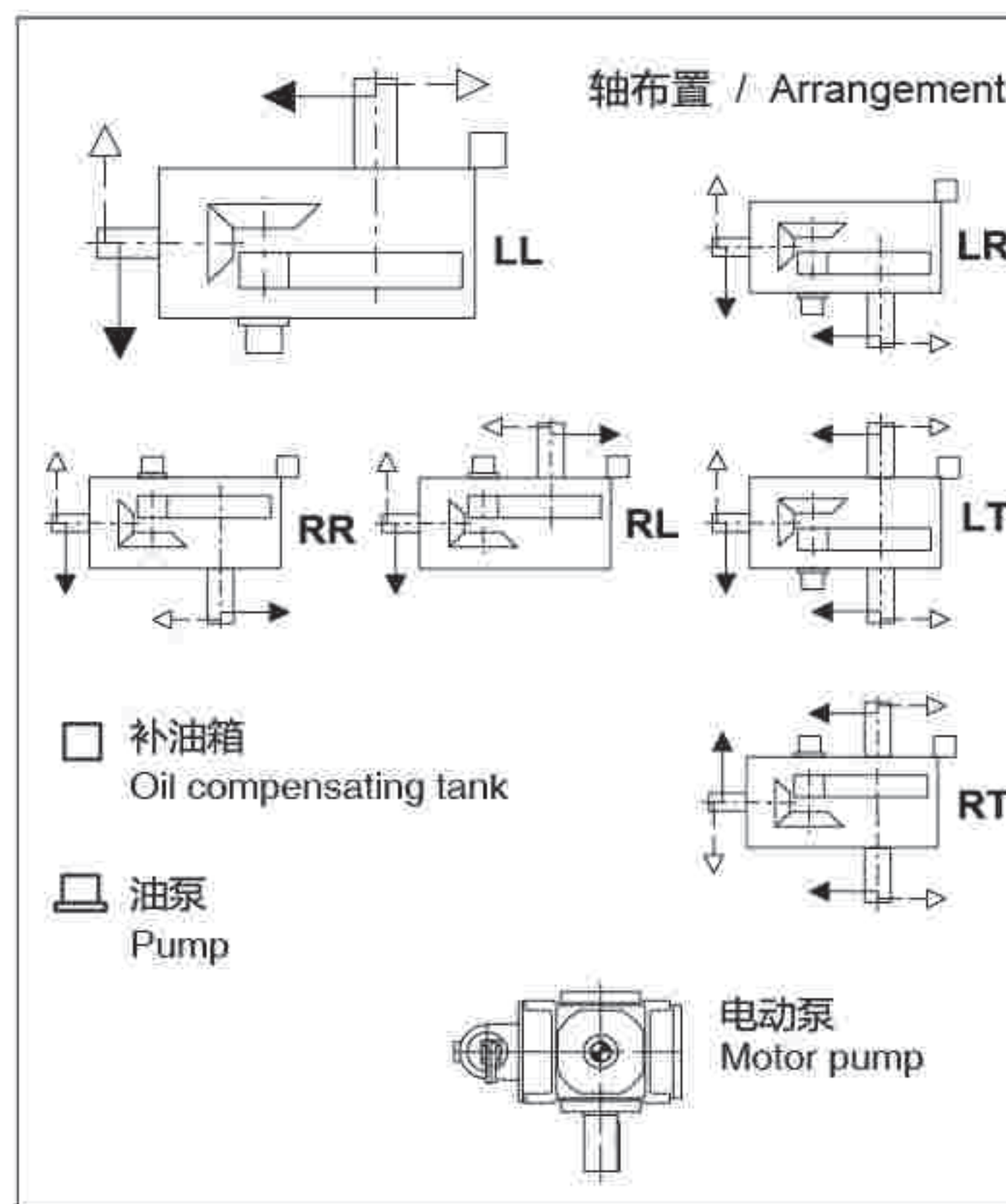
Gear units Dimensions KR2..V 103-110



型号 Size	输入轴 / Input							风扇 / Fan		
	$i_N = 5 - 11.2$ $i_N = 6.3 - 14$			G_1	G_3	G_1	G_3	A_1	B_1	d_6
	d_1	l_1	l_3							
102	45	100	80	465	485	-	-	188	200	150
103 + 104	55	110	80	535	565	570	600	215	235	160
105 + 106	70	135	105	640	670	685	715	250	285	210
107 + 108	80	165	130	755	790	805	840	270	325	195
109 + 110	90	165	130	925	960	995	1030	328	385	210

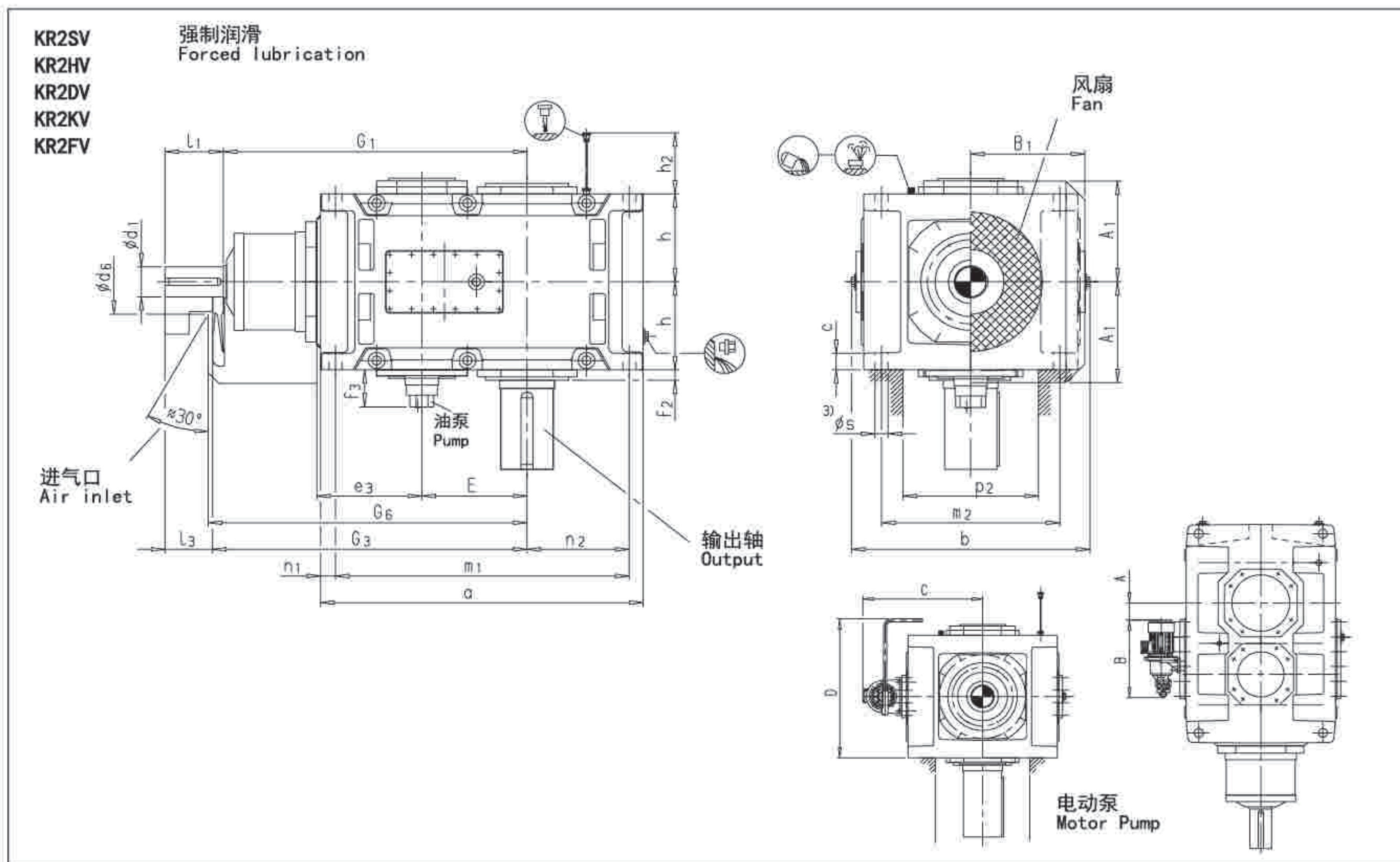
型号 Size	齿轮箱 / Gear units												
	b_1	c	e_3	e_4	e_5	f_2	h	h_1	h_2	h_3	m_2	n_1	s
102	150	30 ± 1	100	200	215	26	135	165	-	180	300	30	24
103+104	240	30 ± 1	185	230	252	30	160	205	245	240	360	30	24
105+106	240	36 ± 1	225	280	302	32	190	205	220	250	430	35	28
107+108	330	45 ± 1.5	265	320	342	45	220	275	250	330	490	40	36
109+110	330	54 ± 1.5	320	380	410	47	265	275	300	340	600	50	40

型号 Size	齿轮箱 / Gear units											
	a	e ₆	E	G ₆	m ₁	n ₂	p ₂	油泵 Pump f ₃	电动泵 Motor pump			
									A	B	C	D
102	505	320	160	495	445	160	220	-	-	-	-	-
103	565	385	185	575	505	175	270	190	-130	490	480	420
104	645	425	220	610	585	220	270	190	-90	490	480	420
105	690	425	225	685	620	215	330	200	0	490	530	470
106	795	485	270	730	725	275	330	200	45	490	530	470
107	820	560	265	805	740	260	370	200	5	490	570	530
108	920	610	315	855	840	310	370	200	55	490	570	530
109	975	595	320	980	875	295	440	200	145	489	630	630
110	1130	680	390	1050	1030	380	440	200	215	490	630	630



齿轮箱 尺寸图 KR2..V 111-116

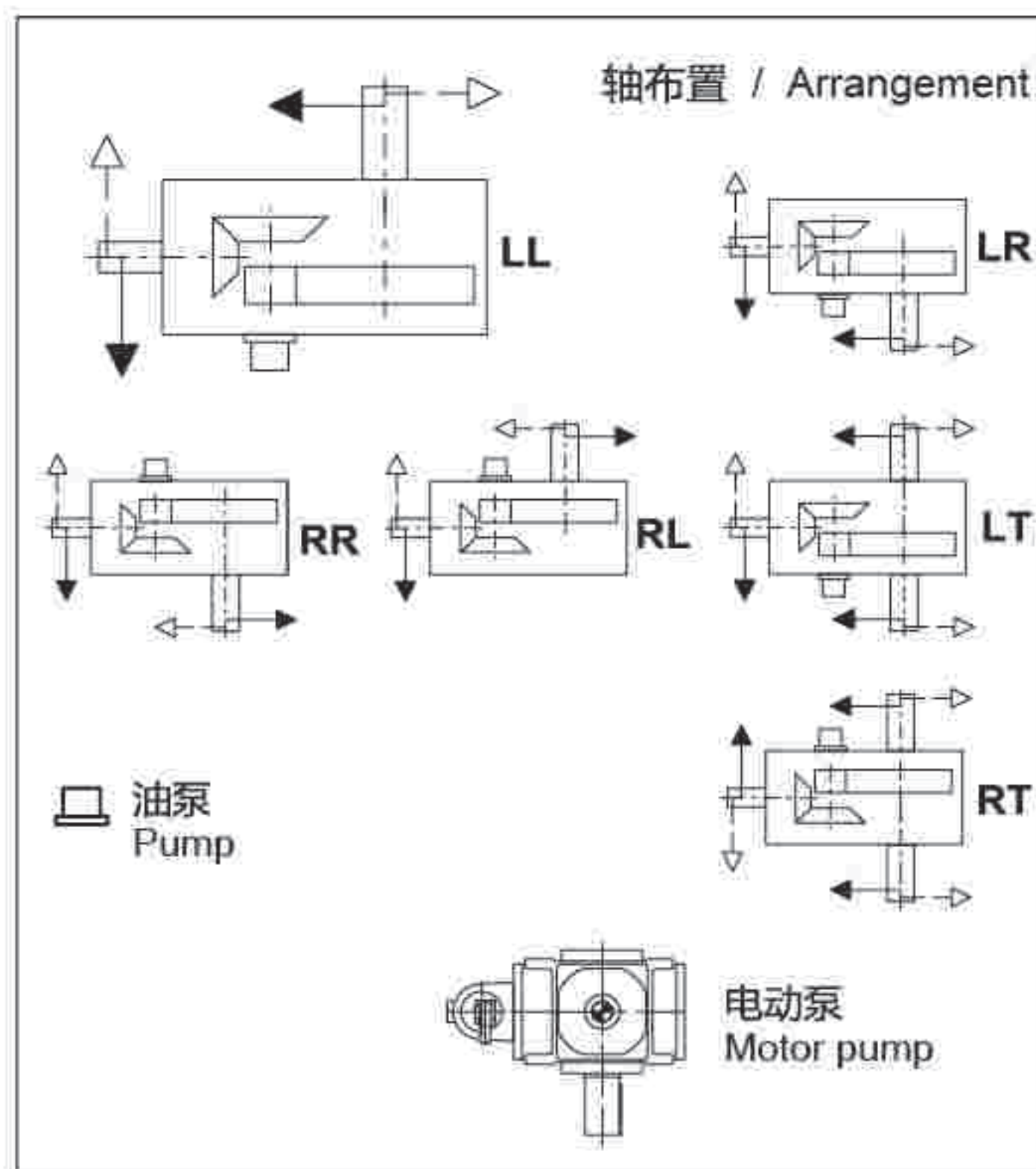
Gear units Dimensions KR2..V 111-116



型号 Size	输入轴 / Input										风扇 / Fan		
	$i_N = 5 - 11.2$			$i_N = 5.6 - 11.2$			G_1	G_3	G_1	G_3			
	$i_N = 6.3 - 14$			$i_N = 5.6 - 12.5$									
	d_1	l_1	l_3	d_1	l_1	l_3					A_1	B_1	d_6
111 + 112	110	205	165				1070	1110	1140	1180	375	450	245
113	130	245	200				1277	1322			435	495	280
114				130	245	200			1323	1368	435	495	280
115				150	245	200	1435	1480			505	555	380
116	150	245	200				1495	1540			505	555	380

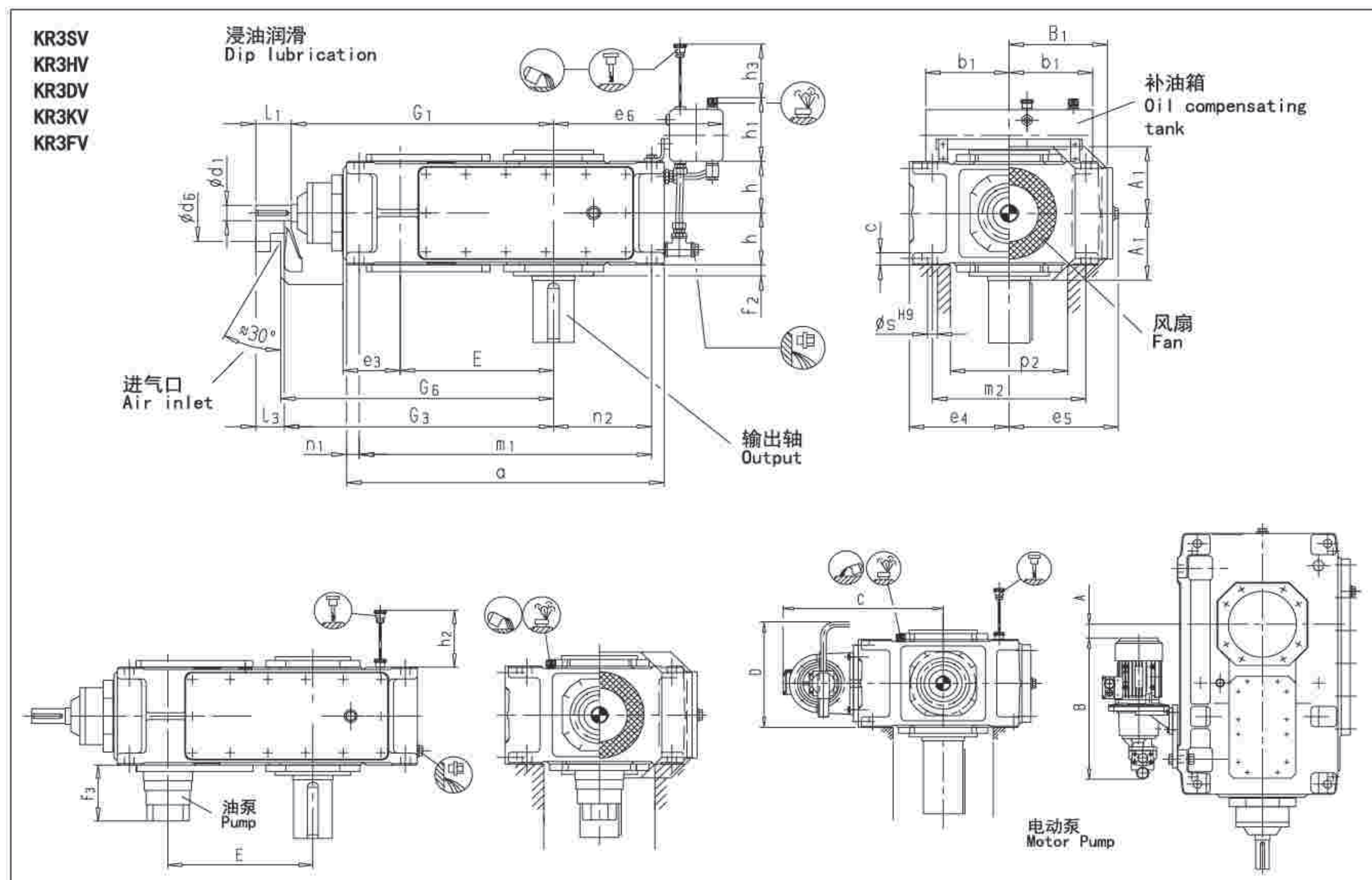
型号 Size	齿轮箱 / Gear units								
	b	c	e_3	h	h_2	m_2	n_1	p_2	s
111+112	900	61 ± 2	380	325	350	680	50	500	48
113+114	980	72 ± 2	450	380	430	750	60	570	55
115+116	1110	81 ± 2	510	437.5	480	840	70	630	65

型号 Size	齿轮箱 / Gear units										
	a	E	f_2	G_6	m_1	n_2	油泵 Pump f_3	电动泵 Motor pump			
								A	B	C	D
111	1130	370	38	1130	1035	360	200	-110	490	680	810
112	1270	440	45	1200	1175	430	200	-40	490	680	810
113	1350	442	75	1340	1235	430	200	0	490	730	920
114	1440	488	75	1385	1325	475	200	45	490	730	920
115	1490	490	98	1500	1360	465	200	-20	490	780	1030
116	1610	550	98	1560	1480	525	200	40	490	780	1030



齿轮箱 尺寸图 KR3..V 102-110

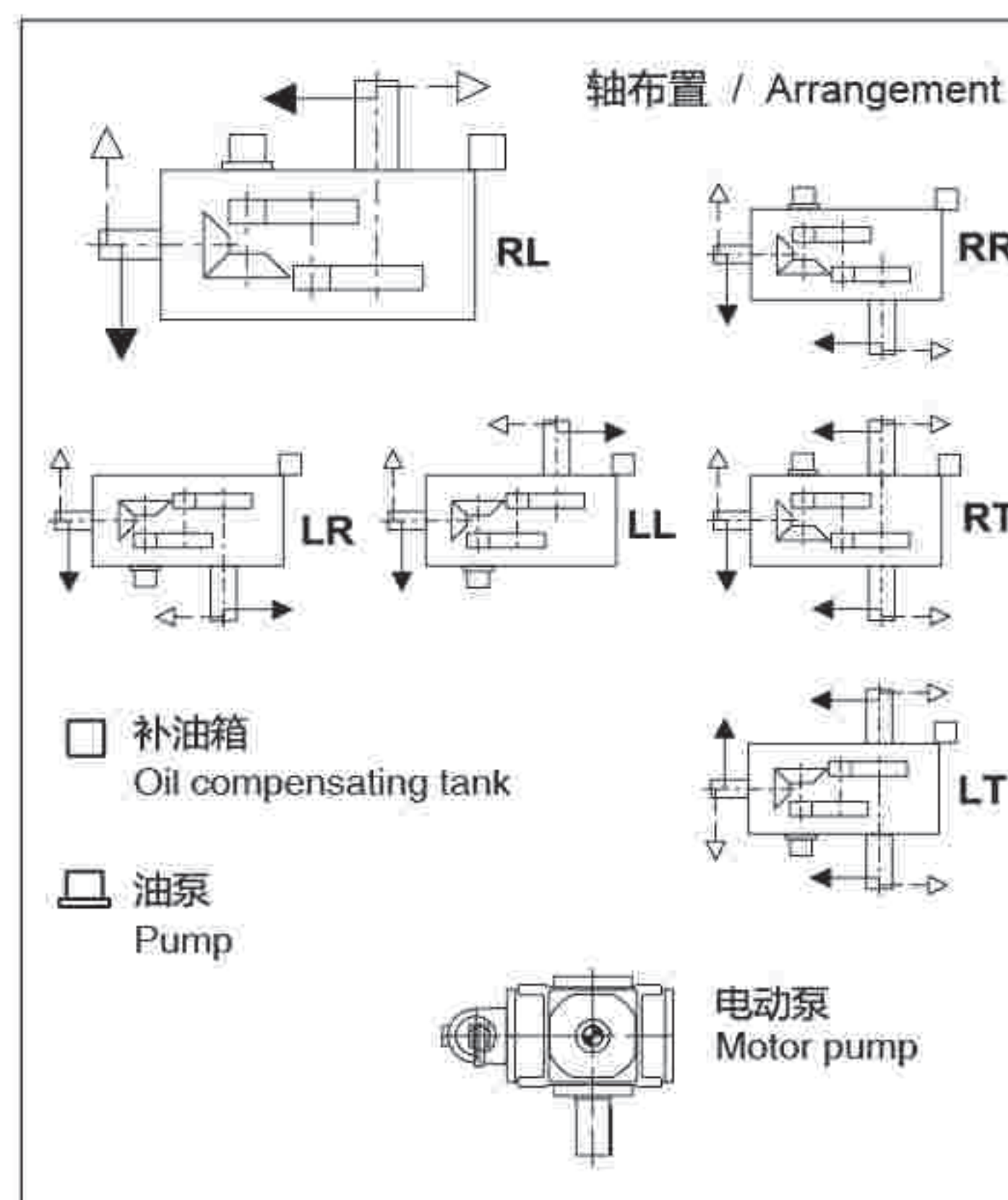
Gear units Dimensions KR3..V 102-110



型号 Size	输入轴 / Input										风扇 / Fan			
	$i_N = 12.5 - 45$			$i_N = 50 - 71$										
	$i_N = 16 - 56$			$i_N = 63 - 90$				G_1	G_3	G_1	G_3	A_1	B_1	d_6
	d_1	l_1	l_3	d_1	l_1	l_3								
102	30	70	50	25	60	40	500	520	-	-	143	200	110	
103 + 104	35	80	60	28	60	40	575	595	610	630	168	235	130	
105 + 106	45	100	80	35	80	60	690	710	735	755	193	275	165	
107 + 108	55	110	80	40	100	70	800	830	850	880	231	325	175	
109 + 110	70	135	105	50	110	80	960	990	1030	1060	263	385	190	

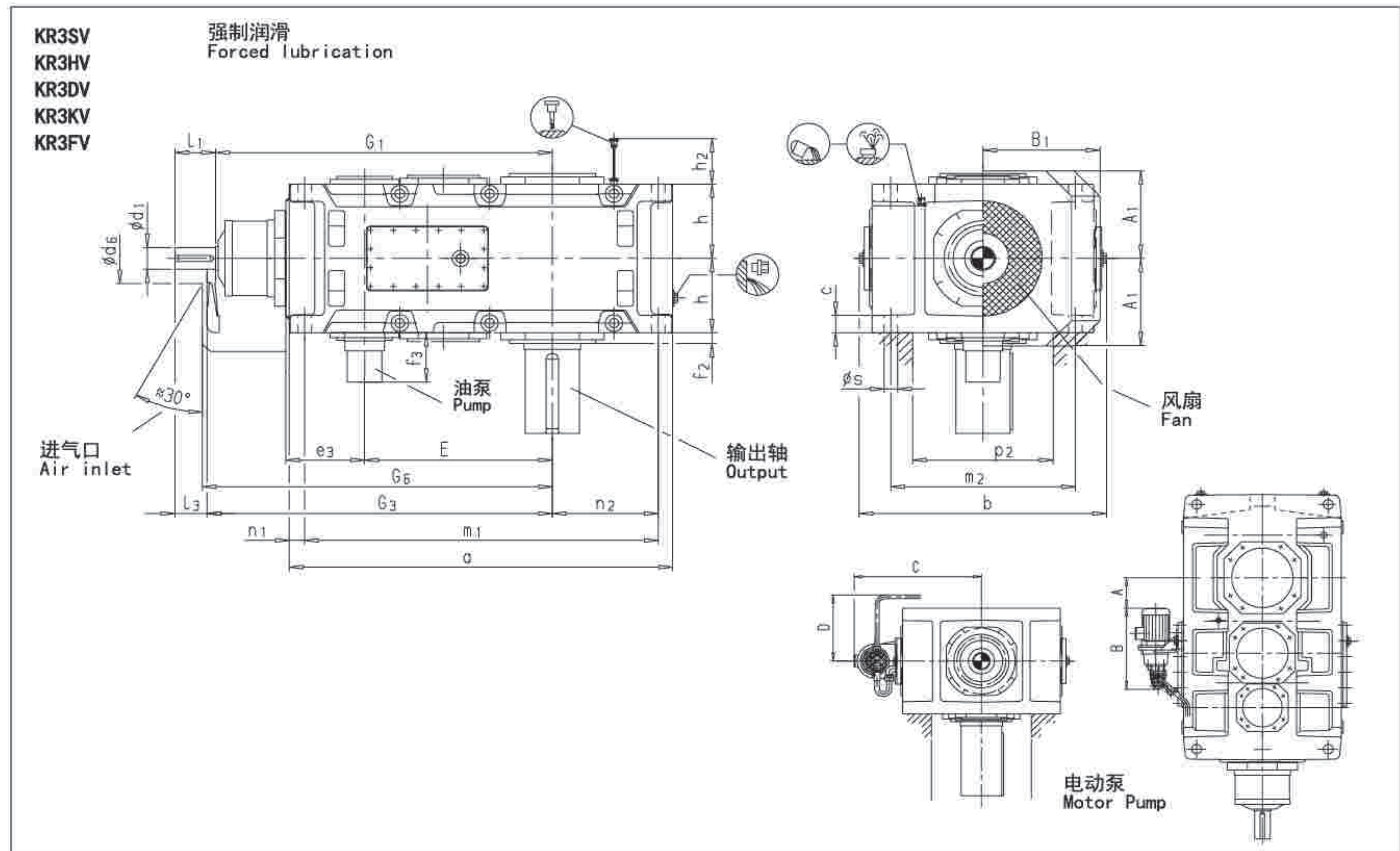
型号 Size	齿轮箱 / Gear units											
	b_1	c	e_3	e_4	h	h_1	h_2	h_3	m_2	n_1	p_2	s
102	150	30 ± 1	110	200	107.5	165	-	180	300	30	220	24
103+104	240	30 ± 1	130	230	127.5	205	180	240	360	30	270	24
105+106	240	36 ± 1	160	280	150	205	165	250	430	35	330	28
107+108	330	45 ± 1.5	185	320	185	275	205	330	490	40	370	36
109+110	330	54 ± 1.5	225	380	215	275	240	340	600	50	440	40

型号 Size	齿轮箱 / Gear units									电动泵 Motor pump			
	a	e ₅	e ₆	E	f ₂	G ₆	m ₁	n ₂	油泵 Pump f ₃	A	B	C	D
102	565	215	320	270	22	530	505	160	-	-	-	-	-
103	640	252	385	315	28	605	580	175	190	-85	490	480	390
104	720	252	425	350	28	640	660	220	190	-50	490	480	390
105	785	292	425	385	30	720	715	215	190	0	490	530	420
106	890	302	485	430	32	765	820	275	190	45	490	530	420
107	925	342	560	450	32	845	845	260	180	-80	490	570	490
108	1025	342	610	500	32	895	945	310	180	-30	490	570	490
109	1105	402	595	545	35	1010	1005	295	180	-15	490	630	570
110	1260	410	680	615	35	1080	1160	380	180	55	490	630	570



齿轮箱 尺寸图 KR3..V 111-120

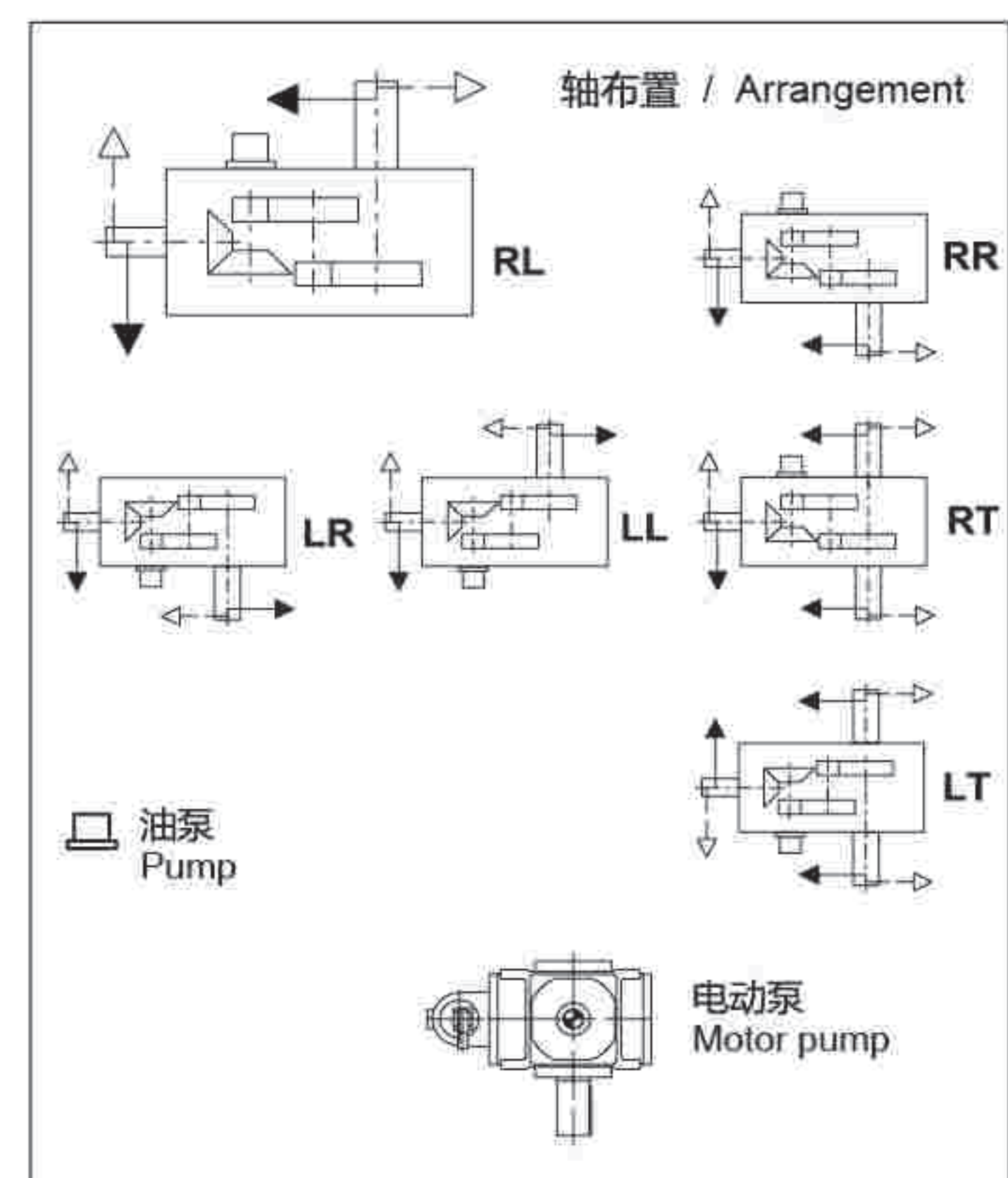
Gear units Dimensions KR3..V 111-120



型号 Size	输入轴 / Input										风扇 / Fan		
	$i_N = 12.5 - 45$			$i_N = 50 - 71$									
	$i_N = 14 - 50$			$i_N = 56 - 80$									
	$i_N = 16 - 56$			$i_N = 63 - 90$									
	d_1	l_1	l_3	d_1	l_1	l_3	G_1	G_3	G_1	G_3	A_1	B_1	d_6
111 + 112	80	165	130	60	140	105	1125	1160	1195	1230	325	475	210
113 + 114	90	165	130	70	140	105	1367	1402	1413	1448	365	520	210
115 + 116	110	205	165	80	170	130	1560	1600	1620	1660	395	570	230
117 + 118	请咨询 / On request												
119 + 120													

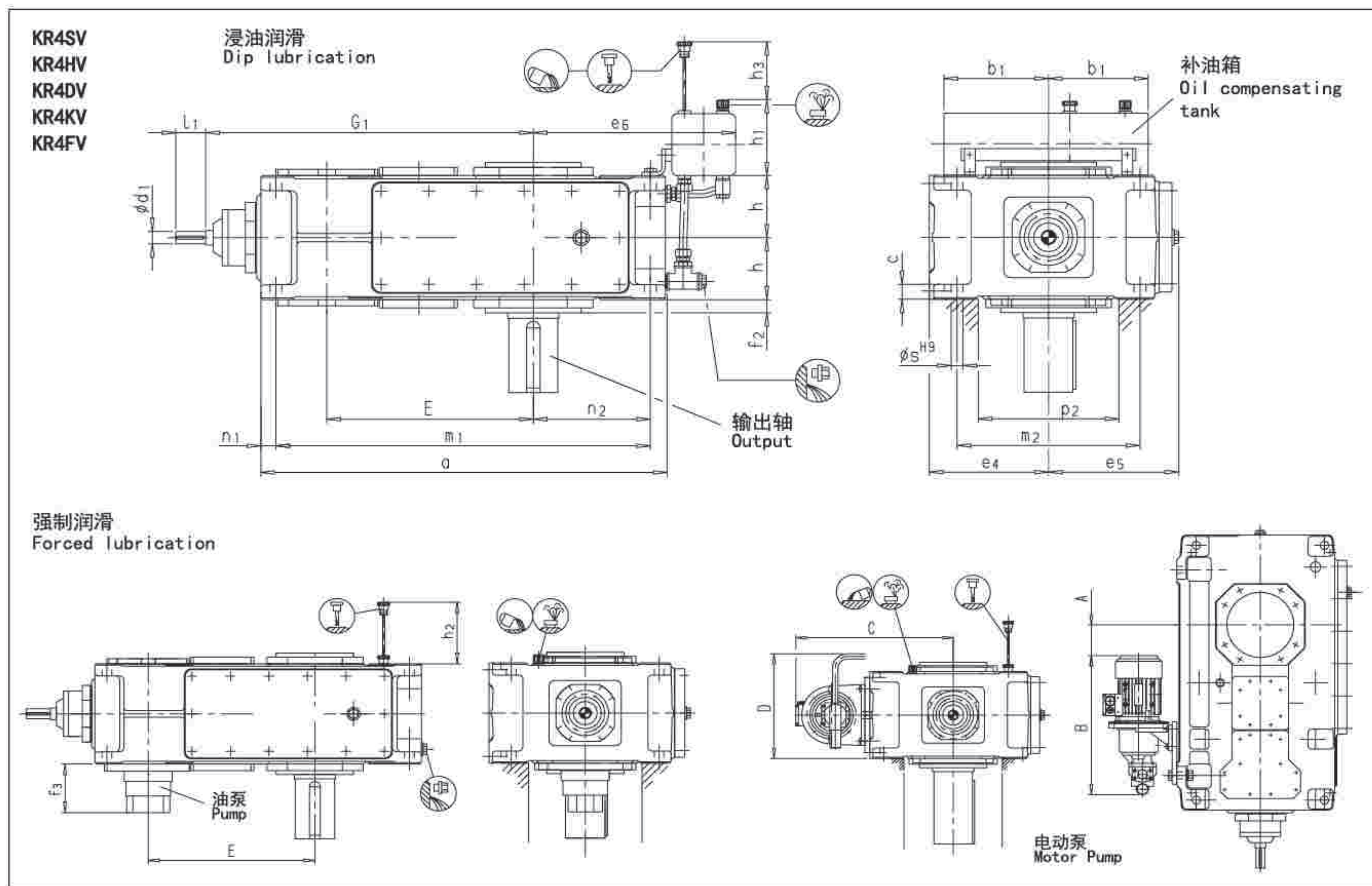
型号 Size	齿轮箱 / Gear units									
	b	c	e_3	f_2	h	h_2	m_2	n_1	p_2	s
111+112	900	61 ± 2	265	35	272.5	300	680	50	500	48
113+114	980	72 ± 2	320	42	310	340	750	60	570	55
115+116	1110	81 ± 2	370	42	340	380	850	70	630	55
117+118	请咨询 / On request									
119+120										

型号 Size	齿轮箱 / Gear units									
	a	E	G_6	m_1	n_2	油泵 Pump f_3	电动泵 Motor pump			
							A	B	C	D
111	1290	635	1180	1195	360	170	5	580	690	760
112	1430	705	1250	1335	430	170	75	580	690	760
113	1550	762	1420	1435	430	170	110	580	730	850
114	1640	808	1470	1525	475	170	160	580	730	850
115	1740	860	1620	1610	465	170	160	580	790	930
116	1860	920	1680	1730	525	170	220	580	790	930
117+118	请咨询 / On request									
119+120										



齿轮箱 尺寸图 KR4..V 103-110

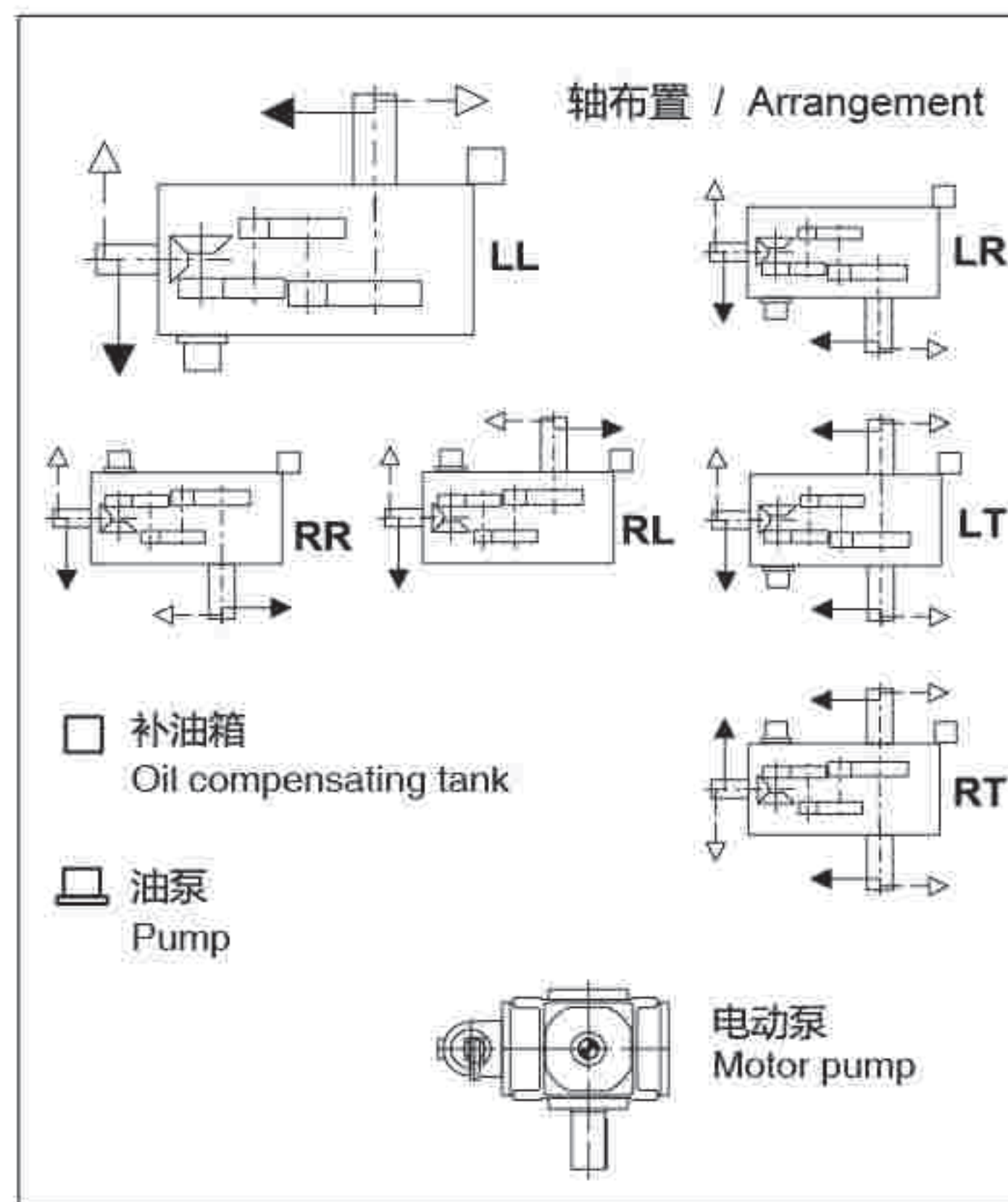
Gear units Dimensions KR4..V 103-110



型号 Size	输入轴 / Input					
	$i_N = 80 - 180$		$i_N = 200 - 315$		G_1	G_1
	d_1	l_1	d_1	l_1		
103 + 104	28	55	20	50	615	650
105 + 106	30	70	25	60	725	770
107 + 108	35	80	28	60	840	890
109 + 110	45	100	35	80	1010	1080

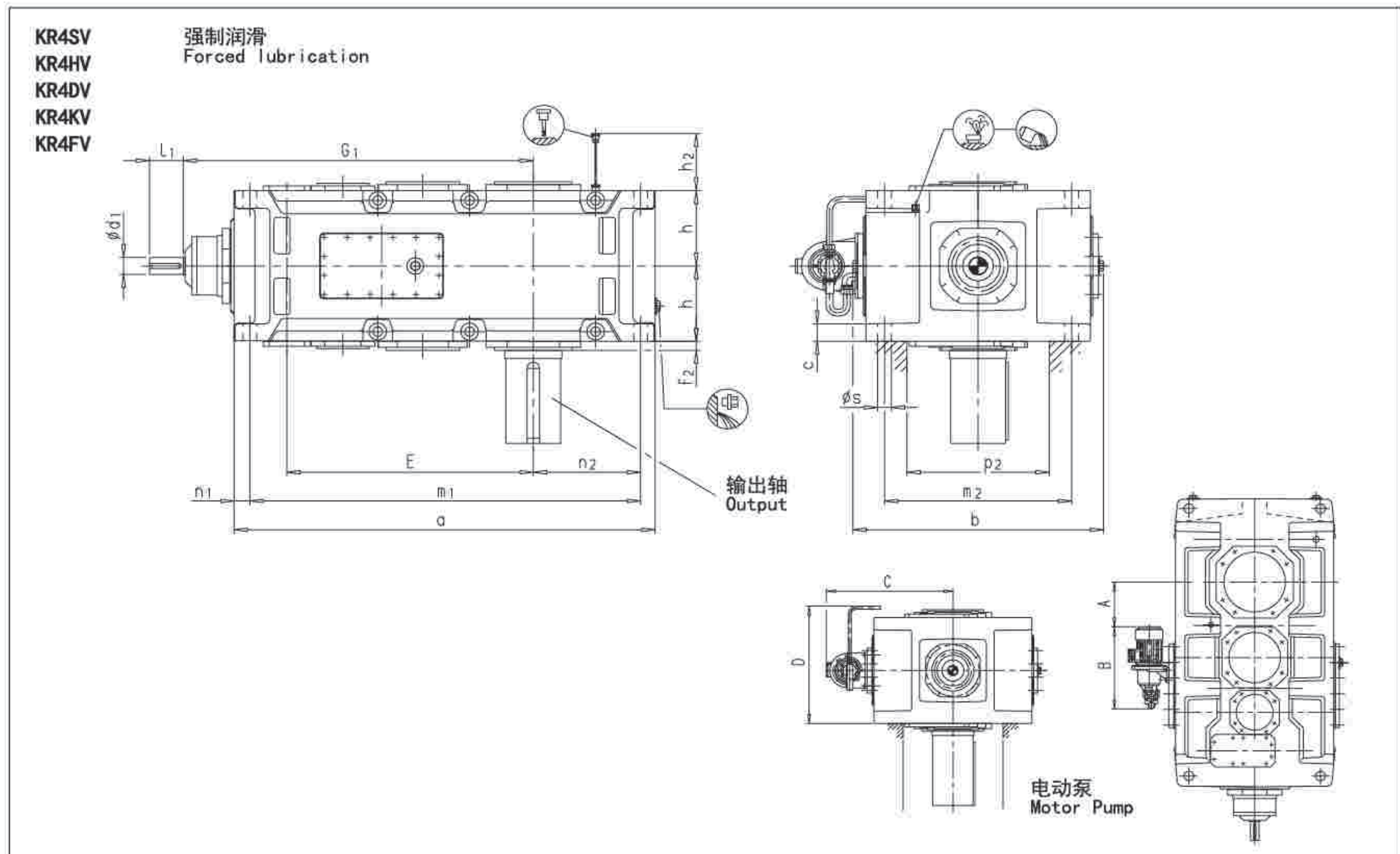
型号 Size	齿轮箱 / Gear units										
	b_1	c_1	e_4	h	h_1	h_2	h_3	m_2	n_1	p_2	s
103+104	240	30 ± 1	230	127.5	205	190	240	360	30	270	24
105+106	240	36 ± 1	280	150	205	165	250	430	35	330	28
107+108	330	45 ± 1.5	320	185	275	205	330	490	40	370	36
109+110	330	54 ± 1.5	380	215	275	240	340	600	50	440	40

型号 Size	齿轮箱 / Gear units								电动泵 Motor pump			
	a	e ₅	e ₆	E	f ₂	m ₁	n ₂	油泵 Pump f ₃	A	B	C	D
103	690	252	385	405	28	630	175	200	-35	490	480	360
104	770	252	425	440	28	710	220	200	0	490	480	360
105	845	292	425	495	30	775	215	120	60	490	530	420
106	950	302	485	540	32	880	275	120	105	490	530	420
107	1000	342	560	580	32	920	260	120	-5	490	570	480
108	1100	342	610	630	32	1020	310	120	45	490	570	480
109	1200	402	595	705	35	1100	295	130	80	490	630	550
110	1355	410	680	775	35	1255	380	130	150	490	630	550



齿轮箱 尺寸图 KR4..V 111-120

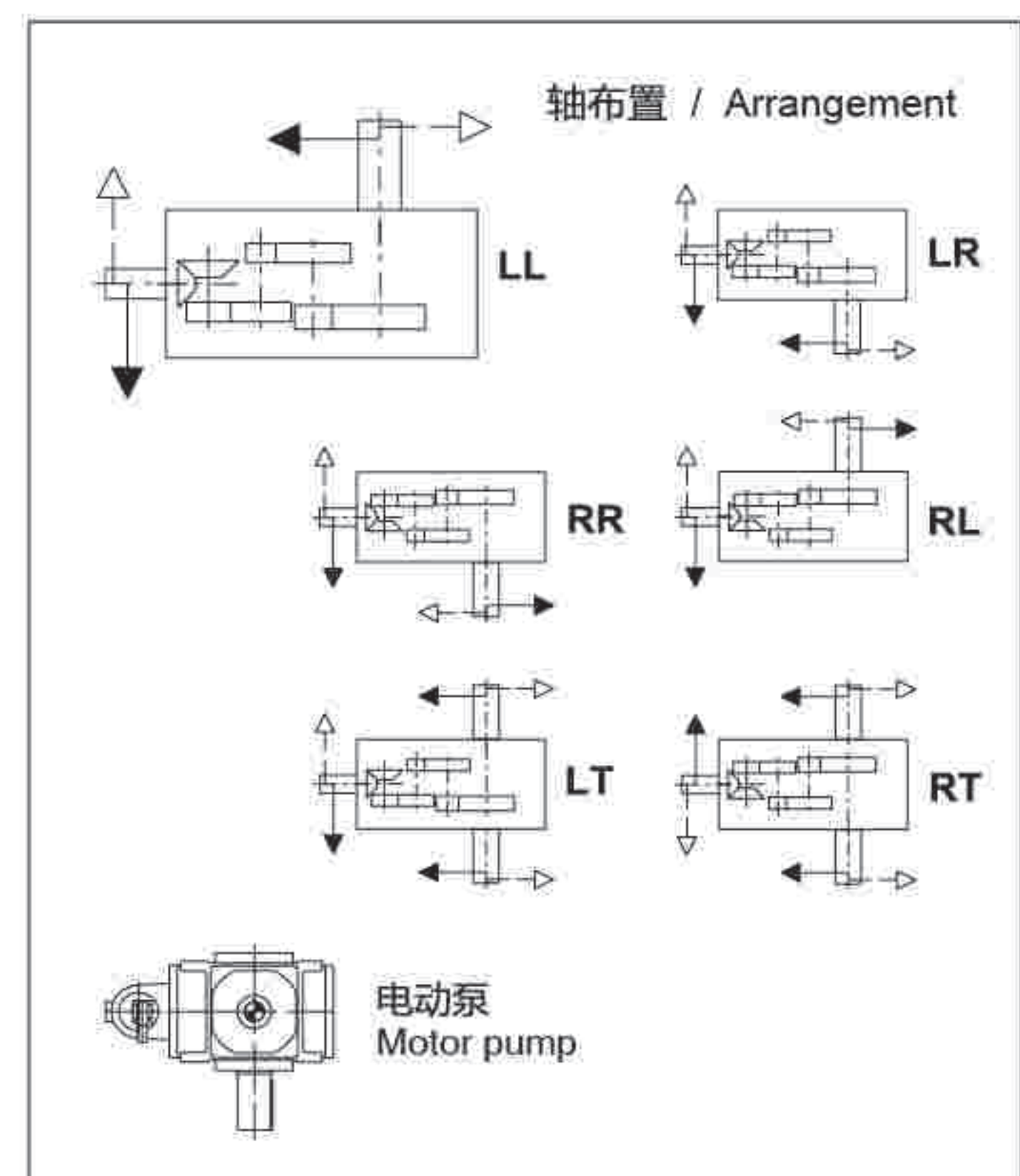
Gear units Dimensions KR4..V 111-120



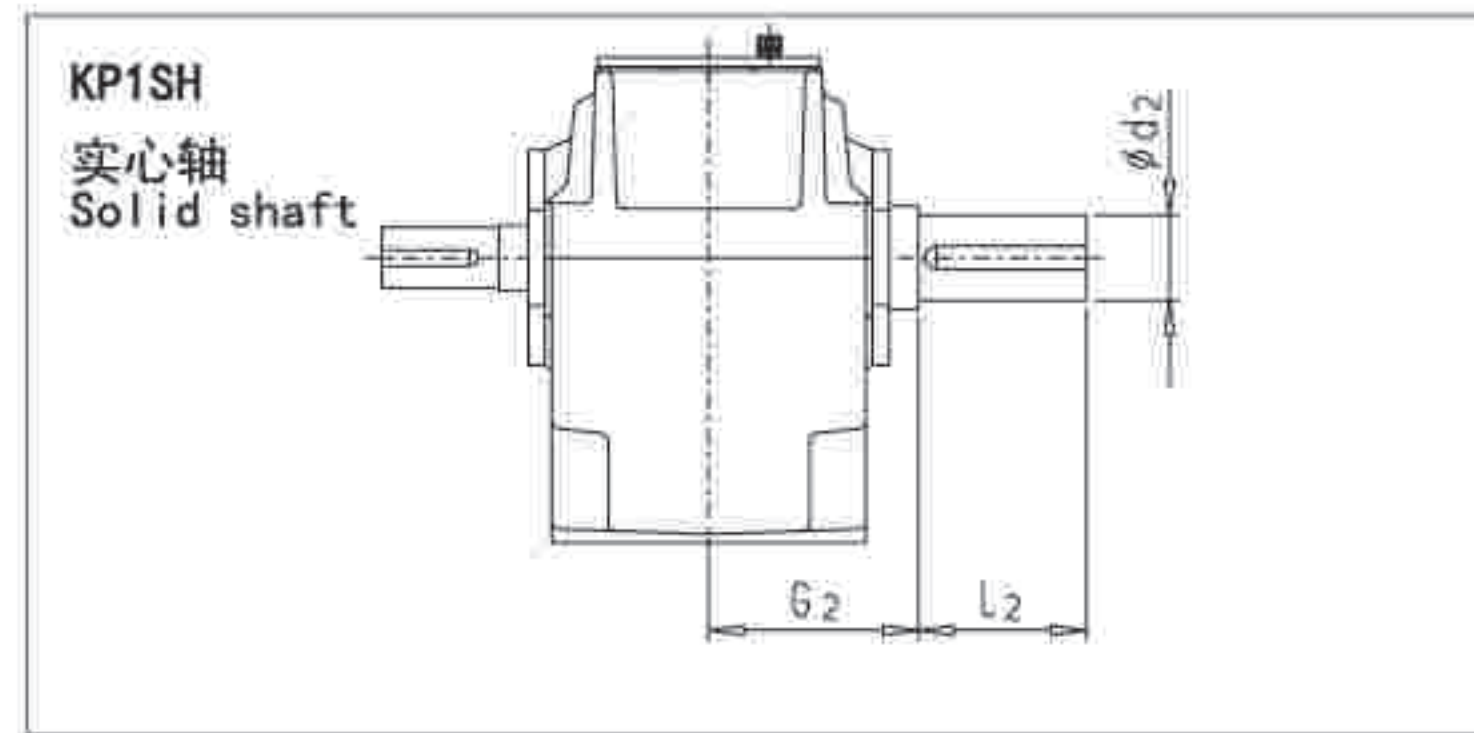
型号 Size	输入轴 / Input					
	$i_N = 80 - 180$		$i_N = 200 - 315$			
	$i_N = 90 - 200$		$i_N = 224 - 355$			
	$i_N = 100 - 224$		$i_N = 250 - 400$			
	d_1	l_1	d_1	l_1	G_1	G_1
111 + 112	55	110	40	100	1170	1240
113 + 114	70	135	50	110	1402	1448
115 + 116	70	135	50	110	1450	1510
117 + 118	请咨询 / On request					
119 + 120						

型号 Size	齿轮箱 / Gear units							
	b	c	h	h_2	m_2	n_1	p_2	s
111+112	900	61 ± 2	272.5	300	680	50	500	48
113+114	980	72 ± 2	310	340	750	60	570	55
115+116	1110	81 ± 2	340	374	850	70	630	55
117+118	请咨询 / On request							
119+120								

型号 Size	齿轮箱 / Gear units								
	a	E	f ₂	m ₁	n ₂	电动泵 Motor pump			
						A	B	C	D
111	1395	820	35	1300	360	70	580	690	705
112	1535	890	35	1440	430	140	580	690	705
113	1680	987	42	1565	430	210	580	730	780
114	1770	1033	42	1655	475	260	580	730	780
115	1770	1035	42	1640	465	190	580	790	810
116	1890	1095	42	1760	525	250	580	790	810
117+118	请咨询 / On request								
119+120									



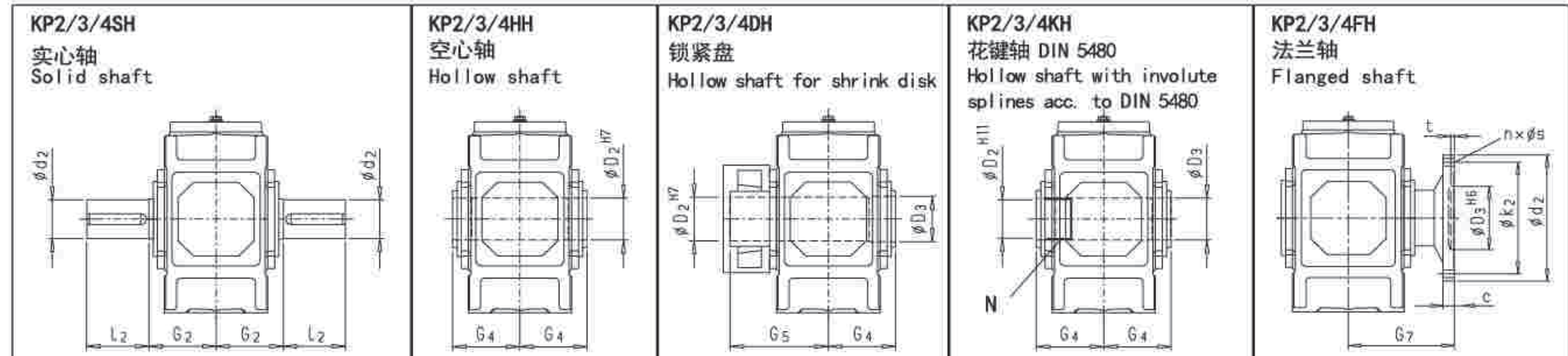
齿轮箱 输出轴 KP..H 101-124



型号 Size	KP1SH		
	d_2	L_2	G_2
101	60	125	170
103	85	160	210
105	105	200	250
107	125	210	270
109	150	240	320
111	180	310	360
113	220	350	360
115	240	400	400
117	270	450	440

Gear units Output KP..H 101-124

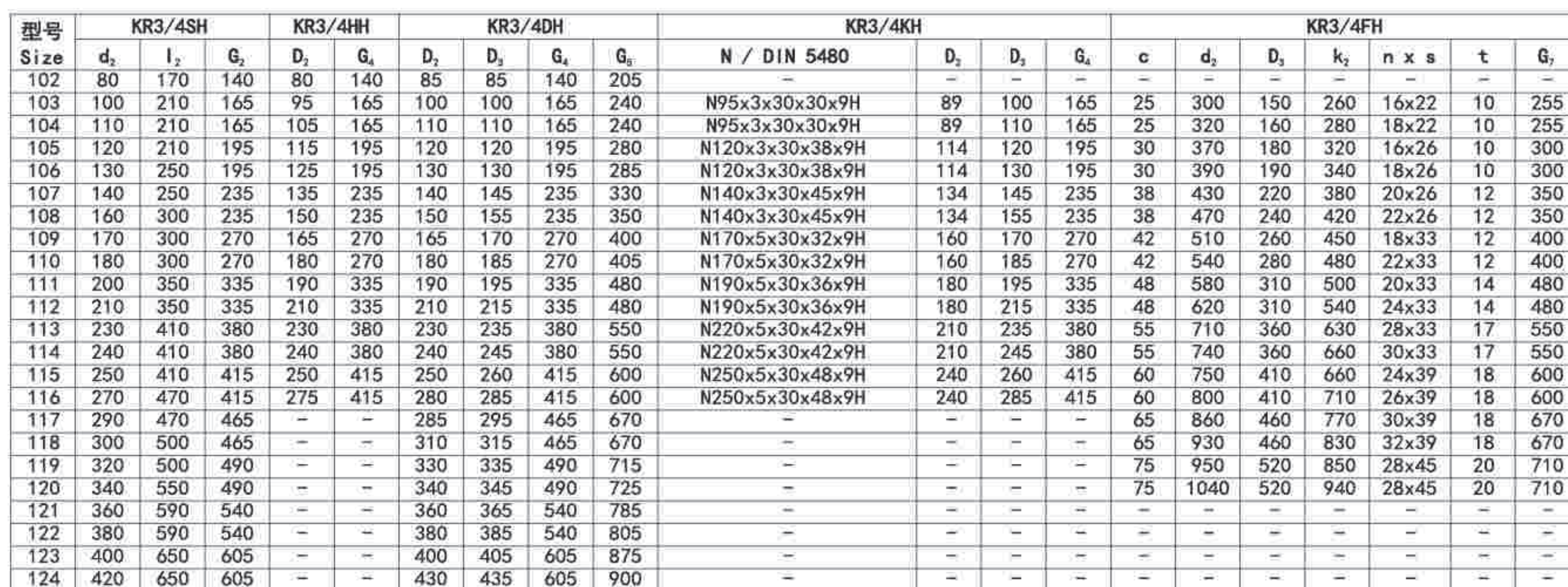
型号 Size	润滑油量 Oil Quantity (L)	重量 Weight (kg)
	KP1SH	KP1SH
101	7	128
103	22	302
105	42	547
107	68	862
109	120	1515
111	175	2395
113	190	3200
115	270	4250
117	390	5800



型号 Size	KP2/3/4SH			KP2/3/4HH			KP2/3/4DH			KP2/3/4KH				KP2/3/4FH						
	d_2	L_2	G_2	D_2	G_4	D_2	D_3	G_4	G_5	N / DIN 5480	D_2	D_3	G_4	c	d_2	D_3	k_2	n x s	t	G_7
102	80	170	140	80	140	85	85	140	205	-	-	-	-	-	-	-	-	-	-	-
103	100	210	165	95	165	100	100	165	240	N95x3x30x30x9H	89	100	165	25	300	150	260	16x22	10	255
104	110	210	165	105	165	110	110	165	240	N95x3x30x30x9H	89	110	165	25	320	160	280	18x22	10	255
105	120	210	195	115	195	120	120	195	280	N120x3x30x38x9H	114	120	195	30	370	180	320	16x26	10	300
106	130	250	195	125	195	130	130	195	285	N120x3x30x38x9H	114	130	195	30	390	190	340	18x26	10	300
107	140	250	235	135	235	140	145	235	330	N140x3x30x45x9H	134	145	235	38	430	220	380	20x26	12	350
108	160	300	235	150	235	150	155	235	350	N140x3x30x45x9H	134	155	235	38	470	240	420	22x26	12	350
109	170	300	270	165	270	165	170	270	400	N170x5x30x32x9H	160	170	270	42	510	260	450	18x33	12	400
110	180	300	270	180	270	180	185	270	405	N170x5x30x32x9H	160	185	270	42	540	280	480	22x33	12	400
111	200	350	335	190	335	190	195	335	480	N190x5x30x36x9H	180	195	335	48	580	310	500	20x33	14	480
112	210	350	335	210	335	210	215	335	480	N190x5x30x36x9H	180	215	335	48	620	310	540	24x33	14	480
113	230	410	380	230	380	230	235	380	550	N220x5x30x42x9H	210	235	380	55	710	360	630	28x33	17	550
114	240	410	380	240	380	240	245	380	550	N220x5x30x42x9H	210	245	380	55	740	360	660	30x33	17	550
115	250	410	415	250	415	250	260	415	600	N250x5x30x48x9H	240	260	415	60	750	410	660	24x39	18	600
116	270	470	415	275	415	280	285	415	600	N250x5x30x48x9H	240	285	415	60	800	410	710	26x39	18	600
117	290	470	465	-	-	285	295	465	670	-	-	-	-	65	860	460	770	30x39	18	670
118	300	500	465	-	-	310	315	465	670	-	-	-	-	65	930	460	830	32x39	18	670
119	320	500	490	-	-	330	335	490	715	-	-	-	-	75	950	520	850	28x45	20	710
120	340	550	490	-	-	340	345	490	725	-	-	-	-	75	1040	520	940	28x45	20	710
121	360	590	540	-	-	360	365	540	785	-	-	-	-	-	-	-	-	-	-	-
122	380	590	540	-	-	380	385	540	805	-	-	-	-	-	-	-	-	-	-	-
123	400	650	605	-	-	400	405	605	875	-	-	-	-	-	-	-	-	-	-	-
124	420	650	605	-	-	430	435	605	900	-	-	-	-	-	-	-	-	-	-	-

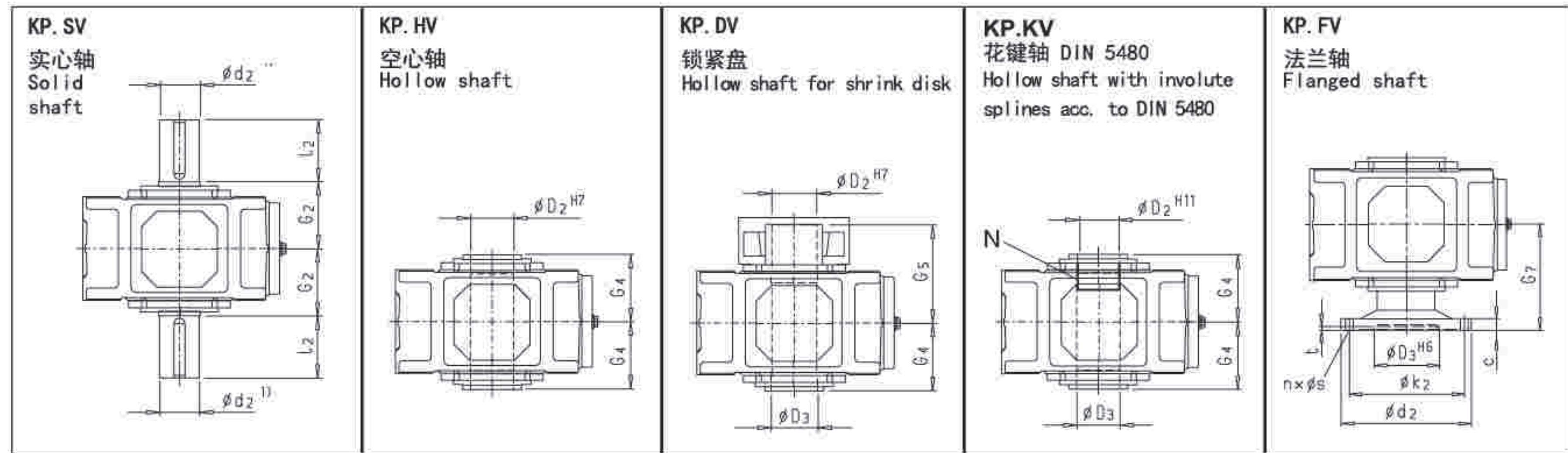
型号 Size	润滑油量 Oil Quantity (L)	重量 Weight (kg)		润滑油量 Oil Quantity (L)	重量 Weight (kg)	润滑油量 Oil Quantity (L)	重量 Weight (kg)	润滑油量 Oil Quantity (L)	重量 Weight (kg)
		KP2SH KP2HH KP2DH KP2KH	KP2FH			KP3SH KP3HH KP3DH KP3KH	KP3FH		
102	10	-	-	-	-	-	-	-	-
103	15	335	-	16	320	355	-	-	-
104	16	395	-	18	365	405	-	-	-
105	27	555	-	29	540	590	25	550	600
106	30	645	-	32	625	675	27	645	700
107	42	915	-	48	875	960	48	875	960
108	45	1050	-	49	1020	1110	50	1010	1100
109	71	1465	-	85	1400	1530	80	1460	1590
110	76	1755	-	90	1675	1815	87	1725	1865
111	135	2000	2160	160	2295	2455	130	2390	2550
112	140	2570	2740	165	2625	2795	140	2730	2900
113	210	3430	3670	235	3475	3715	230	3635	3875
114	215	3655	3910	245	3875	4130	235	3965	4220
115	290	4650	4950	305	4560	4860	290	4680	4980
116	300	5125	5475	315	5030	5380	305	5185	5535
117	320	6600	-	420	6700	-	430	6800	-
118	340	7500	-	450	8100	-	380	8200	-
119	320	8900	-	470	9100	-	395	9200	-
120	340	9600	-	490	9800	-	420	9900	-
121	430	11600	-	620	11500	-	520	11600	-
122	450	13000	-	650	13400	-	550	13500	-
123	600	15500	-	880	16100	-	735	16100	-
124	640	17200	-	935	17600	-	780	17600	-

Gear units Output KR..H 101-124

C-32

齿轮箱 输出轴 KP..V 102-116

Gear units Output KP..V 102-116

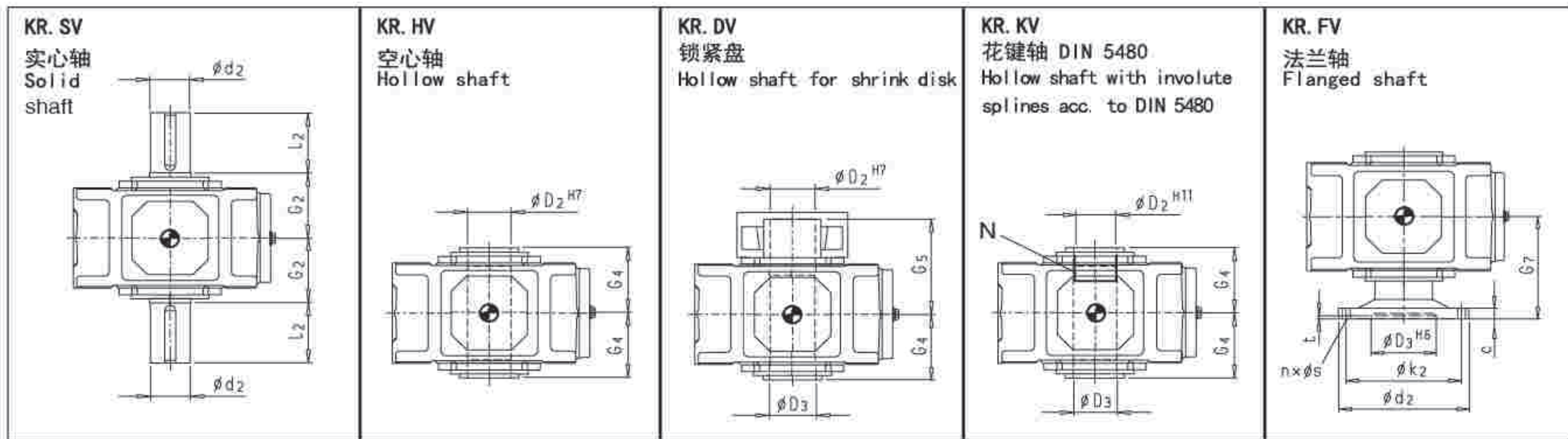


型号	KP2/3/4SV			KP2/3/4HV		KP2/3/4DV				KP2/3/4KV				KP2/3/4FV						
Size	d ₁	l ₂	G ₂	D ₂	G ₄	D ₂	D ₃	G ₄	G ₅	N / DIN 5480	D ₂	D ₃	G ₄	c	d ₂	D ₃	k ₂	n x s	t	G ₇
102	80	170	140	80	140	85	85	140	205	-	-	-	-	-	-	-	-	-	-	-
103	100	210	165	95	165	100	100	165	240	N95x3x30x30x9H	89	100	165	25	300	150	260	16x22	10	255
104	110	210	165	105	165	110	110	165	240	N95x3x30x30x9H	89	110	165	25	320	160	280	18x22	10	255
105	120	210	195	115	195	120	120	195	280	N120x3x30x38x9H	114	120	195	30	370	180	320	16x26	10	300
106	130	250	195	125	195	130	130	195	285	N120x3x30x38x9H	114	130	195	30	390	190	340	18x26	10	300
107	140	250	235	135	235	140	145	235	330	N140x3x30x45x9H	134	145	235	38	430	220	380	20x26	12	350
108	160	300	235	150	235	150	155	235	350	N140x3x30x45x9H	134	155	235	38	470	240	420	22x26	12	350
109	170	300	270	165	270	165	170	270	400	N170x5x30x32x9H	160	170	270	42	510	260	450	18x33	12	400
110	180	300	270	180	270	180	185	270	405	N170x5x30x32x9H	160	185	270	42	540	280	480	22x33	12	400
111	200	350	335	190	335	190	195	335	480	N190x5x30x36x9H	180	195	335	48	580	310	500	20x33	14	480
112	210	350	335	210	335	210	215	335	480	N190x5x30x36x9H	180	215	335	48	620	310	540	24x33	14	480
113	230	410	380	230	380	230	235	380	550	N220x5x30x42x9H	210	235	380	55	710	360	630	28x33	17	550
114	240	410	380	240	380	240	245	380	550	N220x5x30x42x9H	210	245	380	55	740	360	660	30x33	17	550
115	250	410	415	250	415	250	260	415	600	N250x5x30x48x9H	240	260	415	60	750	410	660	24x39	18	600
116	270	470	415	275	415	280	285	415	600	N250x5x30x48x9H	240	285	415	60	800	410	710	26x39	18	600

型号 Size	润滑油量Oil Quantity (L) KP2. V		重量 Weight (kg)		润滑油量Oil Quantity (L) KP3. V		重量 Weight (kg)		润滑油量Oil Quantity (L) KP4. V		重量 Weight (kg)	
	浸油润滑 Dip lubrica- tion	强制润滑 Forced lubrica- tion	KP2SV KP2HV KP2DV KP2KV	KP2FV	浸油润滑 Dip lubrica- tion	强制润滑 Forced lubrica- tion	KP3SV KP3HV KP3DV KP3KV	KP3FV	浸油润滑 Dip lubrica- tion	强制润滑 Forced lubrica- tion	KP4SV KP4HV KP4DV KP4KV	KP4FV
102	23	-	190	-	-	-	-	-	-	-	-	-
103	35	17.5	300	335	36	24	320	355	-	-	-	-
104	37	18.5	355	395	40	27	365	405	-	-	-	-
105	62	31	505	555	64	42	540	590	60	44	550	600
106	69	35	590	645	70	47	625	680	65	48	645	700
107	98	49	830	915	110	73	875	960	105	78	875	960
108	110	55	960	1050	120	80	1020	1110	110	81	1010	1100
109	160	80	1335	1465	190	110	1400	1530	175	113	1460	1590
110	180	90	1615	1755	205	120	1675	1815	200	129	1725	1865
111	-	120	1880	2040	-	160	2155	2315	-	140	2270	2430
112	-	135	2430	2600	-	180	2490	2660	-	160	2600	2770
113	-	185	3240	3480	-	255	3260	3500	-	220	3440	3680
114	-	200	3465	3720	-	260	3625	3880	-	230	3740	3995
115	-	265	4420	4720	-	325	4250	4550	-	280	4445	4745
116	-	285	4870	5220	-	335	4740	5090	-	300	4915	5265

齿轮箱 输出轴 KR..V 102-116

Gear units Output KR..V 102-116



型号	KR2SV			KR2HV		KR2DV				KR2KV				KR2FV						
Size	d ₂	l ₂	G ₂	D ₂	G ₄	D ₂	D ₃	G ₄	G ₅	N / DIN 5480	D ₂	D ₃	G ₄	c	d ₂	D ₃	k ₂	n x s	t	G ₇
102	80	170	170	80	170	85	85	170	235	—	—	—	—	—	—	—	—	—	—	—
103	100	210	200	95	200	100	100	200	275	N95x3x30x30x9H	89	100	200	25	300	150	260	16x22	10	290
104	110	210	200	105	200	110	110	200	275	N95x3x30x30x9H	89	110	200	25	320	160	280	18x22	10	290
105	120	210	235	115	235	120	120	235	320	N120x3x30x38x9H	114	120	235	30	370	180	320	16x26	10	340
106	130	250	235	125	235	130	130	235	325	N120x3x30x38x9H	114	130	235	30	390	190	340	18x26	10	340
107	140	250	270	135	270	140	145	270	365	N140x3x30x45x9H	134	145	270	38	430	220	380	20x26	12	385
108	160	300	270	150	270	150	155	270	385	N140x3x30x45x9H	134	155	270	38	470	240	420	22x26	12	385
109	170	300	320	165	320	165	170	320	450	N170x5x30x32x9H	160	170	320	42	510	260	450	18x33	12	450
110	180	300	320	180	320	180	185	320	455	N170x5x30x32x9H	160	185	320	42	540	280	480	22x33	12	450
111	200	350	390	—	—	—	—	—	—	—	—	—	—	48	580	310	500	20x33	14	525
112	210	350	390	210	390	210	215	390	535	N190x5x30x36x9H	180	215	390	48	620	310	540	24x33	14	525
113	230	410	460	—	—	—	—	—	—	—	—	—	—	55	710	360	630	28x33	17	625
114	240	410	460	240	450	240	245	450	620	N220x5x30x42x9H	210	245	450	55	740	360	660	30x33	17	625
115	250	410	540	—	—	—	—	—	—	—	—	—	—	60	750	410	660	24x39	18	695
116	270	470	540	275	510	280	285	510	700	N250x5x30x48x9H	240	285	510	60	800	410	710	26x39	18	695

型号	KR3/4SV			KR3/4HV		KR3/4DV				KR3/4KV				KR3/4FV						
Size	d ₂	l ₂	G ₂	D ₂	G ₄	D ₂	D ₃	G ₄	G ₅	N / DIN 5480	D ₂	D ₃	G ₄	c	d ₂	D ₃	k ₂	n x s	t	G ₇
102	80	170	140	80	140	85	85	140	205	—	—	—	—	—	—	—	—	—	—	
103	100	210	165	95	165	100	100	165	240	N95x3x30x30x9H	89	100	165	25	300	150	260	16x22	10	255
104	110	210	165	105	165	110	110	165	240	N95x3x30x30x9H	89	110	165	25	320	160	280	18x22	10	255
105	120	210	195	115	195	120	120	195	280	N120x3x30x38x9H	114	120	195	30	370	180	320	16x26	10	300
106	130	250	195	125	195	130	130	195	285	N120x3x30x38x9H	114	130	195	30	390	190	340	18x26	10	300
107	140	250	235	135	235	140	145	235	330	N140x3x30x45x9H	134	145	235	38	430	220	380	20x26	12	350
108	160	300	235	150	235	150	155	235	350	N140x3x30x45x9H	134	155	235	38	470	240	420	22x26	12	350
109	170	300	270	165	270	165	170	270	400	N170x5x30x32x9H	160	170	270	42	510	260	450	18x33	12	400
110	180	300	270	180	270	180	185	270	405	N170x5x30x32x9H	160	185	270	42	540	280	480	22x33	12	400
111	200	350	335	190	335	190	195	335	480	N190x5x30x36x9H	180	195	335	48	580	310	500	20x33	14	480
112	210	350	335	210	335	210	215	335	480	N190x5x30x36x9H	180	215	335	48	620	310	540	24x33	14	480
113	230	410	380	230	380	230	235	380	550	N220x5x30x42x9H	210	235	380	55	710	360	630	28x33	17	550
114	240	410	380	240	380	240	245	380	550	N220x5x30x42x9H	210	245	380	55	740	360	660	30x33	17	550
115	250	410	415	250	415	250	260	415	600	N250x5x30x48x9H	240	260	415	60	750	410	660	24x39	18	600
116	270	470	415	275	415	280	285	415	600	N250x5x30x48x9H	240	285	415	60	800	410	710	26x39	18	600

型号 Size	润滑油量 Oil Quantity (L) KR2.V		重量 Weight (kg)		润滑油量 Oil Quantity (L) KR3.V		重量 Weight (kg)		润滑油量 Oil Quantity (L) KR4.V		重量 Weight (kg)	
	浸油润滑 Dip lubrica- tion	强制润滑 Forced lubrica- tion	KR2SV KR2HV KR2DV KR2KV	KR2FV	浸油润滑 Dip lubrica- tion	强制润滑 Forced lubrica- tion	KR3SV KR3HV KR3DV KR3KV	KR3FV	浸油润滑 Dip lubrica- tion	强制润滑 Forced lubrica- tion	KR4SV KR4HV KR4DV KR4KV	KR4FV
102	23.5	-	235	-	20	-	210	-	-	-	-	-
103	38	19	360	400	34	17	325	360	36	18	335	370
104	46	23	410	455	36	18	380	420	40	20	385	425
105	74	37	615	670	60	30	550	600	65	32	555	605
106	81	40	700	760	68	34	635	690	73	36	655	710
107	115	57	1000	1090	96	48	890	975	105	52	890	975
108	120	60	1155	1250	105	52	1020	1110	110	55	1025	1115
109	190	95	1640	1775	155	77	1455	1585	175	87	1485	1615
110	225	114	1910	2060	175	87	1730	1870	200	100	1750	1890
111	-	125	2350	2520	-	115	2260	2420	-	135	2280	2440
112	-	140	2725	2905	-	130	2615	2785	-	150	2605	2775
113	-	190	3795	4050	-	180	3540	3780	-	210	3435	3675
114	-	200	4160	4430	-	190	3765	4020	-	220	3765	4020
115	-	270	5320	5640	-	260	4760	5060	-	270	4460	4760
116	-	295	5860	6230	-	275	5240	5590	-	285	4930	5280

润滑/ Lubricant

低速轴转速 Slow Speed Shaft Speed		环境温度 Ambient Temperature		
		-10 °C to +15 °C	0 °C to +30 °C	+10 °C to +50 °C
超过 Over 100r/min	ISO* AGMA	VG68 2EP	VG150 4EP	VG220 5EP
低于 Under 100r/min	ISO* AGMA	VG100 3EP	VG220 5EP	VG320 6EP

* 在ISO 40°C时的动粘度 (cSt) 。 * Kinetic Viscosity (cSt) at ISO 40 deg.

齿轮箱在出厂时未加油，在运转前务必加油至油标标示的油位范围内。
Gearunit is shipped without lubrication oil. Supply oil within the range shown on the dip stick before operation.

上表用ISO和AGMA标示在该环境温度范围和低速轴转速时，油的大致粘度。
The table on the right shows appropriate viscosity of oil based on ISO and AGMA for respective ambient temperatures and slow speed shaft r/min.

环境温度在-10°C以下或50°C以上时，一般需要加热装置或冷却装置。
When the ambient temperature is lower than -10 deg or higher than +50 deg, a heating or cooling unit is necessary, in general.

推荐的润滑剂 Recommended Lubricants

品牌 Brand	英国石油 BP	嘉实多 CASTROL			雪佛龙德式吉 CHEVRON TEXACO		埃克森美孚 EXXON MOBIL		壳牌 SHELL	道达尔 TOTAL	
Gear Oil 齿轮油	ISO VG68 AGMA 2EP	ENERGOL GR-XP-68	ALPHA SP68	OPTIGEAR BM68	TRIBOL 1100/68	GEAR COMPOUNDS EP68	MEROPA WM68	SPARTAN EP68	MOBIL- GEAR 626	OMALA 68	CARTER EP68
	ISO VG100 AGMA 3EP	ENERGOL GR-XP-100	ALPHA SP100	OPTIGEAR BM100	TRIBOL 1100/100	GEAR COMPOUNDS EP100	MEROPA WM100	SPARTAN EP100	MOBIL- GEAR 627	OMALA 100	CARTER EP100
	ISO VG150 AGMA 4EP	ENERGOL GR-XP-150	ALPHA SP150	OPTIGEAR BM150	TRIBOL 1100/150	GEAR COMPOUNDS EP150	MEROPA WM150	SPARTAN EP150	MOBIL- GEAR 629	OMALA 150	CARTER EP150
	ISO VG220V AGMA 5EP	ENERGOL GR-XP-220	ALPHA SP220	OPTIGEAR BM220	TRIBOL 1100/220	GEAR COMPOUNDS EP220	MEROPA WM220	SPARTAN EP220	MOBIL- GEAR 630	OMALA 220	CARTER EP220
	ISO VG320 AGMA 6EP	ENERGOL GR-XP-320	ALPHA SP320	OPTIGEAR BM320	TRIBOL 1100/320	GEAR COMPOUNDS EP320	MEROPA WM320	SPARTAN EP320	MOBIL- GEAR 632	OMALA 320	CARTER EP320
轴承润滑脂 Bearing grease	ENER- GREASE LS EP2	SPHEEROL AP3	Olista Long- time 3EP	TRIBOL 3020/ 1000-2	DURALITH GREASE 68	MULTI- FAK EP2	BEACON EP2	MOBIL- PLEX 48	ALVANIA EP2	MULTIS EP2	

注：
(1) 倾斜安装、天花板上安装等，请咨询。

Note:
(1) Consult us when gearunit is to be installed on an inclined surface or on a ceiling.

德国康普曼研发、制造、服务基地



南京制造基地



连云港制造基地



德国Dortmund市制造大型齿轮基地



中国销售总部（南京河西世茂18楼）

销售总部:

南京市建邺区河西世茂大厦6号楼1801-1803 室

联系电话: 025-85550568(销售) 025-84913668(制造)

www.kpmdrive.com

销售公司:

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