



- 产品采用了系列化、模块化的设计思想，有广泛的适应性，本系列产品有极其多的电机组合、安装位置和结构方案，传动比分级精细，转速型谱宽，满足不同的使用工况，实现机电一体化。
- R、K、F、S四大系列减速机采用单元结构模块化设计原理，大量减少了零部件种类和库存量，也大大的缩短了交货周期。部件通用性强，维护成本低，特别是生产线，只需备用内部几个传动件即可保证整线正常生产的维修保养。
- 减速机效率高达96%，振动小、噪音低、性能优越、密封性能好、可在有腐蚀、潮湿等恶劣环境中连续工作。
- 带筋的高刚性铸铁箱体，齿轮采用高耐磨优质合金材料并经特种热处理及精密磨齿加工，确保轴平行度和定位的精度，这一切构成了齿轮传动的完美结合。
- R series rigid tooth flank helical gear units, K series helical-bevel gear units, F series parallel shaft helical gear units, S series helical-worm gear units, T series spiral bevel gear units, have the advantages of small volume and big transmission torque.
- Designed and manufactured on the basis of modular combined system, the gear units have abundant combinations of motor, mounting positions and structure projects, the classifying class of transmission ratio is detailed, which meets the requirements of different working situation and realize mechatronics.
- R, K, F, S four main series gear units utilize the design principle of unit structure module, which reduces the categories and stocks of parts, and shortens the delivery period. High efficiency of drive, low consumption of power, and excellent performance.
- High rigidity cast iron housing with rib; the rigid tooth flank gear utilizes good-quality alloy steel, the surface is treated with carburizing quenching hardening treatment, refined processing of grinding, stable drive, low noise, big capacity of load, long using life.

选型指南

Guidelines for the selection

- 减速机是按载荷平稳，每天工作时间一定和少量起停次数的情况设计的，而在实际使用中往往不是处于此种理想状况，因此必须按照实际情况的载荷类型、运行时间、起动频率来确定工作机系数 f_1 、原动机系数 f_2 、起动系数 f_3 。使其小于或等于选型表中的服务系数 f_B ，即 $f_1 \times f_2 \times f_3 \times f_4 \leq f_B$ ，或将工作机所需的转矩乘以服务系数（ $f_1 \times f_2 \times f_3$ ）应小于或等于减速机的许用转矩。
即 $T_N \geq T_2 \times f_1 \times f_2 \times f_3 \times f_4$
 f_1 — 工作机系数（见表1）
 f_2 — 原动机系数（见表2）
 f_3 — 起动系数（见表3）
 f_4 — 环境温度工作系数（见表4）
 T_2 — 工作机所需转矩
 T_N — 减速机许用转矩（见第9页）
- K系列和T系列螺旋锥齿轮减速机如果只承受单向载荷则最好注明旋转方向（从输出端方向看），这样有利于改善螺旋锥齿轮的受力状况。
- 我公司可承接特殊规格产品的订货，并可为客户提供专用设计服务。
- 随着技术进步，本公司产品设计和规格可能会有所更改，恕不另行通知。
- Gear units are designed under the circumstance of steady load, stated operating time per day and a few starting times. but the practical condition will be not as perfect as the designed circumstance. so we must confirm driven machine factor f_1 , prime mover factor f_2 , starting factor f_3 according to actual load type, operating time, starting frequency. let it less than or equal to the service factor f_B of selection table, viz $f_1 \times f_2 \times f_3 \times f_4 \leq f_B$. the needed torque of service machine multiply the service factor ($f_1 \times f_2 \times f_3$) should less than or equal to gear units' permissible torque.
Viz $T_N \geq T_2 \times f_1 \times f_2 \times f_3 \times f_4$
 f_1 — driven machine factor (see table 1)
 f_2 — prime mover factor (see table 2)
 f_3 — starting factor (see table 3)
 f_4 — ambient temperature work factor (see table 4)
 T_2 — the needed torque of driven machine
 T_N — gear units' permissible torque (see page 9)
- If the K series and T series spiral bevel gear units can only bear single direction load, please indicate the rotating direction (see from output side), which is good for improving the pressing state of the spiral bevel gear.
- We accept the orders of products of special specification, and provide our customer with exclusive design service.
- Design and specifications are subject to change without notice, Please forgive

载 荷 类 型 表

表1		工 作 机 系 数			f1				
工 作 机		日工作小时数			工 作 机		日工作小时数		
		≤0.5h	0.5-10h	>10h			≤0.5h	0.5-10h	>10h
污 水 处 理	浓缩器(中心传动)	-	-	1.2	金 属 加 工 设 备	可逆式板坯轧机	-	2.5	2.5
	压滤器	1.0	1.3	1.5		可逆式线材轧机	-	1.8	1.8
	絮凝器	0.8	1.0	1.3		可逆式薄板轧机	-	2.0	2.0
	曝气机	-	1.8	2.0		可逆式中厚板轧机	-	1.8	1.8
	接集设备	1.0	1.2	1.3		辊缝调节驱动装置	0.9	1.0	-
	纵向、回转组合接集装置	1.0	1.3	1.5		斗式输送机	-	1.2	1.5
	预浓缩器	-	1.1	1.3		绞车	1.4	1.6	1.6
	螺杆泵	-	1.3	1.5		卷扬机	-	1.5	1.8
	水轮机	-	-	2.0		皮带输送机<150kw	1.0	1.2	1.3
	离心泵	1.0	1.2	1.3		皮带输送机≥150kw	1.1	1.3	1.5
	1个活塞容积式泵	1.3	1.4	1.8		货用电梯*	-	1.2	1.5
	>1个活塞容积式泵	1.2	1.4	1.5		客用电梯*	-	1.5	1.8
挖泥机	斗式运输机	-	1.6	1.6	输 送 机 械	刮板式输送机	-	1.2	1.5
	装卸装置	-	1.3	1.5		自动扶梯	-	1.2	1.4
	Carteypillar行走机构	1.2	1.6	1.8		轨道行走机构	-	1.5	-
	斗轮式挖掘机(用于捡拾)	-	1.7	1.7		变频装置	-	1.8	2.0
	斗轮式挖掘机(用于粗料)	-	2.2	2.2		往复式压缩机	-	1.8	1.9
	切碎机	-	2.2	2.2		回转机构	2.5	2.5	3.0
	行走机构*	-	1.4	1.8		俯仰机构	2.5	2.5	3.0
化 学 工 业	弯板机*	-	1.0	1.0	起 重 机 械	行走机构	2.5	3.0	3.0
	挤压机	-	-	1.6		提升机构	2.5	2.5	3.0
	调浆机	-	1.8	1.8		转臂式起重机	2.5	2.5	3.0
	橡胶研光机	-	1.5	1.5		冷却塔风扇	-	-	2.0
	冷却圆筒	-	1.3	1.4	冷 却 塔	风机(轴流和离心式)	-	1.4	1.5
	混料机,用于均匀介质	1.0	1.3	1.4		甘蔗切碎机*	-	-	1.7
	混料机,用于非均匀介质	1.4	1.6	1.7		甘蔗碾磨机	-	-	1.7
	搅拌机,用于密度均匀介质	1.0	1.3	1.5		甜菜绞碎机	-	-	1.2
	搅拌机,用于非均匀介质	1.2	1.4	1.6	甜 菜 糖 生 产	榨取机,机械致冷机,蒸煮机	-	-	1.4
	搅拌机,用于不均匀气体吸收	1.4	1.6	1.8		甜菜清洗机	-	-	1.5
	烘炉	1.0	1.3	1.5		甜菜切碎机	-	-	1.5
	离心机	1.0	1.2	1.3		各种类型**	-	1.8	2.0
金 属 加 工 设 备	翻板机	1.0	1.0	1.2	造 纸 机 械	碎浆机驱动装置	2.0	2.0	2.0
	推钢机	1.0	1.2	1.2		离心式压缩机	-	1.4	1.5
	绕线机	-	1.6	1.6	索 道 缆 车	运货索道	-	1.3	1.4
	冷床横移架	-	1.5	1.5		往返系统空中索道	-	1.6	1.8
	辊式矫直机	-	1.6	1.6		T型杆升降机	-	1.3	1.4
	辊道(连续式)	-	1.5	1.5		连续索道	-	1.4	1.6
	辊道(间歇式)	-	2.0	2.0	水 泥 工 业	混凝土搅拌机	-	1.5	1.5
	可逆式轧管机	-	1.8	1.8		破碎机*	-	1.2	1.4
	剪切机(连续式)*	-	1.5	1.5		回转窑	-	-	2.0
	剪切机(曲柄式)*	1.0	1.0	1.0		管式磨机	-	-	2.0
	连铸机驱动装置	-	1.4	1.4		选粉机	-	1.6	1.6
	可逆式开坯机	-	2.5	2.5		辊压机	-	-	2.0

工作机额定功率P₂的确定 *)按最大扭矩确定额定功率, **)检验热功率是绝对必要的。

表 2 原动机系数		f ₂
电机,液压马达,汽轮机		1.0
4-6缸活塞发动机		1.25
1-3缸活塞发动机		1.5

表 4 环境温度工作系数					f ₄
环境温度℃	20℃	30℃	40℃	50℃	
f ₄	1	1.15	1.35	1.65	

表 3 起动系数						f ₃
f ₃		f ₁ × f ₂	1	1.25 ~1.75	2~ 2.75	≥3
每小时启动次数						
≤5			1	1	1	1
6~25			1.2	1.12	1.06	1
26~60			1.3	1.2	1.12	1.06
61~180			1.5	1.3	1.2	1.12
>180			1.7	1.5	1.3	1.2



Gear Units Service Factor

Table 1		Factor for driven machine			f1					
Driven machines		Effective daily operating period under load in hours			Driven machines		Effective daily operating period under load in hours			
		≤ 0.5h	0.5-10h	> 10h			≤ 0.5h	0.5-10h	> 10h	
Waste water treatment	Thickeners(central drive)	—	—	1.2	Metal working mills	Reversing slabbing mills	—	2.5	2.5	
	Filter presses	1.0	1.3	1.5		Reversing wire mills	—	1.8	1.8	
	Flocculation apparata	0.8	1.0	1.3		Reversing sheet mills	—	2.0	2.0	
	Aerators	—	1.8	2.0		Reversing plate mills	—	1.8	1.8	
	Raking equipment	1.0	1.2	1.3		Roll adjustment drives	0.9	1.0	—	
	Combined longitudinal and rotary rakes	1.0	1.3	1.5	Conveyors	Bucket conveyors	—	1.2	1.5	
	Pre-thickeners	—	1.1	1.3		Hauling winches	1.4	1.6	1.6	
	Screw pumps	—	1.3	1.5		Hoists	—	1.5	1.8	
	Water turbines	—	—	2.0		Belt conveyors <150 kw	1.0	1.2	1.3	
	Centrifugal pumps	1.0	1.2	1.3		Belt conveyors ≥ 150 kw	1.1	1.3	1.5	
	1piston positive-displacement pumps	1.3	1.4	1.8		Goods lifts *	—	1.2	1.5	
	>1piston positive-displacement pumps	1.2	1.4	1.5		Passenger lifts *	—	1.5	1.8	
Dredgers	Bucket conveyors	—	1.6	1.6		Apron conveyors	—	1.2	1.5	
	Dumping devices	—	1.3	1.5		Escalators	—	1.2	1.4	
	Carterpillar travelling gears	1.2	1.6	1.8		Rail travelling gears	—	1.5	—	
	Bucket wheel excavators as pick-up	—	1.7	1.7	Frequency converters	—	1.8	2.0		
	Bucket wheel excavators for primitive material	—	2.2	2.2	Reciprocating compressors	—	1.8	1.9		
	Cutter heads	—	2.2	2.2	Cranes	Slewing gears	2.5	2.5	3.0	
	Traversing gears *	—	1.4	1.8		Luffing gears	2.5	2.5	3.0	
	Plate bending machines *	—	1.0	1.0		Travelling gears	2.5	3.0	3.0	
Chemical industry	Extruders	—	—	1.6		Hoisting gears	2.5	2.5	3.0	
	Dough mills	—	1.8	1.8		Derricking jib cranes	2.5	2.5	3.0	
	Rubber calenders	—	1.5	1.5	Cooling towers	Cooling tower fans	—	—	2.0	
	Cooling drums	—	1.3	1.4		Blowers(axial and radial)	—	1.4	1.5	
	Mixers for uniform media	1.0	1.3	1.4		Cane knives *	—	—	1.7	
	Mixers for non-uniform media	1.4	1.6	1.7	Cane sugar production	Cane mills	—	—	1.7	
	Agitators for media with uniform density	1.0	1.3	1.5		Beet cossettes macerators	—	—	1.2	
	Agitators for media with non-uniform density	1.2	1.4	1.6		Extraction plants,Mechanical refrigerators,Juice boilers,	—	—	1.4	
	Agitators for media with non-uniform gas absorption	1.4	1.6	1.8	Sugar beet washing machines	—	—	1.5		
	Toasters	1.0	1.3	1.5	Sugar beet cutters	—	—	1.5		
	Metal working mills	Centrifuges	1.0	1.2	1.3	Paper machines	Of all-kind **	—	1.8	2.0
		Plate tilters	1.0	1.0	1.2		Pulper drives	2.0	2.0	2.0
Ingot pushers		1.0	1.2	1.2	Cableways	Centrifugal compressors	—	1.4	1.5	
Winding machines		—	1.6	1.6		Material ropeways	—	1.3	1.4	
Cooling bed transfer frames		—	1.5	1.5		To-and fro system aerial ropeways	—	1.6	1.8	
Roller straighteners		—	1.6	1.6		T-bar lifts	—	1.3	1.4	
Roller tables continuous		—	1.5	1.5		Continuous ropeways	—	1.4	1.6	
Roller tables intermittent		—	2.0	2.0		Concrete mixers	—	1.5	1.5	
Roller tables Reversing tube mills		—	1.8	1.8		Breakers *	—	1.2	1.4	
Shears continuous *		—	1.5	1.5	Cement industry	Rotary kilns	—	—	2.0	
Shears crank type *		1.0	1.0	1.0		Tube mills	—	—	2.0	
Continuous casting drivers		—	1.4	1.4		Separators	—	1.6	1.6	
Reversing blooming mills		—	2.5	2.5		Roll crushers	—	—	2.0	

Design for power rating of driven machine P₂ *)Designed power corresponding to max.torque.

**)A check for thermal capacity is absolutely essential.

Table 2 Factor for prime mover		f ₂
Electric motors,hydraulic motors,turbines		1.0
Piston engines 4-6 cylinders		1.25
Piston engines 1-3 cylinders		1.5

Table 4 Ambient temperature work factor f ₄				
Ambient temperature(°C)	20	30	40	50
f ₄	1	1.15	1.35	1.65

Table 3		Start factor			f_3
f_3	$f_1 \times f_2$	1	1.25 ~1.75	2~ 2.75	≥ 3
Starts per hour					
≤ 5		1	1	1	1
6~25		1.2	1.12	1.06	1
26~60		1.3	1.2	1.12	1.06
61~180		1.5	1.3	1.2	1.12
> 180		1.7	1.5	1.3	1.2



注意事项:

- ☐ 样本中的结构图和外形附图只属范例，并不要求严格一致；若需严格的外形及尺寸可向我们索取您所选定型号规格的CAD光盘。
- ☐ 样本中外形尺寸单位全部是毫米 (mm)。
- ☐ 所注重量和油量仅为平均值，并不要求严格一致。
- ☐ 传动能力表中只有4、6、8极电机的平均或同步转速值，准确的输出转速应以电机额定转速或输入转速除以精确或实际减速比。尺寸图表中的电机尺寸以所配电机规格确定。电机接线盒位置若有要求，订货时需标注确认。电机代号见附录部分。
- ☐ 为防止发生事故，所有旋转部件均应根据国家和当地安全规定加防护罩。
- ☐ 传动箱供货时带径向油封，其它要求另行说明。
- ☐ 传动箱供货时，铸件外表喷涂兰色或灰色油漆，铝合金外表喷涂银白色平面漆，要求其它色彩或特种油漆需注明。
- ☐ 通气帽、放油孔、油镜或油尺位置出厂时按公司图纸标准，指定位置订货时必需另行说明。
- ☐ 本说明书中的所有减速机都可以正反转（除配单向逆止器外），书中只表示一个输入旋转方向；另一个旋转方向输入时，输出方向也将改变。输出轴的旋转方向与内部结构和输入旋转方向有关，斜齿轮与减速级有关，螺旋锥齿轮与相对装配位置有关，蜗轮箱与蜗杆螺旋旋转方向有关。
- ☐ 试车之前，必需认真阅读使用说明书。
- ☐ 传动箱供货时已作好运行准备，只是未加入润滑油。
- ☐ 减速机空心轴带收缩盘、花键轴、电机座和伺服电机联接法兰及逆止器，带强制风扇、润滑冷却及控制部分等装置另行咨询。
- ☐ 本选型手册仅提供标准产品内容，行业专用或特殊规格另行咨询。
- ☐ 传动能力表中有关最大允许直联电机功率是相对于4极电机的功率。

Notes:

- ☐ Structure drawings and outline pictures attached in this catalog are regarded as examples with no strict accordance with products. The exact CAD drawing and dimension of certain types can be offered.
- ☐ The unit of dimension is millimeter (mm).
- ☐ Labeled weight and oil capacity are not exact but average.
- ☐ There are only average speed of 4, 6, 8 pole motor in transmission capacity table, exact speed is motor speed divided by exact ration. Motor size in dimension table is determined by motor type. Special requirements on terminal box of motor should be specified when placing an order. Motor types can be referred to Appendix.
- ☐ To avoid accident, all rotative components must be installed dust hood complying with national and regional safety regulations.
- ☐ Charge-free radial seals will be added on delivery, please state if other requirements.
- ☐ Iron-cast surface is sprayed blue or gray paint, Aluminum-die-cast surface silver, Other colors or special lacquer will be specified.
- ☐ Location of breather valve, oil drain plug, oil level plug and oil dipstick is subject to our drawings of different types. Special requirement will be stated when ordering.
- ☐ All reducers can rotate on both opposite directions (except installation of backstop) in this catalog, and only one input direction is marked, the input direction changed into the opposite will cause the change of output direction. The output direction relates to inner structure and input direction, to number of stages of helical gears, to relative position of spiral gears, to the rotation direction of worm in worm gear units.
- ☐ Please read the catalog before running the reducer.
- ☐ Gear units have been debugged, but lubrication will be added before running.
- ☐ Shrink disk, involute spline, motor base, flange and backstop connected with servo motor, cooling fan, lubrication cooling and controller will be specified when needed. We will offer reference.
- ☐ Please consult us for special products because all information in this catalog is subject to general standards.
- ☐ Maximum motor power in transmission capacity table is of 4-pole electric motor.



代号说明

SYMBOL SPECIFICATION

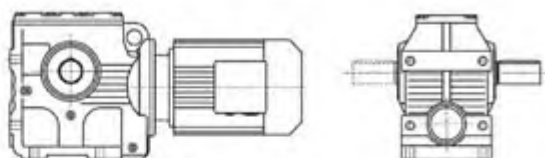
代号 Symbol	说 明	Specification	单 位 Unit
i	实际减速比	Actual ratio	/
i _N	公称减速比	Nominal ratio	
i _{ex}	精确减速比	Exact ratio	
T ₂	输出扭矩	Output torque	N · m
T _{2N}	额定输出扭矩	Rated output torque	
T _A	峰值扭矩	Max. Torque occurring on input shaft, e.g. Peak operating, starting or braking torque	
T _{n2atmax}	在最高转速时的额定输出扭矩	Nominal output torque at highest speed	
T _{n2atmin}	在最低转速时的额定输出扭矩	Nominal output torque at lowest speed	
P _{1N}	减速机额定输入功率	Rated input power	kW
P _G	热容量功率	Thermal capacity power	
P ₁	输入功率	Input power	
P ₂	输出功率	Output power	
t	环境温度	Ambient temperature	℃
f ₁	被驱动设备系数	Driven machine factor	/
f ₂	原动机系数	Drives factor	
f _t	环境温度系数	Temperature factor	
n ₁	输入转速	Input speed	r/min
n _m	电机转速	Motor speed	
n _{2N}	公称输出转速	Nominal output speed	
n ₂	输出转速	Output speed	
F _{r1}	输入轴额定径向力	Nominal radial force on input shaft	N
F _{r2}	输出轴额定径向力	Nominal radial force on output shaft	
F _a	输出轴额定轴向力	Nominal axial force on output shaft	
η	效率	Efficiency	/
f	电机频率	Motor frequency	Hz
V _{mot}	电机电压	Motor voltage	V
V _{brake}	制动器电压	Brake voltage	



S系列减速机有以下设计方案:

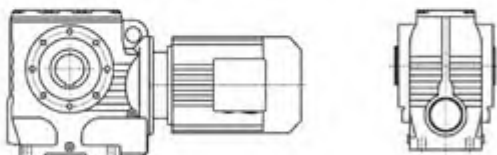
S series gear units are available in the following designs:

S



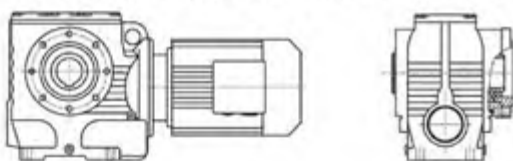
S...Y...

底脚轴伸式安装斜齿-蜗轮蜗杆减速机
Foot-mounted helical-worm gear units with solid shaft



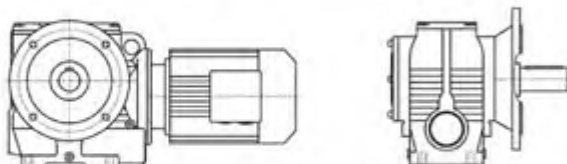
SA...Y...

空心轴安装斜齿-蜗轮蜗杆减速机
Helical-worm gear units with hollow shaft



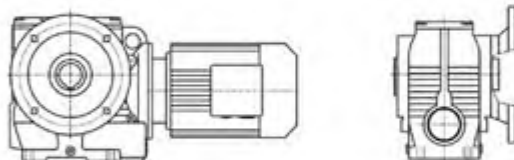
SAZ...Y...

小法兰空心轴安装斜齿-蜗轮蜗杆减速机
Short-flange mounted helical-worm gear units with hollow shaft



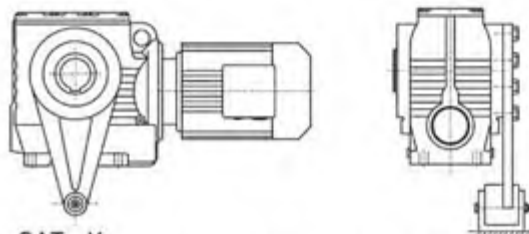
SF...Y...

法兰轴伸式安装斜齿-蜗轮蜗杆减速机
Flange-mounted helical-worm gear units with solid shaft



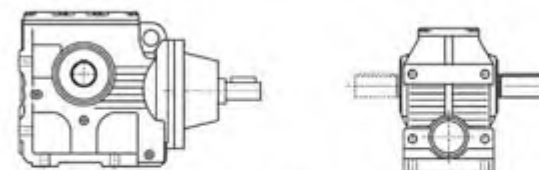
SAF...Y...

法兰空心轴安装斜齿-蜗轮蜗杆减速机
Flange-mounted helical-worm gear units with hollow shaft



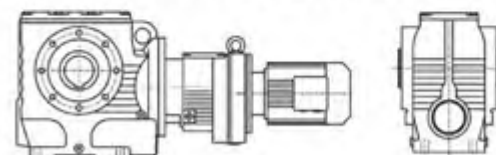
SAT...Y...

带防转臂空心轴安装斜齿-蜗轮蜗杆减速机
Torque-arm-mounted helical-worm gear units with hollow shaft



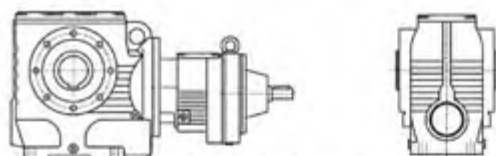
S(SF, SA, SAF, SAZ) S...

轴输入的斜齿-蜗轮蜗杆减速机
Shaft input helical-worm gear units



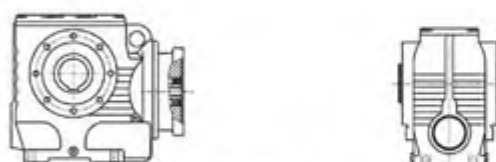
SA(S, SF, SAF, SAZ) ...R...Y...

组合式斜齿-蜗轮蜗杆减速机
Combinatorial helical-worm gear units



SA(S, SF, SAF, SAZ) S...R...

轴输入的组合式斜齿-蜗轮蜗杆减速机
Shaft input combinatorial helical-worm gear units



SA(S, SF, SAF, SAZ) ...Y...

电机用户自配或配特殊电机时需加联接法兰
When equipping the user's motor or the special one, the flange is required to be connected



型号与标记: Type Designations:

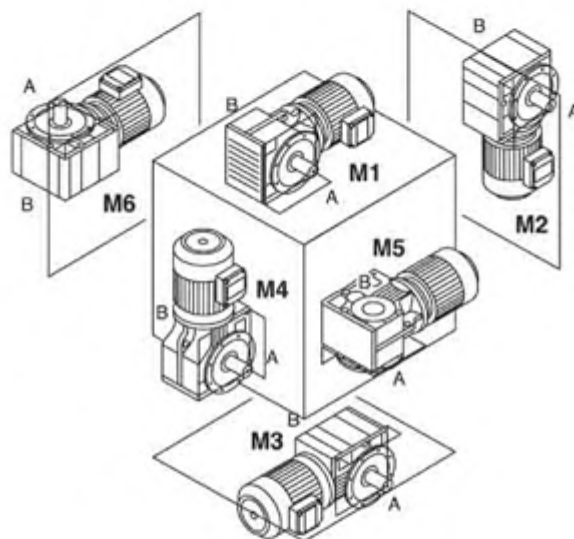
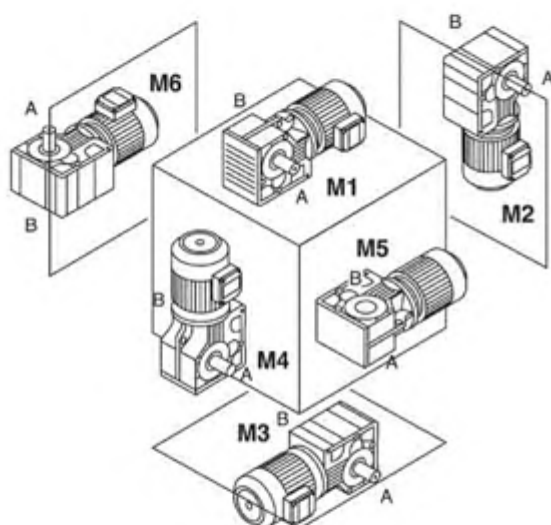
SAF37-Y 0.55-4P-12.08-M1-270°-A-Φ25 减速机类型 结构形式 规格 电机代号 电机功率、极数 传动比 安装形式 电机接线盒位置 输出轴、锁紧盘或法兰方向 输出轴孔径	SAF37-Y 0.55-4P-12.08-M1-270°-A-Φ25 Gear units type Structure Size Motor code Motor power, pole Ratio Mounting position Position of the motor thermal box Position of output shaft, shrink disk or flange Output shaft aperture
减速机类型: 斜齿-蜗轮蜗杆减速机	Gear units type: Helical-worm gear units
结构形式: 普通轴伸式 (省略) 轴装式 A 轴伸法兰式 F 轴装法兰式 AF 轴装小法兰式 AZ 轴装带防转臂 AT 普通轴伸式, 轴输入 S 普通轴装式, 轴输入 AS 轴伸法兰式, 轴输入 FS 轴装法兰式, 轴输入 AFS *带锁紧盘式 H...(H,HF,HZ,HT)	Structure: Foot-mounted solid shaft output (-) Hollow shaft output A Flange-mounted solid shaft output F Flange-mounted hollow shaft output AF Short-flange-mounted hollow shaft output AZ Torque-arm-mounted hollow shaft output AT Foot-mounted solid shaft output, shaft input S Hollow shaft output, shaft input AS Flange-mounted solid shaft output, shaft input FS Flange-mounted hollow shaft output, shaft input AFS *Hollow shaft output with shrink disk H...(H,HF,HZ,HT)
规格: (见选型参数表)	Size: (see selection table)
电机代号: 普通 (更新) Y(Y2) 防爆 B 直流 Z 制动 YEJ 多速 D 变频 YVP 电磁调速 YCT 冶金起重 R 变频制动 YVPJ 辊道 G	Motor code: Ordinary(renew) Y(Y2) Flame-proof B Direct current Z Brake YEJ Multi-speed D Variable frequency YVP Electromagnetism speed modulation YCT Hoisting in metallurgy R Variable frequency and brake YVPJ Roller tables G
电机功率、极数: (见选型参数表)	Motor power, pole : (see selection table)
传动比: (见选型参数表)	Ratio: (see selection table)
安装形式: M1、M2、M3、M4、M5、M6 (见第66页)	Mounting position: M1、M2、M3、M4、M5、M6(see page 66)
电机接线盒位置: 0°、90°、180°、270° (见第66页)	Position of the motor thermal box: 0°、90°、180°、270° (see page 66)
输出轴或法兰方向: 从电机尾部看左边为 A 从电机尾部看右边为 B (见安装形式) 从电机尾部看左右边为 A+B	Position of output shaft or flange: viewing on motor end:left side -A, right side-B,both sides-A+B(see mounting position)
输出轴孔径: (见安装尺寸图)带实心轴输出时省略	Output shaft aperture: (see the chart of mouting dimension) It will be omitted when solid output shaft

*带锁紧盘式, 详见384-385页。

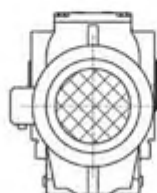
*Hollow shaft output with shrink disk, see P384-385 for detail.



安装形式 Mounting position



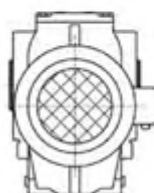
电机接线盒位置 Position of the motor thermal box



0°



90°



180°



270°

输入功率及许用转矩 Input power rating and permissible torque

规格 Size	37	47	57	67	77	87	97
结构形式 Structure	S SA SF SAF SAT SAZ						
输入功率(kW) Input power rating	0.18~0.75	0.18~1.5	0.18~3	0.25~5.5	0.55~7.5	0.75~15	1.5~22
传动比 Ratio	10.27~165.71	11.46~244.74	10.78~196.21	11.55~227.20	9.96~241.09	11.83~223.26	12.75~230.48
许用转矩(N.m) Permissible torque	90	170	300	520	1270	2280	4000



减速机重量 Gear unit weight

规格 Size	37	47	57	67	77	87	97
重量 (kg) Weight	7	10	14	26	50	100	170

所注重量为平均值, 仅供参考

The weights are mean values, only for reference.

润滑油量表 Lubrication table

S...:

规格 Size	润滑油量 (升) Fill quantity in liters					
	M1	M2	M3 ¹⁾	M4	M5	M6
S37	0.25	0.4	0.5	0.6	0.4	0.4
S47	0.35	0.8	0.7	1.1	0.8	0.8
S57	0.5	1.2	1	1.5	1.3	1.3
S67	1	2.0	2.2/3.1	3.2	2.6	2.6
S77	1.9	4.2	3.7/5.4	6	4.4	4.4
S87	3.3	8.1	6.9/10.4	12	8.4	8.4
S97	6.8	15	13.4/18	22.5	17	17

S

SF...:

规格 Size	润滑油量 (升) Fill quantity in liters					
	M1	M2	M3 ¹⁾	M4	M5	M6
SF37	0.25	0.4	0.5	0.6	0.4	0.4
SF47	0.4	0.9	0.9	1.2	1.0	1.0
SF57	0.5	1.2	1	1.6	1.4	1.4
SF67	1	2.2	2.3/3	3.2	2.7	2.7
SF77	1.9	4.1	3.9/5.8	6.5	4.9	4.9
SF87	3.8	8	7.1/10.1	12	9.1	9.1
SF97	7.4	15	13.8/18.8	23.6	18	18

SA...、SAF...、SAZ...:

规格 Size	润滑油量 (升) Fill quantity in liters					
	M1	M2	M3 ¹⁾	M4	M5	M6
S..37	0.25	0.4	0.5	0.6	0.4	0.4
S..47	0.4	0.8	0.7	1.1	0.8	0.8
S..57	0.5	1.1	1	1.6	1.2	1.2
S..67	1	2.0	1.8/2.6	2.9	2.5	2.5
S..77	1.8	3.9	3.6/5	5.9	4.5	4.5
S..87	3.8	7.4	6/8.7	11.2	8	8
S..97	7	14	11.4/16	21	15.7	15.7

注: 1) 表示减速机为组合型时低速级所加油量为大值。

Notes: 1) The large gear unit of multi-stage gear units must be filled with the larger oil volume.



输出转速	输出扭矩	传动比	使用系数	机 型 号	极 数	输出转速	输出扭矩	传动比	使用系数	机 型 号	极 数
Output speed	Output torque	Ratio	Service factor	Type	Pole	Output speed	Output torque	Ratio	Service factor	Type	Pole
r/min	Nm	i	f _s	Type	p	r/min	Nm	i	f _s	Type	p
0.18kW						0.18kW					
0.30	2579	4606	0.83	S 87R57 SF 87R57 SA 87R57 SAF87R57	4	9.5	109	146.84	1.47	S 47 SF 47 SA 47 SAF47	4
0.36	2563	3872	0.84			10	102	137.25	1.57		
0.40	2515	3475	0.85			12	88	118.64	1.82		
0.48	2394	2905	0.90			14	75	100.80	2.14		
0.54	2239	2586	0.96			15	67	90.00	2.40		
0.60	2021	2335	1.06			18	57	76.88	2.80		
0.68	1778	2054	1.21			19	53	72.00	2.99		
0.76	1579	1824	1.36			23	45	60.65	3.56		
0.85	1412	1631	1.52								
0.99	1215	1404	0.98	S 77R37 SF 77R37 SA 77R37 SAF77R37	4	9.1	113	152.00	0.80	S 37 SF 37 SA 37 SAF37	4
1.1	1078	1245	1.11			11	96	129.41	0.89		
1.3	952	1100	1.25			12	83	111.58	1.03		
1.5	826	954	1.45			13	77	104.00	1.10		
1.7	725	837	1.65			15	67	90.91	1.26		
1.9	618	714	1.93			16	63	85.22	1.34		
2.2	551	637	2.2			18	56	75.20	1.52		
2.4	497	574	2.4			21	49	66.67	1.72		
1.7	600	809	0.81	S 67R37 SF 67R37 SA 67R37 SAF67R37	4	25	45	56.67	1.89	S 37 SF 37 SA 37 SAF37	4
2.0	532	712	0.92			27	42	52.00	2.02		
2.3	528	615	0.93			31	39	45.45	2.16		
2.6	470	543	1.04			33	37	42.61	2.30		
3.0	406	469	1.20			37	33	37.60	2.61		
3.3	367	424	1.33			42	29	33.33	2.95		
3.8	316	365	1.55			49	25	28.33	3.47		
3.2	336	438	0.87			59	23	23.46	3.66		
3.6	325	388	0.84	74	19	18.85	4.56				
4.1	291	336	0.97	84	16	16.48	5.21				
4.7	255	294	1.11	90	15	15.45	5.56				
5.2	233	269	1.21	102	13	13.63	6.30				
6.1	198	229	1.42	115	12	12.08	7.11				
6.8	177	204	1.60	135	10	10.27	8.37				
7.4	162	187	1.74								
4.7	198	294	0.81	S 47R17 SF 47R17 SA 47R17 SAF47R17	4	0.25kW					
5.4	191	257	0.84			0.48	2495	2905	0.86	S 87R57 SF 87R57 SA 87R57 SAF87R57	4
6.1	182	229	0.88			0.54	2470	2586	0.87		
7.0	173	200	0.92			0.60	2406	2335	0.89		
3.7	276	227.20	1.77	S 67 SF 67 SA 67 SAF67	6	0.68	2221	2054	0.96		
4.1	249	205.11	1.96			0.76	2193	1824	0.98		
4.7	219	180.46	2.23			0.85	1961	1631	1.09		
5.0	207	170.40	2.36			1.5	1118	930	1.92		
4.3	238	196.21	1.18	S 57 SF 57 SA 57 SAF57	6	1.5	1147	954	1.04	S 77R37 SF 77R37 SA 77R37 SAF77R37	4
4.7	219	180.40	1.29			1.7	1006	837	1.19		
5.5	187	154.35	1.51			1.9	858	714	1.39		
6.4	162	133.79	1.74			2.2	766	637	1.56		
7.1	146	196.21	1.94	S 57 SF 57 SA 57 SAF57	4	2.4	690	574	1.73	S 67R37 SF 67R37 SA 67R37 SAF67R37	4
7.7	134	180.40	2.11			2.8	600	499	1.99		
9.0	115	154.35	2.46			2.6	564	543	0.87		
10.4	99	133.79	2.84			3.0	560	469	0.87		
5.1	204	168.00	0.81	S 47 SF 47 SA 47 SAF47	6	3.3	510	424	0.96	S 57R17 SF 57R17 SA 57R17 SAF57R17	4
5.7	182	150.00	0.88			3.8	439	365	1.11		
5.8	178	146.84	0.90			4.4	384	319	1.27		
6.2	167	137.25	0.96			4.9	338	281	1.45		
7.2	144	118.64	1.11	S 47 SF 47 SA 47 SAF47	4	4.7	353	294	0.80	S 67 SF 67 SA 67 SAF67	8
5.7	182	244.74	0.88			5.2	323	269	0.87		
6.1	170	228.75	0.94			6.1	275	229	1.02		
7.0	147	197.73	1.09			6.8	245	204	1.15		
8.3	125	168.00	1.28	S 47 SF 47 SA 47 SAF47	4	7.4	225	187	1.25	S 57R17 SF 57R17 SA 57R17 SAF57R17	4
9.3	111	150.00	1.44			8.4	198	165	1.42		
						11	158	131	1.79		
5.7	182	244.74	0.88			S 47 SF 47 SA 47 SAF47	4	2.8	505	227.20	0.97
6.1	170	228.75	0.94	3.1	456			205.11	1.07		
7.0	147	197.73	1.09	3.6	401			180.46	1.22		
8.3	125	168.00	1.28	3.8	378			170.40	1.29		
9.3	111	150.00	1.44	4.5	320			144.00	1.53		



输出转速 Output speed r/min	输出扭矩 Output torque Nm	传动比 Ratio i	使用系数 Service factor f _s	机 型 号 Type Type	极 数 Pole p	输出转速 Output speed r/min	输出扭矩 Output torque Nm	传动比 Ratio i	使用系数 Service factor f _s	机 型 号 Type Type	极 数 Pole p
0.25kW						0.37kW					
3.7	383	227.20	1.28	S 67	6	0.68	2611	2054	0.82	S 87R57	4
4.1	346	205.11	1.41	SF 67	6	0.76	2488	1824	0.86	SF 87R57	4
4.7	304	180.46	1.61	SA 67	6	0.85	2318	1631	0.92	SA 87R57	4
5.0	287	170.40	1.70	SAF67	6	1.5	1655	930	1.29	SAF87R57	4
5.9	243	144.00	2.01			1.7	1479	831	1.45		
6.1	234	227.20	2.09			1.9	1271	714	0.94		
6.8	211	205.11	2.31			2.2	1134	637	1.05	S 77R37	4
7.7	186	180.46	2.63	S 67	4	2.4	1021	574	1.17	SF 77R37	4
8.2	176	170.40	2.78	SF 67	4	2.8	888	499	1.34	SA 77R37	4
9.7	148	144.00	3.30	SA 67	4	3.2	779	438	1.53	SAF77R37	4
11	134	130.00	3.65	SAF67	4	3.6	692	389	1.72		
12	118	114.38	4.15			3.8	557	365	0.88	S 67R37	4
13	111	108.00	4.39			4.4	568	319	0.92	SF 67R37	4
4.3	331	196.21	0.85	S 57	6	4.9	500	281	0.98	SA 67R37	4
4.7	304	180.40	0.93	SF 57	6	5.7	438	246	1.12	SAF67R37	4
5.5	260	154.35	1.08	SA 57	6						
6.4	225	133.79	1.25	SAF57	6	3.0	702	222.00	3.03	S 87	8
6.8	211	125.05	1.34			3.4	627	198.00	3.42	SF 87	8
7.1	202	196.21	1.39			4.0	527	166.43	4.07	SA 87	8
7.7	186	180.40	1.52							SAF87	8
9.0	159	154.35	1.77	S 57	4	2.8	763	241.09	1.57	S 77	8
10	138	133.79	2.05	SF 57	4	3.3	652	206.04	1.83	SF 77	8
11	129	125.05	2.19	SA 57	4	3.5	598	188.89	2.00	SA 77	8
13	111	108.09	2.53	SAF57	4	4.0	524	165.75	2.28	SAF77	8
15	95	91.84	2.98			4.3	497	157.08	2.40		
17	85	82.00	3.34								
7.0	204	197.73	0.81			3.9	544	227.20	0.90	S 67	6
8.3	173	168.00	0.92			4.3	491	205.11	1.00	SF 67	6
9.3	155	150.00	1.04			4.9	432	180.46	1.13	SA 67	6
9.5	151	146.84	1.06			5.2	408	170.40	1.20	SAF67	6
10	141	137.25	1.13			6.1	345	144.00	1.42		
12	122	118.64	1.31	S 47	4	6.1	347	227.20	1.41		
14	104	100.80	1.54	SF 47	4	6.8	313	205.11	1.56		
15	93	90.00	1.73	SA 47	4	7.7	275	180.46	1.78	S 67	4
18	79	76.88	2.02	SAF47	4	8.2	260	170.40	1.88	SF 67	4
19	74	72.00	2.16			9.7	220	144.00	2.23	SA 67	4
23	71	60.65	2.24			11	198	130.00	2.47	SAF67	4
24	63	59.32	2.56			12	174	114.38	2.80		
28	61	50.40	2.64								
31	54	45.00	2.96			5.7	370	154.35	0.81		
13	107	104.00	0.81			6.6	321	133.79	0.88	S 57	6
15	94	90.91	0.91			7.1	300	125.05	0.94	SF 57	6
16	88	85.22	0.97			8.2	259	108.09	1.09	SA 57	6
18	77	75.20	1.10			9.6	220	91.84	1.28	SAF57	6
21	69	66.67	1.24			10.8	196	82.00	1.44		
25	63	56.67	1.36								
27	58	52.00	1.46			7.1	299	196.21	0.94		
31	55	45.45	1.56			7.7	275	180.40	1.02		
33	51	42.61	1.66			9.0	235	154.35	1.20		
37	45	37.60	1.88	S 37	4	10	204	133.79	1.38	S 57	4
42	40	33.33	2.12	SF 37	4	11	191	125.05	1.48	SF 57	4
49	34	28.33	2.50	SA 37	4	13	165	108.09	1.71	SA 57	4
59	32	23.46	2.64	SAF37	4	15	140	91.84	2.01	SAF57	4
74	26	18.85	3.28			17	125	82.00	2.25		
84	23	16.48	3.75			20	119	70.04	2.64		
90	21	15.45	4.00			21	111	66.89	2.37		
102	19	13.63	4.54			22	107	62.53	2.53		
115	17	12.08	5.12								
135	14	10.27	6.02			10	209	137.25	0.80	S 47	4
						12	181	118.64	0.88	SF 47	4
						14	154	100.80	1.04	SA 47	4
						15	137	90.00	1.17	SAF47	4
						18	117	76.88	1.36		



造型参数表
Structure Table



输出转速 Output speed r/min	输出扭矩 Output torque Nm	传动比 Ratio i	使用系数 Service factor f _s	机 型 号 Type Type	极 数 Pole p	输出转速 Output speed r/min	输出扭矩 Output torque Nm	传动比 Ratio i	使用系数 Service factor f _s	机 型 号 Type Type	极 数 Pole p
0.37kW						0.55kW					
19	110	72.00	1.46			3.7	859	241.09	1.39	S 77	6
23	106	60.65	1.52			4.3	734	206.04	1.63	SF 77	6
24	93	59.32	1.73			4.7	673	188.89	1.78	SA 77	6
28	90	50.40	1.78			5.3	590	165.75	2.02	SAF77	6
31	80	45.00	2.00	S 47	4	5.6	559	157.08	2.13		
36	68	38.44	2.34	SF 47	4						
39	64	36.00	2.50	SA 47	4	5.8	547	241.09	2.18	S 77	4
46	54	30.33	2.96	SAF47	4	6.7	467	206.04	2.56	SF 77	4
50	56	27.74	2.84			7.4	428	188.89	2.79	SA 77	4
54	53	25.93	3.03							SAF77	4
62	46	22.41	3.51			6.1	515	227.20	0.95		
73	39	19.04	4.13			6.8	465	205.11	1.05		
82	35	17.00	4.63			7.7	409	180.46	1.20		
						8.2	386	170.40	1.27		
21	102	66.67	0.84			9.7	326	144.00	1.50	S 67	4
25	93	56.67	0.92			11	295	130.00	1.66	SF 67	4
27	86	52.00	0.98			12	259	114.38	1.89	SA 67	4
31	81	45.45	1.05			13	245	108.00	2.00	SAF67	4
33	76	42.61	1.12			15	208	91.96	2.35		
37	67	37.60	1.27	S 37	4	17	189	83.57	2.58		
42	59	33.33	1.43	SF 37	4	19	172	72.39	2.98		
49	50	28.33	1.69	SA 37	4	21	164	65.00	2.84		
59	48	23.46	1.78	SAF37	4						
74	38	18.85	2.22			9.6	327	91.84	0.86		
84	34	16.48	2.54			11	292	82.00	0.97		
90	31	15.45	2.71			12	251	70.40	1.01	S 57	6
102	28	13.63	3.07			13	278	66.89	1.12	SF 57	6
115	25	12.08	3.46			14	260	62.53	1.09	SA 57	6
135	21	10.27	4.07			16	225	54.05	1.26	SAF57	6
						19	191	45.92	1.48		
						22	170	41.00	1.66		
						25	146	35.20	1.93		
						9.0	350	154.35	0.81		
						10	303	133.79	0.93		
						11	284	125.05	0.99		
						13	245	108.09	1.15		
						15	208	91.84	1.35		
						17	186	82.00	1.52		
						20	177	70.40	1.59		
						21	165	66.89	1.70	S 57	4
						22	160	62.53	1.77	SF 57	4
						26	143	54.05	1.97	SA 57	4
						30	121	45.92	2.32	SAF57	4
						34	108	41.00	2.60		
						40	93	35.02	3.04		
						42	91	32.80	3.10		
						46	87	30.12	3.25		
						53	79	26.11	3.57		
						57	74	24.40	3.82		
						66	64	21.09	4.42		
						18	174	76.88	0.92		
						19	163	72.00	0.98		
						23	157	60.65	1.02		
						25	138	59.32	1.16		
						28	133	50.40	1.20		
						31	119	45.00	1.34		
						36	102	38.44	1.57	S 47	4
						39	95	36.00	1.68	SF 47	4
						46	80	30.33	1.91	SA 47	4
						50	84	27.74	1.99	SAF47	4
						54	78	25.93	2.04		
						62	68	22.41	2.36		
						73	58	19.04	2.78		
						82	51	17.00	3.11		
						96	44	14.52	3.65		
						102	41	13.60	3.89		
						121	35	11.46	4.62		
0.55kW						0.55kW					
1.0	2517	1332	0.85								
1.2	2475	1191	0.87								
1.3	2460	1032	0.87	S 87R57	4						
1.5	2340	930	0.92	SF 87R57	4						
1.7	2198	831	0.97	SA 87R57	4						
1.9	1902	719	1.13	SAF87R57	4						
2.2	1651	624	1.30								
2.5	1476	558	1.45								
3.2	1151	435	1.86								
2.8	1320	499	0.90								
3.2	1159	438	1.03	S 77R37	4						
3.6	1029	389	1.16	SF 77R37	4						
4.3	865	327	1.38	SA 77R37	4						
4.8	764	289	1.56	SAF77R37	4						
5.6	661	250	1.81								
5.7	558	246	0.84	S 67R37	4						
6.3	585	221	0.88	SF 67R37	4						
7.0	524	198	0.93	SA 67R37	4						
8.3	444	168	1.10	SAF67R37	4						
3.0	1044	222.00	2.05	S 87	8						
3.4	931	198.00	2.30	SF 87	8						
4.0	783	166.43	2.74	SA 87	8						
				SAF87	8						
4.0	791	222.00	2.71	S 87	6						
4.5	705	198.00	3.04	SF 87	6						
5.3	593	166.43	3.62	SA 87	6						
				SAF87	6						
3.3	969	206.04	1.23	S 77	8						
3.5	888	188.89	1.34	SF 77	8						
4.0	780	165.75	1.53	SA 77	8						
4.3	739	157.08	1.62	SAF77	8						



输出转速 Output speed r/min	输出扭矩 Output torque Nm	传动比 Ratio i	使用系数 Service factor f _s	机 型 号 Type Type	极 数 Pole p	输出转速 Output speed r/min	输出扭矩 Output torque Nm	传动比 Ratio i	使用系数 Service factor f _s	机 型 号 Type Type	极 数 Pole p
0.55kW						0.75kW					
42	88	33.33	0.96			6.8	634	205.11	0.80		
49	75	28.33	1.13			7.7	558	180.46	0.88		
59	71	23.46	1.20			8.2	527	170.40	0.93		
74	57	18.85	1.49	S 37	4	9.7	445	144.00	1.10		
84	50	16.48	1.71	SF 37	4	11	402	130.00	1.22		
90	47	15.45	1.82	SA 37	4	12	354	114.38	1.38	S 67	4
102	41	13.63	2.06	SAF37	4	13	334	108.00	1.46	SF 67	4
115	37	12.08	2.33			15	284	91.96	1.72	SA 67	4
135	31	10.27	2.74			17	258	83.57	1.89	SAF67	4
0.75kW						19	224	72.39	2.09		
1.1	4411	1223	0.85			21	234	65.00	2.18		
1.3	3860	1070	0.97			22	206	63.00	2.37		
1.5	3347	928	1.12	S 97R57	4	24	195	57.19	2.51		
1.7	2972	824	1.27	SF 97R57	4	26	185	54.00	2.51		
1.9	2575	714	1.46	SA 97R57	4	30	166	45.98	2.95		
2.2	2258	626	1.67	SAF97R57	4	13	331	70.04	0.80		
2.6	1941	538	1.94			14	369	66.89	0.82	S 57	6
2.9	1746	484	2.2			15	345	62.53	0.85	SF 57	6
1.3	2659	1032	0.81			17	298	54.05	0.95	SA 57	6
1.5	2593	930	0.83			20	253	45.92	1.11	SAF57	6
1.7	2569	831	0.83	S 87R57	4	22	226	41.00	1.25		
1.9	2396	719	0.89	SF 87R57	4	13	334	108.09	0.84		
2.2	2251	624	0.95	SA 87R57	4	15	284	91.84	0.99		
2.5	2013	558	1.06	SAF87R57	4	17	254	82.00	1.11		
3.2	1569	435	1.37			20	217	70.04	1.17		
4.3	1165	323	1.84			21	241	66.89	1.25		
4.3	1179	327	1.01	S 77R37	4	22	226	62.53	1.30		
4.8	1042	289	1.15	SF 77R37	4	26	195	54.05	1.45	S 57	4
5.6	902	250	1.32	SA 77R37	4	30	166	45.92	1.70	SF 57	4
6.3	790	219	1.51	SAF77R37	4	34	148	41.00	1.91	SA 57	4
3.0	1457	230.48	2.58	S 97	8	40	126	35.02	2.23	SAF57	4
3.3	1311	207.48	2.87	SF 97	8	42	118	32.80	2.27		
3.6	1187	187.89	3.17	SA 97	8	46	124	30.12	2.38		
4.1	1048	222.00	2.04	SAF97	8	53	108	26.11	2.62		
4.6	935	198.00	2.29			57	101	24.40	2.80		
5.5	786	166.43	2.73			66	87	21.09	3.24		
6.2	690	223.26	3.10	S 87	4	78	74	17.92	3.82		
7.0	612	198.00	3.50	SF 87	4	87	66	16.00	4.28		
8.4	515	166.43	4.16	SA 87	4	102	56	13.67	5.00		
3.8	1139	241.09	1.05	SAF87	4	31	162	45.00	0.99		
4.4	973	206.04	1.23			36	139	38.44	1.15		
4.8	892	188.89	1.34	S 77	6	39	130	36.00	1.23		
5.5	783	165.75	1.53	SF 77	6	46	109	30.33	1.40	S 47	4
5.8	745	241.09	1.60	SA 77	6	50	114	27.74	1.46	SF 47	4
6.7	637	206.04	1.87	SAF77	6	54	107	25.93	1.50	SA 47	4
7.4	584	188.89	2.04			62	92	22.41	1.73	SAF47	4
8.4	512	165.75	2.33			73	78	19.04	2.04		
8.8	486	157.08	2.46	S 77	4	82	70	17.00	2.28		
10	425	137.48	2.81	SF 77	4	96	60	14.52	2.67		
11	383	123.86	3.12	SA 77	4	102	56	13.60	2.85		
13	336	108.65	3.55	SAF77	4	121	47	11.46	3.39		
						74	78	18.85	1.09		
						84	68	16.48	1.25	S 37	4
						90	64	15.45	1.33	SF 37	4
						102	56	13.63	1.51	SA 37	4
						115	50	12.08	1.71	SAF37	4
						135	42	10.27	2.01		



输出转速 Output speed r/min	输出扭矩 Output torque Nm	传动比 Ratio i	使用系数 Service factor f _s	机 型 号 Type Type	极 数 Pole p	输出转速 Output speed r/min	输出扭矩 Output torque Nm	传动比 Ratio i	使用系数 Service factor f _s	机 型 号 Type Type	极 数 Pole p
1.1kW						1.1kW					
1.7	4328	824	0.87			20	351	70.04	0.80		
2.0	3750	714	1.00	S 97R57	4	21	328	66.89	0.86		
2.2	3288	626	1.14	SF 97R57	4	22	315	62.53	0.89		
2.6	2826	538	1.33	SA 97R57	4	26	284	54.05	0.99		
2.9	2542	484	1.48	SAF97R57	4	30	241	45.92	1.17		
3.3	2206	420	1.70			34	215	41.00	1.31		
						40	184	35.02	1.53	S 57	4
2.2	2547	624	0.84			43	181	32.80	1.56	SF 57	4
2.5	2512	558	0.85			46	172	30.12	1.64	SA 57	4
2.9	2341	485	0.92			54	157	26.11	1.80	SAF57	4
3.2	2285	435	0.94	S 87R57	4	57	146	24.40	1.93		
3.7	1985	378	1.08	SF 87R57	4	66	127	21.09	2.23		
4.3	1697	323	1.26	SA 87R57	4	78	108	17.92	2.62		
5.0	1476	281	1.45	SAF87R57	4	88	96	16.00	2.94		
5.5	1339	255	1.60			102	82	13.67	3.44		
6.3	1166	222	1.84			109	77	12.80	3.67		
6.8	1077	205	1.99			130	65	10.78	4.36		
				S 77R37	4	46	182	30.33	0.88		
6.4	1150	219	1.04	SF 77R37	4	50	167	27.74	0.96		
				SA 77R37	4	54	156	25.93	1.03	S 47	4
				SAF77R37	4	62	135	22.41	1.19	SF 47	4
						74	114	19.04	1.40	SA 47	4
3.0	2136	230.48	1.76	S 97	8	82	102	17.00	1.57	SAF47	4
3.3	1923	207.48	1.96	SF 97	8	96	87	14.52	1.84		
3.6	1742	187.89	2.16	SA 97	8	103	82	13.60	1.96		
				SAF97	8	122	69	11.46	2.33		
				S 97	6	1.5kW					
3.9	1596	230.48	2.36	SF 97	6	2.0	4484	714	0.84		
4.4	1437	207.48	2.62	SA 97	6	2.2	4383	626	0.86	S 97R57	4
4.8	1301	187.89	2.89	SAF97	6	2.6	3853	538	0.98	SF 97R57	4
						2.9	3467	484	1.08	SA 97R57	4
6.3	999	222.00	2.14			3.3	3008	420	1.25	SAF97R57	4
7.1	891	198.00	2.40	S 87	4	3.7	2693	376	1.40		
8.4	749	166.43	2.86	SF 87	4	4.3	2342	327	1.61		
9.2	689	152.95	3.11	SA 87	4	2.9	2707	485	0.79		
10.3	612	135.83	3.50	SAF87	4	3.2	2481	435	0.86	S 87R57	4
						3.7	2313	378	0.93	SF 87R57	4
5.8	1085	241.09	1.10			4.3	2225	323	0.96	SA 87R57	4
6.8	928	206.04	1.29	S 77	4	5.0	2013	281	1.06	SAF87R57	4
7.4	850	188.89	1.40	SF 77	4	5.5	1826	255	1.17		
8.4	746	165.75	1.60	SA 77	4	6.3	1590	222	1.35		
8.9	707	157.08	1.69	SAF77	4	6.8	1468	205	1.46		
10	619	137.48	1.93			3.0	2871	230.48	1.31	S 97	8
11	558	123.86	2.14			3.3	2584	207.48	1.45	SF 97	8
13	489	108.65	2.44			3.7	2340	187.89	1.61	SA 97	8
15	432	95.88	2.77			4.1	2076	166.62	1.81	SAF97	8
						4.0	2153	230.48	1.75	S 97	6
11	585	130.00	0.84			4.4	1938	207.48	1.94	SF 97	6
12	515	114.38	0.95	S 67	4	4.9	1755	187.89	2.14	SA 97	6
13	486	108.00	1.01	SF 67	4	5.5	1557	166.62	2.42	SAF97	6
15	414	91.96	1.18	SA 67	4	6.1	1415	230.48	2.66	S 97	4
17	376	83.57	1.30	SAF67	4	6.7	1274	207.48	2.95	SF 97	4
19	341	72.39	1.43			7.5	1154	187.89	3.26	SA 97	4
22	326	65.00	1.50							SAF97	4
23	284	63.00	1.63			4.1	2074	222.00	1.03	S 87	6
24	300	57.19	1.72			4.6	1850	198.00	1.16	SF 87	6
26	284	54.00	1.72			5.5	1555	166.43	1.38	SA 87	6
30	242	45.98	2.02			6.1	1429	152.95	1.50	SAF87	6
34	220	41.79	2.23								
39	190	36.20	2.57								
44	165	31.50	2.96								
53	139	26.40	3.53								



输出转速 Output speed r/min	输出扭矩 Output torque Nm	传动比 Ratio i	使用系数 Service factor f _s	机 型 号 Type Type	极 数 Pole p	输出转速 Output speed r/min	输出扭矩 Output torque Nm	传动比 Ratio i	使用系数 Service factor f _s	机 型 号 Type Type	极 数 Pole p
1.5kW						2.2kW					
6.3	1363	222.00	1.56	S 87 SF 87 SA 87 SAF87	4	3.4	4350	420	0.86	S 97R57	4
7.1	1216	198.00	1.76			3.8	3894	376	0.97	SF 97R57	4
8.4	1022	166.43	2.10			4.3	3387	327	1.11	SA 97R57	4
9.2	939	152.95	2.28			4.9	2972	287	1.26	SAF97R57	4
10	834	135.83	2.57			5.6	2610	252	1.44		
12	746	121.44	2.87	S 97 SF 97 SA 97 SAF97	6	4.1	3091	230.48	1.22	S 97	6
13	970	109.19	3.20			4.5	2782	207.48	1.35	SF 97	6
15	582	94.77	3.68			5.0	2520	187.89	1.49	SA 97	6
										SAF97	6
7.4	1160	188.89	1.03	S 77 SF 77 SA 77 SAF77	4	6.2	2046	230.48	1.84	S 97 SF 97 SA 97 SAF97	4
8.4	1018	165.75	1.17			6.8	1842	207.48	2.04		
8.9	964	157.08	1.24			7.6	1668	187.89	2.25		
10	844	137.48	1.41			8.5	1479	166.62	2.54		
11	760	123.86	1.57			9.4	1337	150.64	2.81		
13	667	108.65	1.79			11	1133	127.68	3.32		
15	589	95.88	2.03			13	990	111.52	3.80	S 87 SF 87 SA 87 SAF87	4
16	564	85.00	2.12			15	863	93.27	4.54		
18	522	78.78	2.29			17	828	83.31	4.36		
19	517	72.22	2.31								
22	454	63.38	2.63								
23	430	60.06	2.78	S 67 SF 67 SA 67 SAF67	4	6.4	1971	222.00	1.08	S 77 SF 77 SA 77 SAF77	4
27	377	52.57	3.17			7.2	1758	198.00	1.22		
30	339	47.36	3.52			8.5	1477	166.43	1.45		
34	298	41.54	4.01			9.3	1358	152.95	1.58		
						10	1206	135.83	1.78		
17	513	83.57	0.95			12	1078	121.44	1.99	S 87 SF 87 SA 87 SAF87	4
19	466	72.39	1.05			13	969	109.19	2.21		
22	444	65.00	1.10			15	841	94.77	2.55		
23	410	63.00	1.19			17	753	84.86	2.74		
24	387	57.19	1.26			19	733	75.63	2.84		
26	367	54.00	1.26	S 57 SF 57 SA 57 SAF57	4	20	700	70.40	3.06	S 77 SF 77 SA 77 SAF77	4
30	329	45.98	1.48			21	630	67.62	3.40		
34	299	41.79	1.63			23	625	60.80	3.43		
39	259	36.20	1.89			27	547	52.77	3.92		
44	226	31.50	2.17								
53	216	26.40	2.26			10	1220	137.48	0.98	S 67 SF 67 SA 67 SAF67	4
59	195	23.83	2.51			11	1100	123.86	1.09		
67	171	20.92	2.86			13	965	108.65	1.24		
71	162	19.80	3.02			15	851	95.88	1.40		
83	138	16.86	3.54			17	755	85.00	1.46		
91	125	15.32	3.90	S 47 SF 47 SA 47 SAF47	4	18	816	78.78	1.58	S 77 SF 77 SA 77 SAF77	4
106	109	13.27	4.50			20	748	72.22	1.60		
121	95	11.55	5.17			22	656	63.38	1.82		
						24	622	60.06	1.92		
43	247	32.80	1.20			27	544	52.57	2.19		
46	235	30.12	1.14			30	491	47.36	2.43	S 67 SF 67 SA 67 SAF67	4
54	214	26.11	1.32			34	430	41.54	2.78		
57	200	24.40	1.41			39	380	36.66	3.14		
66	173	21.09	1.63			44	337	32.50	3.55		
78	147	17.92	1.92			51	307	27.75	3.89		
88	131	16.00	2.15	S 47 SF 47 SA 47 SAF47	4	55	287	25.93	4.15	S 67 SF 67 SA 67 SAF67	4
102	112	13.67	2.52			62	269	22.75	4.43		
109	105	12.80	2.69			66	255	21.56	4.68		
130	88	10.78	3.20								
96	119	14.52	1.35			31	476	45.98	1.03	S 67 SF 67 SA 67 SAF67	4
103	111	13.60	1.44			34	433	41.79	1.13		
						39	375	36.20	1.30		
122	94	11.46	1.71			45	326	31.50	1.50		
						54	312	26.40	1.56		
				S 47 SF 47 SA 47 SAF47	4	60	282	23.83	1.73	S 67 SF 67 SA 67 SAF67	4
						68	248	20.97	1.97		
						72	234	19.80	2.09		
						84	200	16.86	2.45		
						93	181	15.32	2.70		
						107	157	13.27	3.11	S 67 SF 67 SA 67 SAF67	4
						123	137	11.55	3.58		



输出转速	输出扭矩	传动比	使用系数	机 型 号	极 数	输出转速	输出扭矩	传动比	使用系数	机 型 号	极 数						
Output speed	Output torque	Ratio	Service factor	Type	Pole	Output speed	Output torque	Ratio	Service factor	Type	Pole						
r/min	Nm	i	f _s	Type	p	r/min	Nm	i	f _s	Type	p						
2.2kW						3kW											
89	189	16.00	1.49	S 57	4	39	511	36.20	0.96								
104	162	13.67	1.74	SF 57	4	45	445	31.50	1.10								
111	152	12.80	1.86	SA 57	4	54	426	26.40	1.15	S 67	4						
132	128	10.78	2.21	SAF57	4	60	385	23.83	1.27	SF 67	4						
3kW						68	338	20.97	1.44	SA 67	4						
						72	320	19.80	1.53	SAF67	4						
						84	272	16.86	1.80								
						93	247	15.32	1.98								
						107	214	13.27	2.28								
4.9	4053	287	0.93	S 97R57	4	123	186	11.55	2.62								
				SF 97R57	4	4kW											
				SA 97R57	4												
				SAF97R57	4												
6.2	2790	230.48	1.35									104	221	13.67	1.28	S 57	4
6.8	2512	207.48	1.50									111	207	12.80	1.36	SF 57	4
7.6	2275	187.89	1.65			132	174	10.78	1.62	SA 57	4						
8.5	2017	166.62	1.86	S 97	4					SAF57	4						
9.4	1824	150.64	2.06	SF 97	4	4kW											
11	1546	127.68	2.43	SA 97	4												
13	1350	111.52	2.79	SAF97	4												
15	1129	93.27	3.20									6.2	3668	230.48	1.02		
17	1177	83.31	3.33									6.9	3302	207.48	1.14		
18	978	80.75	3.85									7.7	2991	187.89	1.26		
8.5												8.6	2652	166.62	1.42		
												9.6	2398	150.64	1.57	S 97	4
												11	2032	127.68	1.85	SF 97	4
												13	1775	111.52	2.12	SA 97	4
						15	1547	93.27	2.43	SAF97	4						
						17	1485	83.31	2.53								
						18	1399	80.75	2.93								
						19	1285	75.32	2.69								
						23	1185	63.84	3.17								
						26	1035	55.76	3.63								
8.5	2015	166.43	1.06			12	1933	121.44	1.11								
9.3	1852	152.95	1.16			13	1738	109.19	1.23								
10	1644	135.83	1.30			15	1508	94.77	1.42								
12	1470	121.44	1.46			17	1404	84.86	1.53								
13	1322	109.19	1.62			19	1351	75.63	1.59								
15	1147	94.77	1.87			20	1256	70.40	1.71								
17	1027	84.86	2.01	S 87	4	21	1129	67.62	1.90								
19	1068	75.63	2.09	SF 87	4	24	1121	60.80	1.91	S 87	4						
20	955	70.40	2.24	SA 87	4	27	980	52.77	2.19	SF 87	4						
21	859	67.62	2.50	SAF87	4	30	915	47.25	2.34	SA 87	4						
23	852	60.80	2.51			33	877	43.13	2.44	SAF87	4						
27	745	52.77	2.88			37	812	39.20	2.64								
30	696	47.25	3.08			38	728	38.25	2.94								
33	667	43.13	3.21			42	682	34.09	3.14								
36	617	39.20	3.47			45	633	32.15	3.39								
37	554	38.25	3.87			49	627	29.55	3.42								
42	481	34.09	4.45			55	557	26.24	3.85								
17						61	498	23.46	4.30								
						24	1115	60.06	1.07								
						27	976	52.57	1.22								
						30	879	47.36	1.36								
						35	771	41.54	1.55								
						39	681	36.66	1.75								
						44	604	32.50	1.98	S 77	4						
						52	550	27.75	2.17	SF 77	4						
						56	515	25.93	2.32	SA 77	4						
						63	483	22.75	2.47	SAF77	4						
17	1029	78.78	1.16			67	458	21.56	2.61								
20	1020	72.22	1.17			76	400	18.87	2.98								
22	895	63.38	1.33			85	361	17.00	3.31								
24	848	60.06	1.41			97	316	14.91	3.77								
27	742	52.57	1.61			109	279	13.16	4.28								
30	669	47.36	1.79			123	248	11.67	4.82								
34	587	41.54	2.04	S 77	4	145	211	9.96	5.65								
39	518	36.66	2.31	SF 77	4												
44	459	32.50	2.60	SA 77	4												
51	419	27.75	2.85	SAF77	4												
55	392	25.93	3.05														
62	367	22.75	3.25														
66	348	21.56	3.43														
75	305	18.87	3.92														
84	274	17.00	4.35														
95	241	14.91	4.96														
108	212	13.16	5.62														
122	188	11.67	6.34														
143	161	9.96	7.43														



输出转速 Output speed r/min	输出扭矩 Output torque Nm	传动比 Ratio i	使用系数 Service factor f _s	机 型 号 Type Type	极 数 Pole p	输出转速 Output speed r/min	输出扭矩 Output torque Nm	传动比 Ratio i	使用系数 Service factor f _s	机 型 号 Type Type	极 数 Pole p
4kW						7.5kW					
73	420	19.80	1.16	S 67	4	13	3304	111.52	1.14		
85	358	16.86	1.37	SF 67	4	16	2880	93.27	1.31		
94	325	15.32	1.50	SA 67	4	17	2764	83.31	1.36		
109	282	13.27	1.74	SAF67	4	18	2604	80.75	1.44		
125	245	11.55	1.99			19	2393	75.32	1.57		
5.5kW						23	2207	63.84	1.70	S 97	4
8.6	3647	166.62	1.03			26	1928	55.76	1.95	SF 97	4
9.6	3297	150.64	1.14			31	1612	46.64	2.33	SA 97	4
11	2794	127.68	1.35			36	1438	40.38	2.62	SAF97	4
13	2441	111.52	1.54			40	1396	36.39	2.69		
15	2127	93.27	1.77	S 97	4	45	1294	32.76	2.91		
17	2041	83.31	1.84	SF 97	4	49	1172	29.67	3.21		
18	1923	80.75	1.96	SA 97	4	55	1039	26.31	3.62		
19	1767	75.32	2.13	SAF97	4	61	940	23.79	4.00		
23	1630	63.84	2.31			72	796	20.16	4.72		
26	1424	55.76	2.64			31	1704	47.25	1.26		
31	1191	46.64	3.16			34	1633	43.13	1.31		
36	1031	40.38	3.65			37	1511	39.20	1.42		
						38	1355	38.25	1.58		
17	1931	84.86	1.11			43	1270	34.09	1.69		
19	1857	75.63	1.15			45	1178	32.15	1.82	S 87	4
20	1727	70.40	1.24			49	1167	29.55	1.84	SF 87	4
21	1552	67.62	1.38			56	1037	26.24	2.07	SA 87	4
24	1541	60.80	1.39			62	927	23.46	2.31	SAF87	4
27	1347	52.77	1.59			69	833	21.09	2.57		
30	1259	47.25	1.70			80	723	18.31	2.96		
33	1206	43.13	1.78	S 87	4	89	648	16.39	3.31		
37	1116	39.20	1.92	SF 87	4	107	537	13.60	3.99		
38	1001	38.25	2.14	SA 87	4	123	467	11.83	4.59		
42	938	34.09	2.28	SAF87	4	53	1024	27.75	1.17		
45	870	32.15	2.46			56	959	25.93	1.24		
49	862	29.55	2.49			64	899	22.75	1.33	S 77	4
55	766	26.24	2.80			68	852	21.56	1.40	SF 77	4
61	685	23.46	3.13			77	746	18.87	1.60	SA 77	4
68	615	21.09	3.48			86	672	17.00	1.78	SAF77	4
79	534	18.31	4.01			98	589	14.91	2.03		
88	478	16.39	4.48			111	520	13.16	2.30		
106	397	13.60	5.40			125	461	11.67	2.59		
122	345	11.83	6.21			147	394	9.96	3.03		
						11kW					
35	1061	41.54	1.13			26	2808	55.76	1.34		
39	936	36.66	1.28			31	2349	46.64	1.60		
44	830	32.50	1.44			36	2095	40.38	1.80		
52	757	27.75	1.58			40	2034	36.39	1.85		
56	709	25.93	1.69	S 77	4	45	1886	32.76	1.99		
63	664	22.75	1.80	SF 77	4	49	1708	29.67	2.20	S 97	4
67	629	21.56	1.90	SA 77	4	55	1514	26.31	2.48	SF 97	4
76	551	18.87	2.17	SAF77	4	61	1369	23.79	2.75	SA 97	4
85	496	17.00	2.41			72	1160	20.16	3.24	SAF97	4
97	435	14.91	2.74			83	1014	17.61	3.71		
109	384	13.16	3.11			99	848	14.73	4.43		
123	341	11.67	3.51			115	734	12.75	5.12		
145	291	9.96	4.11			56	1510	26.24	1.42		
						62	1350	23.46	1.59	S 87	4
94	447	15.32	1.09	S 67	4	69	1214	21.09	1.77	SF 87	4
109	387	13.27	1.26	SF 67	4	80	1054	18.31	2.03	SA 87	4
125	337	11.55	1.45	SA 67	4	89	943	16.39	2.27	SAF87	4
				SAF67	4	107	783	13.60	2.74		
						123	681	11.83	3.15		



选型参数表
Selection Table



输出转速	输出扭矩	传动比	使用系数	机 型 号	极 数	输出转速	输出扭矩	传动比	使用系数	机 型 号	极 数
Output speed	Output torque	Ratio	Service factor	Type	Pole	Output speed	Output torque	Ratio	Service factor	Type	Pole
r/min	Nm	i	f_s	Type	p	r/min	Nm	i	f_s	Type	p
15kW											
31	3203	46.64	1.17								
36	2856	40.38	1.32								
40	2773	36.39	1.36								
45	2571	32.76	1.46	S 97	4						
49	2329	29.67	1.61	SF 97	4						
55	2065	26.31	1.82	SA 97	4						
61	1867	23.79	2.01	SAF97	4						
72	1582	20.16	2.38								
83	1382	17.61	2.72								
99	1156	14.73	3.25								
115	1001	12.75	3.76								
89	1287	16.39	1.67	S 87	4						
107	1068	13.60	2.01	SF 87	4						
123	929	11.83	2.31	SA 87	4						
				SAF87	4						
18.5kW											
40	3499	36.39	1.07								
45	3150	32.76	1.19								
50	2853	29.67	1.32	S 97	4						
56	2530	26.31	1.49	SF 97	4						
62	2287	23.79	1.64	SA 97	4						
73	1938	20.16	1.94	SAF97	4						
83	1693	17.61	2.22								
100	1416	14.73	2.65								
115	1226	12.75	3.07								
22kW											
56	3008	26.31	1.25								
62	2720	23.79	1.38	S 97	4						
73	2305	20.16	1.63	SF 97	4						
83	2014	17.61	1.87	SA 97	4						
100	1684	14.73	2.23	SAF97	4						
115	1458	12.75	2.58								

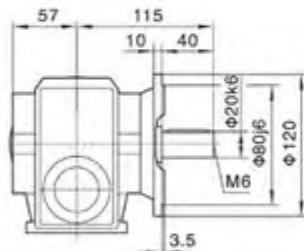
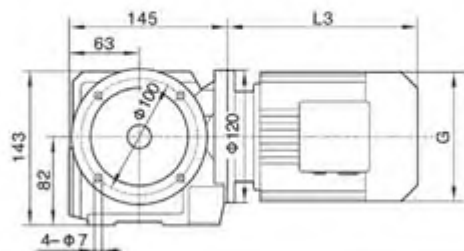


Mamax Permissible torque Nm	输出转速 Output speed r/min	传动比 Ratio i	机 型 号 Type Type	功率 Power kW/4p	Mamax Permissible torque Nm	输出转速 Output speed r/min	传动比 Ratio i	机 型 号 Type Type	功率 Power kW/4p
90	7.8	179	S 37R17 SF 37R17 SA 37R17 SAF37R17	0.18	2280	0.24	5875	S 87R57 SF 87R57 SA 87R57 SAF87R57	0.18
	8.8	158				0.27	5187		
	9.7	144				0.30	4606		
	12	118		0.36		3872	0.25		
13	110	0.40	3475						
170	3.6	388	S 47R17 SF 47R17 SA 47R17 SAF47R17	0.18		0.48			2905
	4.1	336				0.54	2586		0.37
	4.7	294				0.60	2335		
	5.4	257		0.25		0.68	2054		
	6.1	229				0.76	1824		
	7.0	200				0.85	1631		0.55
	7.4	187				1.0	1332		
8.4	165	1.2	1191						
300	2.4	574	S 57R17 SF 57R17 SA 57R17 SAF57R17	0.18		1.3	1032	S 87R57 SF 87R57 SA 87R57 SAF87R57	0.75
	2.7	506				1.5	930		
	3.2	438				1.7	831		
	3.6	388				1.9	719		
	4.1	336		0.25		2.2	624		
	4.7	294				2.5	558		
	5.2	269				2.9	485		1.5
	6.1	229		0.37		3.2	435		
	6.8	204				3.7	378		
	7.4	187				4.4	323		2.2
	8.4	165		0.55		5.1	281		
	520	1.3		1045	S 67R37 SF 67R37 SA 67R37 SAF67R37	0.18	0.16		8608
1.5		914	0.18	7554					
1.7		809	0.21	6640					
2.0		712	0.24	5780					
2.3		615	0.25	0.28		4937	0.25		
2.6		543		0.31		4444			
3.0		469		0.35		4017			
3.3		424	0.37	0.40		3453	0.37		
3.8		365		0.45		3108			
4.4		319		0.52		2654			
4.9		281	0.55	0.60		2329			
5.7		246		0.67		2081	0.55		
6.3		221		0.75		1860			
7.0		198	0.88	1574					
1270	0.45	3098	S 77R37 SF 77R37 SA 77R37 SAF77R37	0.18	4000	1.0	1394	1.1	
	0.67	2083				1.1	1223		
	0.77	1813				1.3	1070		1.5
	0.80	1745				1.5	928		
	0.87	1600				1.7	824		
	1.0	1404		0.25		2.0	714	2.2	
	1.1	1245				2.2	626		
	1.3	1100				2.6	538		
	1.5	954				2.9	484	3	
	1.7	837		0.37		3.4	420		
	1.9	714				3.8	376		
	2.2	637				4.3	327	4	
	2.4	574				4.9	287		
	2.8	499		5.7		252			
	3.2	438		6.6		219			
	3.6	389		0.75					
	4.3	327							
	4.8	289							
	5.6	250							
	6.4	219		1.1					

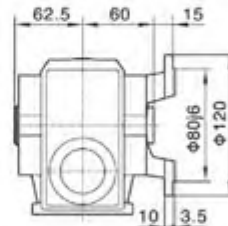
表上所配功率均有超载,按实际条件确定的转矩不得大于减速机额定转矩。The power are all overload in the table.The decided torque according to operating condition should not more than gear units' nominal torque.



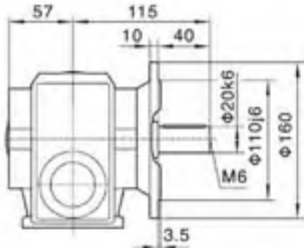
SF37/Φ120



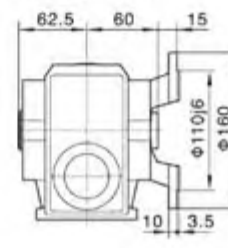
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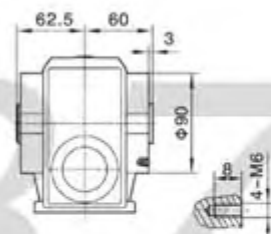
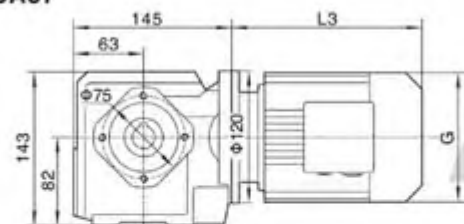
SF37/Φ160



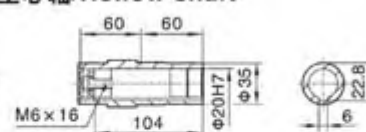
SAF37/Φ160



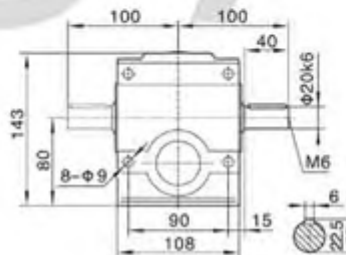
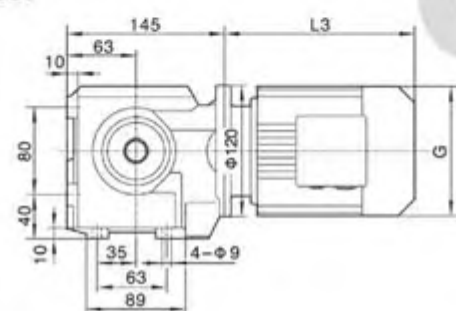
SA37



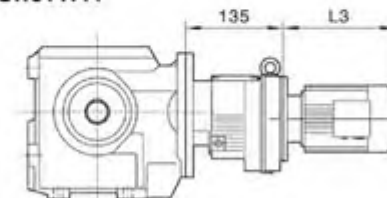
SAF37/SA37/SAZ37
空心轴/Hollow shaft



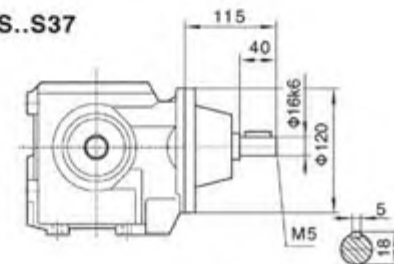
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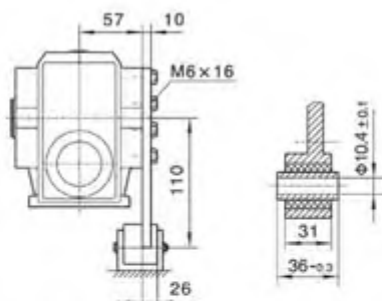
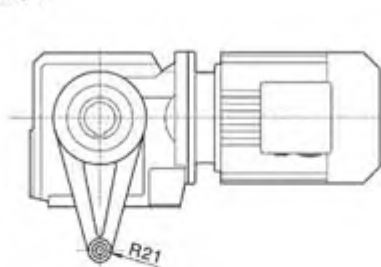
S..37R17



S..S37



SAT37

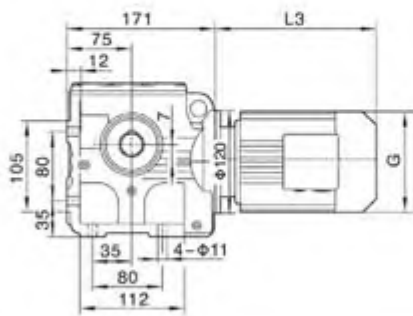


注: 其余尺寸见相对应结构形式
Note: For other values please refer to the
opposite structure.

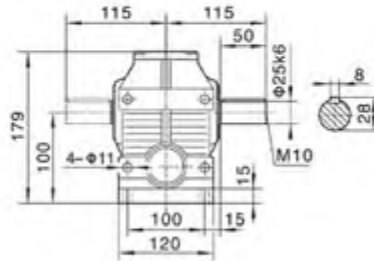
Y ₂ 电机座号 Motor size	63	71	80		
功率/kW Power/kW	0.18	0.25 0.37	0.55 0.75		
L3	235	245	278		
G	130	145	175		
L2	71	71	71		

注: 1. SA, SF, SAF, SAZ壳体为通用件, 安装尺寸均可相互参照. 2. "S.."表示 S, SA, SF, SAF, SAZ

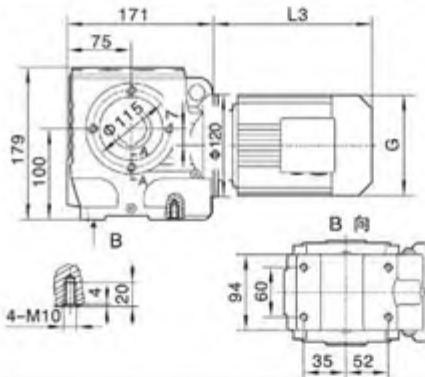
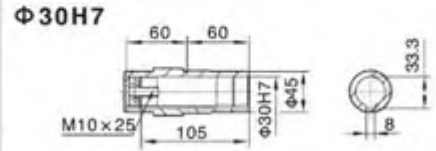
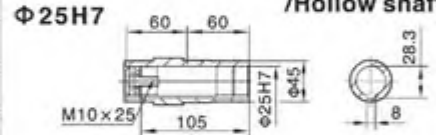
Note: 1. The housings of SA, SF, SAF, SAZ are common parts. The mounting dimensions may consult each other. 2. "S.."mean S, SA, SF, SAF, SAZ



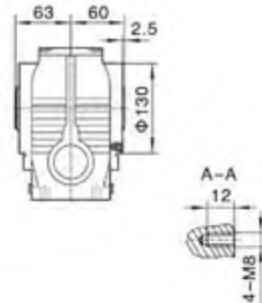
S47



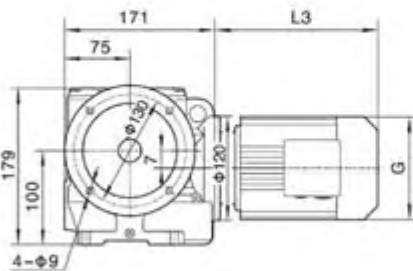
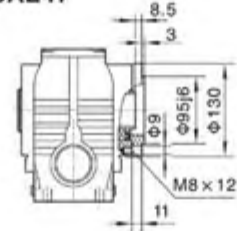
SA47/SAZ47/SAF47空心轴
/Hollow shaft



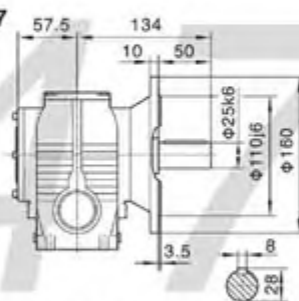
SA47



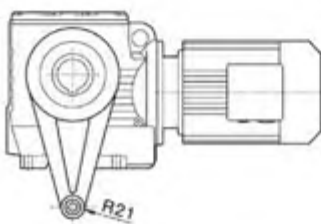
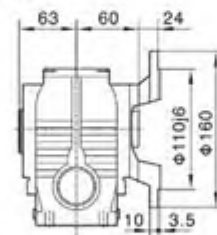
SAZ47



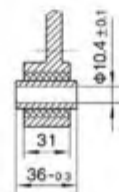
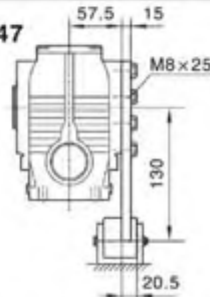
SF47



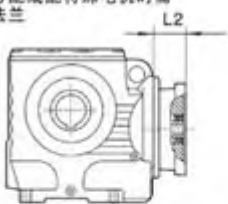
SAF47



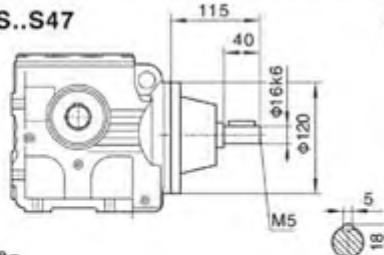
SAT47



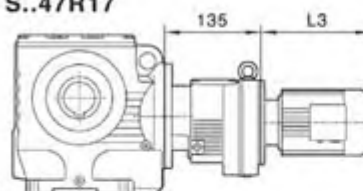
电机需方配或配特殊电机时需
加联接法兰



S..S47



S..47R17



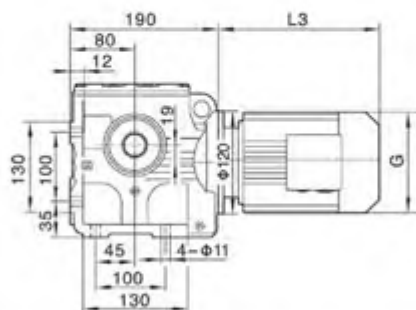
注: 其余尺寸见
相对应结构
形式
Note: For other
values please
refer to the o-
pposited stru-
cture.

When equipping the user's motor or the spe-
cial one, the flange is required to connected.

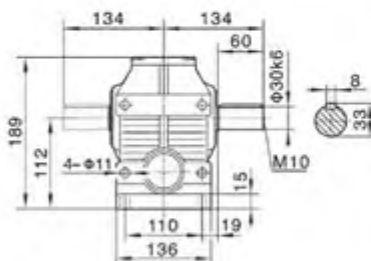
Y2电机机座号 Motor size	63	71	80	90S	90L			
功率/4P Power/(kW)	0.18	0.25 0.37	0.55 0.75	1.1	1.5			
L3	235	245	278	304	328			
G	130	145	175	195	195			
L2	71	71	71	71	71			

注: 1.SA, SF, SAF, SAZ壳体为通用件, 安装尺寸均可相互参照. 2."S.."表示S, SA, SF, SAF, SAZ

Note: 1.The housings of SA, SF, SAF, SAZ are common parts. The mounting dimensions may consult each other. 2."S.."mean S, SA, SF, SAF, SAZ

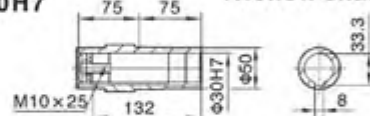


S57

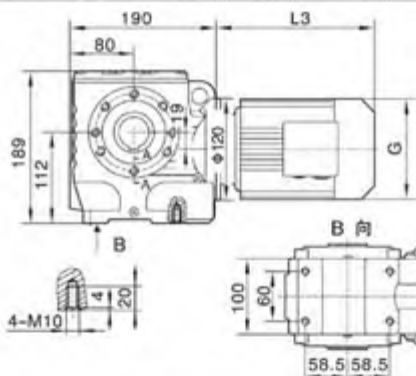
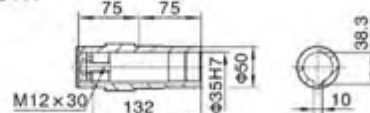


SA57/SAZ57/SAF57空心轴
/Hollow shaft

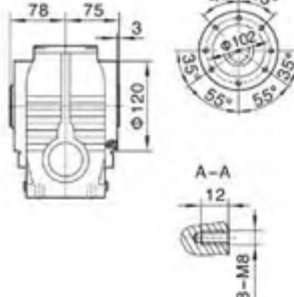
Φ30H7



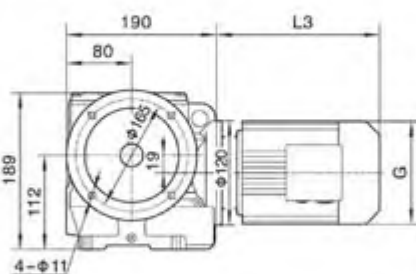
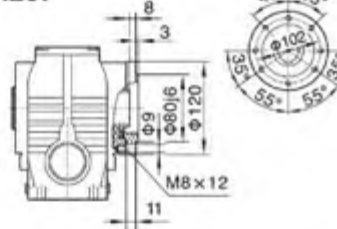
Φ35H7



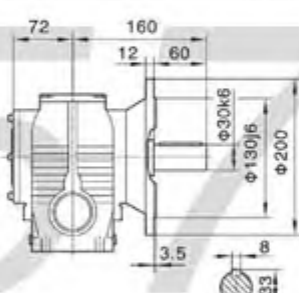
SA57



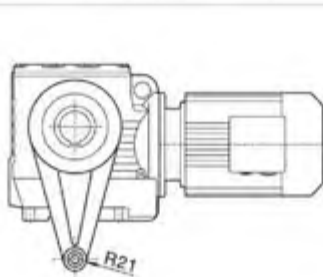
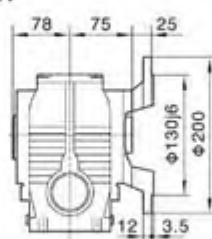
SAZ57



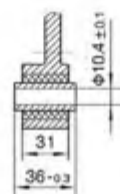
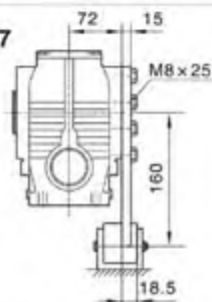
SF57



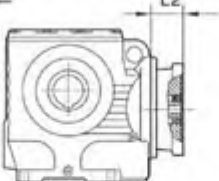
SAF57



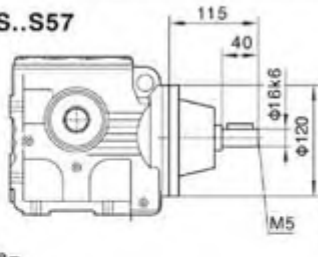
SAT57



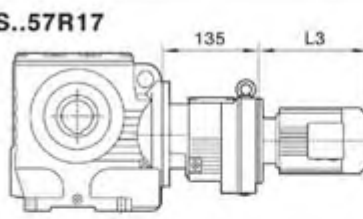
电机需方配或配特殊电机时需
加联接法兰



S..S57



S..57R17



注: 其余尺寸见
相对应结构
形式
Note: For other
values please
refer to the o-
pposited stru-
cture.

When equipping the user's motor or the spe-
cial one, the flange is required to connected.

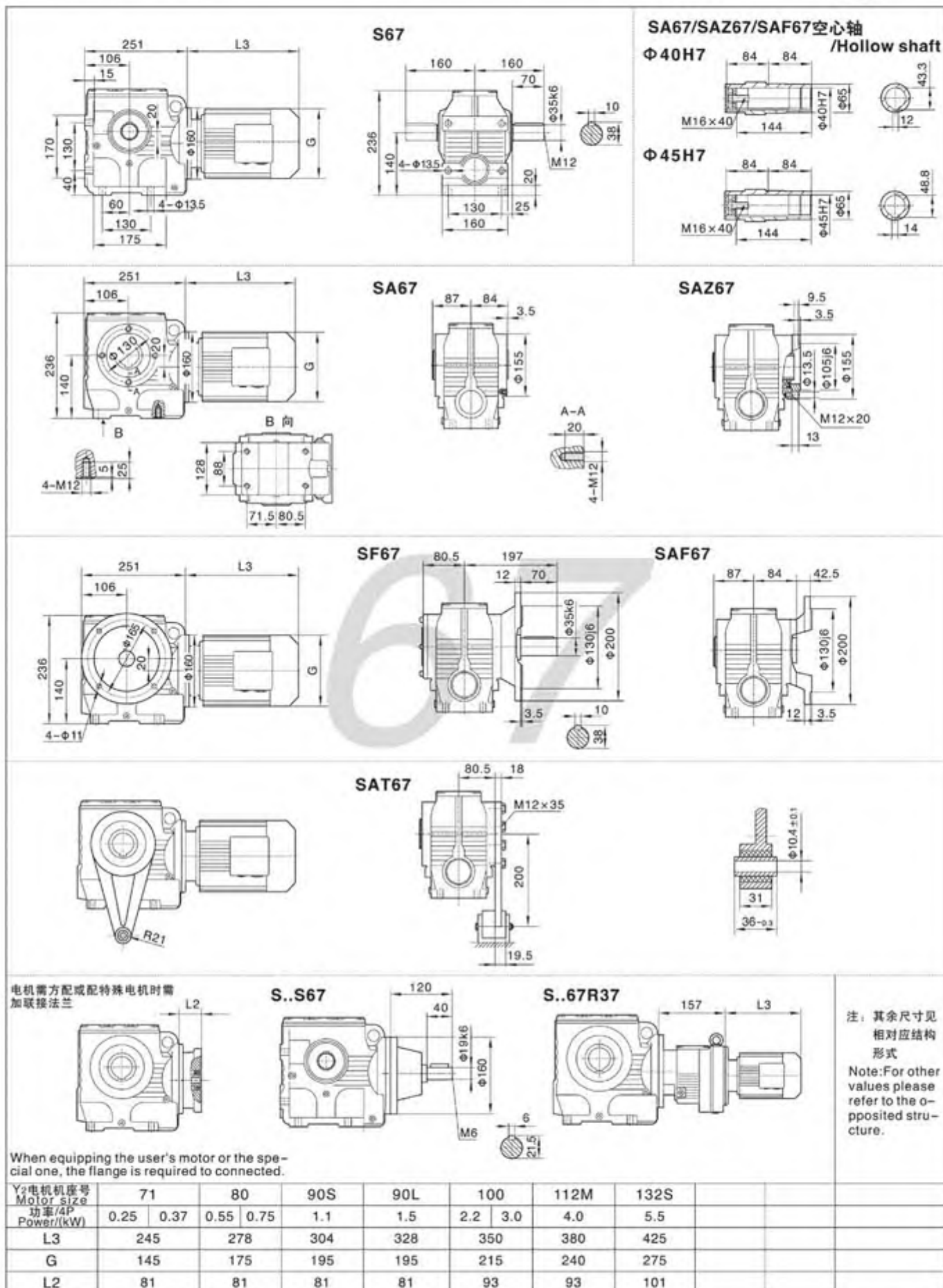
Y2电机机座号 Motor size	63	71	80	90S	90L	100			
功率/4P Power/(kW)	0.18	0.37	0.55	0.75	1.1	1.5	2.2	3.0	
L3	235	245	278	304	328	340			
G	130	145	175	195	195	215			
L2	71	71	71	71	71	93			

注: 1. SA, SF, SAF, SAZ壳体为通用件, 安装尺寸均可相互参照. 2. "S.."表示 S, SA, SF, SAF, SAZ

Note: 1. The housings of SA, SF, SAF, SAZ are common parts. The mounting dimensions may consult each other. 2. "S.."mean S, SA, SF, SAF, SAZ

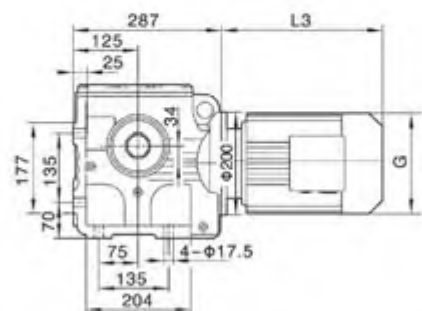


S

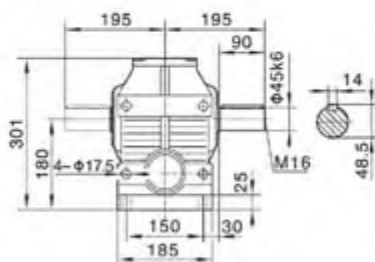




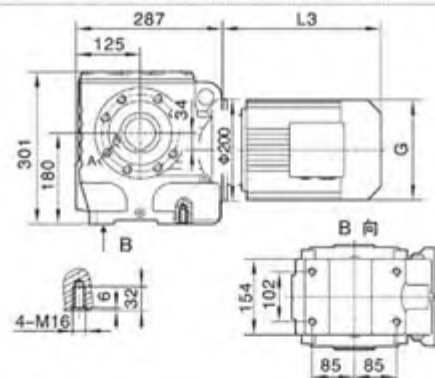
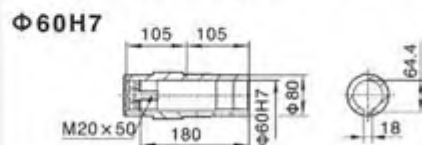
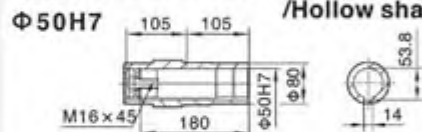
外形安装尺寸 Mounting Dimensions Sheets-over view



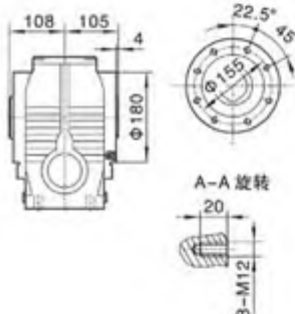
S77



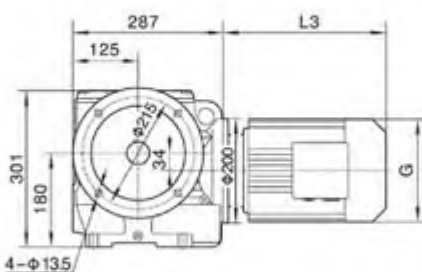
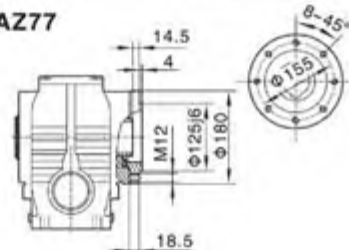
SA77/SAZ77/SAF77空心轴
/Hollow shaft



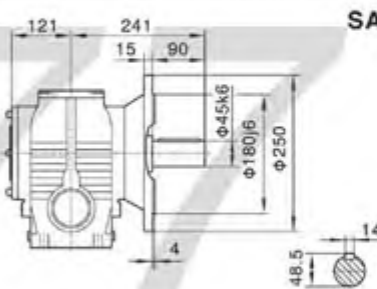
SA77



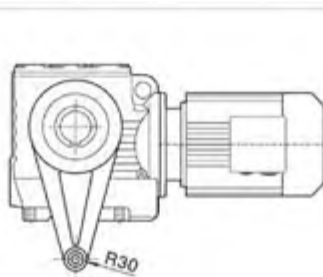
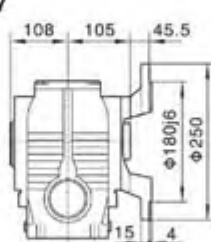
SAZ77



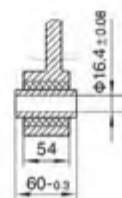
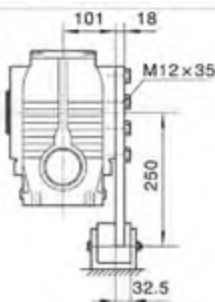
SF77



SAF77



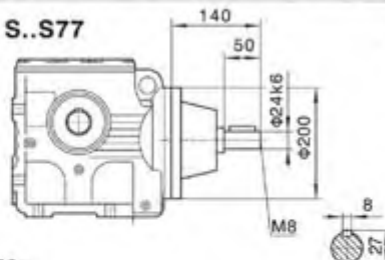
SAT77



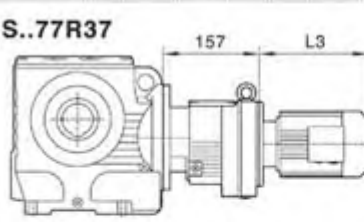
电机需方配或配特殊电机时需
加联接法兰



S..S77



S..77R37



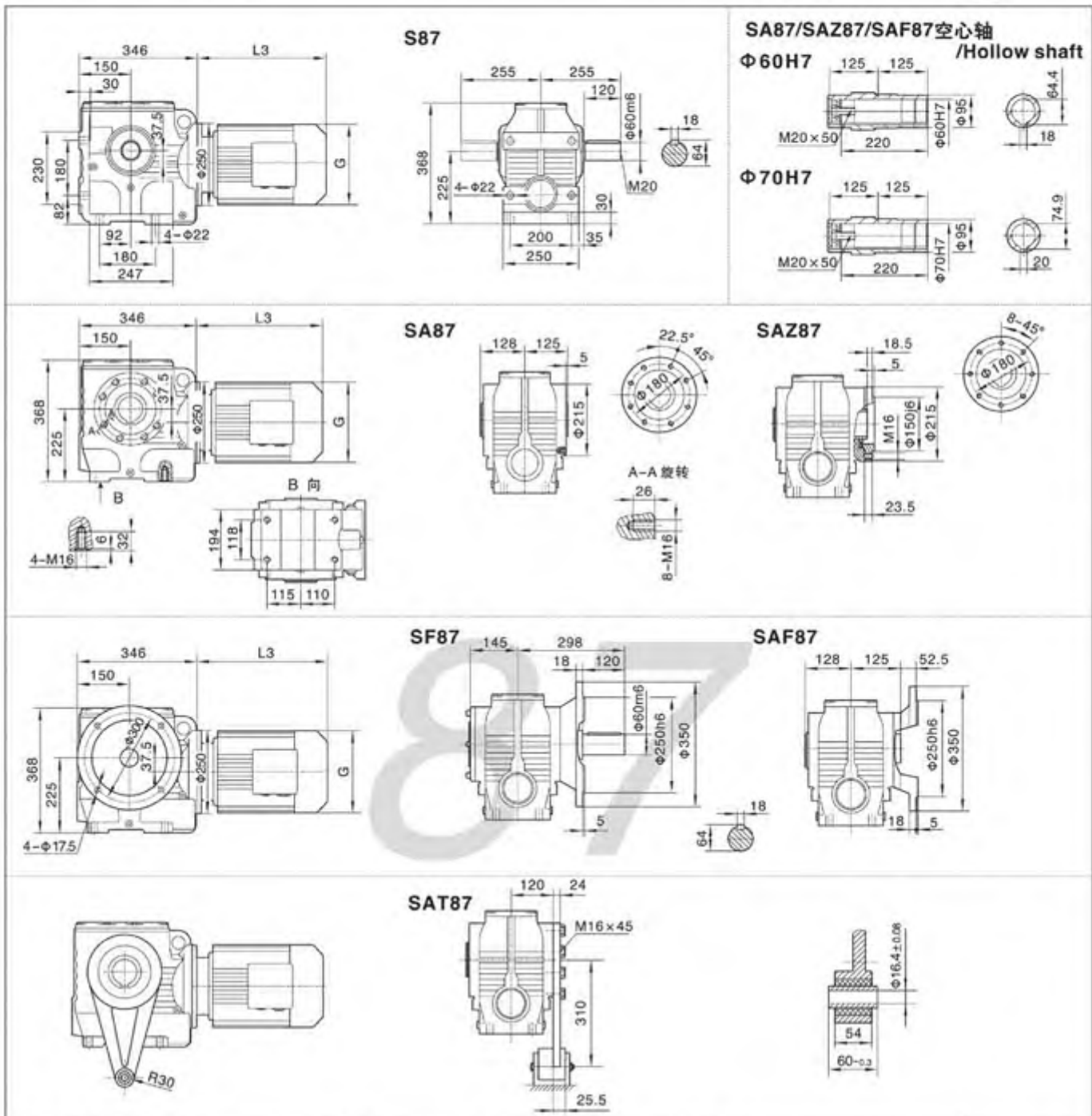
注: 其余尺寸见
相对应结构
形式
Note: For other
values please
refer to the o-
pposited stru-
cture.

When equipping the user's motor or the spe-
cial one, the flange is required to be connected.

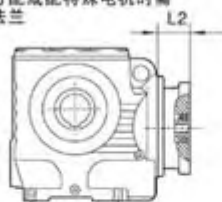
Y2电机型号 Motor size	80	90S	90L	100	112M	132S	132M		
功率/kW Power/(kW)	0.55 0.75	1.1	1.5	2.2 3.0	4.0	5.5	7.5		
L3	278	304	328	350	380	425	461		
G	175	195	195	215	240	275	275		
L2	81	81	81	93	93	101	101		

注: 1. SA, SF, SAF, SAZ壳体为通用件, 安装尺寸均可相互参照. 2. "S.."表示S, SA, SF, SAF, SAZ

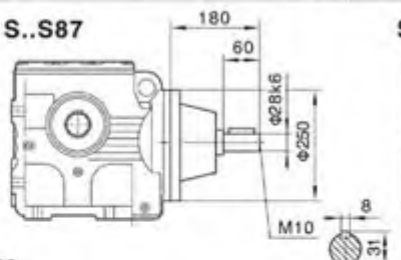
Note: 1. The housings of SA, SF, SAF, SAZ are common parts. The mounting dimensions may consult each other. 2. "S.."mean S, SA, SF, SAF, SAZ



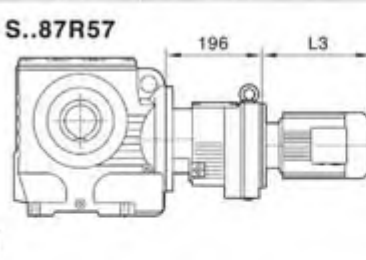
电机需方配或配特殊电机时需
加联接法兰



S..S87



S..87R57



注：其余尺寸见
相对应结构
形式
Note:For other
values please
refer to the o-
pposited stru-
cture.

When equipping the user's motor or the spe-
cial one, the flange is required to be connected.

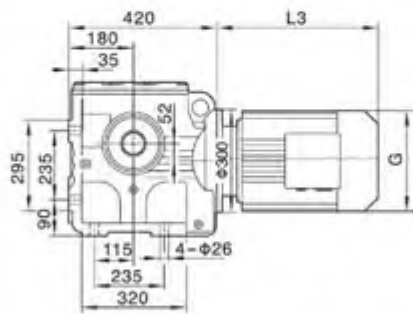
Y2电机机座号 Motor size	80	90S	90L	100	112M	132S	132M	160M	160L
功率/4P Power/(kW)	0.75	1.1	1.5	2.2 3.0	4.0	5.5	7.5	11	15
L3	246	280	304	350	380	425	461	524	547
G	175	195	195	215	240	275	275	330	330
L2	86	86	86	71	71	101	101	126	126

注:1.SA、SF、SAF、SAZ壳体为通用件,安装尺寸均可相互参照。2."S.."表示S、SA、SF、SAF、SAZ

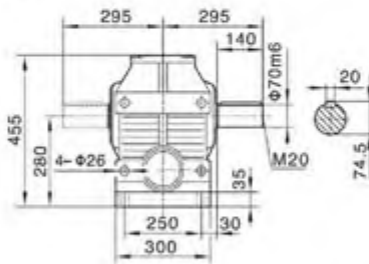
Note:1.The housings of SA、SF、SAF、SAZ are common parts.The mounting dimensions may consult each other. 2."S.."mean S、SA、SF、SAF、SAZ



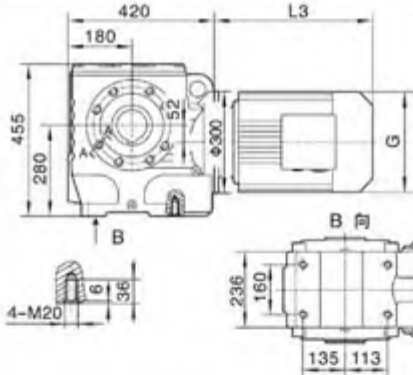
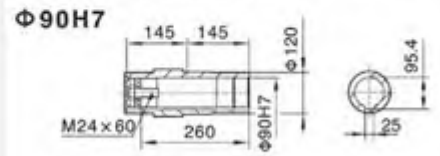
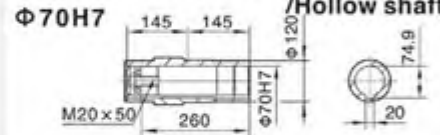
外形安装尺寸 Mounting Dimension Sheets-over view



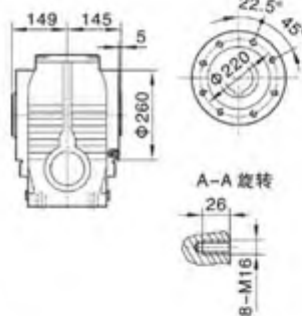
S97



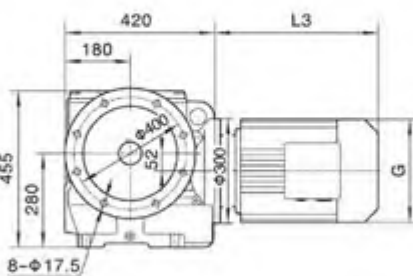
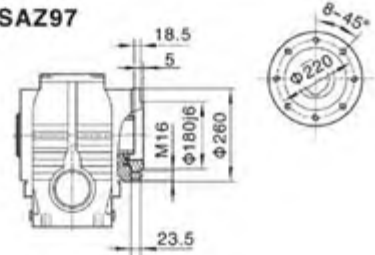
SA97/SAZ97/SAF97空心轴
/Hollow shaft



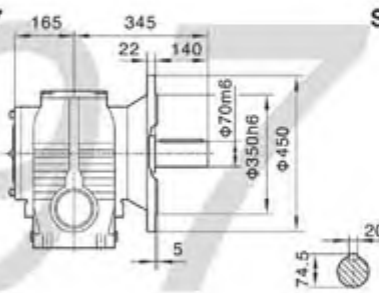
SA97



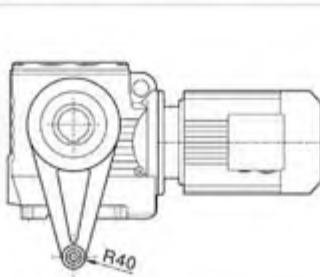
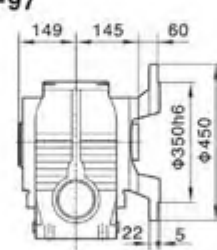
SAZ97



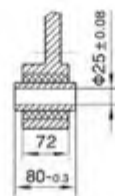
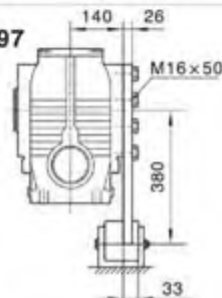
SF97



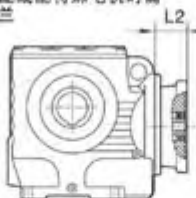
SAF97



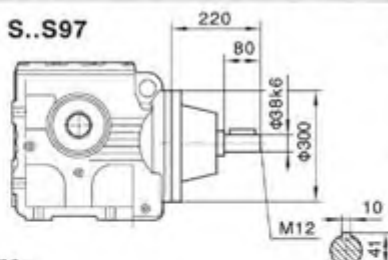
SAT97



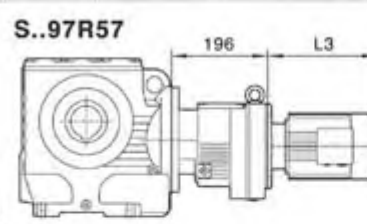
电机需方配或配特殊电机时需
加联接法兰



S..S97



S..97R57



注: 其余尺寸见
相对应结构
形式
Note: For other
values please
refer to the o-
pposited stru-
cture.

When equipping the user's motor or the spe-
cial one, the flange is required to be connected.

Y2电机机座号 Motor size	90L	100	112M	132S	132M	160M	160L	180M	180L
功率/4P Power/(kW)	1.5	2.2 3.0	4.0	5.5	7.5	11	15	18.5	22
L3	304	315	334	425	461	524	547	555	588
G	195	215	240	275	275	330	330	380	380
L2	86	86	86	101	101	126	126	126	126

注: 1. SA, SF, SAF, SAZ壳体为通用件, 安装尺寸均可相互参照. 2. "S.."表示S, SA, SF, SAF, SAZ

Note: 1. The housings of SA, SF, SAF, SAZ are common parts. The mounting dimensions may consult each other. 2. "S.."mean S, SA, SF, SAF, SAZ