性 能 特 点
Performance characteristics

- 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。
- 减速器效率高达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 grounding, 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$f_1 \times f_2 \times f_3 \times f_4 \leqslant f_B$。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 $T_N \geqslant T_2 \times f_1 \times f_2 \times f_3 \times f_4$

  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 sarting 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 equale to the service factor fb of selection table,viz $f_1 \times f_2 \times f_3 \times f_4 \leqslant f_B$.the needed torque of service machine multiply the service factor ($f_1 \times f_2 \times f_3$) should less than or equale to gear units' permissible torque.

  Viz $T_N \geqslant T_2 \times f_1 \times f_2 \times f_3 \times f_4$

  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

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载 荷 类 型 表

表1 工 作 机 系 数 f_1

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
	搂集设备	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	输送机械	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		刮板式输送机	-	1.2	1.5
	倾卸装置	-	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	起重机械	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
弯板机*		-	1.0	1.0		行走机构	2.5	3.0	3.0
化学工业	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	冷却塔风扇	-	-	2.0
	冷却圆筒	-	1.3	1.4		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	蔗糖生产	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	甜菜糖生产	甜菜绞碎机	-	-	1.2
	搅拌机,用于非均匀介质	1.2	1.4	1.6		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	造纸机械	各种类型**	-	1.8	2.0
金属加工设备	翻板机	1.0	1.0	1.2		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	混凝土搅拌器	-	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P_2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 / $f_1 \times f_2$ / 每小时起动次数	1	1.25~1.75	2~2.75	≥3
≤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

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Gear Units Service Factor

Table 1 Factor for driven machine f_1

Driven machines		Effective daily operating period under load in hours		
		≤0.5h	0.5-10h	>10h
Waste water treatment	Thickeners(central drive)	-	-	1.2
	Filter presses	1.0	1.3	1.5
	Flocculation apparata	0.8	1.0	1.3
	Aerators	-	1.8	2.0
	Raking equipment	1.0	1.2	1.3
	Combined longitudinal and rotary rakes	1.0	1.3	1.5
	Pre-thickeners	-	1.1	1.3
	Screw pumps	-	1.3	1.5
	Water turbines	-	-	2.0
	Centrifugal pumps	1.0	1.2	1.3
	1piston positive-displacement pumps	1.3	1.4	1.8
	>1piston positive-displacement pumps	1.2	1.4	1.5
Dredgers	Bucket conveyors	-	1.6	1.6
	Dumping devices	-	1.3	1.5
	Carterpillar travelling gears	1.2	1.6	1.8
	Bucket wheel excavators as pick-up	-	1.7	1.7
	Bucket wheel excavators for primitive material	-	2.2	2.2
	Cutter heads	-	2.2	2.2
	Traversing gears *		1.4	1.8
Plate bending machines *		-	1.0	1.0
Chemical industry	Extruders	-	-	1.6
	Dough mills	-	1.8	1.8
	Rubber calenders	-	1.5	1.5
	Cooling drums	-	1.3	1.4
	Mixers for uniform media	1.0	1.3	1.4
	Mixers for non-uniform media	1.4	1.6	1.7
	Agitators for media with uniform density	1.0	1.3	1.5
	Agitators for media with non-uniform density	1.2	1.4	1.6
	Agitators for media with non-uniform gas absorption	1.4	1.6	1.8
	Toasters	1.0	1.3	1.5
	Centrifuges	1.0	1.2	1.3
Metal working mills	Plate tilters	1.0	1.0	1.2
	Ingot pushers	1.0	1.2	1.2
	Winding machines	-	1.6	1.6
	Cooling bed transfer frames	-	1.5	1.5
	Roller straighteners	-	1.6	1.6
	Roller tables continuous	-	1.5	1.5
	Roller tables intermittent	-	2.0	2.0
	Roller tables Reversing tube mills	-	1.8	1.8
	Shears continuous *	-	1.5	1.5
	Shears crank type *	1.0	1.0	1.0
	Continuous casting drivers	-	1.4	1.4
	Reversing blooming mills	-	2.5	2.5

Driven machines		Effective daily operating period under load in hours		
		≤0.5h	0.5-10h	>10h
Metal working mills	Reversing slabbing mills	-	2.5	2.5
	Reversing wire mills	-	1.8	1.8
	Reversing sheet mills	-	2.0	2.0
	Reversing plate mills	-	1.8	1.8
	Roll adjustment drives	0.9	1.0	-
Conveyors	Bucket conveyors	-	1.2	1.5
	Hauling winches	1.4	1.6	1.6
	Hoists		1.5	1.8
	Belt conveyors <150 kw	1.0	1.2	1.3
	Belt conveyors ≥150 kw	1.1	1.3	1.5
	Goods lifts *	-	1.2	1.5
	Passenger lifts *		1.5	1.8
	Apron conveyors	-	1.2	1.5
	Escalators		1.2	1.4
	Rail travelling gears	-	1.5	-
Frequency converters		-	1.8	2.0
Reciprocating compressors		-	1.8	1.9
Cranes	Slewing gears	2.5	2.5	3.0
	Luffing gears	2.5	2.5	3.0
	Travelling gears	2.5	3.0	3.0
	Hoisting gears	2.5	2.5	3.0
	Derricking jib cranes	2.5	2.5	3.0
Cooling towers	Cooling tower fans	-	-	2.0
	Blowers(axial and radial)	-	1.4	1.5
Cane sugar production	Cane knives *	-	-	1.7
	Cane mills	-	-	1.7
Beet sugar production	Beet cossettes macerators	-	-	1.2
	Extraction plants,Mechanical refrigerators,Juice boilers,	-	-	1.4
	Sugar beet washing machines	-	-	1.5
	Sugar beet cutters	-	-	1.5
Paper machines	Of all-kind **	-	1.8	2.0
	Pulper drives	2.0	2.0	2.0
Centrifugal compressors		-	1.4	1.5
Cableways	Material ropeways	-	1.3	1.4
	To-and fro system aerial ropeways	-	1.6	1.8
	T-bar lifts	-	1.3	1.4
	Continuous ropeways	-	1.4	1.6
Cement industry	Concrete mixers	-	1.5	1.5
	Breakers *	-	1.2	1.4
	Rotary kilns	-	-	2.0
	Tube mills	-	-	2.0
	Separators	-	1.6	1.6
	Roll crushers	-	-	2.0

Design for power rating of driven machine P_2 *)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(℃)	20	30	40	50
f_4	1	1.15	1.35	1.65

Table 3 Start factor f_3

f_3 / $f_1 \times f_2$ / Starts per hour	1	1.25 ~1.75	2~ 2.75	≥3
≤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

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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运转（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.

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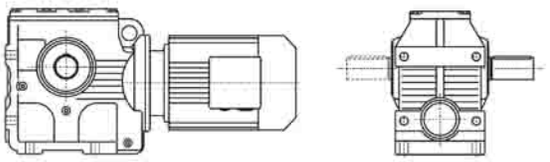
代号说明 SYMBOL SPECIFICATION

代号 Symbol	说 明	Specification	单位 Unit
i	实际减速比	Actual ratio	/
iN	公称减速比	Nominal ratio	
iex	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 pwoer	
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 ferquency	Hz
V_{mot}	电机电压	Motor voltage	V
V_{brake}	制动器电压	Braker voltage	

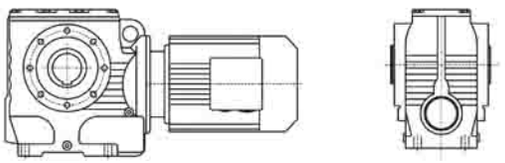
S系列斜齿-蜗轮蜗杆减速机
S Helical-worm gear units

S系列减速机有以下设计方案：
S series gear units are available in the following designs:

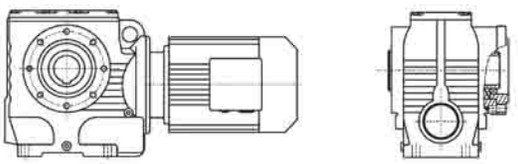
S



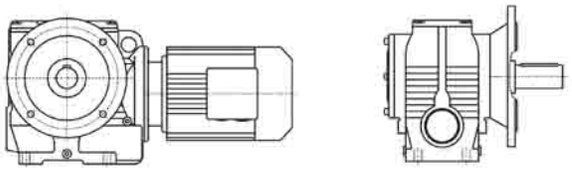
S..Y..
底脚轴伸式安装斜齿-蜗轮蜗杆减速机
Foot-mounted helical-worm gear units with solid shaft



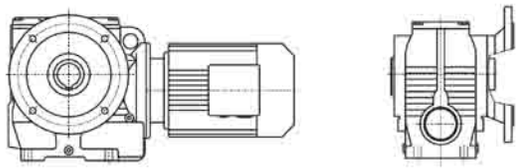
SA...Y...
空心轴安装斜齿-蜗轮蜗杆减速机
Helical-worm gear units with hollow shaft



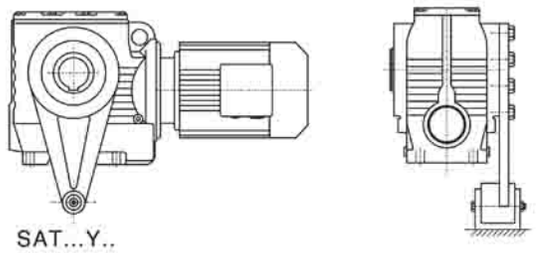
SAZ...Y...
小法兰空心轴安装斜齿-蜗轮蜗杆减速机
Short-flange mounted helical-worm gear units with hollow shaft



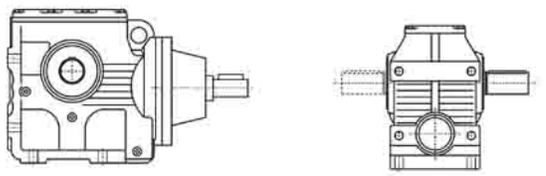
SF...Y..
法兰轴伸式安装斜齿-蜗轮蜗杆减速机
Flange-mounted helical-worm gear units with solid shaft



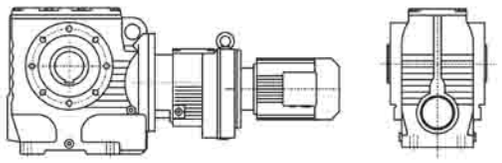
SAF...Y..
法兰空心轴安装斜齿-蜗轮蜗杆减速机
Flange-mounted helical-worm gear units with hollow shaft



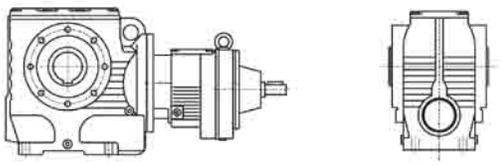
SAT...Y..
带防转臂空心轴安装斜齿-蜗轮蜗杆减速机
Torque-arm-mounted helical-worm gear units with hollow shaft



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 flang
Output shaft aperture

减速机类型：	Gear units type:
斜齿-蜗轮蜗杆减速机	Helical-worm gear units

结构形式：		Structure:	
普通轴伸式（省略）		Foot-mounted solid shaft output	(-)
轴装式	A	Hollow shaft output	A
轴伸法兰式	F	Flange-mounted solid shaft output	F
轴装法兰式	AF	Flange-mounted hollow shaft output	AF
轴装小法兰式	AZ	Short-flange-mounted hollow shaft output	AZ
轴装带防转臂	AT	Torque-arm-mounted hollow shaft output	AT
普通轴伸式，轴输入	S	Foot-mounted solid shaft output, shaft input	S
普通轴装式，轴输入	AS	Hollow shaft output,shaft input	AS
轴伸法兰式，轴输入	FS	Flange-mounted solid shaft output,shaft input	FS
轴装法兰式，轴输入	AFS	Flange-mounted hollow shaft output,shaft input	AFS
*带锁紧盘式	H..(H,HF,HZ,HT)	*Hollow shaft output with shrink disk	H..(H,HF,HZ,HT)

规格：	Size:
（见选型参数表）	(see selection table)

电机代号：		Motor code:	
普通（更新）	Y(Y2)	Ordinary(renew)	Y(Y2)
防　爆	B	Flame-proof	B
直　流	Z	Direct current	Z
制　动	YEJ	Brake	YEJ
多　速	D	Multi-speed	D
变　频	YVP	Variable frequency	YVP
电磁调速	YCT	Electromagnetism speed modulation	YCT
冶金起重	R	Hoisting in metallurgy	R
变频制动	YVPJ	Variable frequency and brake	YVPJ
辊　道	G	Roller tables	G

电机功率、极数：	Motor power、pole：
（见选型参数表）	(see selection table)

传动比：	Ratio:
（见选型参数表）	(see selection table)

安装形式：	Mounting position:
M1、M2、M3、M4、M5、M6（见第66页）	M1、M2、M3、M4、M5、M6(see page 66)

电机接线盒位置：	Position of the motor thermal box:
0°、90°、180°、270°（见第66页）	0°、90°、180°、270°（see page 66）

输出轴或法兰方向：	Position of output shaft or flange:
从电机尾部看左边为　A	viewing on motor end:left side-A,
从电机尾部看右边为　B　（见安装形式）	right side-B,both sides-A+B(see
从电机尾部看左右边为 A+B	mounting position)

输出轴孔径：	Output shaft aperture:
（见安装尺寸图）带实心轴输出时省略	(see the chart of mouting dimension) It will be omitted when solid output shaft

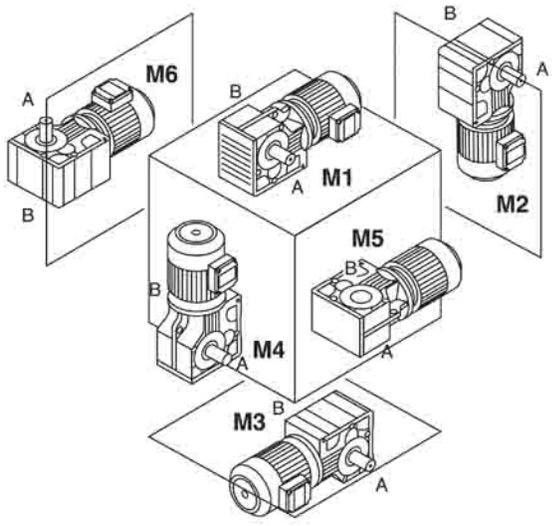
*带锁紧盘式，详见384-385页。

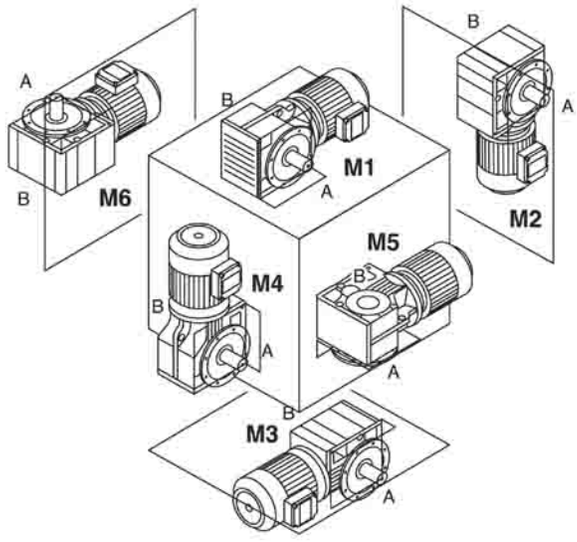
*Hollow shaft output with shrink disk, see P384-385 for detail.

S

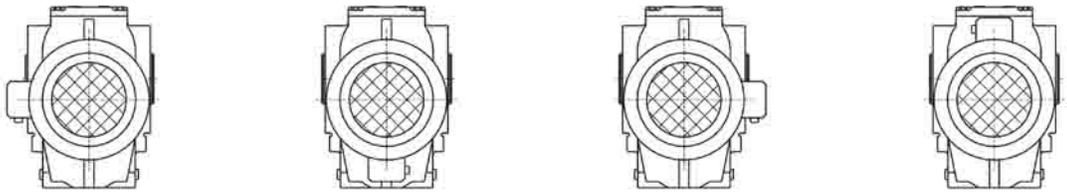
S

安装形式
Mounting position





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



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

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.

S

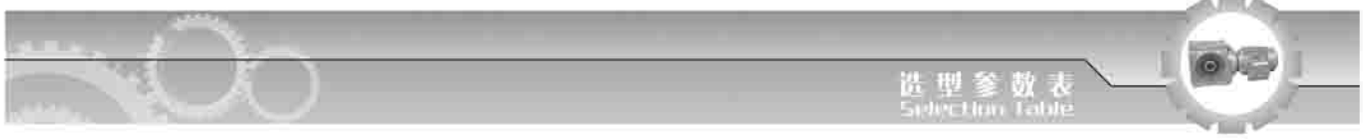
选型参数表
Selection Table

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_B	机型号 Type Type	极数 Pole p
0.18kW					
0.30	2579	4606	0.83		
0.36	2563	3872	0.84		
0.40	2515	3475	0.85	S 87R57	4
0.48	2394	2905	0.90	SF 87R57	4
0.54	2239	2586	0.96	SA 87R57	4
0.60	2021	2335	1.06	SAF87R57	4
0.68	1778	2054	1.21		
0.76	1579	1824	1.36		
0.85	1412	1631	1.52		
0.99	1215	1404	0.98		
1.1	1078	1245	1.11		
1.3	952	1100	1.25	S 77R37	4
1.5	826	954	1.45	SF 77R37	4
1.7	725	837	1.65	SA 77R37	4
1.9	618	714	1.93	SAF77R37	4
2.2	551	637	2.2		
2.4	497	574	2.4		
1.7	600	809	0.81		
2.0	532	712	0.92	S 67R37	4
2.3	528	615	0.93	SF 67R37	4
2.6	470	543	1.04	SA 67R37	4
3.0	406	469	1.20	SAF67R37	4
3.3	367	424	1.33		
3.8	316	365	1.55		
3.2	336	438	0.87		
3.6	325	388	0.84		
4.1	291	336	0.97	S 57R17	4
4.7	255	294	1.11	SF 57R17	4
5.2	233	269	1.21	SA 57R17	4
6.1	198	229	1.42	SAF57R17	4
6.8	177	204	1.60		
7.4	162	187	1.74		
4.7	198	294	0.81	S 47R17	4
5.4	191	257	0.84	SF 47R17	4
6.1	182	229	0.88	SA 47R17	4
7.0	173	200	0.92	SAF47R17	4
3.7	276	227.20	1.77	S 67	6
4.1	249	205.11	1.96	SF 67	6
4.7	219	180.46	2.23	SA 67	6
5.0	207	170.40	2.36	SAF67	6
4.3	238	196.21	1.18	S 57	6
4.7	219	180.40	1.29	SF 57	6
5.5	187	154.35	1.51	SA 57	6
6.4	162	133.79	1.74	SAF57	6
7.1	146	196.21	1.94	S 57	4
7.7	134	180.40	2.11	SF 57	4
9.0	115	154.35	2.46	SA 57	4
10.4	99	133.79	2.84	SAF57	4
5.1	204	168.00	0.81		
5.7	182	150.00	0.88	S 47	6
5.8	178	146.84	0.90	SF 47	6
6.2	167	137.25	0.96	SA 47	6
7.2	144	118.64	1.11	SAF47	6
5.7	182	244.74	0.88		
6.1	170	228.75	0.94	S 47	4
7.0	147	197.73	1.09	SF 47	4
8.3	125	168.00	1.28	SA 47	4
9.3	111	150.00	1.44	SAF47	4

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_B	机型号 Type Type	极数 Pole p
0.18kW					
9.5	109	146.84	1.47		
10	102	137.25	1.57		
12	88	118.64	1.82	S 47	4
14	75	100.80	2.14	SF 47	4
15	67	90.00	2.40	SA 47	4
18	57	76.88	2.80	SAF47	4
19	53	72.00	2.99		
23	45	60.65	3.56		
9.1	113	152.00	0.80		
11	96	129.41	0.89		
12	83	111.58	1.03		
13	77	104.00	1.10		
15	67	90.91	1.26		
16	63	85.22	1.34		
18	56	75.20	1.52		
21	49	66.67	1.72		
25	45	56.67	1.89		
27	42	52.00	2.02	S 37	4
31	39	45.45	2.16	SF 37	4
33	37	42.61	2.30	SA 37	4
37	33	37.60	2.61	SAF37	4
42	29	33.33	2.95		
49	25	28.33	3.47		
59	23	23.46	3.66		
74	19	18.85	4.56		
84	16	16.48	5.21		
90	15	15.45	5.56		
102	13	13.63	6.30		
115	12	12.08	7.11		
135	10	10.27	8.37		
0.25kW					
0.48	2495	2905	0.86		
0.54	2470	2586	0.87	S 87R57	4
0.60	2406	2335	0.89	SF 87R57	4
0.68	2221	2054	0.96	SA 87R57	4
0.76	2193	1824	0.98	SAF87R57	4
0.85	1961	1631	1.09		
1.5	1118	930	1.92		
1.5	1147	954	1.04		
1.7	1006	837	1.19	S 77R37	4
1.9	858	714	1.39	SF 77R37	4
2.2	766	637	1.56	SA 77R37	4
2.4	690	574	1.73	SAF77R37	4
2.8	600	499	1.99		
2.6	564	543	0.87		
3.0	560	469	0.87	S 67R37	4
3.3	510	424	0.96	SF 67R37	4
3.8	439	365	1.11	SA 67R37	4
4.4	384	319	1.27	SAF67R37	4
4.9	338	281	1.45		
4.7	353	294	0.80		
5.2	323	269	0.87	S 57R17	4
6.1	275	229	1.02	SF 57R17	4
6.8	245	204	1.15	SA 57R17	4
7.4	225	187	1.25	SAF57R17	4
8.4	198	165	1.42		
11	158	131	1.79		
2.8	505	227.20	0.97		
3.1	456	205.11	1.07	S 67	8
3.6	401	180.46	1.22	SF 67	8
3.8	378	170.40	1.29	SA 67	8
4.5	320	144.00	1.53	SAF67	8

S

电话0757-85227575 传真0757-88521212



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_B	机型号 Type Type	极数 Pole p
0.25kW					
3.7	383	227.20	1.28	S 67	6
4.1	346	205.11	1.41	SF 67	6
4.7	304	180.46	1.61	SA 67	6
5.0	287	170.40	1.70	SAF67	6
5.9	243	144.00	2.01		
6.1	234	227.20	2.09		
6.8	211	205.11	2.31		
7.7	186	180.46	2.63	S 67	4
8.2	176	170.40	2.78	SF 67	4
9.7	148	144.00	3.30	SA 67	4
11	134	130.00	3.65	SAF67	4
12	118	114.38	4.15		
13	111	108.00	4.39		
4.3	331	196.21	0.85	S 57	6
4.7	304	180.40	0.93	SF 57	6
5.5	260	154.35	1.08	SA 57	6
6.4	225	133.79	1.25	SAF57	6
6.8	211	125.05	1.34		
7.1	202	196.21	1.39		
7.7	186	180.40	1.52		
9.0	159	154.35	1.77	S 57	4
10	138	133.79	2.05	SF 57	4
11	129	125.05	2.19	SA 57	4
13	111	108.09	2.53	SAF57	4
15	95	91.84	2.98		
17	85	82.00	3.34		
7.0	204	197.73	0.81		
8.3	173	168.00	0.92		
9.3	155	150.00	1.04		
9.5	151	146.84	1.06		
10	141	137.25	1.13		
12	122	118.64	1.31	S 47	4
14	104	100.80	1.54	SF 47	4
15	93	90.00	1.73	SA 47	4
18	79	76.88	2.02	SAF47	4
19	74	72.00	2.16		
23	71	60.65	2.24		
24	63	59.32	2.56		
28	61	50.40	2.64		
31	54	45.00	2.96		
13	107	104.00	0.81		
15	94	90.91	0.91		
16	88	85.22	0.97		
18	77	75.20	1.10		
21	69	66.67	1.24		
25	63	56.67	1.36		
27	58	52.00	1.46		
31	55	45.45	1.56		
33	51	42.61	1.66		
37	45	37.60	1.88	S 37	4
42	40	33.33	2.12	SF 37	4
49	34	28.33	2.50	SA 37	4
59	32	23.46	2.64	SAF37	4
74	26	18.85	3.28		
84	23	16.48	3.75		
90	21	15.45	4.00		
102	19	13.63	4.54		
115	17	12.08	5.12		
135	14	10.27	6.02		

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_B	机型号 Type Type	极数 Pole p
0.37kW					
0.68	2611	2054	0.82	S 87R57	4
0.76	2488	1824	0.86	SF 87R57	4
0.85	2318	1631	0.92	SA 87R57	4
1.5	1655	930	1.29	SAF87R57	4
1.7	1479	831	1.45		
1.9	1271	714	0.94		
2.2	1134	637	1.05	S 77R37	4
2.4	1021	574	1.17	SF 77R37	4
2.8	888	499	1.34	SA 77R37	4
3.2	779	438	1.53	SAF77R37	4
3.6	692	389	1.72		
3.8	557	365	0.88	S 67R37	4
4.4	568	319	0.92	SF 67R37	4
4.9	500	281	0.98	SA 67R37	4
5.7	438	246	1.12	SAF67R37	4
3.0	702	222.00	3.03	S 87	8
3.4	627	198.00	3.42	SF 87	8
4.0	527	166.43	4.07	SA 87	8
				SAF87	8
2.8	763	241.09	1.57		
3.3	652	206.04	1.83	S 77	8
3.5	598	188.89	2.00	SF 77	8
4.0	524	165.75	2.28	SA 77	8
4.3	497	157.08	2.40	SAF77	8
3.9	544	227.20	0.90		
4.3	491	205.11	1.00	S 67	6
4.9	432	180.46	1.13	SF 67	6
5.2	408	170.40	1.20	SA 67	6
6.1	345	144.00	1.42	SAF67	6
6.1	347	227.20	1.41		
6.8	313	205.11	1.56		
7.7	275	180.46	1.78	S 67	4
8.2	260	170.40	1.88	SF 67	4
9.7	220	144.00	2.23	SA 67	4
11	198	130.00	2.47	SAF67	4
12	174	114.38	2.80		
5.7	370	154.35	0.81		
6.6	321	133.79	0.88	S 57	6
7.1	300	125.05	0.94	SF 57	6
8.2	259	108.09	1.09	SA 57	6
9.6	220	91.84	1.28	SAF57	6
10.8	196	82.00	1.44		
7.1	299	196.21	0.94		
7.7	275	180.40	1.02		
9.0	235	154.35	1.20		
10	204	133.79	1.38	S 57	4
11	191	125.05	1.48	SF 57	4
13	165	108.09	1.71	SA 57	4
15	140	91.84	2.01	SAF57	4
17	125	82.00	2.25		
20	119	70.04	2.64		
21	111	66.89	2.37		
22	107	62.53	2.53		
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		

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选型参数表
Selection 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_B	机型号 Type Type	极数 Pole p
0.37kW					
19	110	72.00	1.46		
23	106	60.65	1.52		
24	93	59.32	1.73		
28	90	50.40	1.78		
31	80	45.00	2.00	S 47	4
36	68	38.44	2.34	SF 47	4
39	64	36.00	2.50	SA 47	4
46	54	30.33	2.96	SAF47	4
50	56	27.74	2.84		
54	53	25.93	3.03		
62	46	22.41	3.51		
73	39	19.04	4.13		
82	35	17.00	4.63		
21	102	66.67	0.84		
25	93	56.67	0.92		
27	86	52.00	0.98		
31	81	45.45	1.05		
33	76	42.61	1.12		
37	67	37.60	1.27	S 37	4
42	59	33.33	1.43	SF 37	4
49	50	28.33	1.69	SA 37	4
59	48	23.46	1.78	SAF37	4
74	38	18.85	2.22		
84	34	16.48	2.54		
90	31	15.45	2.71		
102	28	13.63	3.07		
115	25	12.08	3.46		
135	21	10.27	4.07		
0.55kW					
1.0	2517	1332	0.85		
1.2	2475	1191	0.87		
1.3	2460	1032	0.87		
1.5	2340	930	0.92	S 87R57	4
1.7	2198	831	0.97	SF 87R57	4
1.9	1902	719	1.13	SA 87R57	4
2.2	1651	624	1.30	SAF87R57	4
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_B	机型号 Type Type	极数 Pole p
0.55kW					
3.7	859	241.09	1.39		
4.3	734	206.04	1.63	S 77	6
4.7	673	188.89	1.78	SF 77	6
5.3	590	165.75	2.02	SA 77	6
5.6	559	157.08	2.13	SAF77	6
5.8	547	241.09	2.18	S 77	4
6.7	467	206.04	2.56	SF 77	4
7.4	428	188.89	2.79	SA 77	4
				SAF77	4
6.1	515	227.20	0.95		
6.8	465	205.11	1.05		
7.7	409	180.46	1.20		
8.2	386	170.40	1.27		
9.7	326	144.00	1.50	S 67	4
11	295	130.00	1.66	SF 67	4
12	259	114.38	1.89	SA 67	4
13	245	108.00	2.00	SAF67	4
15	208	91.96	2.35		
17	189	83.57	2.58		
19	172	72.39	2.98		
21	164	65.00	2.84		
9.6	327	91.84	0.86		
11	292	82.00	0.97		
12	251	70.40	1.01	S 57	6
13	278	66.89	1.12	SF 57	6
14	260	62.53	1.09	SA 57	6
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		

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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_B	机型号 Type Type	极数 Pole p
0.55kW					
42	88	33.33	0.96		
49	75	28.33	1.13		
59	71	23.46	1.20	S 37	4
74	57	18.85	1.49	SF 37	4
84	50	16.48	1.71	SA 37	4
90	47	15.45	1.82	SAF37	4
102	41	13.63	2.06		
115	37	12.08	2.33		
135	31	10.27	2.74		
0.75kW					
1.1	4411	1223	0.85		
1.3	3860	1070	0.97		
1.5	3347	928	1.12	S 97R57	4
1.7	2972	824	1.27	SF 97R57	4
1.9	2575	714	1.46	SA 97R57	4
2.2	2258	626	1.67	SAF97R57	4
2.6	1941	538	1.94		
2.9	1746	484	2.2		
1.3	2659	1032	0.81		
1.5	2593	930	0.83		
1.7	2569	831	0.83	S 87R57	4
1.9	2396	719	0.89	SF 87R57	4
2.2	2251	624	0.95	SA 87R57	4
2.5	2013	558	1.06	SAF87R57	4
3.2	1569	435	1.37		
4.3	1165	323	1.84		
4.3	1179	327	1.01	S 77R37	4
4.8	1042	289	1.15	SF 77R37	4
5.6	902	250	1.32	SA 77R37	4
6.3	790	219	1.51	SAF77R37	4
3.0	1457	230.48	2.58	S 97	8
3.3	1311	207.48	2.87	SF 97	8
3.6	1187	187.89	3.17	SA 97	8
				SAF97	8
4.1	1048	222.00	2.04	S 87	6
4.6	935	198.00	2.29	SF 87	6
5.5	786	166.43	2.73	SA 87	6
				SAF87	6
6.2	690	223.26	3.10	S 87	4
7.0	612	198.00	3.50	SF 87	4
8.4	515	166.43	4.16	SA 87	4
				SAF87	4
3.8	1139	241.09	1.05	S 77	6
4.4	973	206.04	1.23	SF 77	6
4.8	892	188.89	1.34	SA 77	6
5.5	783	165.75	1.53	SAF77	6
5.8	745	241.09	1.60		
6.7	637	206.04	1.87		
7.4	584	188.89	2.04	S 77	4
8.4	512	165.75	2.33	SF 77	4
8.8	486	157.08	2.46	SA 77	4
10	425	137.48	2.81	SAF77	4
11	383	123.86	3.12		
13	336	108.65	3.55		

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_B	机型号 Type Type	极数 Pole p
0.75kW					
6.8	634	205.11	0.80		
7.7	558	180.46	0.88		
8.2	527	170.40	0.93		
9.7	445	144.00	1.10		
11	402	130.00	1.22		
12	354	114.38	1.38	S 67	4
13	334	108.00	1.46	SF 67	4
15	284	91.96	1.72	SA 67	4
17	258	83.57	1.89	SAF67	4
19	224	72.39	2.09		
21	234	65.00	2.18		
22	206	63.00	2.37		
24	195	57.19	2.51		
26	185	54.00	2.51		
30	166	45.98	2.95		
13	331	70.04	0.80		
14	369	66.89	0.82	S 57	6
15	345	62.53	0.85	SF 57	6
17	298	54.05	0.95	SA 57	6
20	253	45.92	1.11	SAF57	6
22	226	41.00	1.25		
13	334	108.09	0.84		
15	284	91.84	0.99		
17	254	82.00	1.11		
20	217	70.04	1.17		
21	241	66.89	1.25		
22	226	62.53	1.30		
26	195	54.05	1.45		
30	166	45.92	1.70	S 57	4
34	148	41.00	1.91	SF 57	4
40	126	35.02	2.23	SA 57	4
42	118	32.80	2.27	SAF57	4
46	124	30.12	2.38		
53	108	26.11	2.62		
57	101	24.40	2.80		
66	87	21.09	3.24		
78	74	17.92	3.82		
87	66	16.00	4.28		
102	56	13.67	5.00		
31	162	45.00	0.99		
36	139	38.44	1.15		
39	130	36.00	1.23		
46	109	30.33	1.40	S 47	4
50	114	27.74	1.46	SF 47	4
54	107	25.93	1.50	SA 47	4
62	92	22.41	1.73	SAF47	4
73	78	19.04	2.04		
82	70	17.00	2.28		
96	60	14.52	2.67		
102	56	13.60	2.85		
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		

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

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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_B	机型号 Type Type	极数 Pole p
1.5kW					
6.3	1363	222.00	1.56		
7.1	1216	198.00	1.76		
8.4	1022	166.43	2.10	S 87	4
9.2	939	152.95	2.28	SF 87	4
10	834	135.83	2.57	SA 87	4
12	746	121.44	2.87	SAF87	4
13	970	109.19	3.20		
15	582	94.77	3.68		
7.4	1160	188.89	1.03		
8.4	1018	165.75	1.17		
8.9	964	157.08	1.24		
10	844	137.48	1.41		
11	760	123.86	1.57		
13	667	108.65	1.79	S 77	4
15	589	95.88	2.03	SF 77	4
16	564	85.00	2.12	SA 77	4
18	522	78.78	2.29	SAF77	4
19	517	72.22	2.31		
22	454	63.38	2.63		
23	430	60.06	2.78		
27	377	52.57	3.17		
30	339	47.36	3.52		
34	298	41.54	4.01		
17	513	83.57	0.95		
19	466	72.39	1.05		
22	444	65.00	1.10		
23	410	63.00	1.19		
24	387	57.19	1.26		
26	367	54.00	1.26		
30	329	45.98	1.48	S 67	4
34	299	41.79	1.63	SF 67	4
39	259	36.20	1.89	SA 67	4
44	226	31.50	2.17	SAF67	4
53	216	26.40	2.26		
59	195	23.83	2.51		
67	171	20.92	2.86		
71	162	19.80	3.02		
83	138	16.86	3.54		
91	125	15.32	3.90		
106	109	13.27	4.50		
121	95	11.55	5.17		
43	247	32.80	1.20		
46	235	30.12	1.14		
54	214	26.11	1.32		
57	200	24.40	1.41	S 57	4
66	173	21.09	1.63	SF 57	4
78	147	17.92	1.92	SA 57	4
88	131	16.00	2.15	SAF57	4
102	112	13.67	2.52		
109	105	12.80	2.69		
130	88	10.78	3.20		
96	119	14.52	1.35	S 47	4
103	111	13.60	1.44	SF 47	4
122	94	11.46	1.71	SA 47	4
				SAF47	4

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_B	机型号 Type Type	极数 Pole p
2.2kW					
3.4	4350	420	0.86	S 97R57	4
3.8	3894	376	0.97	SF 97R57	4
4.3	3387	327	1.11	SA 97R57	4
4.9	2972	287	1.26	SAF97R57	4
5.6	2610	252	1.44		
4.1	3091	230.48	1.22	S 97	6
4.5	2782	207.48	1.35	SF 97	6
5.0	2520	187.89	1.49	SA 97	6
				SAF97	6
6.2	2046	230.48	1.84		
6.8	1842	207.48	2.04		
7.6	1668	187.89	2.25	S 97	4
8.5	1479	166.62	2.54	SF 97	4
9.4	1337	150.64	2.81	SA 97	4
11	1133	127.68	3.32	SAF97	4
13	990	111.52	3.80		
15	863	93.27	4.54		
17	828	83.31	4.36		
6.4	1971	222.00	1.08		
7.2	1758	198.00	1.22		
8.5	1477	166.43	1.45		
9.3	1358	152.95	1.58		
10	1206	135.83	1.78	S 87	4
12	1078	121.44	1.99	SF 87	4
13	969	109.19	2.21	SA 87	4
15	841	94.77	2.55	SAF87	4
17	753	84.86	2.74		
19	733	75.63	2.84		
20	700	70.40	3.06		
21	630	67.62	3.40		
23	625	60.80	3.43		
27	547	52.77	3.92		
10	1220	137.48	0.98		
11	1100	123.86	1.09		
13	965	108.65	1.24		
15	851	95.88	1.40		
17	755	85.00	1.46		
18	816	78.78	1.58		
20	748	72.22	1.60		
22	656	63.38	1.82	S 77	4
24	622	60.06	1.92	SF 77	4
27	544	52.57	2.19	SA 77	4
30	491	47.36	2.43	SAF77	4
34	430	41.54	2.78		
39	380	36.66	3.14		
44	337	32.50	3.55		
51	307	27.75	3.89		
55	287	25.93	4.15		
62	269	22.75	4.43		
66	255	21.56	4.68		
31	476	45.98	1.03		
34	433	41.79	1.13		
39	375	36.20	1.30		
45	326	31.50	1.50		
54	312	26.40	1.56	S 67	4
60	282	23.83	1.73	SF 67	4
68	248	20.97	1.97	SA 67	4
72	234	19.80	2.09	SAF67	4
84	200	16.86	2.45		
93	181	15.32	2.70		
107	157	13.27	3.11		
123	137	11.55	3.58		

电话0757-85227575 传真0757-88521212

选型参数表
Selection 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_B	机型号 Type Type	极数 Pole p
2.2kW					
89	189	16.00	1.49	S 57	4
104	162	13.67	1.74	SF 57	4
111	152	12.80	1.86	SA 57	4
132	128	10.78	2.21	SAF57	4
3kW					
4.9	4053	287	0.93	S 97R57	4
				SF 97R57	4
				SA 97R57	4
				SAF97R57	4
6.2	2790	230.48	1.35		
6.8	2512	207.48	1.50		
7.6	2275	187.89	1.65		
8.5	2017	166.62	1.86	S 97	4
9.4	1824	150.64	2.06	SF 97	4
11	1546	127.68	2.43	SA 97	4
13	1350	111.52	2.79	SAF97	4
15	1129	93.27	3.20		
17	1177	83.31	3.33		
18	978	80.75	3.85		
8.5	2015	166.43	1.06		
9.3	1852	152.95	1.16		
10	1644	135.83	1.30		
12	1470	121.44	1.46		
13	1322	109.19	1.62		
15	1147	94.77	1.87		
17	1027	84.86	2.01	S 87	4
19	1068	75.63	2.09	SF 87	4
20	955	70.40	2.24	SA 87	4
21	859	67.62	2.50	SAF87	4
23	852	60.80	2.51		
27	745	52.77	2.88		
30	696	47.25	3.08		
33	667	43.13	3.21		
36	617	39.20	3.47		
37	554	38.25	3.87		
42	481	34.09	4.45		
17	1113	85.00	1.07		
18	1029	78.78	1.16		
20	1020	72.22	1.17		
22	895	63.38	1.33		
24	848	60.06	1.41		
27	742	52.57	1.61		
30	669	47.36	1.79		
34	587	41.54	2.04	S 77	4
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_B	机型号 Type Type	极数 Pole p
3kW					
39	511	36.20	0.96		
45	445	31.50	1.10		
54	426	26.40	1.15		
60	385	23.83	1.27	S 67	4
68	338	20.97	1.44	SF 67	4
72	320	19.80	1.53	SA 67	4
84	272	16.86	1.80	SAF67	4
93	247	15.32	1.98		
107	214	13.27	2.28		
123	186	11.55	2.62		
104	221	13.67	1.28	S 57	4
111	207	12.80	1.36	SF 57	4
132	174	10.78	1.62	SA 57	4
				SAF57	4
4kW					
6.2	3668	230.48	1.02		
6.9	3302	207.48	1.14		
7.7	2991	187.89	1.26		
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		
12	1933	121.44	1.11		
13	1738	109.19	1.23		
15	1508	94.77	1.42		
17	1404	84.86	1.53		
19	1351	75.63	1.59		
20	1256	70.40	1.71		
21	1129	67.62	1.90		
24	1121	60.80	1.91	S 87	4
27	980	52.77	2.19	SF 87	4
30	915	47.25	2.34	SA 87	4
33	877	43.13	2.44	SAF87	4
37	812	39.20	2.64		
38	728	38.25	2.94		
42	682	34.09	3.14		
45	633	32.15	3.39		
49	627	29.55	3.42		
55	557	26.24	3.85		
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
67	458	21.56	2.61		
76	400	18.87	2.98		
85	361	17.00	3.31		
97	316	14.91	3.77		
109	279	13.16	4.28		
123	248	11.67	4.82		
145	211	9.96	5.65		

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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_B	机型号 Type Type	极数 Pole p
4kW					
73	420	19.80	1.16	S 67	4
85	358	16.86	1.37	SF 67	4
94	325	15.32	1.50	SA 67	4
109	282	13.27	1.74	SAF67	4
125	245	11.55	1.99		
5.5kW					
8.6	3647	166.62	1.03		
9.6	3297	150.64	1.14		
11	2794	127.68	1.35		
13	2441	111.52	1.54		
15	2127	93.27	1.77	S 97	4
17	2041	83.31	1.84	SF 97	4
18	1923	80.75	1.96	SA 97	4
19	1767	75.32	2.13	SAF97	4
23	1630	63.84	2.31		
26	1424	55.76	2.64		
31	1191	46.64	3.16		
36	1031	40.38	3.65		
17	1931	84.86	1.11		
19	1857	75.63	1.15		
20	1727	70.40	1.24		
21	1552	67.62	1.38		
24	1541	60.80	1.39		
27	1347	52.77	1.59		
30	1259	47.25	1.70		
33	1206	43.13	1.78	S 87	4
37	1116	39.20	1.92	SF 87	4
38	1001	38.25	2.14	SA 87	4
42	938	34.09	2.28	SAF87	4
45	870	32.15	2.46		
49	862	29.55	2.49		
55	766	26.24	2.80		
61	685	23.46	3.13		
68	615	21.09	3.48		
79	534	18.31	4.01		
88	478	16.39	4.48		
106	397	13.60	5.40		
122	345	11.83	6.21		
35	1061	41.54	1.13		
39	936	36.66	1.28		
44	830	32.50	1.44		
52	757	27.75	1.58		
56	709	25.93	1.69	S 77	4
63	664	22.75	1.80	SF 77	4
67	629	21.56	1.90	SA 77	4
76	551	18.87	2.17	SAF77	4
85	496	17.00	2.41		
97	435	14.91	2.74		
109	384	13.16	3.11		
123	341	11.67	3.51		
145	291	9.96	4.11		
				S 67	4
94	447	15.32	1.09	SF 67	4
109	387	13.27	1.26	SA 67	4
125	337	11.55	1.45	SAF67	4

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_B	机型号 Type Type	极数 Pole p
7.5kW					
13	3304	111.52	1.14		
16	2880	93.27	1.31		
17	2764	83.31	1.36		
18	2604	80.75	1.44		
19	2393	75.32	1.57		
23	2207	63.84	1.70		
26	1928	55.76	1.95	S 97	4
31	1612	46.64	2.33	SF 97	4
36	1438	40.38	2.62	SA 97	4
40	1396	36.39	2.69	SAF97	4
45	1294	32.76	2.91		
49	1172	29.67	3.21		
55	1039	26.31	3.62		
61	940	23.79	4.00		
72	796	20.16	4.72		
31	1704	47.25	1.26		
34	1633	43.13	1.31		
37	1511	39.20	1.42		
38	1355	38.25	1.58		
43	1270	34.09	1.69		
45	1178	32.15	1.82	S 87	4
49	1167	29.55	1.84	SF 87	4
56	1037	26.24	2.07	SA 87	4
62	927	23.46	2.31	SAF87	4
69	833	21.09	2.57		
80	723	18.31	2.96		
89	648	16.39	3.31		
107	537	13.60	3.99		
123	467	11.83	4.59		
53	1024	27.75	1.17		
56	959	25.93	1.24		
64	899	22.75	1.33	S 77	4
68	852	21.56	1.40	SF 77	4
77	746	18.87	1.60	SA 77	4
86	672	17.00	1.78	SAF77	4
98	589	14.91	2.03		
111	520	13.16	2.30		
125	461	11.67	2.59		
147	394	9.96	3.03		
11kW					
26	2808	55.76	1.34		
31	2349	46.64	1.60		
36	2095	40.38	1.80		
40	2034	36.39	1.85	S 97	4
45	1886	32.76	1.99	SF 97	4
49	1708	29.67	2.20	SA 97	4
55	1514	26.31	2.48	SAF97	4
61	1369	23.79	2.75		
72	1160	20.16	3.24		
83	1014	17.61	3.71		
99	848	14.73	4.43		
115	734	12.75	5.12		
56	1510	26.24	1.42		
62	1350	23.46	1.59	S 87	4
69	1214	21.09	1.77	SF 87	4
80	1054	18.31	2.03	SA 87	4
89	943	16.39	2.27	SAF87	4
107	783	13.60	2.74		
123	681	11.83	3.15		

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选型参数表
Selection 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_B	机型号 Type Type	极数 Pole 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		

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_B	机型号 Type Type	极数 Pole p

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Mamax Permissible torque Nm	输出转速 Output speed r/min	传动比 Ratio i	机型号 Type	功率 Power kW/4p
90	7.8	179	S 37R17 SF 37R17 SA 37R17 SAF37R17	0.18
	8.8	158		
	9.7	144		
	12	118		
	13	110		0.25
170	3.6	388	S 47R17 SF 47R17 SA 47R17 SAF47R17	0.18
	4.1	336		
	4.7	294		
	5.4	257		0.25
	6.1	229		
	7.0	200		
	7.4	187		
	8.4	165		
300	2.4	574	S 57R17 SF 57R17 SA 57R17 SAF57R17	0.18
	2.7	506		
	3.2	438		
	3.6	388		
	4.1	336		0.25
	4.7	294		
	5.2	269		
	6.1	229		0.37
	6.8	204		
	7.4	187		
	8.4	165		0.55
	11	131		
520	1.3	1045	S 67R37 SF 67R37 SA 67R37 SAF67R37	0.18
	1.5	914		
	1.7	809		
	2.0	712		
	2.3	615		0.25
	2.6	543		
	3.0	469		0.37
	3.3	424		
	3.8	365		
	4.4	319		0.55
	4.9	281		
	5.7	246		
	6.3	221		
	7.0	198		0.75
1270	0.45	3098	S 77R37 SF 77R37 SA 77R37 SAF77R37	0.18
	0.67	2083		
	0.77	1813		
	0.80	1745		
	0.87	1600		
	1.0	1404		0.25
	1.1	1245		
	1.3	1100		
	1.5	954		0.37
	1.7	837		
	1.9	714		
	2.2	637		0.55
	2.4	574		
	2.8	499		
	3.2	438		0.75
	3.6	389		
	4.3	327		1.1
	4.8	289		
	5.6	250		
	6.4	219		

Mamax Permissible torque Nm	输出转速 Output speed r/min	传动比 Ratio i	机型号 Type	功率 Power kW/4p
2280	0.24	5875	S 87R57 SF 87R57 SA 87R57 SAF87R57	0.18
	0.27	5187		
	0.30	4606		
	0.36	3872		0.25
	0.40	3475		
	0.48	2905		
	0.54	2586		0.37
	0.60	2335		
	0.68	2054		
	0.76	1824		0.55
	0.85	1631		
	1.0	1332		
	1.2	1191		
	1.3	1032		0.75
	1.5	930		
	1.7	831		
	1.9	719		1.1
	2.2	624		
	2.5	558		
	2.9	485		1.5
	3.2	435		
	3.7	378		
	4.4	323		2.2
	5.1	281		
4000	0.16	8608	S 97R57 SF 97R57 SA 97R57 SAF97R57	0.18
	0.18	7554		
	0.21	6640		
	0.24	5780		
	0.28	4937		
	0.31	4444		0.25
	0.35	4017		
	0.40	3453		
	0.45	3108		0.37
	0.52	2654		
	0.60	2329		
	0.67	2081		0.55
	0.75	1860		
	0.88	1574		
	1.0	1394		0.75
	1.1	1223		
	1.3	1070		
	1.5	928		1.1
	1.7	824		
	2.0	714		1.5
	2.2	626		
	2.6	538		
	2.9	484		2.2
	3.4	420		
	3.8	376		
	4.3	327		3
	4.9	287		
	5.7	252		4
	6.6	219		

表上所配功率均有超载,按实际条件确定的转扭不得大于减速机额定转扭。

The power are all overload in the table.The decided torque according to operating condition should not more than gear units' nominal torque.

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外形安装尺寸
Mounting Dimension Sheets-overview

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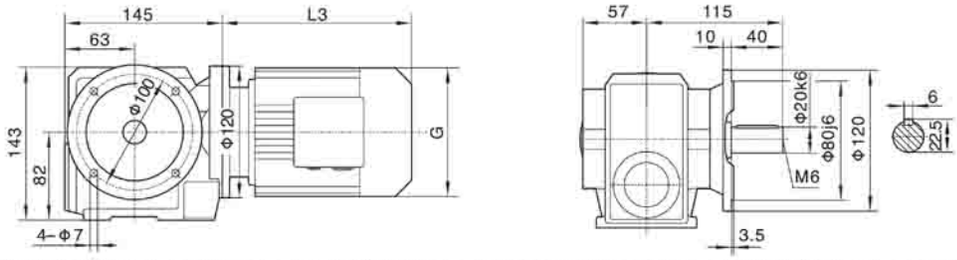
SF37/Φ120



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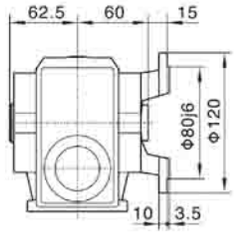

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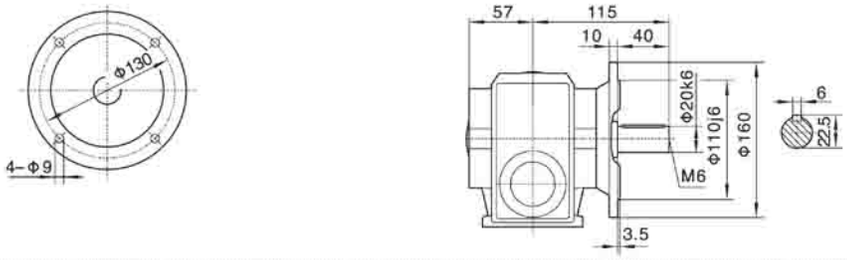

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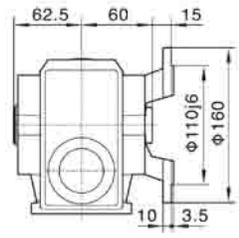
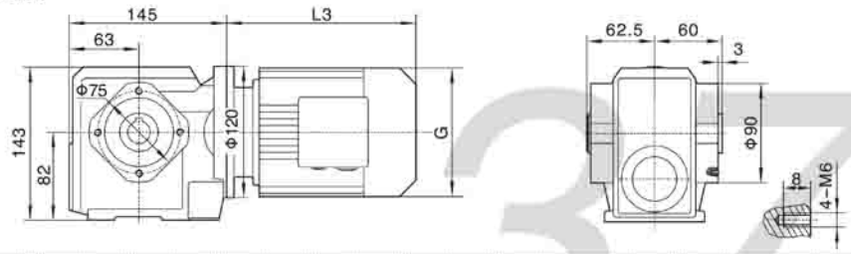
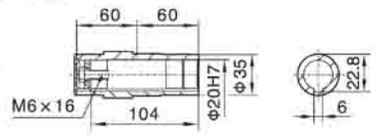


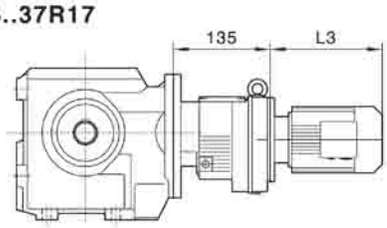
SA37



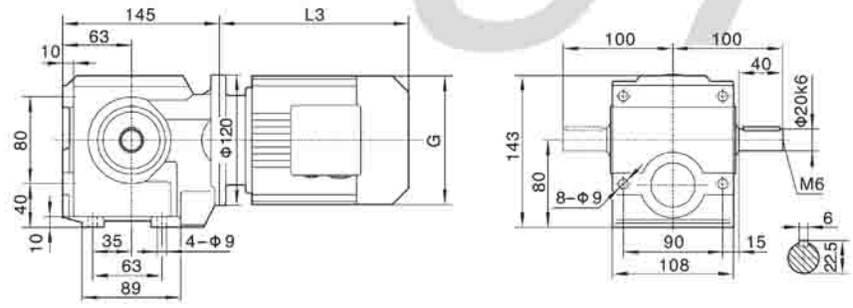
SAF37/SA37/SAZ37
空心轴/Hollow shaft



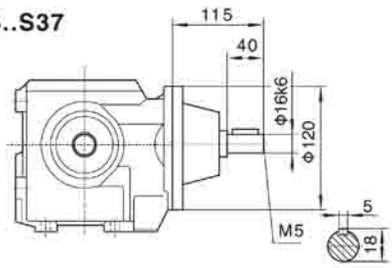
S..37R17



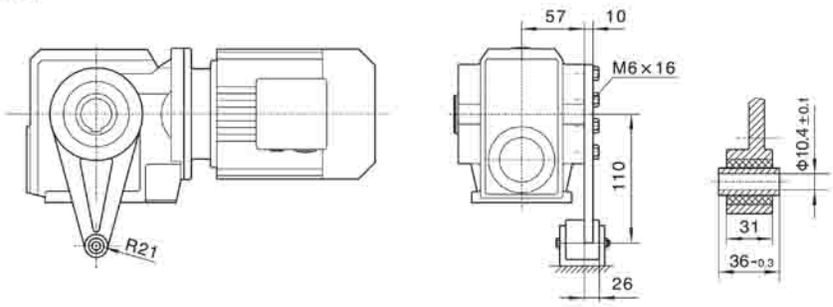
S37

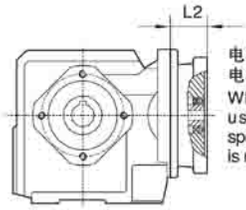


S..S37



SAT37





电机需方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 connected.

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

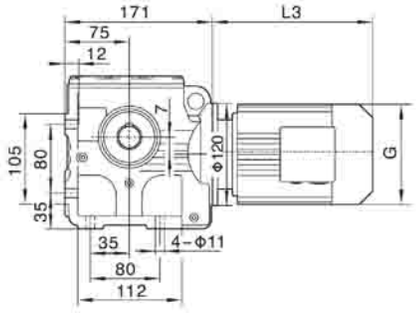
Y2电机机座号 Motor size	63	71		80			
功率/4P Power/(kW)	0.18	0.25	0.37	0.55	0.75		
L3	235	245		278			
G	130	145		175			
L2	71	71		71			

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

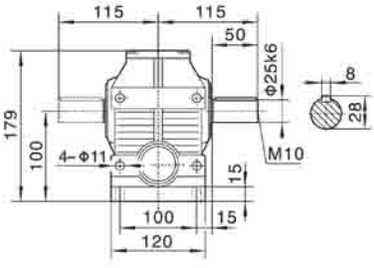
Note:1.The housings of SA、SF、SAF、SAZ are common parts.The mounting dimensions may consult each other. 2."S.."mean S、SA、SF、SAF、SAZ

电话0757-85227575 传真0757-88521212

外形安装尺寸
Mounting Dimension Sheets-over view

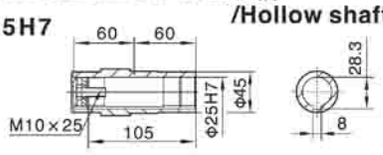


S47

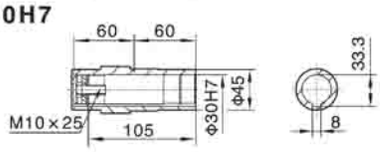


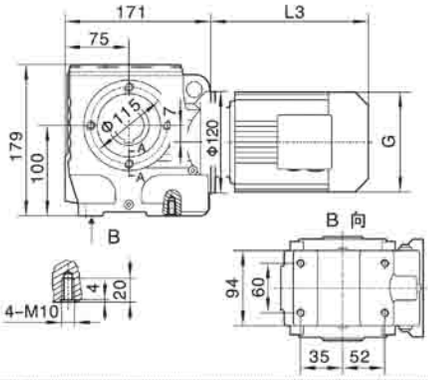
SA47/SAZ47/SAF47空心轴 /Hollow shaft

Φ25H7

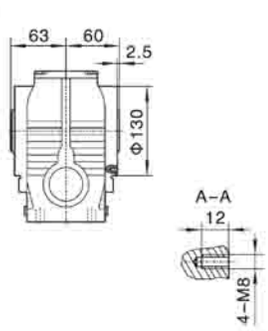


Φ30H7

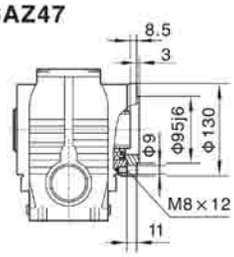


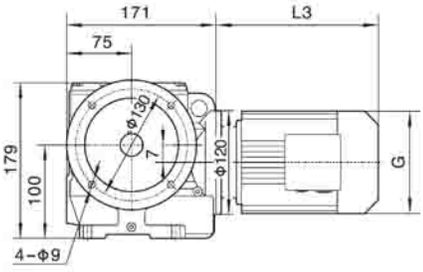


SA47

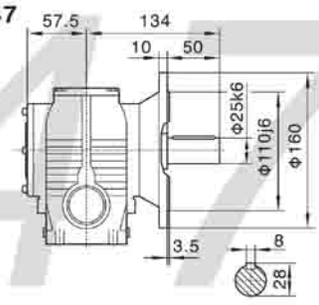


SAZ47

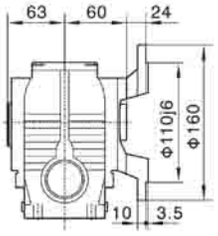


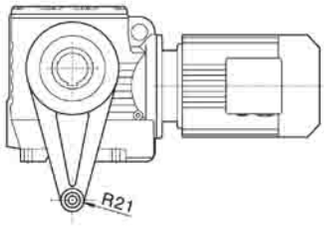


SF47

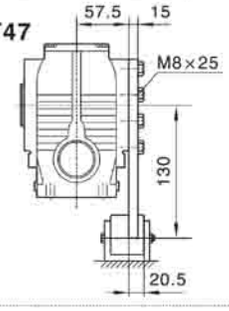


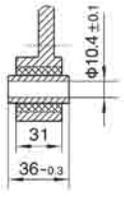
SAF47



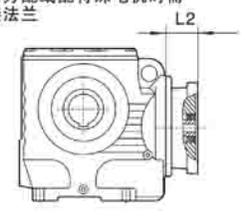


SAT47



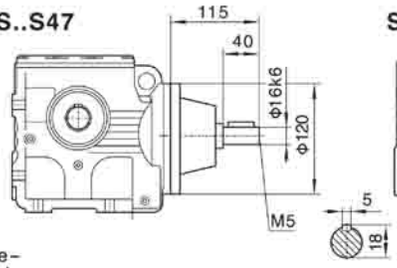


电机需方配或配特殊电机时需加联接法兰

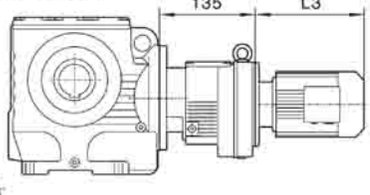


When equipping the user's motor or the special one, the flange is required to connected.

S..S47



S..47R17



注：其余尺寸见相对应结构形式

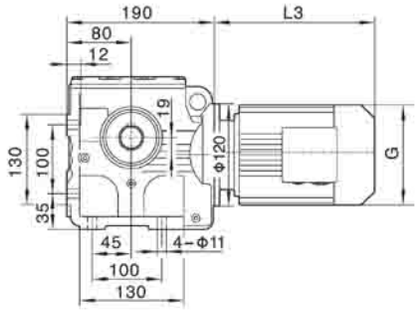
Note:For other values please refer to the opposited structure.

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			

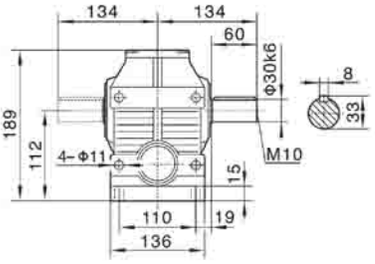
注:1.SA、SF、SAF、SAZ壳体为通用件,安装尺寸均可相互参照.2."S.."表示S、SA、SF、SAF、SAZ

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

外形安装尺寸
Mounting Dimension Sheets-overview

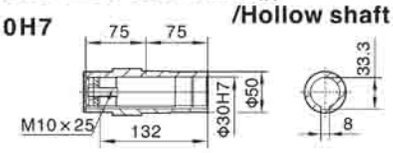


S57

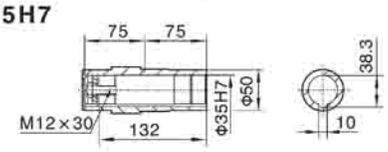


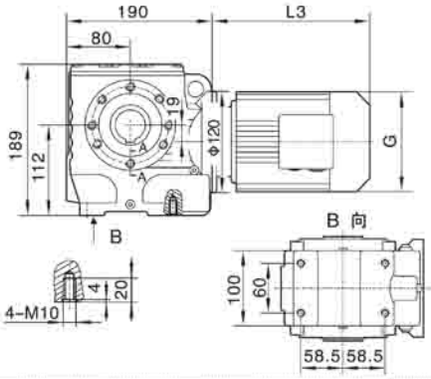
SA57/SAZ57/SAF57空心轴 /Hollow shaft

Φ30H7

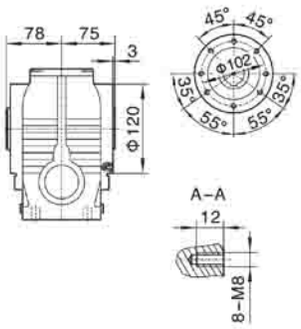


Φ35H7

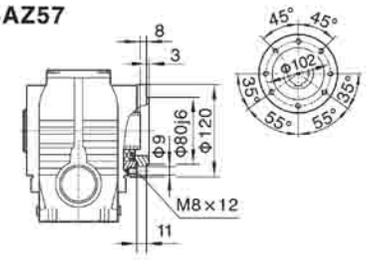


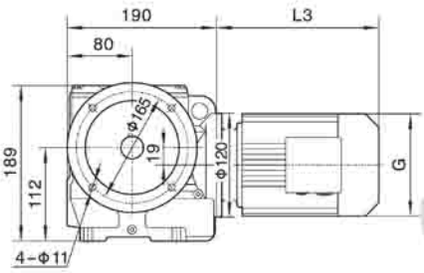


SA57

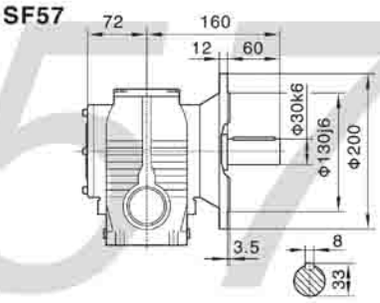


SAZ57

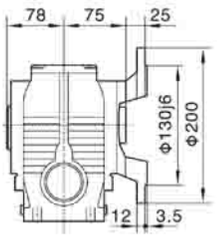


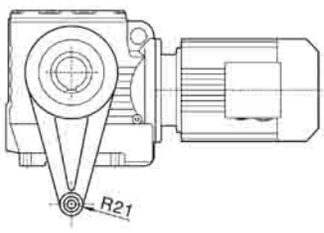


SF57

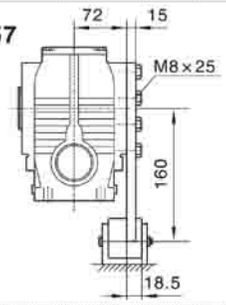


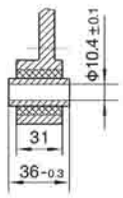
SAF57



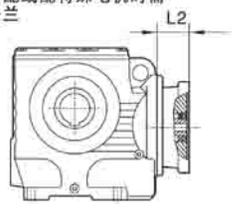


SAT57



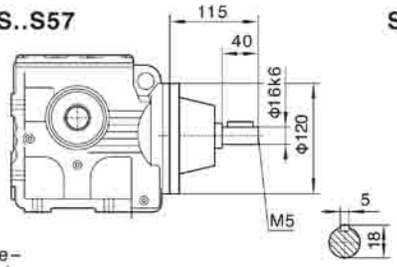


电机需方配或配特殊电机时需加联接法兰

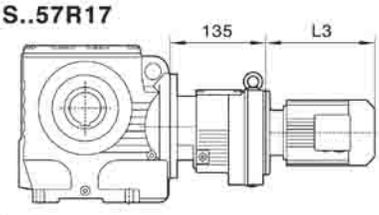


When equipping the user's motor or the special one, the flange is required to connected.

S..S57



S..57R17



注：其余尺寸见相对应结构形式

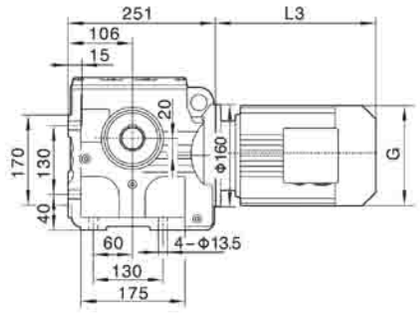
Note:For other values please refer to the opposited structure.

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			

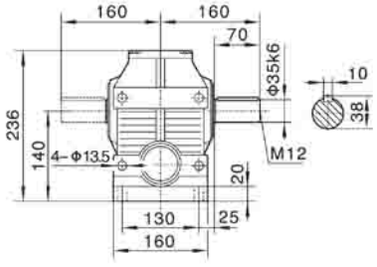
注:1.SA、SF、SAF、SAZ壳体为通用件,安装尺寸均可相互参照.2."S.."表示S、SA、SF、SAF、SAZ

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

外形安装尺寸
Mounting Dimension Sheets-over view

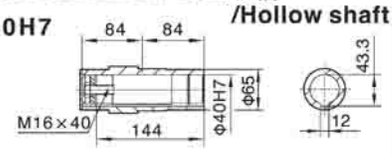


S67

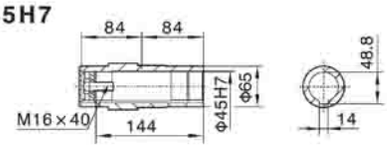


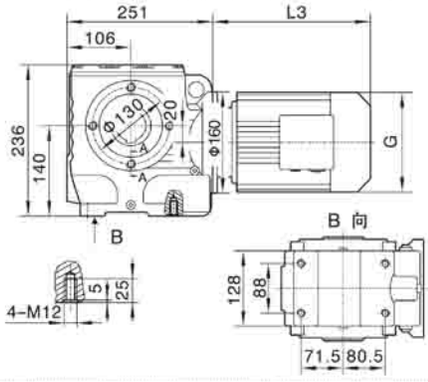
SA67/SAZ67/SAF67空心轴 /Hollow shaft

Φ40H7

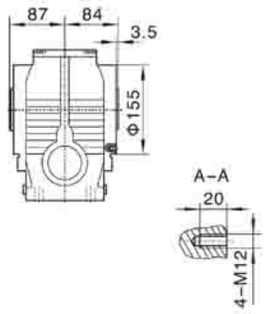


Φ45H7

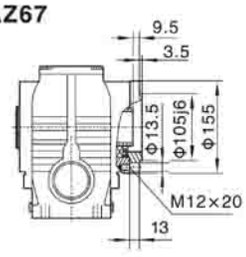


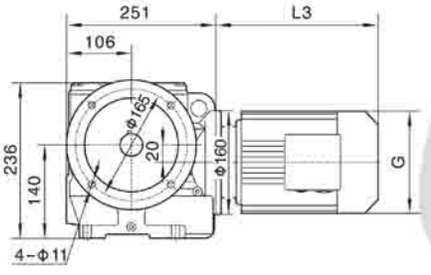


SA67

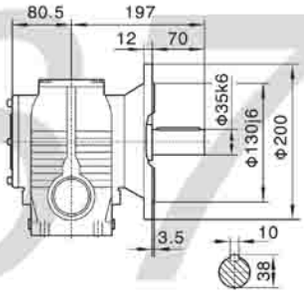


SAZ67

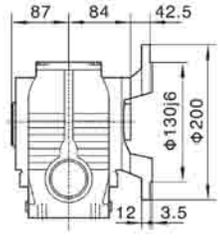


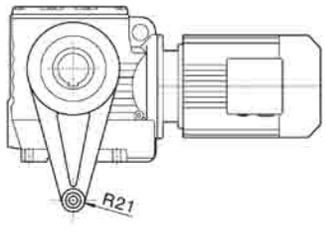


SF67

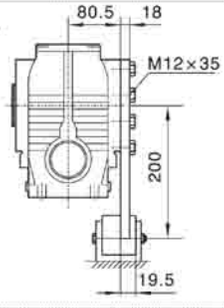


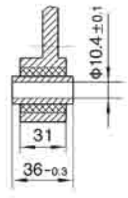
SAF67



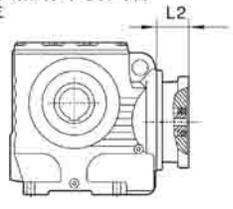


SAT67

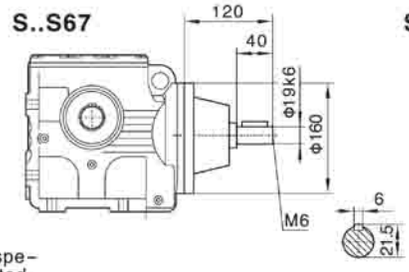




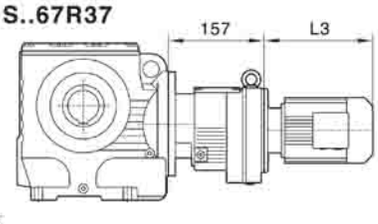
电机需方配或配特殊电机时需加联接法兰



S..S67



S..67R37



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

注：其余尺寸见相对应结构形式

Note:For other values please refer to the opposited structure.

Y2电机机座号 Motor size	71		80		90S	90L	100		112M	132S			
功率/4P Power/(kW)	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3.0	4.0	5.5			
L3	245		278		304	328	350		380	425			
G	145		175		195	195	215		240	275			
L2	81		81		81	81	93		93	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

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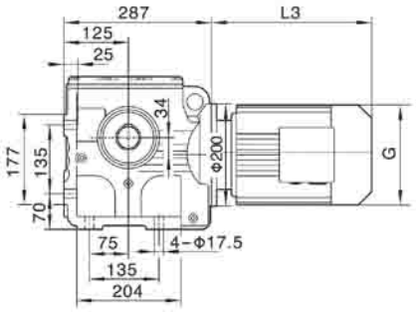
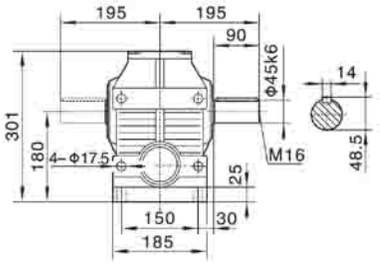
外形安装尺寸
Mounting Dimension Sheets-overview

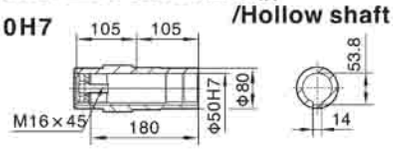
S77



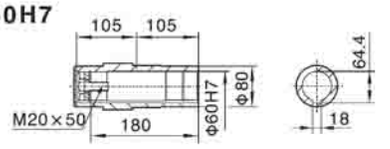


SA77/SAZ77/SAF77空心轴 /Hollow shaft

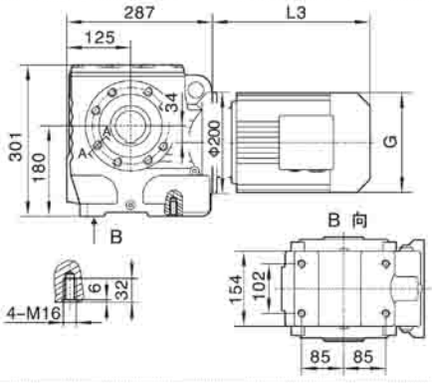
Φ50H7

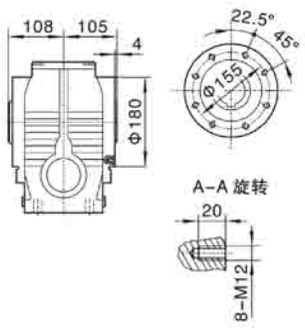


Φ60H7

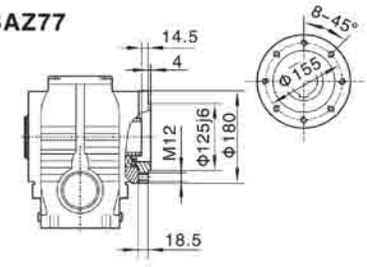


SA77

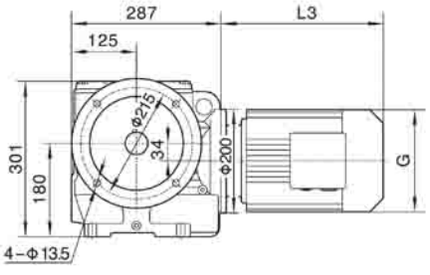


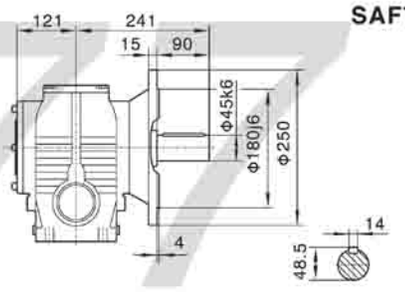


SAZ77

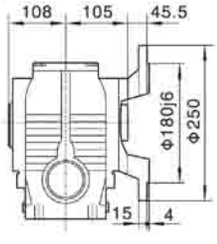


SF77

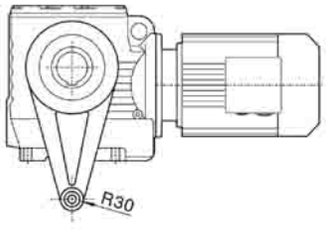


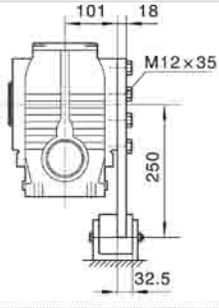


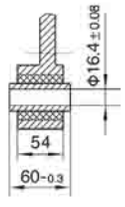
SAF77



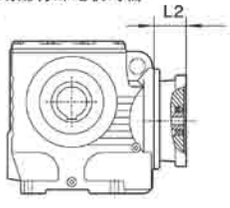
SAT77





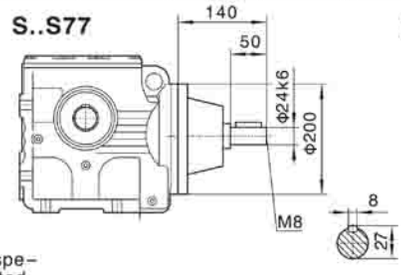


电机需方配或配特殊电机时需加联接法兰

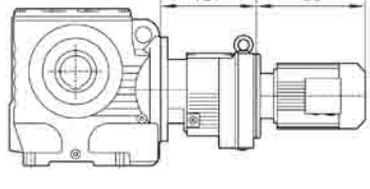


When equipping the user's motor or the special one, the flange is required to connected.

S..S77



S..77R37



注：其余尺寸见相对应结构形式

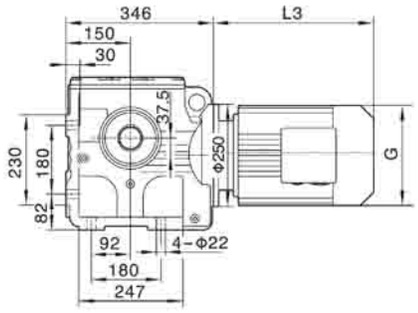
Note:For other values please refer to the opposited structure.

Y2电机机座号 Motor size	80		90S	90L	100		112M	132S	132M			
功率/4P 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			

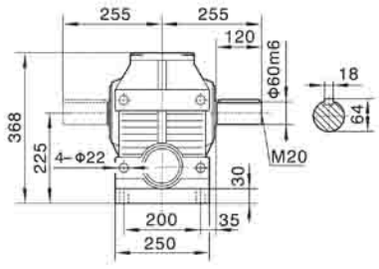
注:1.SA、SF、SAF、SAZ壳体为通用件,安装尺寸均可相互参照.2."S.."表示S、SA、SF、SAF、SAZ

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

外形安装尺寸
Mounting Dimension Sheets-over view

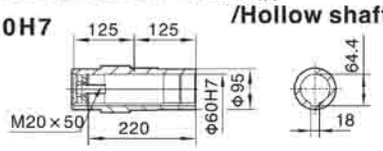


S87

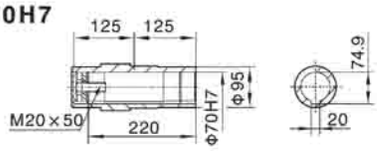


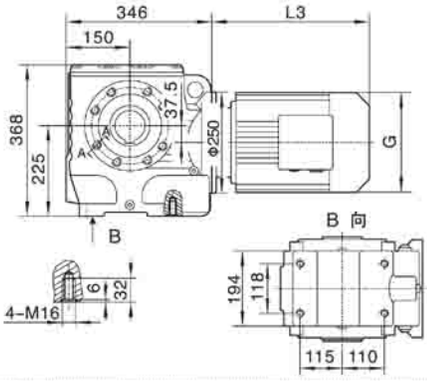
SA87/SAZ87/SAF87空心轴 /Hollow shaft

Φ60H7

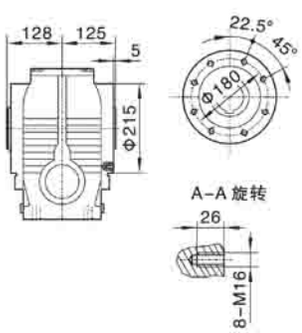


Φ70H7

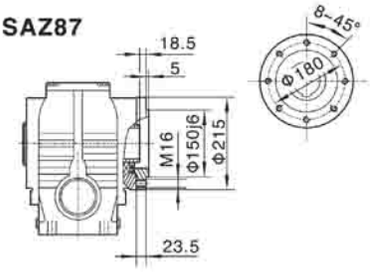


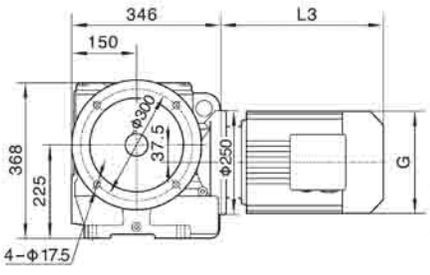


SA87

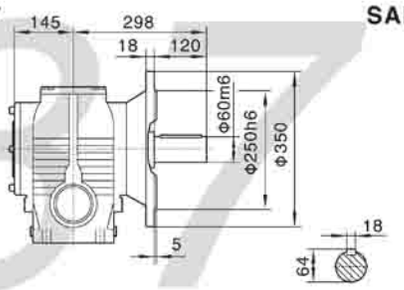


SAZ87

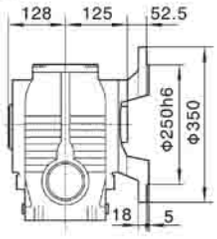


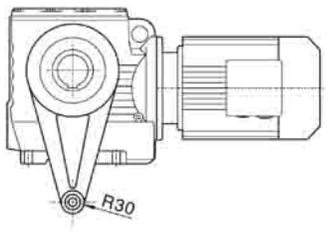


SF87

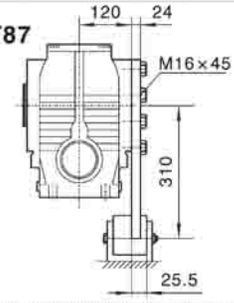


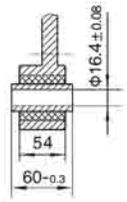
SAF87



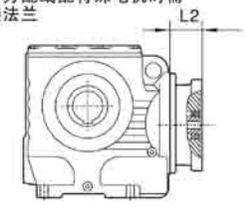


SAT87



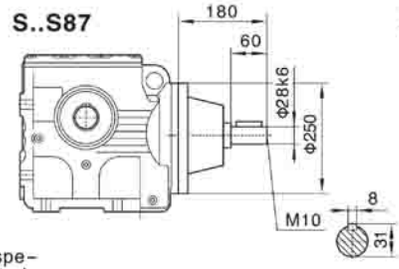


电机需方配或配特殊电机时需加联接法兰

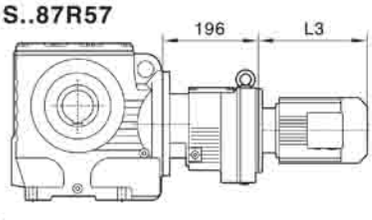


When equipping the user's motor or the special one, the flange is required to connected.

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 opposited structure.

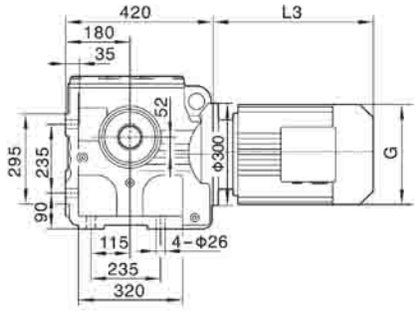
Y2电机机座号 Motor size	80	90S	90L	100	112M	132S	132M	160M	160L	
功率/4P Power/(kW)	0.75	1.1	1.5	2.2 | 3.0	4.0	5.5	7.5	11	15	
L3	246	280	304	350	380	425	461	524	547	
G	175	195	195	215	240	275	275	330	330	
L2	86	86	86	71	71	101	101	126	126	

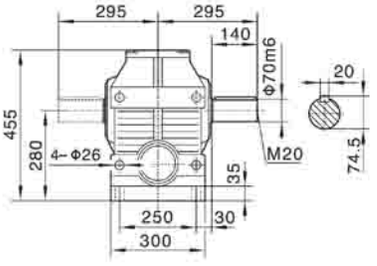
注:1.SA、SF、SAF、SAZ壳体为通用件,安装尺寸均可相互参照.2."S.."表示S、SA、SF、SAF、SAZ

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-overview

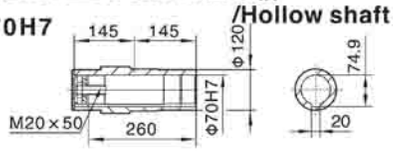
S97



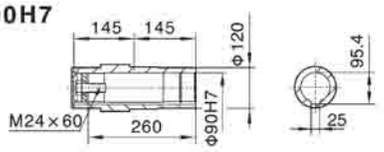


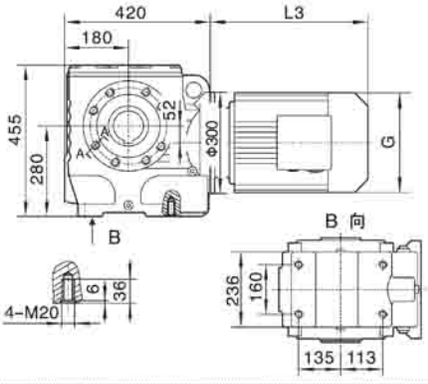
SA97/SAZ97/SAF97空心轴 /Hollow shaft

Φ70H7

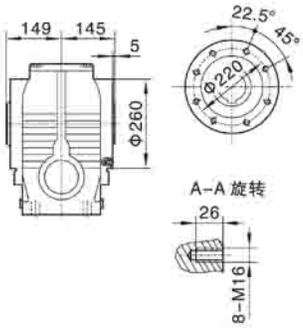


Φ90H7

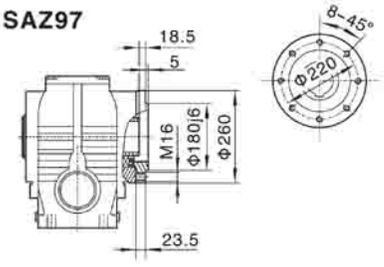


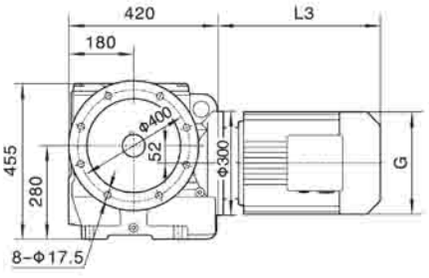


SA97

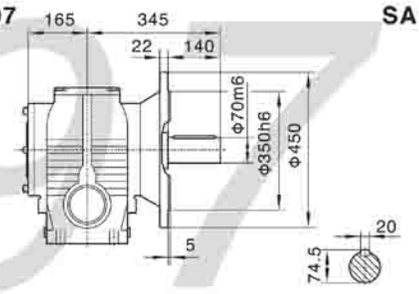


SAZ97

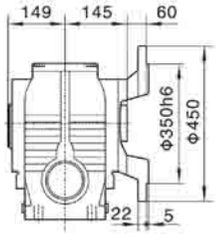


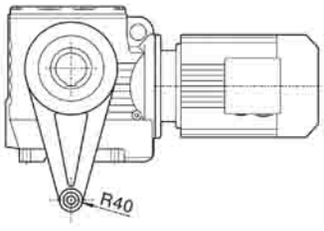


SF97

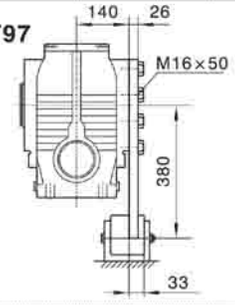


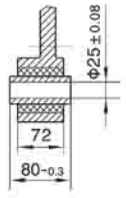
SAF97



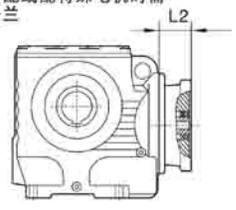


SAT97



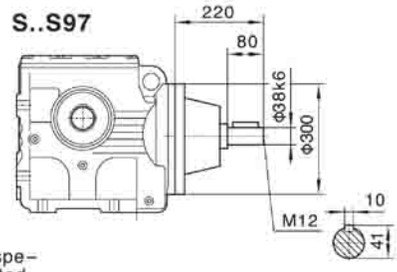


电机需方配或配特殊电机时需加联接法兰

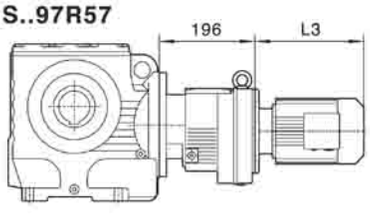


When equipping the user's motor or the special one, the flange is required to connected.

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 opposited structure.

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