



SR SERIES 2015

斜齿轮减速机

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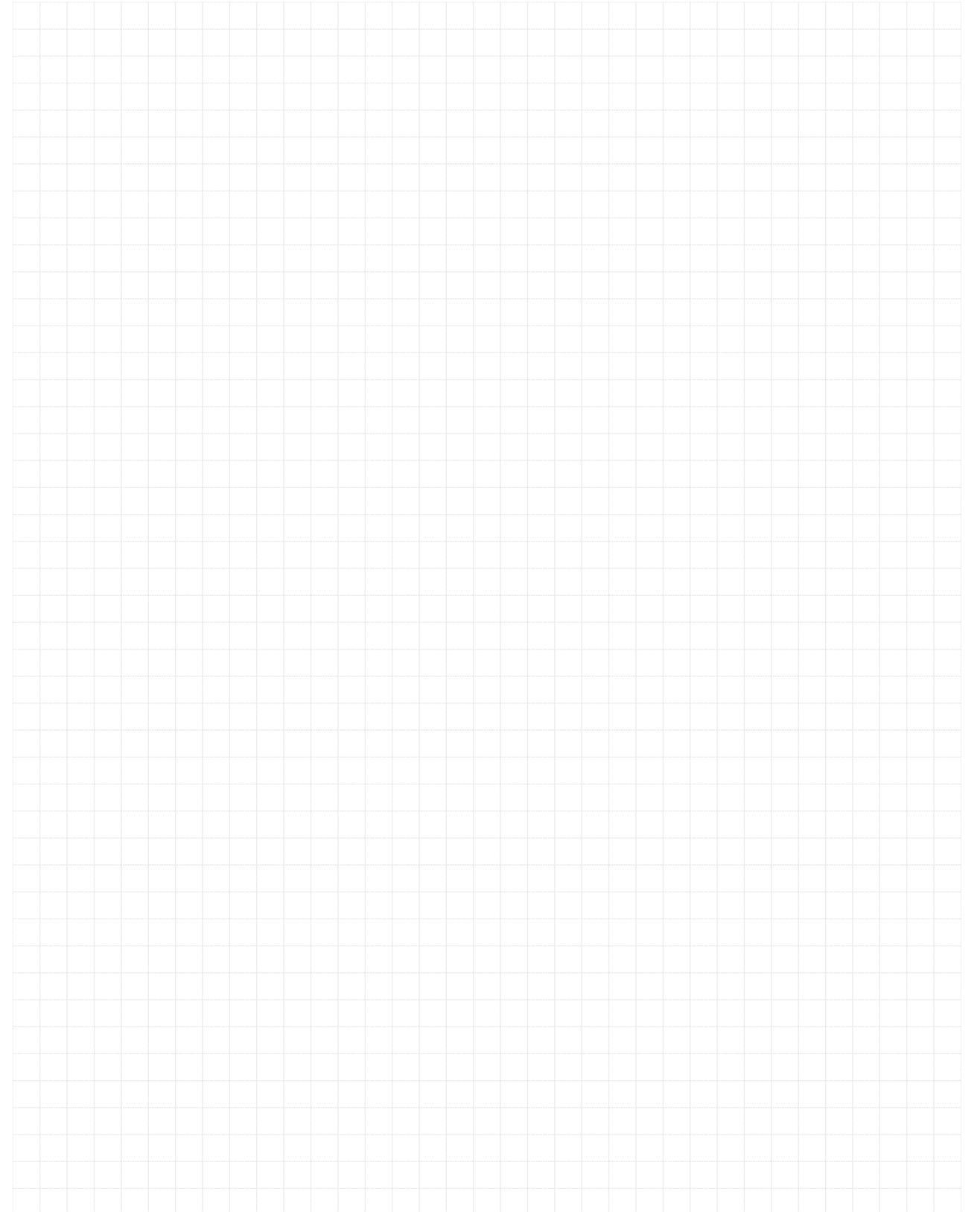
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1. 产品特点

SR系列斜齿轮减速器由2级、3级减速和组合型传动组成,总共有12种规格的斜齿轮减速器,可在任意位置卧式或法兰安装。

实心输出传动采用高强度的硬齿面斜齿轮，传动扭矩大，抗冲击能力强，结构紧凑，能耗低，噪音低。

输出扭矩高达28000N.m;

输出功率可达200KW。

承受过载能力高，两个斜齿轮减速箱和电机组合起来（多功能减速器）可获得特别低的输出速度。

2. 安全说明

SR系列产品按最佳设计惯例，计算和制造，保证在各种场合下安全使用。

根据具体应用的工况系数所计算的等效功率等于或小于所选减速机的额定功率和使用系数。顾客应确保该减速机避免受到驱动设备的任何振动或非正常负载的影响。

产品如果应用在以输送货物为主，偶尔载人的系统，在设计载荷范围内，符合有关安全规定，并且载荷情形已被系统设计者或来自有关权威部门的用户确认的情况下，本公司的质保可以有效。另外，产品严禁用于载人为主的系统中，例如货梯，电梯，自动扶梯，载人升降机，滑雪拖车和滑雪升降机等。

The features of SR

SR series gear motors is made up of 2-stage,3-stage deceleration and combined driving.There are total 12 kinds of specifications for bevel gear speed reducers.Horizontal type and flange type installation at any position are available.

With solid shaft output, driving adopts high strength hard gear surface bevel gear, with features of large driving torque, strong impact resistance,compact structure,low energy consumption,low noise.

Output torque reaches 28000N.m.

Output power reaches 200kw.

With high overload bearing capacity,if two bevel gear reduction boxes are combined with electric motor(multiple-stage speed reducer), specially low output speed can be achieved.

Safety instructions

SR series gearmotors have best design, which can operate safely in all kind of situations.

According to the operation condition of the concrete application coefficient calculated by the equivalent power is equal to or less than the selected gearmotor rated power and use of the coefficient. The customer shall ensure that the deceleration machine to avoid by any vibration or abnormal load to a drive device.

If products are mainly applied to cenvey goods and manned system sometimes, they conform to relevant safety regulations within range of design load, furthermore, load conditions have been confirmed by system designer or user form related authoritative departments, quality warranty will be vaild. Our products are prohibited to be applied to system that focuses on manned system including cargo elevator, passage elevator, escalator, passenger lifter, skiing trailer and skiing lifter.

3. 技术要求

灰铸铁件的箱体采用带筋的高刚性灰铸铁，其力学性能不低于GB5675中的HT250、HT200标准，灰铸铁应进行自效或人工处理。
铝合金压铸箱体采用高强度铝合金材料，其力学性能不低于Zl108标准。

Technical requirements

Grey cast iron case body adopts high rigidness grey cast iron , its mechanical property is not lower than HT250,HT200 standars in Gb5675, and grey cast iron must be processed with self-efficiency or manual treatment .Aluminium alloy die-cast case body adopts high strength aluminium alloy material,its mechanical property is not lower than ZL 108 standards.

3.1 轴承孔中心距极限偏差应符合下表规定:

Limit deviation of bearing bore central distance must conform tothe stipulations inside the table below:

中心距a(mm) Central distance	> 50~80	> 80~120	> 120~180	> 180~250	> 250~315	> 315~400	> 400~500	> 500~630	> 630~800
极限偏差 ±fa(um) Limit deviation	15	17.5	20	23	26	28.5	31.5	35	40

3.2 轴承孔中心线平行度在轴承跨距上测量应符合下表规定:

When measured in bearing span,bearing bore central line parallelism must conform to the stipulations inside the table below:

轴承跨距 (mm) Bearing span	≤125	> 125~280	> 280~560	> 560~1000
平行度公差(um) parallelism tolerance	20	25	30	40

3.3 减变速器主要部件材料及热处理应符合下表规定

Material and heat treat treatment of speed variator main parts must conform to the stipulation inside the table below

材料标准号 Material geade	热处理 Heat treatment	材料标准号 Material stander.NO	齿面 Gear surface	芯部 Core part
17Cr2Ni2Mo	渗碳淬火回火 Carburizing and quenching,tempering	JT6395-1992	HRC(60±2)	HRC30~42
20CrMnMOH				
20CrMnTiH				
GCr15	淬火 Quenching	GB/3203-1982		
42CrMO	调质 Hardening and tempering	GB/3077-1999		HBS255~286
40Cr	调质 Hardening and tempering			HBS241~286
45#	调质 Hardening and tempering	GB/T699-1999		HBS250~280

3.4 齿轮精度

分度圆直径d≤125时为6JL;
分度圆直径d > 125时为6KM;
应符合GB/10095-1988规定。

Gear accuracy

When reference circle diameter d≤125,the numerical value is 6JL;
When reference circle diameter d > 125,the numerical value is 6JL;
GB/10095-1988

3.5 齿轮减速器装配时最少侧隙应符合下表规定:

When installing gear reducer,minimun lateralpace must conform to the stipulations inside the table below:

中心距a(mm) Central distance	≤80	> 80~125	> 125~180	> 180~250	> 250~315	> 315~400	> 400~500	> 500~630	> 630~710
um	120	140	160	185	210	230	250	280	320

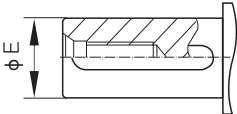
3.6 圆锥滚子轴承(接触角 β < 10~16°)轴向间隙应符合下表规定:

Axial clearance of conical roller bearing (contace angle β < 10~16°)must conform to the stipulations inside the table below:

轴承内径d(mm) Bearing internal diameter	轴向间隙(um) Interaxial interval	允许轴承跨距 Allowable bearingspan
≤30	40~70	14d
> 30 ~50	50~100	12d
> 50~80	80~150	11d
> 80 ~120	120~200	10d
> 120 ~180	200~300	9d
> 180 ~260	250~350	6.5d

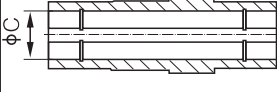
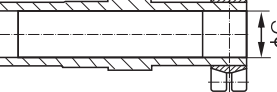
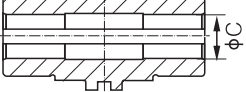
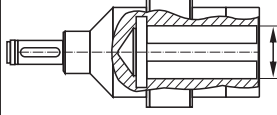
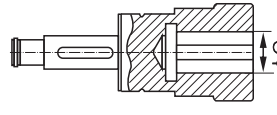
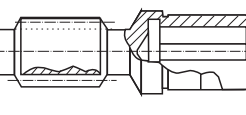
3.7 轴伸公差应符合下表规定:

Shaft extension tolerance must conform to the stipulations inside the table below:

轴径 Shaft diameter	公差 Tolerance	轴伸 Shaft extension 
φ E≤50	k6	
50 < φ E≤250	m6	
φ E > 250	n6	

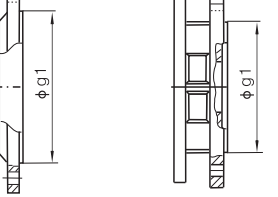
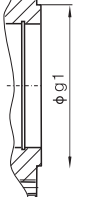
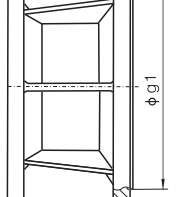
3.8 孔径公差应符合下表规定

Hole diameter tolerance must conform to the stipulations inside the table below:

孔径 Hole diamter	公差 Tolerance	输出孔 Output hole		输出孔 Output hole
φ C	H7			
		输入孔Input hole	输入孔Input hole	输入孔Input hole
				

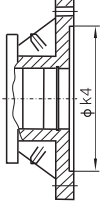
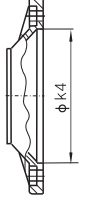
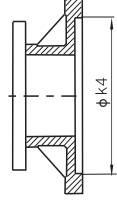
3.9 外止口公差应答合下表规定:

Male half coupling tolerance must conform to the stipulations inside the table below:

外止口 Male half coupling	公差 Tolerance	输出法兰 Output flange	(SC、Wj)箱体端面外止口 Male half coupling of case end surface	(WB、X) 立式机座 Vertical-type baseframe
φ g1	h7			

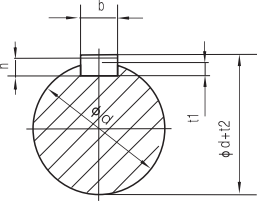
3.10 内止口公差应符合下表规定:

Female half coupling tolerance must conform to the stipulations inside the tale below:

孔径 Hole diameter	公差 Tolerance	电机联接法兰 Contact flange of electric motor	电机联接法兰 Contact flange of electric motor	(Wj、Wd) 输出法兰 Output flange
φ k4	H8			

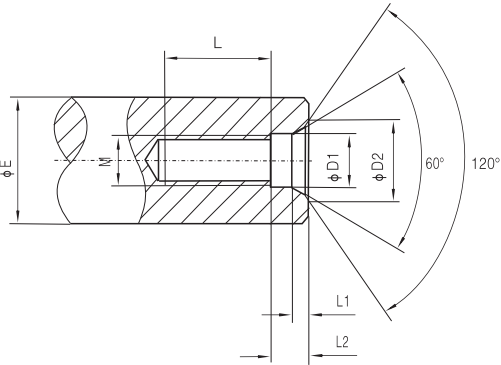
3.11 平键和键槽应符合下表规定:

parallel key and key slot must conform to the stipulations inside the table below:

				
直径 Diameter	宽度 width	高度 Height	轴键槽深度 Depth of keyway in shaft	轮毂键槽深度 Depth of keyway in bub
d	b	h	t1	d+t2
> 8 ~10	3	3	1.8	d+1.4
> 10~12	4	4	2.5	d+1.8
> 12 ~17	5	5	3	d+2.3
> 17 ~22	6	6	3.3	d+2.8
> 22 ~30	8	7	4	d+3.3
> 30 ~38	10	8	5	d+3.3
> 38~44	12	8	5	d+3.3
> 44 ~50	14	9	5.5	d+3.8
> 50~58	16	10	6	d+4.3
> 58 ~65	18	11	7	d+4.4
> 65 ~75	20	12	7.5	d+4.9
> 75~85	22	14	9	d+5.4
> 85 ~95	25	14	9	d+5.4
> 95 ~110	28	16	10	d+6.4
> 110~130	32	18	11	d+7.4
> 130 ~150	36	20	12	d+8.4
> 150~170	40	22	13	d+9.4
> 170~200	45	25	15	d+10.4
> 200 ~230	50	28	17	d+11.4
> 230~260	56	32	20	d+12.4
> 260~290	63	32	20	d+12.4
> 290 ~330	70	36	22	d+14.4
> 330~380	80	40	25	d+15.4
> 380 ~440	90	45	28	d+17.4
> 440 ~500	100	50	31	d+19.4

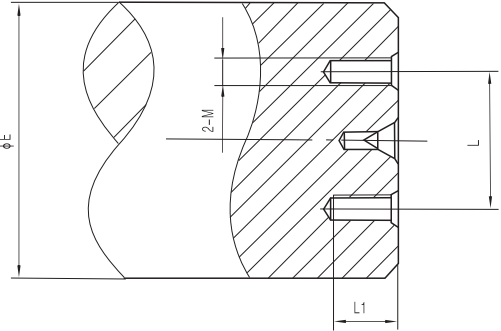
3.12 实心轴轴端螺孔应符合下表规定：

Shaft end screw hole of solid shaft must conform to the stipulations inside the table below:

轴端单螺孔(C型带螺纹的中心孔) Shaft end single screw hole (C-type central hole with screw thread) 						
E	M	L	L1	L2	D1	D2
≤10	M3	10	1.8	2.6	3.2	5.8
> 10~13	M4	10	2.1	3.2	4.3	7.4
> 13~16	M5	10	2.4	4	5.3	8.8
> 16 ~21	M6	12	2.8	5	6.4	10.5
> 21 ~24	M8	12	3.3	6	8.4	13.2
> 24 ~30	M10	15	3.8	7.5	10.5	16.3
> 30~38	M12	20	4.4	9.5	13	19.8
> 38~50	M16	25	5.2	12	17	25.3
> 50~85	M20	30	6.4	15	21	31.3
> 85 ~130	M24	35	8	18	25	38
> 130 ~225	M30	45	11	18	31	48
> 225~320	M36	55	15	22	37	60
> 320 ~500	M42	60	19	26	43	71
> 500 ~710	M48	65	23	30	49	83

*注:轴端双螺纹孔时,订货时需特殊说明。

*Note:If two holes in shaft-end are necessary,please make a specification for it when placing an order.

轴端双螺孔 Shaft end double-screw hole 			
E	M	L1	L
> 40~45	M8	1.5	20
> 45~50			22
> 50~60	M10	18	26
> 60~70			36
> 70~80			50
> 80~100			60
> 100~110			70
> 110~120	M12	20	80
> 120 ~130			85
> 130~140			90
> 140 ~150			110
> 150 ~165			120
> 165~180	M16	28	130
> 180~210			160
> 210~230			160
> 230 ~280			180
> 280 ~290	M20	38	190
> 290 ~310			220
> 310 ~330	M24	45	230
> 330 ~340			240
> 340			250

*注:轴端双螺纹孔时,订货时需特殊说明。

*Note:If two holes in shaft-end are necessary,please make a specification for it when placing an order.

4. 安装与拆卸

在户外安装时应避免阳光直射，以免应力集中影响减速机的正常运行，可采用太阳棚或减速机罩遮盖。

整机安装时，应准备刚性好的基座或牢固支架，以保证在最大载荷时也不至于改变减速机安装后的各部件位置。

卧式安装时，应校准安装面与输出轴之间的中心高。

立式安装时，应校准轴端到输出法兰端面的距离。

联轴器连接时，应校准两安装轴同轴度，并保证浮动量不超过联轴器的允许范围。

长轴连接时，应考虑轴的足够刚度。

扭力臂安装时，空心轴与工作轴应配合良好，工作轴的浮动或设备的震动应小于弹性衬套允许范围。

在减速机实心轴上安装连接件时（如链轮，皮带轮，齿轮），如需加热时，应保护好轴上的油封，要用防热屏避免减少热辐射。

在安装连接件时，请勿重击，应用螺丝从输出轴端螺孔压入。

在装皮带轮，链轮，齿轮，搅拌式时还需考虑径向力。

Installation and disassembly

When installing the product outside, it should avoid direct sunlight in order to keep gearmotor normal operation.

It should prepare the rigid chassis and support before installing the whole product, which ensure the right position of parts of product at the maximum load.

It should calibrate the height of center between the gearbox mounting face and output shaft in a horizontal position.

The distant between the shaft end and output flange end should be adjusted in a vertical position.

When the coupling connects, the coaxiality of two mounting shafts should be calibrated and ensure the flotatingdisplacement within the allowedrange of coupling.

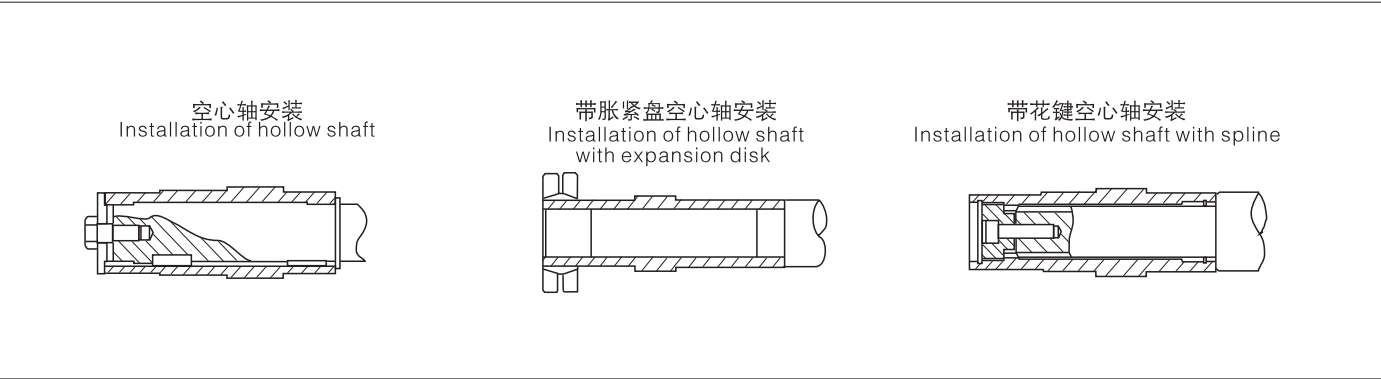
Considering enough rigidity of shaft in time of long shaft connection.

Hollow shaft should match well with working shaft when installing torque arm. Working shaft floating or equipment vibration should be less than allowable range of flexible shaft housing.

When installing connecting pieces (chain pulley, blet pulley and gear etc.) on solid shaft of gear box, it should protect the oil seal on shaft and adopt heat proof shield to avoid the thermal radiation if they need haating.When installing connecting pieces, it should use screw to press them frominput shaft end screw hole. In time of installing belt pulley, chain pulley and gear, it should consider radial force during the course of stirring.

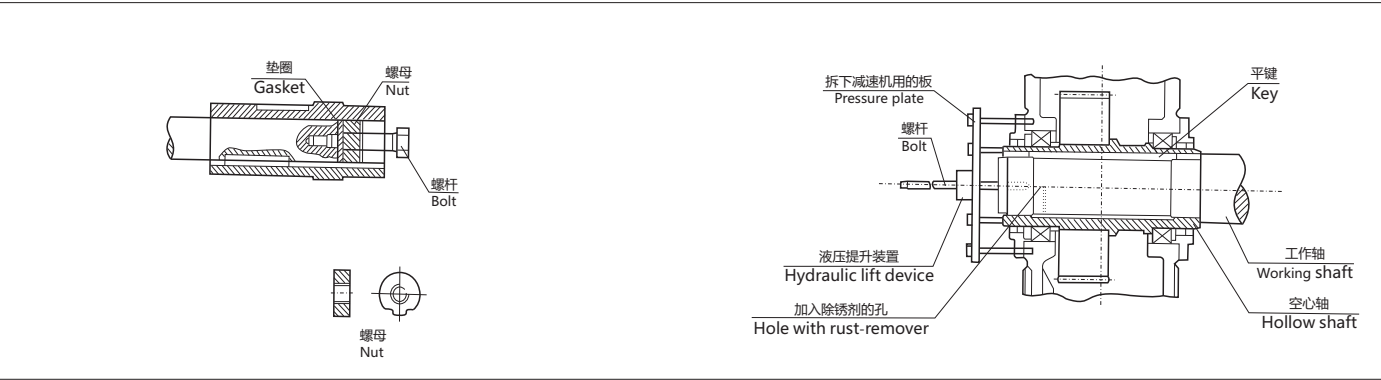
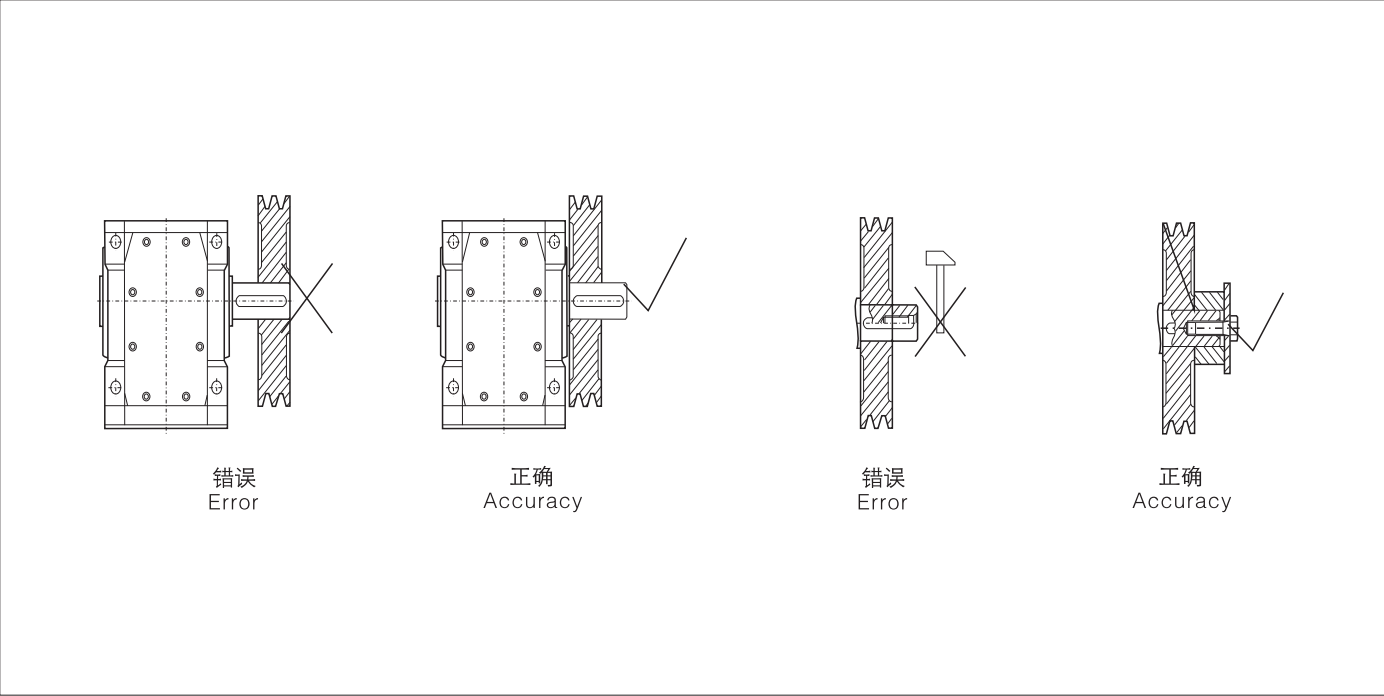
在安装空心轴，带胀紧盘空心轴和带渐开线花键空心轴与客户芯轴时，应将空心轴清理干净并涂防锈油，并保证空心轴与芯轴的同轴度。带胀紧盘的空心轴内孔和芯轴接触区域内不得有任何润滑脂。

When installing the hollow shaft, it should clean the hollow shaft and apply coat of antirust oil before install all kind of hollow shaft. The coaxiality of hollow shaft and mandrel should be calibrated. There are not any lubricating grease inside the contact area of internal hole of hollow shaft with expansion disk and mandrel.



空心轴的拆卸应根据现场实际可使用的设备，可以用端板上的螺杆（参考下图），中心螺杆或者液压提升装置将减速机从机器轴上脱下来，空心轴的每个端面都配备了2个螺丝孔可以拧入固定端板的螺栓。

It can pull gear box down from machine shaft with screw bolt (refer to diagram blew), central screw bolt or hydraulic lifting on endplate when removing the hollow shaft. Each end surface of hollow shaft is furnished with two screw holes, into which bolt for fixing endplate can screwed.



5. 润滑油的更换

如无特殊情况，最好使用同一牌号，同一厂家的润滑油。如需更换，请将减速机箱体里面的沉积物，金属颗粒和残留的润滑油清洗干净。

Replacement of lubrication oil

If no special circumstances, it would be better use lubrication oil with the same brand and manufacturer. If the lubrication oil has to be replaced, it is necessary to clean all sediments, metal particles and remaining lubrication oil.

5.1 SR系列油量表(单位L)

SR series oil capacity table(Unit:L)

油量(L) Oil (L) 机型号type	安装方位 Installation direction	W1	W2	W3	W4	W5	W6	B1	B2	B3	B4	B5	B6
SR37		0.5(1.2)	1	1	1.5	1	1	1.5	0.5(1)	1	1.1	1.2	1.1
SR47		1(1.7)	1.7	2	2	1.5	1.5	2	1(1.5)	1.5	2.3	1.7	1.7
SR57		1.2(2)	2.1(3)	2.5	3	1.7	1.7	3	1.2(2)	2.2(3)	3	1.85	1.8
SR67		1.3(2.5)	2.5(3.7)	3	3.5	2	2	3.5	1.5(2.5)	3(3.5)	3.5	2	2
SR77		1.5(3.2)	4(4.5)	4	4.5	3.5	2.5	4.5	1.5(2.5)	4(4.5)	4.2	3	3
SR87		2.5(6.3)	7(8.5)	7.5	8	6.5	6.5	8	2.5(6)	7(8)	7.5	6.5	6.5
SR97		5(10)	12(15)	12	13.5	11.5	11.5	14	5.5(10.5)	12(14)	12	12	12
SR107		6.5(13.5)	17	17	19.5	16	13.5	19.5	6.5(15)	16	17	13	17
SR137		11(27)	29	30	31.5	25	25	32.5	9.5(25)	27	31	25	25
SR147		16(45)	47	49	53	41	39.5	52	16.5(45)	47	50	40	41
SR167		29(75)	85	78	90	70	66	88	26(70)	82	80	65	70
SR187		43(100)	170	150	170	140	120	150	37(120)	150	135	120	135

注:三级传动时表中油量选择括号内参数

Note:Choose parameters inside bracket fr oil capacity in the table in time of 3-stage drive.

5.2 润滑油牌号选择

Selection of lubricating oil brand

环境温度℃ Ambient temperature	ISO粘度与NLGI相应 Adnesivenessof ISO and NIGI unitive	GB牌号 L-CKC			
-25~+80	VG220	N220	Mobil Glygoyle 30	Shell Tivela 01WB	
0~+40	VG220	N220	Mobil gear 630	Shell Omala 01220	SPARTAN EP 220
-15~+25	VG150 VG100	N150	Mobil gear 629	Shell Omala 01 100	SPARTAN EP150
-30~+10	VG68-VG32	N68	Mobil D.T.E 15M	Shell Omala 01 T 32	ESSOATF D-21611
-20	VG22 VG15	N22	Mobil D.T.E 11M	Shell Omala 01 T 15	UNIVIS J 13
-45~+60	VG680	N680	Mobil Glygoyle HE 680		

5.3 润滑油种类选择

Category selection of lubricating oil

减速器使用工况 Operating condition of speed reducer	润滑油种类 Category of lubricating oil
冶金轧钢、井下采掘、高温有冲击、含水等 Metallurgy steel rolling,underground excavation, high temperature;impact, water-bearing etc	L-CKD重载荷工业齿轮油(GB5903-1995) L-CKD heavy load industrial gear oil (GB5903-1995)
其余 Other	L-CKC中载荷工业齿轮油(GB5903-1996) L-CKC moderate load industrial gear oil (GB5903-1996)
注:若选用合成齿轮油则更有良好的抗老化性能,可有效地提高减速器的机械效率 Note:Selection of synthetic gear oil can ensure better ageing resistance and effectively enhance mechanical efficiency of speed reducer.	

5.4 润滑油粘度选择

selection of lubricating oil viscosity

条件 Conditions	润滑油粘度等级40℃温度下的ISO-VG粘度mm2/s(cst) ISO-VG viscosity mm2/s under temperature of 40℃ lubricating oil viscosity
高速级齿轮圆周速度V < 2.5m/s,或环境温度在35~50℃之间 High speed level gear circular velocityV < 2.5m/s, ambient temperature:35~50℃	VG320或VG460 VG320orVG460
高速级齿轮圆周速度V > 2.5m/s,或环境温度在35℃以下,或采用循环油润滑 High speed level gear circular velocityV > 2.5m/s,or ambient temperature is lower than 35℃,or adopt lubrication of circulating oil	VG220

5.5 浸油润滑油的工作温度

Working temperature of lubricating oil under flooding system lubrication

润滑油的种类 Category of lubricating oil	工作温度℃ Working temperature
中载荷工业齿轮油(L-CKC) Moderate load industrial gear oil(L-CKC)	-8℃至+90℃(瞬间可达100℃) -8℃至+90℃ (reach100℃ within instantaneous time)
重载荷工业齿轮油(L-CKD) Heavy load industrial gear oil(L-CKD)	-5℃至+100℃(瞬间可达110℃) -5℃至+100℃ (reach110℃ within instantaneous time)

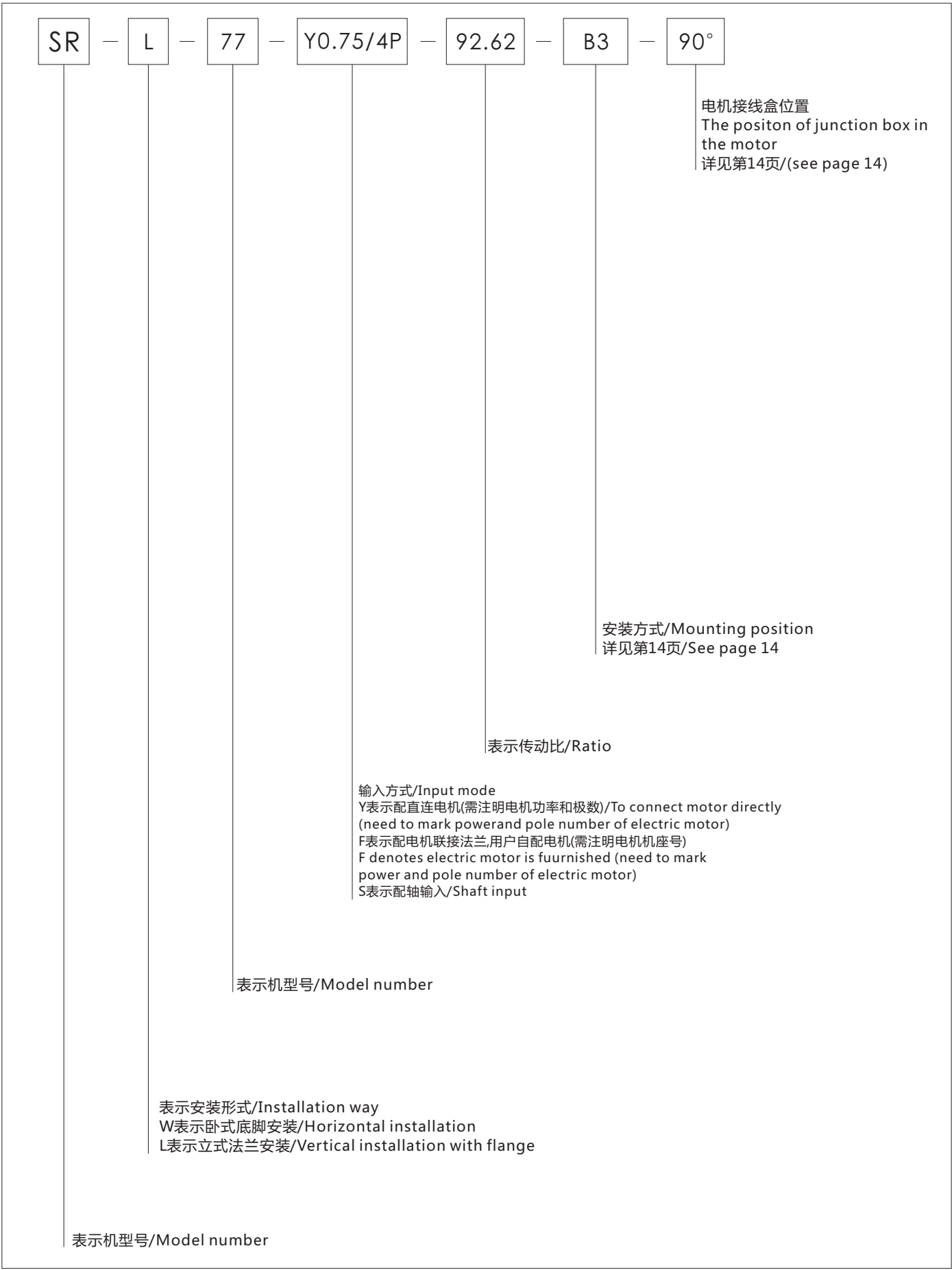
5.6 强制润滑油允许的极限温度

Allowable limiting temperature of lubricating oil under forced lubrication

40℃温度下的ISO-VG粘度mm2/s(cst) ISO-VG viscosity mm2/s under temperature of 40℃							VG220	VG320	VG460
矿物油 Mineral oil							10-80	15-90	20-95
合成油 Synthetic oil							0-90	5-100	10-105
注:当油温低于表中所列数值时,必须提供浸油润滑方式,或对润滑加热。 Note:When oil temperature is lower than the numerical value listed in the table,flooding system lubrication mode must be offered,or heat lubrication.									

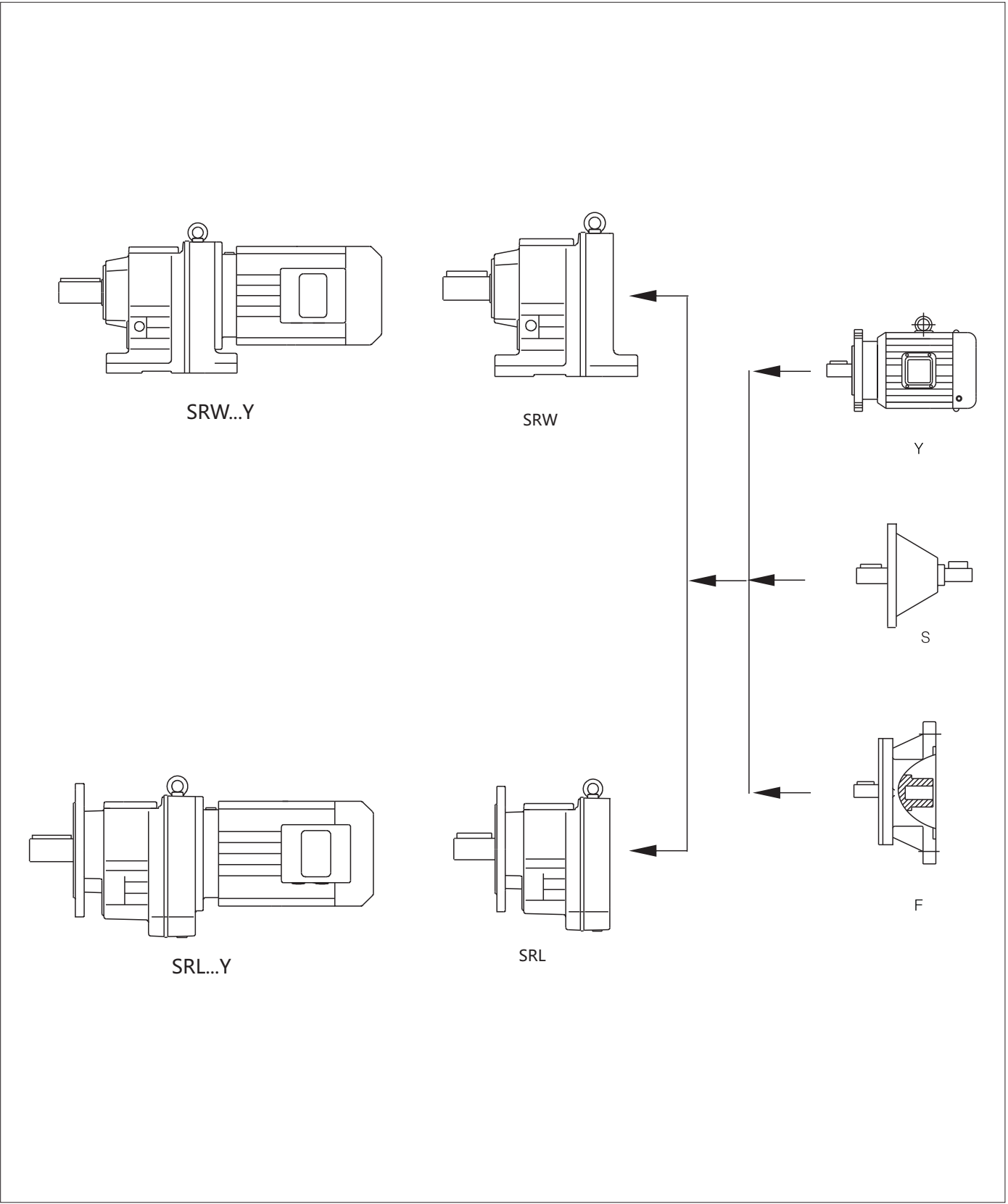
1. 产品机型表示方法

Product designations



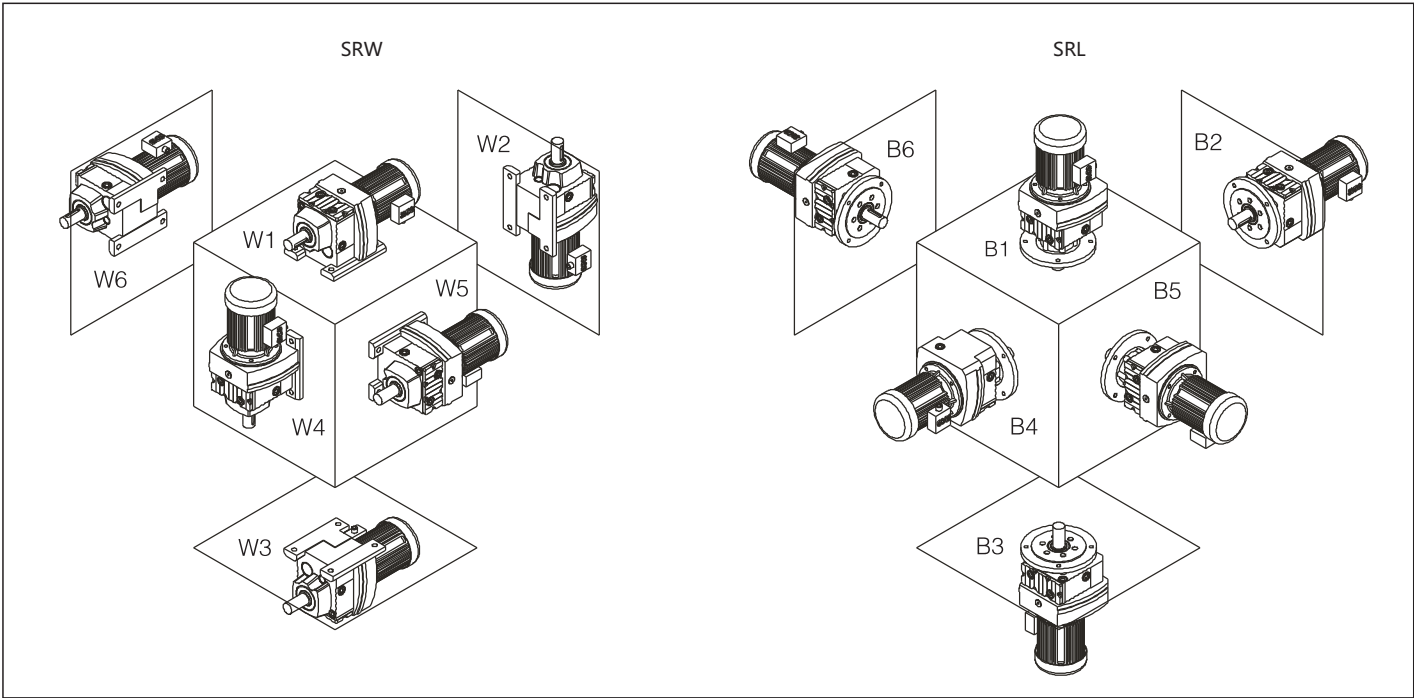
2. 产品类型

Product types



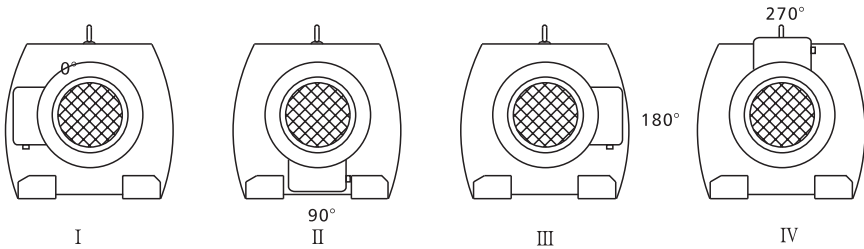
3. SR系列安装方位图

SR series installation direction diagram



4. SR系列电机接线盒位置

SR series motor wiring case position



5. SR系列重量表

SR series weight table

机型号/Type	SR37	SR47	SR57	SR67	SR77	SR87	SR97	SR107	SR137	SR147	SR167	SR187
重量kg/weight kg	10	15	21	27	35	65	120	165	255	370	700	1500

注:表中重量为不加油时重量,带输入轴、输入法兰另加10% ;
带电机根据所配规格另加。

Note:Weight in the table means the weight when oil is not added .
When input shaft is furnished,10%weight should be added,Ifthere is
a motor,please add weight according to motor type.

1.选型步骤与举例

1.1 已知条件：

1.1.1 载荷类别

一台中等冲击的被驱动设备。
扭矩 T2 = 850N.m；功率P1 = 5.5KW 4极电机；
输入转数 n1 = 1450rpm；输出转数 n2 = 51rpm；
每天工作16小时；每小时起动6次；每次工作8分钟；
环境温度28℃；海拔高150米。

1.1.2 安装方式

减速机与电机直连，减速机立式法兰水平安装；

1.1.3 输出方式

实心轴与法兰在箱体左边输出（从电机往减速机箱体方向看）；

1.1.4 连接方式

通过公称直径D=200mm的皮带轮与被驱动机械连接。

2. 选型及计算：

2.1 计算传动比 i =n1/n2=1450/51=28.43

2.1.1 校核工况系数Fg =δ1 x f1xf2 < FB (具体参数，请查看第17、18页)
根据被驱动设备需要
扭矩 T2 = 850N.m；传动比 i = 28.43；
工况系数 Fg = 1.25

SR型号的精确传动比 is = 27.62 (与理想传动比Ci接近) ；
配置功率 P1 = 5.5KW时，输出扭矩 T2 = 940N.m，使用系数
FB = 1.5。(请查阅传动能力表SR87，第25页)
Fg (1.25) < FB (1.5) 满足要求。

2.1.2 校核减速机输入和输出轴上允许径向力 FR

$$FR= \frac{2000 \times T2 \times \delta3 \times \delta4}{d} > Fr2$$

δ3=1.3, δ4=1。
(这里假设皮带轮安装在减速机输出轴轴身中间>0.5)
详见请查阅第17页。

$$FR= \frac{2000 \times T2 \times 1.3 \times 1}{d} > 11050N$$

SR87在27.62传动比时Fr2 = 12580N。
(查SR输入和输出轴径向力表，详见第19页)
FR(11050N)<Fr2(12580N)
满足要求。

2.1.3 确定润滑油供油方式和润滑油选择

减速机采用浸油润滑，选择润滑油GB-N220。
(详见第10页)

3. 确定型号

SRLA87-Y5.5/4P-27.62-1ZA-B1-0°

1. Gearmoters guidelines for the selection

1.1 The known conditions:

1.1.1 Load category

A set of driven equipment with moderate impact.
Torque = 850N.m; Power = 5.5kw
4-pole motor;
n1 = 1450rpm; n2 = 51rpm
Orperating 16 hours per day; Starting 6 times per hour;
Working 8 minutes per minute
Ambient temperature 28°C; Altitude of 150 meters.

1.1.2 Mounting position

Gear box connect directly the motor and the gearmotor is mounted
horizontal installation wirh vertical-tyoe flange.

1.1.3 Output mode

The solid shaft and flange on the left of the case (viewing in the
direction from motor to gear box)

1.1.4 Connection mode

Through the belt pulley (D=200mm) and driven mechanism.

2. Selection and calculation

2.1 Ratio = n1/n2 = 1450/51 = 28.43

2.1.1 Check working condition coefficient Fg=δ1 x f1xf2<FB.(See page
17、18)
In accordance with requirement of driven equipment
Torque(T2) = 850N.m; Ratio(i) = 28.43;
Working condition coefficient(Fg) = 1.25.

The accurate ratio of SR model is 27.62, which is close with the
ideal
ratio(Ci). When the power(P1) is 5.5kw, the output torque(T2) is
940N.m
and the service factor(FB) is 1.5.
(See table SR87，page 25)

$$Fg (1.25) < FB (1.5)$$

It is to meet the requirements.

2.1.2 Checking the radial force on the output shaft of gearmotor(FR).

$$FR= \frac{2000 \times T2 \times \delta3 \times \delta4}{d} > Fr2$$

δ3=1.3, δ4=1。
(Assuming the belt pulley install on the putput shaft of gearmotor.)
see page17.

$$FR= \frac{2000 \times T2 \times 1.3 \times 1}{d} > 11050N$$

When the ratio is27.62 in SR87, the radial force(Fr2) is 12580N.
FR(11050N)<Fr2(12580N)
It is to meet the requirements.
(see page 19)

2.1.3 Define oil supply mode and selection of lubrication oil

When gearmotor adopts flooding system lubrication, gearmotor
should choose lubricating oil(GB-N220).
(see page 10)

3. Determine type and size

SRLA87-Y5.5/4P-27.62-1ZA-B1-0°

2. 从动机负载类别

Driven machine load categcry

应用行业	Application field	每天工作小时				应用行业	Application field	每天工作小时			
		Operating time per day						Operating time per day			
		≤3h	≤4~8h	≤9~16h	> 17~24h			≤3h	≤4~8h	≤9~16h	> 17~24h
食品工业	Food industry					发电机	Generator				
粉碎机	Crusher	2.0	2.25	2.5	2.75	木材和塑料工业	Lumber and plastic industry				
切块机、揉面机	Root cutting	1.25	1.5	1.75	2.0	电锯的主动力	Active force of saw	2.0	2.25	2.5	2.75
绞肉机	Meat grinders	1.25	1.5	1.75	2.0	电锯的进给动力	Feeding force of saw	1.25	1.5	1.75	2.0
填充机	Filling machines	*0.8	1.00	1.10	1.20	轧碎机	Crusher	2.0	2.25	2.5	2.75
和面机	Dough mixer	1.25	1.5	1.75	2.0	胶合板胶机	Veneer gluing machine	1.25	1.5	1.75	2.0
挤压机	Extruding machine	1.25	1.5	1.75	2.0	钻孔机	Drilling machine	1.25	1.5	1.75	2.0
甘蔗切碎机	Sugar cane chopper	2.0	2.25	2.5	2.75	挤压机	Extruding machine	1.25	1.5	1.75	2.0
烤面包机	Toaster	1.25	1.5	1.75	2.0	机床设备	Machine tool equipment				
输送机系统	Conveyor system					冲床、折弯机	punching and bending machine	1.25	1.5	1.75	2.0
均匀载荷	Even load	*0.8	1.00	1.10	1.20	主动力、进给动力	Active force,feeding force	1.25	1.5	1.75	2.0
重载链螺旋式输送机	Heavy duty and screw conveyor	1.25	1.5	1.75	2.0	压力机	Press machine	2.0	2.25	2.5	2.75
振动输送机	Vivrating conveyer	2.0	2.25	2.5	2.75	折边机	Seaming machine	2.0	2.25	2.5	2.75
纺织机械	Textile machinery					剪板机	Plate shearer	2.0	2.25	2.5	2.75
织机	Weaving machine	1.25	1.5	1.75	2.0	钢铁工业	Steel industry				
纺纱机	Spinning machine	*0.8	1.00	1.10	1.20	拉丝机	Wire drawing machine	1.25	1.5	1.75	2.0
洗涤机	Washer	1.25	1.5	1.75	2.0	绕线机	Winding machine	1.25	1.5	1.75	2.0
印刷机械	Printing machinery					滚筒-工作台驱动	Roller-workbench drive	**	**	**	**
平板切纸机	Sheet cutter	1.25	1.5	1.75	2.0	轧辊辊道	Roller way	1.25	1.5	1.75	2.0
卷绕机	Winding machine	*0.8	1.00	1.10	1.20	(无回转-组合动力)	(non-revolution-combined force)				
打包进料机	Packaging feeder	1.25	1.5	1.75	2.0	独立动力	Independent force	2.0	2.25	2.5	2.75
包装机械	Packaging machinery					磨机	Grinder				
包装机	Packaging machine	1.25	1.5	1.75	2.0	球磨机、棒磨机	Ball crusher,rod mill	2.0	2.25	2.5	2.75
包扎机	Bundling machine	*0.8	1.00	1.10	1.20	锤磨机、离心式磨	Hammermill,centrifugal grinder	2.0	2.25	2.5	2.75
搅拌机机械	Blending machinery					卷线机	Winder				
纯液体（均匀密度）	Pure liquid(Even density)	*0.8	1.00	1.10	1.20	泵	Pump				
非均匀密度液体	Uneven density liquid	1.25	1.5	1.75	2.0	旋转泵	Rotary pump	1.25	1.5	1.75	2.0
固体中含液体	Liquid contained in solid	1.25	1.5	1.75	2.0	循环泵	Circulating pump	*0.8	1.00	1.10	1.20
混合机械	Mixing machinery					齿轮泵	gear pump	*0.8	1.00	1.10	1.20
均匀密度	Even density	*0.8	1.00	1.10	1.20	叶轮泵	impeller pump	*0.8	1.00	1.10	1.20
不均匀密度	Uneven density	1.25	1.5	1.75	2.0	活塞泵、单缸	Piston pump,single-cylinder	**	**	**	**
吊车和起重机	Crane and lifting machine					多缸	Multi-cylinder	1.25	1.5	1.75	2.0
提升装置	Lifting device	**	**	**	**	螺旋泵	Spiral pump	1.25	1.5	1.75	2.0
回转机构	Swing mechanism	*0.8	1.00	1.10	1.20	风扇	Fan				
俯仰机构	Elevating mechanism	1.25	1.5	1.75	2.0	离心式风扇	Centrifugal fan	1.25	1.5	1.75	2.0
行走机构	Running mechanism	1.25	1.5	1.75	2.0	工业风扇	Industrial fan	1.25	1.5	1.75	2.0
提升机构	Lifting mechanism	1.25	1.5	1.75	2.0	冷却塔动力	Cooling tower drive	1.25	1.5	1.75	2.0
转臂式起重机	Jibcrane	1.25	1.5	1.75	2.0	水处理	water treatment				
建筑业	Construction industry					表面通风装置	Surface ventilator	2.0	2.25	2.5	2.75
搅拌机	Blender	1.25	1.5	1.75	2.0	循环系统	Circulating system	2.0	2.25	2.5	2.75
水泥厂	Cement plant	2.0	2.25	2.5	2.75	耙机和引导机	Raker and vectoring machine	*0.8	1.00	1.10	1.20
砂浆喷枪	Sand pulp spraygun	*0.8	1.00	1.10	1.20	螺旋泵	Spiral pump	1.25	1.5	1.75	2.0
酿造和蒸馏	Hrewage and distillation					滤网	Filter screen				
碾磨机	Pulverizing machine	1.25	1.5	1.75	2.0	旋转筛（石、沙砾）	Rotary screen(stone,sand)	1.25	1.5	1.75	2.0
装瓶机	Bottling machine	1.25	1.5	1.75	2.0	水循环筛网	Water cycle screen mesh	*0.8	1.00	1.10	1.20
电梯	Elevator					伺服驱动系统	Servo driving system				
提升机	Hoisting machine	1.25	1.5	1.75	2.0	伺服运行	Servo operation	*0.8	1.00	1.10	1.20
货运电梯	Cargo elevator	1.25	1.5	1.75	2.0	设定模式、空载动	Setting mode,zero load action	1.25	1.5	1.75	2.0
自动扶梯	Escalator	*0.8	1.00	1.10	1.20	正常运行	Normal operation	2.0	2.25	2.5	2.75
过滤器	Filter	1.25	1.5	1.75	2.0	农业机械	Agricultural machinery				
						排水沟清理机	Drainage ditch cleaner	*0.8	1.00	1.10	1.20
						收割机	Reaper	*0.8	1.00	1.10	1.20

3. 从动机负载系数–f1

Driven nachine application factor-f1

从动机负载类别 Load classification of driven maschine	每天使用小时h/24h Servicehours per day h/24h			
	≤3h	≤4~8h	≤9~16h	> 17~24h
类别U均匀载荷 Group u uniform load	*0.8	1.00	1.10	1.20
类别M中等冲击载荷 Group Uuniform load	1.25	1.5	1.75	2.0
类别C相当大的冲击载荷 Group M moderate shocds	2.0	2.25	2.5	2.75
注:如果惯性系数CMg > 10,请与我们技术部联系。		Note:If mass acceleration factors Mg > 10,please call our Technical Service		
*=0.8为运行时间 < 3h/24h , 并且无外界负荷		*0.8If operating time < 3h/24h and mo external loads occur		

4. 从动机负载连接系数– δ 3

Load connection coefficient of driven machine-δ3

从动机与减速机之间的联接件 Connecting part between driven machine and speed reducer	δ3
链轮 Chain wheel	1.12
经加工的小齿轮或齿轮 processed small gear or gear	1.25
同步(定时)皮带轮 Synchronous(timing)belt pulley	1.30
有预加压力作用V型皮带轮 V-type belt pulley acted with pressure	1.56~2.00
有预加压力作用的扁平皮带轮 Flat belt pulley acted with pressure	2.50

5. 从动机负载位置系数– δ 4

Load position coefficient of driven machine– δ 4

从负载中心线到轴肩的距离与轴伸长度的比值 Ratio of distance from load central line to shaft shoulder and length of shaft					
≤0.5	≤0.6	≤0.7	≤0.8	≤0.9	≤1
1	1.2	1.4	1.6	1.8	2

6. 每小时起动次数的修正系数– δ 1

Correction factor dependent upon the number of start-ups per hor- δ 1

启动次数/小时 Start-ups/hour	每天使用小时h/24h Servicehours per day h/24h		
	≤8h	9~16h	> 17~24h
< 10	1.00	1.00	1.00
< 100	1.10	1.10	1.15
< 500	1.10	1.15	1.25

7. 原动机系数–f2

Factor for prime mover-f2

电机、液压马达、汽轮机 Electric motors, hydraulic motors, trbines	1
4-6缸活塞发动机,周期变化1:100至1:200 Piston engines 4-6cylinders,cyclic variation 1:100 to 1:200	1.25
1-3缸活塞发动机,周期变化1:100 Piston engines 1-3cylinders,cyclic variation up to 1:100	1.50

8. SR系列输入输出轴径向力

SR series input/output shaft radial force

SR37			SR47			SR57			SR67			SR77			SR87		
is	4P(1450rpm)		is	4P(1450rpm)		is	4P(1450rpm)		is	4P(1450rpm)		is	4P(1450rpm)		is	4P(1450rpm)	
	Fr1(N)	Fr2(N)		Fr1(N)	Fr2(N)		Fr1(N)	Fr2(N)		Fr1(N)	Fr2(N)		Fr1(N)	Fr2(N)		Fr1(N)	Fr2(N)
5.00	890	646	5.02	990	1930	5.11	1190	2750	5.11	1390	3570	4.99	2990	3990	4.90	5500	6970
6.16	880	705	5.98	1040	2040	6.10	1195	2910	6.10	1350	3780	5.96	2980	4140	6.05	5440	7630
6.88	910	850	6.87	1070	2100	6.92	1210	3000	6.92	1350	3900	6.77	2940	4190	6.76	5430	8030
7.71	1300	1460	7.56	1080	2250	7.70	1175	3115	7.70	1270	3980	7.52	2930	4190	7.78	5360	8310
8.77	1310	1480	8.74	1230	2280	8.90	1465	3220	8.60	1700	4160	8.41	2960	4330	8.66	5340	8670
10.80	1310	1530	10.43	1240	2450	10.63	1470	3865	10.50	1700	5280	10.56	1560	5350	10.61	3010	8840
12.06	1310	1545	11.97	1240	2560	12.07	1470	4040	11.91	1700	5520	11.98	1570	5600	11.85	3100	9350
13.52	1310	1595	13.18	1240	2740	13.42	1470	4195	13.25	1700	5650	13.33	1580	5720	13.65	3100	9350
15.25	1300	1700	15.34	1240	2740	15.00	1470	4260	14.81	1700	5780	14.90	1610	5990	15.18	3100	10030
17.33	1330	1770	17.08	1240	2840	16.87	1475	4450	16.65	1710	6060	16.75	1600	6280	16.98	3120	10200
18.53	1340	2030	19.13	1220	2880	19.11	1460	4555	18.86	1700	6230	18.98	1620	6470	19.12	3120	10710
21.35	1370	2180	20.31	1240	3000	20.95	1470	4710	20.68	1700	6420	20.80	1600	6780	20.80	3120	11050
24.93	1630	2630	24.62	1250	3240	24.92	1025	4830	24.60	800	6420	24.75	1210	7540	24.75	3120	11810
27.22	585	2800	27.69	1270	3440	27.69	1215	4930	27.33	1160	6420	27.72	1220	8430	27.62	3190	12580
33.55	1380	3500	33.01	510	3980	33.01	950	5200	32.59	1390	6420	33.12	1260	8430	33.00	1390	13170
37.44	1420	3850	37.91	1620	3990	37.91	950	5205	37.41	1390	6420	37.58	1290	8430	37.44	1890	13600
41.99	1480	4040	41.73	1640	4190	41.73	950	5305	41.19	1400	6420	41.80	1330	8430	41.65	1940	14280
50.09	1500	4200	48.57	1350	4370	48.57	950	5395	47.94	1400	6420	46.72	1350	8430	46.55	1030	14280
61.73	340	4200	54.08	1370	4540	54.08	950	5480	53.38	1420	6420	52.53	1360	8430	52.34	1070	14280
68.90	585	4200	60.59	1370	4600	60.59	950	5510	59.80	1450	6420	59.51	1380	8430	59.30	1110	14280
77.26	600	4200	67.60	1430	4600	67.60	950	5510	66.72	1450	6420	66.25	1560	8430	66.57	1130	14280
87.14	600	4200	74.42	1430	4600	74.42	950	5510	73.45	1450	6420	73.69	1560	8430	74.04	1130	14280
99.00	600	4200	86.61	1430	4600	86.61	950	5510	85.49	1450	6420	82.37	1560	8430	82.75	1130	14280
105.9	600	4200	96.43	1430	4600	96.43	950	5510	95.18	1450	6420	92.62	1560	8430	93.06	1130	14280
122.0	600	4200	108.0	1430	4600	108.0	950	5510	106.6	1450	6420	104.9	1560	8430	105.4	1130	14280
142.5	600	4200	114.7	1430	4600	114.7	950	5510	113.2	1450	6420	115.0	1560	8430	115.6	1130	14280
			139.0	1430	4600	139.0	950	5510	137.2	1450	6420	136.9	1560	8430	137.5	1130	14280
			160.3	1430	4600	160.3	950	5510	158.2	1450	6420	155.4	1560	8430	160.1	1130	14280
			173.1	1430	4600	173.1	950	5510	170.8	1450	6420	166.4	1560	8430	169.6	1130	14280
												192.6	1560	8430	191.8	1130	14280

注:表中is表示减速器精确传动比,
Fr1表示减速器输入轴额定径向载荷,
Fr2表示减速器输出轴额定径向载荷。

Note:is in the table denotes precise drive ratio of electric motor,
Fr1 denotes its input rated radial load of input shaft,
Fr2 denotes its rated radial load of output shaft

产品选型

Product Selection

SR系列输入输出轴径向力

SR series input/output shaft radial force

SR97			SR107			SR137			SR147			SR167			SR187		
is	4P(1450rpm)		is	4P(1450rpm)		is	4P(1450rpm)		is	4P(1450rpm)		is	4P(1450rpm)		is	4P(1450rpm)	
	Fr1(N)	Fr2(N)		Fr1(N)	Fr2(N)		Fr1(N)	Fr2(N)		Fr1(N)	Fr2(N)		Fr1(N)	Fr2(N)		Fr1(N)	Fr2(N)
5.08	6860	8240	4.86	6940	9600	5.04	7290	26350	4.99	24400	41900						
6.06	3890	8500	6.00	6920	10280	6.02	7810	28900	6.02	23900	42500						
6.77	3760	8920	6.70	6640	10450	6.82	7810	30510	6.72	23200	45220						
7.80	4120	9260	7.72	6200	10880	7.84	8330	32720	7.74	24400	49640						
8.67	4120	9940	8.59	7270	10880	8.69	7420	26430	8.61	24400	42410	8.91	19300	67570	8.91	16750	80150
10.67	5370	10370	10.67	6920	10880	10.56	8730	26430	10.61	23900	46240	10.71	20100	70120	10.72	18200	82060
11.92	5370	10370	11.92	6630	11300	11.96	9730	26430	11.85	23200	49300	12.39	20300	72250	12.40	18850	83725
13.73	5420	10790	13.73	6880	11300	13.75	9730	29490	13.65	22500	51340	13.72	20300	75390	13.73	19200	87415
15.27	5420	11390	15.27	4030	12240	15.23	8660	31700	15.18	22300	53890	15.26	22400	79730	15.27	22450	92650
17.08	5390	11730	17.08	4280	13090	16.96	9800	33150	16.98	24200	53290	17.00	22200	85000	17.01	21200	100855
19.23	5370	12240	19.23	4280	14110	19.00	10600	34510	19.12	24200	53290	18.80	23900	92560	18.81	23750	112195
20.93	5340	12580	20.93	4390	14700	20.80	11600	36970	20.80	23700	53290	20.92	23600	94690	20.93	23550	115390
24.90	5270	13000	24.90	4580	15550	24.75	4260	41990	24.75	16500	53290	24.88	25500	102000	24.90	30000	126355
27.07	2460	13600	27.93	4710	16320	26.50	5150	41990	27.78	16600	53290	27.38	14300	102000	27.52	13150	126355
33.41	3300	14450	33.35	4790	17590	32.71	5230	44200	33.19	16800	53290	33.01	16220	102000	33.09	15930	126355
37.31	3310	15210	37.24	3060	194040	36.53	5380	45390	37.58	16800	53290	36.86	15800	102000	38.29	15300	126355
42.98	3390	16830	42.91	3140	20230	42.08	5550	45390	43.21	6940	53290	42.47	15800	102000	42.39	20230	126355
47.81	3440	16830	47.73	3250	21250	46.81	5660	45390	47.87	4150	53290	47.24	6350	102000	47.14	7450	126355
53.47	1450	16830	53.38	3300	22100	52.35	5660	45390	53.30	4280	53290	52.83	6500	102000	52.51	7610	126355
60.21	1500	16830	60.11	3350	23630	58.95	2570	45390	58.08	4440	53290	59.49	6660	102000	58.08	7770	126355
65.86	1540	16830	65.86	3390	24820	65.89	2640	45390	66.76	4520	53290	65.50	6660	102000	64.61	7730	126355
75.88	1540	16830	75.88	3390	24820	75.92	2640	45390	75.63	4520	53290	75.47	6660	102000	75.52	7730	126355
84.40	1540	16830	84.40	3390	24820	84.44	2640	45390	83.77	4520	53290	83.94	6660	102000	84.00	7730	126355
94.40	1540	16830	94.40	3390	24820	94.44	2640	45390	93.27	4520	53290	93.88	6660	102000	93.55	7730	126355
106.3	1540	16830	106.3	3390	24820	106.4	2640	45390	104.5	4520	53290	105.7	6660	102000	103.5	7730	126355
115.7	1540	16830	115.7	3390	24820	115.7	2640	45390	114.4	4520	53290	115.0	6660	102000	115.1	7730	126355
137.6	1540	16830	137.6	3390	24820	137.7	2640	45390	136.1	4520	53290	136.9	6660	102000	137.0	7730	126355
155.2	1540	16830	155.2	3390	24820	155.2	2640	45390	153.5	4520	53290	154.3	6660	102000	154.4	7730	126355
170.0	1540	16830	170.0	3390	24820	170.1	2640	45390	168.2	4520	53290	169.1	6660	102000	169.2	7730	126355
187.5	1540	16830	197.4	3390	24820	197.5	2640	45390	195.3	4520	53290	186.4	6660	102000	186.6	7730	126355

注:表中is表示减速器精确传动比,
Fr1表示减速器输入轴额定径向载荷,
Fr2表示减速器输出轴额定径向载荷。

Note:is in the table denotes precise drive ratio of
electrlc motor,
Fr1 denotes its input rated radial load of input shaft,
Fr2 denotes its rated radial load of output shaft

技术参数及外形尺寸图表

Technic specifications and dimensions

P1	参数代号 Pamerter code	SR37传动能力选型参数表/SR37series of transmission power parameter form																													
		is精确传动比/Exact ratio is																													
		5.00	6.16	6.88	7.71	8.77	10.80	12.06	13.52	15.25	17.33	18.53	21.35	24.93	27.22	33.55	37.44	41.99	50.09	61.73	68.90	77.26	87.14	99.00	105.9	122.0	142.5				
0.12KW 4P	T2(N.m)	3.7	4.6	5.1	5.7	6.5	8.0	9.0	10	11	13	14	16	19	20	25	28	31	37	46	51	57	65	74	79	91	106				
	FB	32.92	29.17	26.50	25.58	22.50	19.92	18.33	17.33	16.58	14.58	13.67	9.33	8.67	8.58	7.58	6.75	6.00	5.07	4.12	3.65	3.25	2.93	2.54	2.4	2.1	1.7				
0.18KW 4P	T2(N.m)	5.6	6.9	7.7	8.6	10	12	13	15	17	19	21	24	28	31	39	43	49	55	68	76	85	96	109	116	134	157				
	FB	21.94	19.45	17.67	17.06	15.00	13.28	12.22	11.56	11.06	9.72	9.11	6.22	5.78	5.60	4.85	4.49	3.99	3.38	2.75	2.43	2.17	1.96	1.69	1.59	1.37	1.16				
0.25KW 4P	T2(N.m)	7.9	10	11	12	14	17	19	21	24	27	29	34	40	44	54	60	67	77	94	105	118	133	151	155	189	221				
	FB	15.80	13.71	12.46	12.02	10.58	9.36	8.62	8.15	7.79	6.85	6.42	4.48	4.16	4.11	3.63	3.23	2.87	2.44	1.98	1.75	1.56	1.41	1.22	1.14	0.99	0.84				
0.37KW 4P	T2(N.m)	12	14	16	18	21	25	28	32	36	41	43	50	59	65	80	89	100	113	139	156	177	200	227							
	FB	10.68	9.26	8.42	8.12	7.15	6.32	5.82	5.50	5.27	4.73	4.43	3.03	2.81	2.78	2.46	2.19	1.94	1.65	1.34	1.18	1.05	0.95	0.82							
0.55KW 4P	T2(N.m)	17	21	24	27	30	38	42	47	54	61	66	76	89	96	118	132	148	171	210	235										
	FB	7.18	6.23	5.66	5.47	4.91	4.35	4.00	3.78	3.62	3.18	2.98	2.04	1.89	1.87	1.65	1.47	1.31	1.11	0.90	0.80										
0.75KW 4P	T2(N.m)	24	29	33	37	42	52	58	65	74	84	90	103	120	131	156	174	195	233												
	FB	5.27	4.67	4.24	4.09	3.60	3.19	2.93	2.77	2.65	2.33	2.19	1.49	1.39	1.37	1.21	1.08	0.96	0.81												
1.1KW 4P	T2(N.m)	35	43	48	54	61	75	84	94	106	121	129	148	173	185	228															
	FB	3.59	3.18	2.89	2.79	2.45	2.17	2.00	1.89	1.81	1.59	1.49	1.02	0.95	0.93	0.83															
1.5KW 4P	T2(N.m)	47	58	65	73	83	102	114	128	145	164	176																			
	FB	2.63	2.33	2.12	2.05	1.8	1.59	1.47	1.39	1.33	1.17	1.09																			
2.2KW 4P	T2(N.m)	70	86	96	107	122	150	168	188	212	241																				
	FB	1.8	1.59	1.45	1.4	1.23	1.09	1	0.95	0.9	0.8																				
3KW 4P	T2(N.m)	95	117	131	146	166	205	229	256	289																					
	FB	1.32	1.17	1.06	1.02	0.90	0.80																								
0.18KW 6P	T2(N.m)												37	44	48	59	66	74	84	103	115	128	145	167	178	205					
	FB											4.12	3.78	3.77	3.32	2.94	2.60	2.23	2.23	1.81	1.60	1.44	1.30	1.12	1.05	0.91					
0.37KW 6P	T2(N.m)					32	38	43	49	55	62	67	77	90	98	121	134	150	173	214											
	FB					4.58	4.21	3.82	3.55	3.42	3.09	2.87	1.97	1.84	1.84	1.63	1.45	1.29	1.08	0.87											
0.75KW 6P	T2(N.m)	36	44	49	55	63	77	86	97	109	124	133	153	179	191	235															
	FB	3.49	3.03	2.75	2.65	2.33	2.07	1.90	1.80	1.72	1.54	1.45	0.99	0.93	0.95	0.84															
1.5KW 6P	T2(N.m)	72	88	99	110	126	155	173	194	218																					
	FB	1.74	1.54	1.40	1.35	1.19	1.05	0.97	0.92	0.88																					
n1=1450rpm n1=960rpm	n2(rpm)	290	235	211	188	165	134	120	107	95.1	83.7	78.3	67.9	58.2	53.3	43.2	38.7	34.5	28.9	23.5	21.0	18.8	16.6	14.6	13.7	11.9	10.2				
	n2(rpm)	192	156	140	125	109	88.9	79.6	71.0	63.0	55.4	51.8	45.0	38.5	35.3	28.6	25.6	22.9	19.2	15.6	13.9	12.4	11.0	9.70	9.07	7.87	6.74				

技术参数及外形尺寸图表

Technic specifications and dimensions

P1	参数代号 Parameter code	SR47传动能力选型参数表/SR47series of transmission power parameter form																														
		i精确传动比/Exact ratio is																														
		5.02	5.98	6.87	7.56	8.74	10.43	11.97	13.18	15.34	17.08	19.13	20.31	24.62	27.69	33.01	37.91	41.73	48.57	54.08	60.59	67.60	74.42	86.61	96.43	108.1	114.7	139.0	160.3	173.1		
0.12KW 4P	T2(N.m)																								64	72	80	85	103	119	129	
	FB																								4.42	3.92	3.50	3.33	2.75	2.33	2.17	
0.18KW 4P	T2(N.m)																								97	107	120	128	155	179	193	
	FB																								2.94	2.61	2.33	2.22	1.83	1.56	1.44	
0.25KW 4P	T2(N.m)																51	59	65	75	84	94	105	115	134	149	174	184	223	257	278	
	FB															4.80	4.36	4.20	3.76	3.36	3.00	2.68	2.44	2.12	1.88	1.68	1.60	1.32	1.12	1.04		
0.37KW 4P	T2(N.m)														54	63	76	87	96	111	124	139	155	170	198	221	230	257	273			
	FB														4.43	3.73	3.24	2.95	2.84	2.54	2.27	2.03	1.81	1.65	1.43	1.27	1.13	1.08	0.89			
0.55KW 4P	T2(N.m)									53	59	67	71	80	94	112	129	142	165	192	215	240	264	307	328							
	FB									4.76	4.69	4.25	3.40	2.98	2.51	2.18	1.98	1.91	1.71	1.53	1.37	1.22	1.11	0.96	0.85							
0.75KW 4P	T2(N.m)			33	36	41	49	57	63	73	81	91	96	109	129	153	183	202	235	261	293	314	346									
	FB			4.75	4.68	4.47	4.36	4.15	3.84	3.49	3.44	3.12	2.49	2.19	1.84	1.60	1.45	1.40	1.25	1.12	1.00	0.89	0.81									
1.1KW 4P	T2(N.m)	35	42	48	53	61	74	85	94	109	122	136	145	174	196	234	267	296	331													
	FB	4.13	3.60	3.24	3.19	3.05	2.97	2.83	2.62	2.38	2.35	2.13	1.70	1.49	1.25	1.09	0.99	0.95	0.85													
1.5KW 4P	T2(N.m)	48	57	65	73	85	101	116	127	148	165	185	196	238	267	307																
	FB	3.03	2.64	2.37	2.34	2.24	2.18	2.07	1.92	1.75	1.72	1.56	1.25	1.09	0.92	0.8																
2.2KW 4P	T2(N.m)	71	85	98	107	124	148	170	187	218	242	271	288																			
	FB	2.06	1.8	1.62	1.6	1.52	1.49	1.41	1.31	1.19	1.17	1.06	0.85																			
3KW 4P	T2(N.m)	95	113	130	143	166	198	227	250	291	324																					
	FB	1.51	1.32	1.19	1.17	1.12	1.09	1.04	0.96	0.87	0.86																					
4KW 4P	T2(N.m)	127	151	174	191	221	264																									
	FB	1.14	0.99	0.89	0.88	0.84	0.82																									
0.18KW 6P	T2(N.m)																56	64	70	82	91	102	114	125	146	168	189	322	243	280	302	
	FB															4.41	4.01	3.86	3.46	3.09	2.76	2.46	2.24	1.95	1.67	1.54	1.47	1.21	1.03	0.96		
0.37KW 6P	T2(N.m)									53	59	69	73	89	100	119	136	150	175	195	219	244	268	312	334							
	FB									4.88	4.80	4.18	3.35	2.69	2.37	2.06	1.88	1.81	1.61	1.44	1.29	1.15	1.05	0.91	0.84							
0.75KW 6P	T2(N.m)	36	43	49	54	63	76	88	96	112	125	139	148	178	202	241	277	305	341													
	FB	4.01	3.50	3.16	3.11	2.96	2.88	2.75	2.56	2.32	2.29	2.08	1.67	1.34	1.17	1.02	0.92	0.89	0.83													
1.5KW 6P	T2(N.m)	72	86	98	108	125	149	171	189	220	245	274	291																			
	FB	2.00	1.75	1.58	1.55	1.48	1.44	1.38	1.27	1.15	1.14	1.05	0.84																			
n1=1450rpm	n2(rpm)	289	242	211	192	166	139	121	110	94.5	84.9	75.8	71.4	63.0	52.4	43.9	38.2	34.7	29.9	26.8	23.9	21.4	19.5	16.7	15.0	13.4	12.6	10.4	9.05	8.38		
	n1=960rpm	191	161	140	127	110	92.0	80.2	72.8	62.6	56.2	50.2	47.3	41.7	34.7	29.1	25.3	23.0	19.8	17.8	15.8	14.2	12.9	11.1	9.96	8.88	8.37	6.91	5.99	5.55		

注：1、表中P1表示配置电机额定功率,n1表示减速器输入转速,n2表示减速器输出转速,T2表示减速器输出扭矩,FB表示减速器使用系数;2、表中黑色方框内参数需配电机联接法兰;
3、SR47型减速器许用扭矩Tn2为300N.m。
Note: 1、 P1 in the table denotes rated power of motor is furnished,n1 denotes input revolution ofspeed reducer. n2denotes its output revolution,T2 denotes its output torque,and FBdenotes its performance coefficient;2.Parameters inside black frame of the table need to be furnished with motor connecting flange;3、 SR47 type speed reducer allowable torque Tn2 is300N.m

技术参数及外形尺寸图表

Technic specifications and dimensions

P1			SR57传动能力选型参数表/SR57series of transmission power parameter form																													
			参数代号 Pparameter code	i是精确传动比/Exact ratio is																												
				5.11	6.10	6.92	7.70	8.60	10.63	12.07	13.42	15.00	16.87	19.11	20.95	24.92	27.69	33.01	37.91	41.73	48.57	54.08	60.59	67.60	74.42	86.61	96.43	108.0	114.7	139.0	160.3	173.1
0.18KW 4P	T2(N.m)																								97	107	120	128	155	179	193	
	FB																								4.39	3.89	3.45	3.29	2.69	2.36	2.14	
0.25KW 4P	T2(N.m)																					94	105	115	134	149	167	177	215	248	268	
	FB																					4.46	4.03	3.63	3.16	2.80	2.49	2.37	1.93	1.70	1.54	
0.37KW 4P	T2(N.m)																						139	155	170	198	221	247	263	318	367	396
	FB																					2.13	2.72	2.45	2.13	1.89	1.68	1.60	1.31	1.15	1.04	
0.55KW 4P	T2(N.m)																						230	253	295	328	368	390	473			
	FB																						1.83	1.65	1.44	1.27	1.13	1.08	0.88			
0.75KW 4P	T2(N.m)																						281	314	346	402	448	502				
	FB																						1.34	1.21	1.05	0.93	0.83					
1.1KW 4P	T2(N.m)																						460	507								
	FB																						1.01	0.92	0.83							
1.5KW 4P	T2(N.m)																															
	FB																															
2.2KW 4P	T2(N.m)																															
	FB																															
3KW 4P	T2(N.m)																															
	FB																															
4KW 4P	T2(N.m)																															
	FB																															
5.5KW 4P	T2(N.m)																															
	FB																															
0.18KW 6P	T2(N.m)																															
	FB																															
0.37KW 6P	T2(N.m)																															
	FB																															
0.75KW 6P	T2(N.m)																															
	FB																															
1.5KW 6P	T2(N.m)																															
	FB																															
3KW 6P	T2(N.m)																															
	FB																															
n1=1450rpm	n2(rpm)	284	238	210	188	163	136	120	108	96.7	86.0	75.9	69.2	58.2	52.4	43.9	38.2	34.7	29.9	26.8	23.9	21.4	19.5	16.7	15.0	13.4	12.6	10.4	9.05	8.38		
n1=960rpm	n2(rpm)	188	157	139	125	108	90.3	79.5	71.5	64.0	56.9	50.2	45.8	38.5	34.7	29.1	25.3	23.0	19.8	17.8	15.8	14.2	12.9	11.1	9.96	8.89	8.37	6.91	5.99	5.55		

注：1、表中P1表示配置电机额定功率,n1表示减速器输入转速,n2表示减速器输出转速,T2表示减速器输出扭矩,FB表示减速器使用系数;2、表中黑色方框内参数需配电机联接法兰;
3、SR57型减速器许用扭矩Tn2为400N.m。
Note: 1、 P1 in the table denotes rated power of motor is furnished,n1 denotes input revolution ofspeed reducer. n2denotes its output revolution,T2 denotes its output torque,and FBdenotes its performance coefficient;2.Parameters inside black frame of the table need to be furnished with motor connecting flange;3、 SR57 type speed reducer allowable torque Tn2 is400N.m

技术参数及外形尺寸图表

[illegible]

注: 1、表中P1表示配置电机额定功率,n1表示减速器输入转速,n2表示减速器输出转速,T2表示减速器输出扭矩,F8表示减速器使用系数;2、表中黑色方框内参数需配电机联接法三:

3、SR87型减速器许用扭矩 T_N2 为1450N.m。

Note: 1. P1 in the table denotes rated power of motor is furnished, n1 denotes input revolution of speed reducer, n2 denotes its output revolution, T2 denotes its output torque, and Fbdenotes its performance coefficient; 2. Parameters inside black frame of the table need to be furnished with motor connecting flange; 3. SR87 type speed reducer allowable torque Tn2 is 1450N.m

Technic specifications and dimensions

[illegible]

注:1、表中P1表示配置电机额定功率,n1表示减速器输入转速,n2表示减速器输出转速,T2表示减速器输出扭矩,F8表示减速器使用系数;2、表中黑色方框内参数需配电机联接法;三、

3、SR97型减速器许用扭矩TN2为2550N.m。

Note: 1. P_1 in the table denotes rated power of motor is furnished, n_1 denotes input revolution of speed reducer, n_2 denotes its output revolution, T_2 denotes its output torque, and F denotes its performance coefficient; 2. Parameters inside black frame of the table need to be furnished with motor connecting flange: 3. SP97 type speed reducer allowable torque T_{n2} is 2550N.m

技术参数及外形尺寸图表

P1	参数代号 Pameter code	SR147传动能力选型参数表/SR147series of transmission power parameter form																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
		is精确传动比/Exact ratio is																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
		4.99	6.02	6.72	7.74	8.61	10.61	11.85	13.65	15.18	16.98	19.12	20.80	24.75	27.78	33.19	37.58	43.21	47.87	53.30	58.08	65.76	75.63	83.77	93.27	104.5	114.4	136.1	153.5	168.2	195.3	217.8	230.9	261.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
3KW 4P	T2(N.m) FB																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				</

Technic specifications and dimensions

注：1、表中P1表示配置电机额定功率,n1表示减速器输入转速,n2表示减速器输出转速,T2表示减速器输出扭矩,FB表示减速器使用系数2、表中黑色方框内参数需配电机联接法兰;
3、SR147型减速器许用扭矩TN2为12000N.m。
Note: 1、 P1 in the table denotes rated power of motor is furnished,n1 denotes input revolution ofspeed reducer, n2denotes its output revolution,T2 denotes its output torque,and FBdenotes its performance coefficient;2、Parameters inside black frame of the table need to be furnished with motor connecting flange;3、 SR147 type speed reducer allowable torque Tn2 is12000N.m

技术参数及外形尺寸图表

P1	参数代号 Parneter code	SR167传动能力选型参数表/SR167series of transmission power parameter form																													
		is精确传动比/Exact ratio is																													
		8.91	10.71	12.39	13.72	15.26	17.00	18.80	20.92	24.88	27.38	33.01	36.86	42.47	47.24	52.83	59.49	65.50	75.47	83.94	93.88	105.7	115.0	136.9	154.3	169.1	186.4	207.1	232.1	263.0	
4KW 4P	T2(N.m) FB																									3821	4187	4617	5128	5748	6512
5.5KW 4P	T2(N.m) FB																									442	4.05	3.67	3.31	2.92	2.55
7.5KW 4P	T2(N.m) FB																									5254	5758	6348	7052	7903	8954
11KW 4P	T2(N.m) FB																									3600	3917	4660	5342	6354	7616
15KW 4P	T2(N.m) FB																									4.71	4.33	3.64	3.22	2.95	2.67
18.5KW 4P	T2(N.m) FB																									3504	3898	4359	4909	5342	6354
22KW 4P	T2(N.m) FB																									4.83	4.35	3.88	3.45	3.17	2.67
30KW 4P	T2(N.m) FB																									3598	4051	4461	5140	5716	6393
37KW 4P	T2(N.m) FB																									4.7	4.17	3.79	3.29	2.96	2.65
45KW 4P	T2(N.m) FB																									3423	3944	4387	4906	5525	6083
55KW 4P	T2(N.m) FB																									4.95	4.29	3.86	3.45	3.06	2.78
75KW 4P	T2(N.m) FB																									3136	3781	4222	4864	5411	6051
90KW 4P	T2(N.m) FB																									4.62	4.47	4.01	3.48	3.13	2.8
110KW 4P	T2(N.m) FB																									3389	3729	4496	5020	5785	6434
132KW 4P	T2(N.m) FB																									4.53	3.89	3.76	3.37	2.93	2.63
160KW 4P	T2(N.m) FB																									4621	5085	6131	6846	7888	8774
200KW 4P	T2(N.m) FB																									3423	3944	4387	4906	5525	6083
2.2KW 6P	T2(N.m) FB																									4.95	4.29	3.86	3.45	3.06	2.78
4KW 6P	T2(N.m) FB																									3136	3781	4222	4864	5411	6051
7.5KW 6P	T2(N.m) FB																									4.62	4.47	4.01	3.48	3.13	2.8
15KW 6P	T2(N.m) FB																									3389	3729	4496	5020	5785	6434
22KW 6P	T2(N.m) FB																									4.53	3.89	3.76	3.37	2.93	2.63
37KW 6P	T2(N.m) FB																									4621	5085	6131	6846	7888	8774
55KW 6P	T2(N.m) FB																									3423	3944	4387	4906	5525	6083
n1 = 1450rpm n2 = 960rpm	n2(rpm)																									4.95	4.29	3.86	3.45	3.06	2.78
	n2(rpm)																									3136	3781	4222	4864	5411	6051
	n2(rpm)																									4.62	4.47	4.01	3.48	3.13	2.8
	n2(rpm)																									3389	3729	4496	5020	5785	6434
	n2(rpm)																									4.53	3.89	3.76	3.37	2.93	2.63
	n2(rpm)																									4621	5085	6131	6846	7888	8774
	n2(rpm)																									3423	3944	4387	4906	5525	6083
	n2(rpm)																									4.95	4.29	3.86	3.45	3.06	2.78
	n2(rpm)																									3136	3781	4222	4864	5411	6051
	n2(rpm)																									4.62	4.47	4.01	3.48	3.13	2.8
	n2(rpm)																									3389	3729	4496	5020	5785	6434
	n2(rpm)																									4.53	3.89	3.76	3.37	2.93	2.63
	n2(rpm)																									4621	5085	6131	6846	7888	8774
	n2(rpm)																									3423	3944	4387	4906	5525	6083
	n2(rpm)																									4.95	4.29	3.86	3.45	3.06	2.78
	n2(rpm)																									3136	3781	4222	4864	5411	6051
	n2(rpm)																									4.62	4.47	4.01	3.48	3.13	2.8
	n2(rpm)																									3389	3729	4496	5020	5785	6434
	n2(rpm)																									4.53	3.89	3.76	3.37	2.93	2.63
	n2(rpm)																									4621	5085	6131	6846	7888	8774
	n2(rpm)																									3423	3944	4387	4906	5525	6083
	n2(rpm)																									4.95	4.29	3.86	3.45	3.06	2.78
	n2(rpm)																									3136	3781	4222	4864	5411	6051
	n2(rpm)																									4.62	4.47	4.01	3.48	3.13	2.8
	n2(rpm)																									3389	3729	4496	5020	5785	6434
	n2(rpm)																									4.53	3.89	3.76	3.37	2.93	2.63
	n2(rpm)																									4621	5085	6131	6846	7888	8774
	n2(rpm)																									3423	3944	4387	4906	5525	6083
	n2(rpm)																									4.95	4.29	3.86	3.45	3.06	2.78
	n2(rpm)																									3136	3781	4222	4864	5411	6051
	n2(rpm)																									4.62	4.47	4.01	3.48	3.13	2.8
	n2(rpm)																									3389	3729	4496	5020	5785	6434
	n2(rpm)																									4.53	3.89	3.76	3.37	2.93	2.63
	n2(rpm)																									4621	5085	6131	6846	7888	8774
	n2(rpm)																									3423	3944	4387	4906	5525	6083
	n2(rpm)																									4.95	4.29	3.86	3.45	3.06	2.78
	n2(rpm)																									3136	3781	4222	4864	5411	6051
	n2(rpm)																									4.62	4.47	4.01	3.48	3.13	2.8
	n2(rpm)																									3389	3729	4496	5020	5785	6434
	n2(rpm)																									4.53	3.89	3.76	3.37	2.93	2.63
	n2(rpm)																									4621	5085	6131	6846	7888	8774
	n2(rpm)																									3423	3944	4387	4906	5525	6083
	n2(rpm)																									4.95	4.29	3.86	3.45	3.06	2.78
	n2(rpm)																									3136	3781	4222	4864	5411	6051
	n2(rpm)																									4.62	4.47	4.01	3.48	3.13	2.8
	n2(rpm)																									3389	3729	4496	5020	5785	6434
	n2(rpm)																														

注：1、表中P1表示配置电机额定功率,n1表示减速器输入转速,n2表示减速器输出转速,T2表示减速器输出扭矩,FB表示减速器使用系数2、表中黑色方框内参数需配电机联接法兰;
3、SR167型减速器许用扭矩TN2为16000N.m。
Note: 1、 P1 in the table denotes rated power of motor is furnished,n1 denotes input revolution ofspeed reducer, n2denotes its output revolution,T2 denotes its output torque,and FBdenotes its performance coefficient;2、Parameters inside black frame of the table need to be furnished with motor connecting flange;3、 SR167 type speed reducer allowable torque Tn2 is16000N.m

技术参数及外形尺寸图表

Technic specifications and dimensions

P1	参数代号 Pameter code	SR187传动能力选型参数表/SR187 series of transmission power parameter form																														
		is精确传动比/Exact ratio is																														
7.5KW 4P	T2(N.m)	8.91	10.72	12.40	13.73	15.27	17.01	18.81	20.93	24.90	27.52	33.09	38.29	42.39	47.14	52.51	58.08	64.61	68.21	75.52	84.00	93.55	103.5	115.1	137.0	154.4	169.2	186.6	207.2	219.1	246.9	
	FB																									6359	7170	7857	8663	9623	10174	11462
11KW 4P	T2(N.m)																															
	FB																									6371	7046	7840	8688	9623	10174	11462
15KW 4P	T2(N.m)																															
	FB																															
18.5KW 4P	T2(N.m)																															
	FB																															
22KW 4P	T2(N.m)																															
	FB																															
30KW 4P	T2(N.m)																															
	FB																															
37KW 4P	T2(N.m)																															
	FB																															
45KW 4P	T2(N.m)																															
	FB																															
55KW 4P	T2(N.m)																															
	FB																															
75KW 4P	T2(N.m)																															
	FB																															
90KW 4P	T2(N.m)																															
	FB																															
110KW 4P	T2(N.m)																															
	FB																															
132KW 4P	T2(N.m)																															
	FB																															
160KW 4P	T2(N.m)																															
	FB																															
200KW 4P	T2(N.m)																															
	FB																															
4KW 6P	T2(N.m)																															
	FB																															
7.5KW 6P	T2(N.m)																															
	FB																															
15KW 6P	T2(N.m)																															
	FB																															
22KW 6P	T2(N.m)																															
	FB																															
37KW 6P	T2(N.m)																															
	FB																															
55KW 6P	T2(N.m)																															
	FB																															
n1=1450rpm	n2(rpm)																															
	n2(rpm)																															
n1=550rpm	n2(rpm)																															
	n2(rpm)																															

注：1、表中P1表示配置电机额定功率,n1表示减速器输入转速,n2表示减速器输出转速,T2表示减速器输出扭矩,FB表示减速器使用系数2、表中黑色方框内参数需配电机联接法兰;
3、SR187型减速器许用扭矩TN2为30000N.m。
Note: 1、 P1 in the table denotes rated power of motor is furnished,n1 denotes input revolution ofspeed reducer, n2denotes its output revolution,T2 denotes its output torque,and FBdenotes its performance coefficient;2.Parameters inside black frame of the table need to be furnished with motor connecting flange;3、 SR187 type speed reducer allowable torque Tn2 is30000N.m

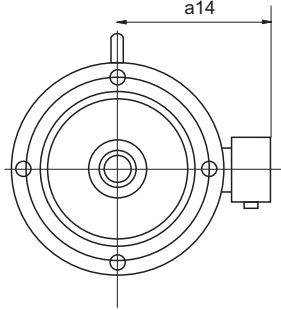
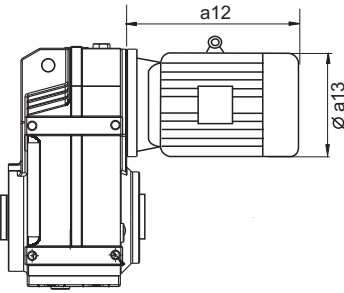
技术参数及外形尺寸

Technic specifications and dimensions

电机外型尺寸

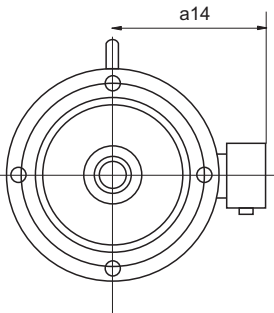
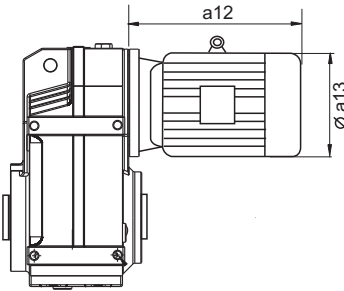
Motor Dimensions

电机机座号 Motor baseframe type	电机功率、极数 Motor power and poles			减速器型号 Models of Speed Reducers	尺寸(mm) Size		
	4P	6P	8P		a12	a13	a14
Y71	0.25 0.37	0.18 0.25		SR(37、47、57、67)	245	145	80
				SR 77	233		
Y80	0.55 0.75	0.37 0.55	0.18 0.25	SR(37、47、57、67、77)	278	165	150
				SR(87、97)	246		
Y90S	1.1	0.75	0.37	SR(37、47、57、67、77)	304	175	155
				SR(87、97)	280		
Y90L	1.5	1.1	0.55	SR(37、47、57、67、77)	328	175	155
				SR(87、97)	304		
Y100	2.2 3	1.5	0.75 1.1	SR37	340	215	180
				SR(47、57、67、77、87)	328		
Y112	4	2.2	1.5	SR(47、57、67、77、87)	380	240	190
				SR(97、107)	334		
Y132S	5.5	3	2.2	SR(47、57、67、77、87、97)	425	275	210
				SR 107	386		
				SR (137、147)	388		
Y132M	7.5	4 5.5	3	SR(47、57、67、77、87、97)	461	275	210
				SR 107	422		
				SR 147	424		



电机外型尺寸

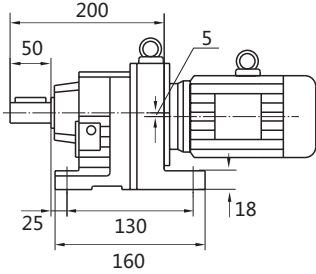
Motor Dimensions

							
电机机座号 Motor baseframe type	电机功率、极数 Motor power and poles			减速器型号 Models of Speed Reducers	尺寸(mm) Size		
	4P	6P	8P		a12	a13	a14
Y160M	11	7.5	4 5.5	SR(77、87、97)	524	330	255
				SR 107	504		
				SR(137、147、167)	567		
Y160L	15	11	7.5	SR(77、87、97)	547	330	255
				SR 107	519		
				SR(137、147、167)	602		
Y180M	18.5			SR 87	583	380	280
				SR(97、107)	555		
				SR(137、147)	583		
				SR 167	635		
Y180L	22	15	11	SR 87	616	380	280
				SR(97、107)	588		
				SR(137、147)	616		
				SR 167	666		
Y200L	30	18.5 22	15	SR(97、107)	654	420	305
				SR(137、147)	654		
				SR 167	642		
Y225S	37		18.5	SR 107	680	450	345
				SR(137、147)	670		
				SR 167	669		
Y225M	45	30	22	SR 107	702	450	345
				SR(137、147)	696		
				SR 167	691		
Y250M	55	37	30	SR(137、147)	775	510	370
				SR 167	770		
Y280S	75	45	37	SR 167	828	580	410
Y280M	90	55	45	SR 167	879	580	410
Y315S	110	75	55	SR 187	1100	645	530
Y315M	132	90	75	SR 187	1180	645	530
Y315L1	160	110	90	SR 187	1270	645	530
Y315L2	200	132	110	SR 187	1270	645	530

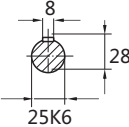
SR37卧式底脚尺寸图

Dimensions of SR37 Gearmotor

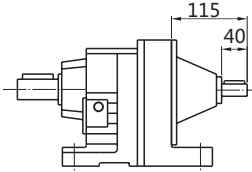
SRW...Y



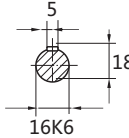
实心轴尺寸
Solid shaft dimension

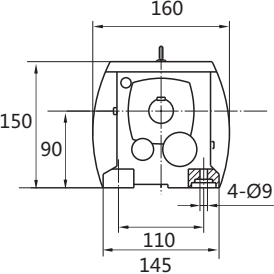


SRW...S



输入轴尺寸
Input shaft size

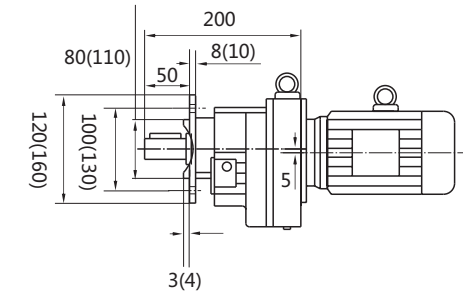




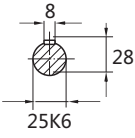
SR37立式法兰安装尺寸图

Dimensions of SR37 Gearmotor

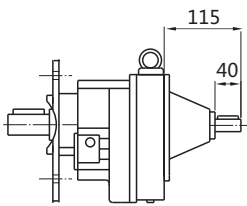
SRL...Y



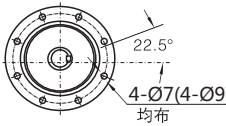
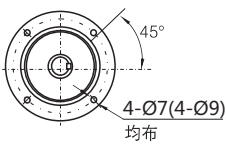
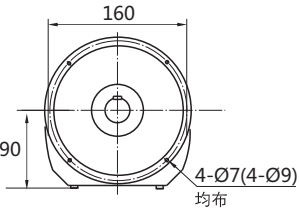
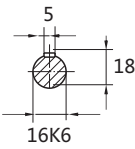
实心轴尺寸
Solid shaft dimension



SRL...S



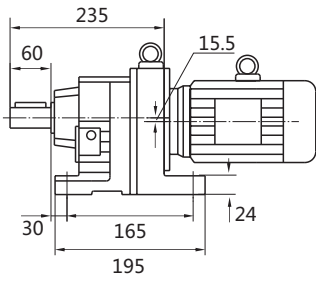
输入轴尺寸
Input shaft size



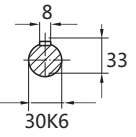
SR47卧式底脚尺寸图

Dimensions of SR47 Gearmotor

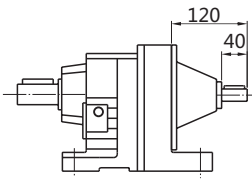
SRW...Y



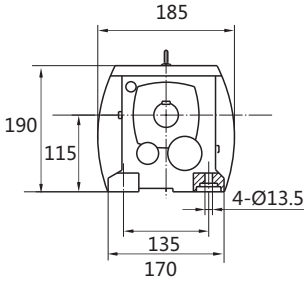
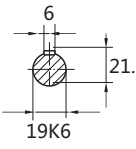
实心轴尺寸
Solid shaft dimension



SRW...S



输入轴尺寸
Input shaft size

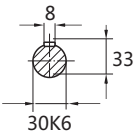
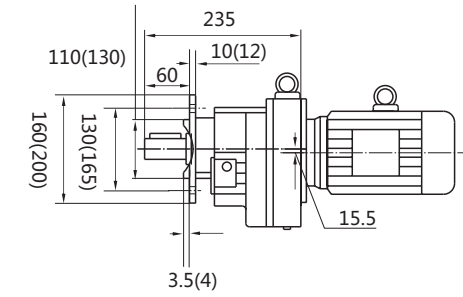


SR47立式法兰安装尺寸图

Dimensions of SR47 Gearmotor

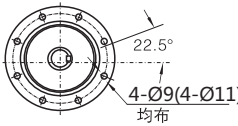
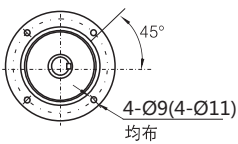
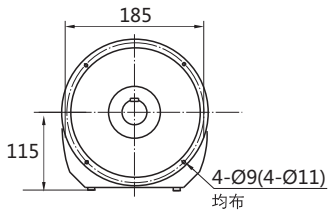
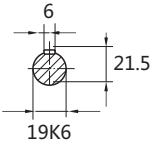
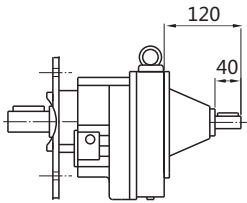
SRL...Y

实心轴尺寸
Solid shaft dimension



SRL...S

输入轴尺寸
Input shaft size

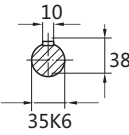
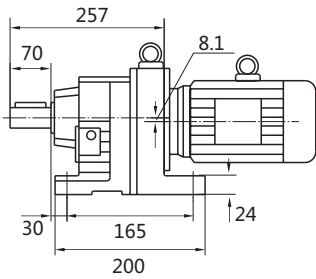


SR57卧式底脚尺寸图

Dimensions of SR57 Gearmotor

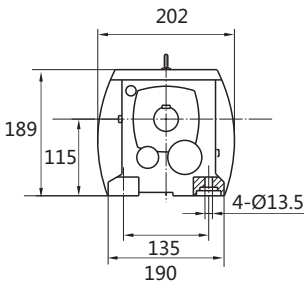
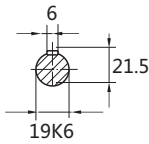
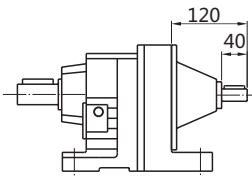
SRW...Y

实心轴尺寸
Solid shaft dimension



SRW...S

输入轴尺寸
Input shaft size

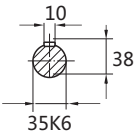
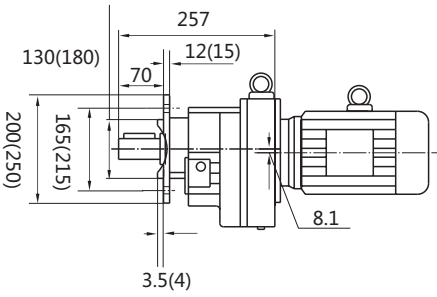


SR57立式法兰安装尺寸图

Dimensions of SR57 Gearmotor

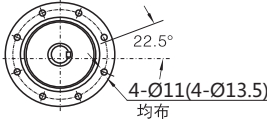
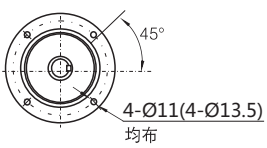
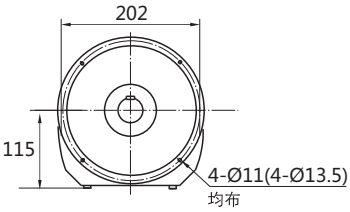
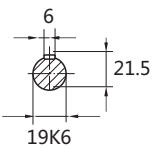
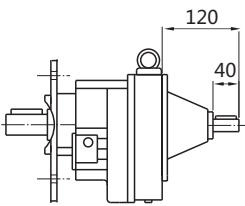
SRL...Y

实心轴尺寸
Solid shaft dimension



SRL...S

输入轴尺寸
Input shaft size

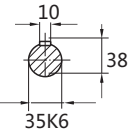
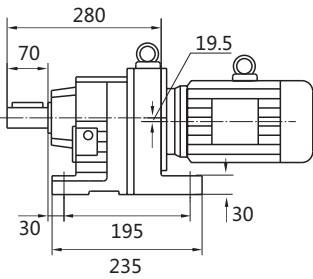


SR67卧式底脚尺寸图

Dimensions of SR67 Gearmotor

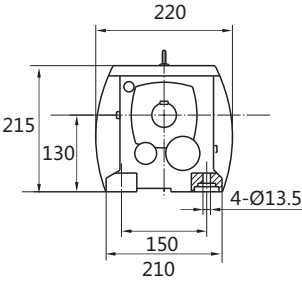
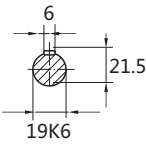
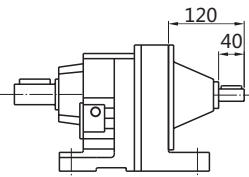
SRW...Y

实心轴尺寸
Solid shaft dimension



SRW...S

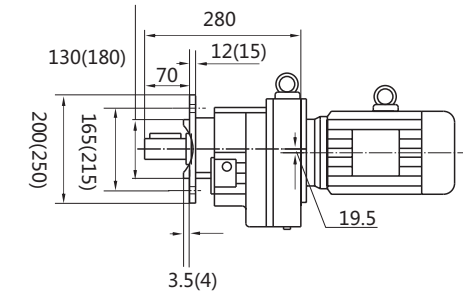
输入轴尺寸
Input shaft size



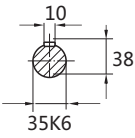
SR67立式法兰安装尺寸图

Dimensions of SR67 Gearmotor

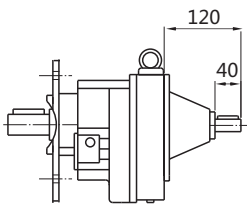
SRL...Y



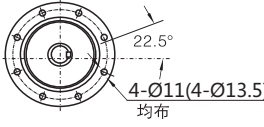
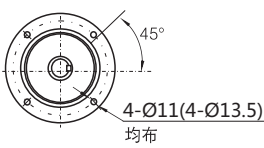
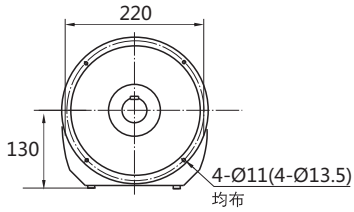
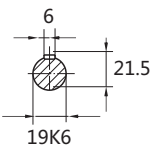
实心轴尺寸
Solid shaft dimension



SRL...S



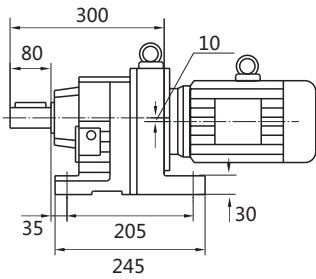
输入轴尺寸
Input shaft size



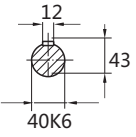
SR77卧式底脚尺寸图

Dimensions of SR77 Gearmotor

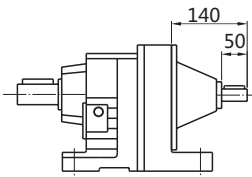
SRW...Y



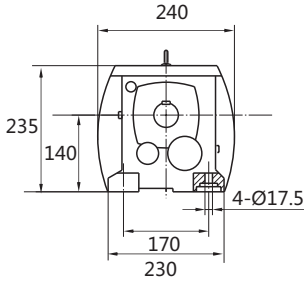
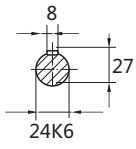
实心轴尺寸
Solid shaft dimension



SRW...S



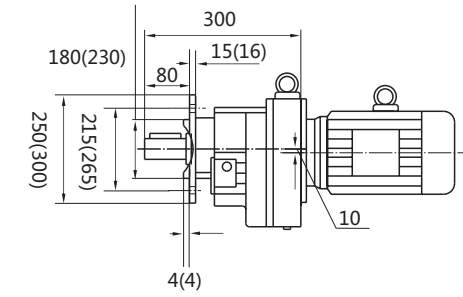
输入轴尺寸
Input shaft size



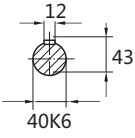
SR77立式法兰安装尺寸图

Dimensions of SR77 Gearmotor

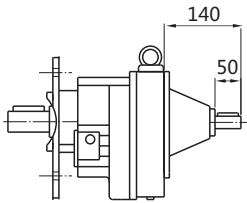
SRL...Y



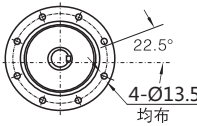
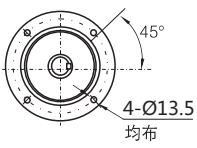
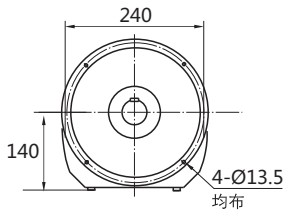
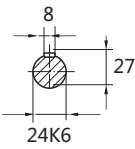
实心轴尺寸
Solid shaft dimension



SRL...S



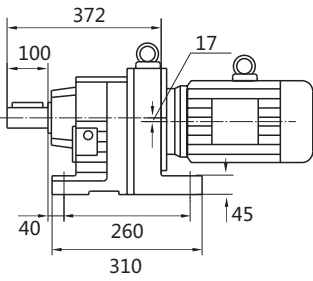
输入轴尺寸
Input shaft size



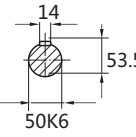
SR87卧式底脚尺寸图

Dimensions of SR87 Gearmotor

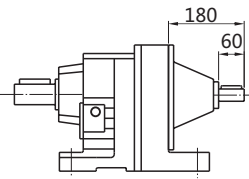
SRW...Y



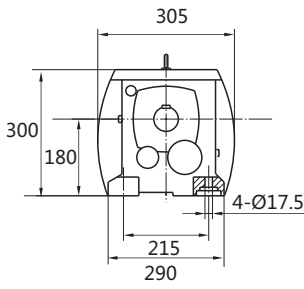
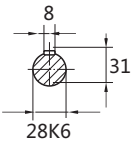
实心轴尺寸
Solid shaft dimension



SRW...S



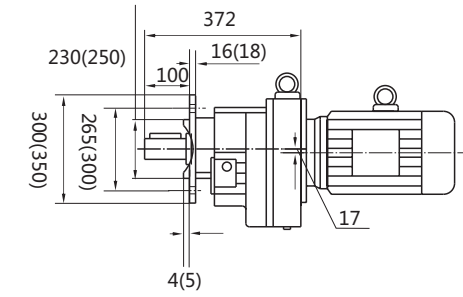
输入轴尺寸
Input shaft size



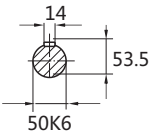
SR87立式法兰安装尺寸图

Dimensions of SR87 Gearmotor

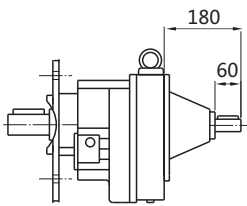
SRL...Y



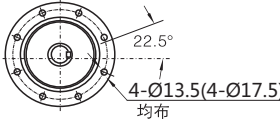
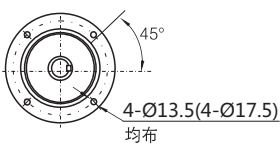
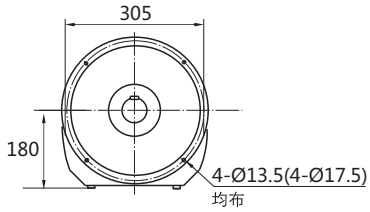
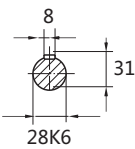
实心轴尺寸
Solid shaft dimension



SRL...S



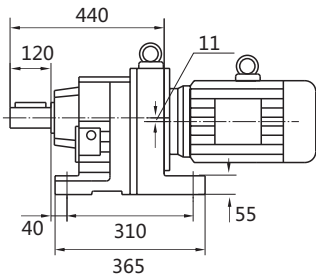
输入轴尺寸
Input shaft size



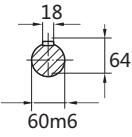
SR97卧式底脚尺寸图

Dimensions of SR97 Gearmotor

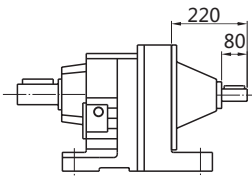
SRW...Y



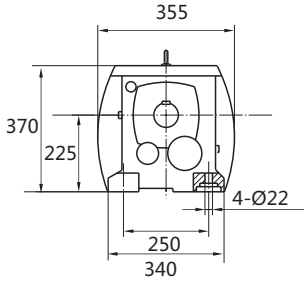
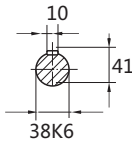
实心轴尺寸
Solid shaft dimension



SRW...S



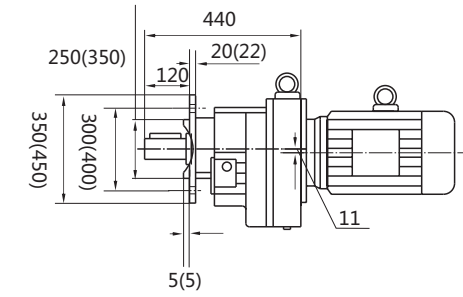
输入轴尺寸
Input shaft size



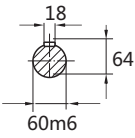
SR97立式法兰安装尺寸图

Dimensions of SR97 Gearmotor

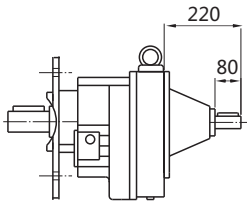
SRL...Y



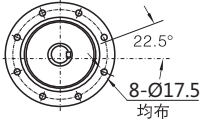
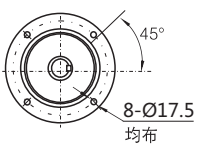
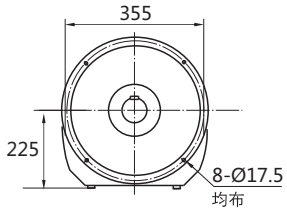
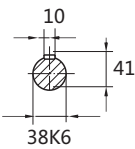
实心轴尺寸
Solid shaft dimension



SRL...S



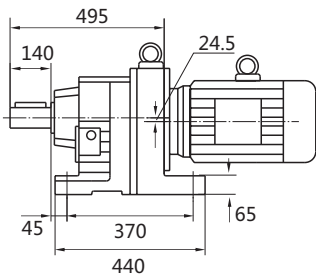
输入轴尺寸
Input shaft size



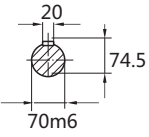
SR107卧式底脚尺寸图

Dimensions of SR107 Gearmotor

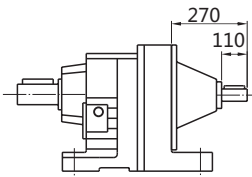
SRW...Y



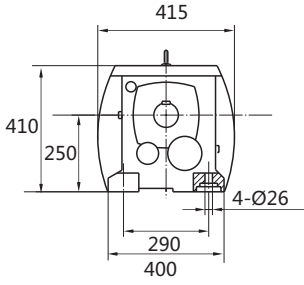
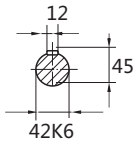
实心轴尺寸
Solid shaft dimension



SRW...S



输入轴尺寸
Input shaft size

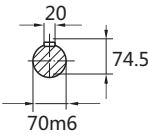
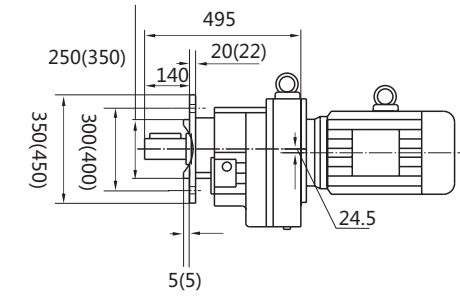


SR107立式法兰安装尺寸图

Dimensions of SR107 Gearmotor

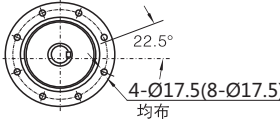
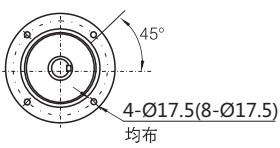
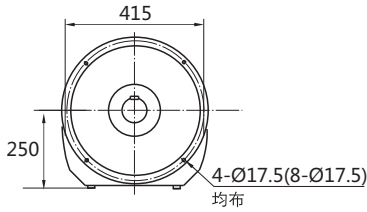
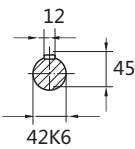
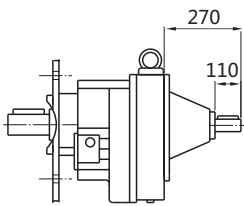
SRL...Y

实心轴尺寸
Solid shaft dimension



SRL...S

输入轴尺寸
Input shaft size

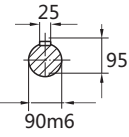
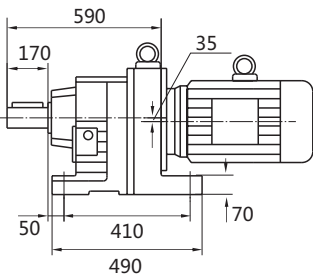


SR137卧式底脚尺寸图

Dimensions of SR137 Gearmotor

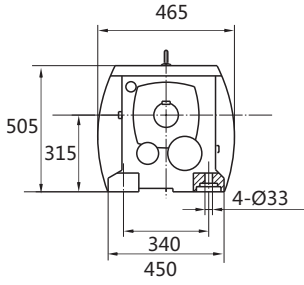
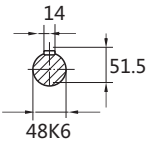
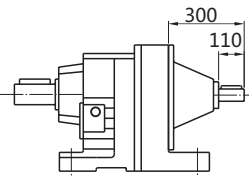
SRW...Y

实心轴尺寸
Solid shaft dimension



SRW...S

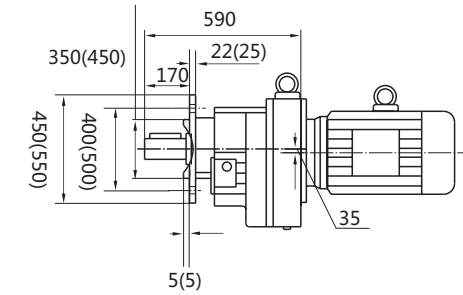
输入轴尺寸
Input shaft size



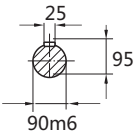
SR137立式法兰安装尺寸图

Dimensions of SR137 Gearmotor

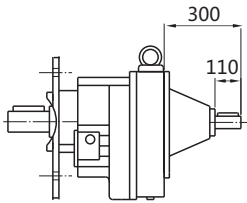
SRL...Y



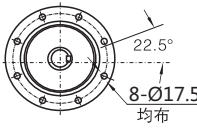
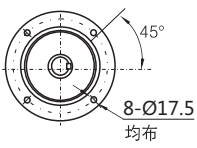
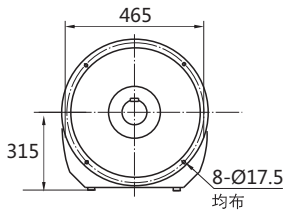
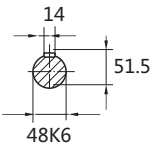
实心轴尺寸
Solid shaft dimension



SRL...S



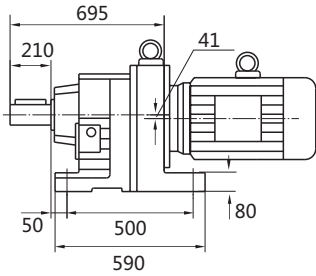
输入轴尺寸
Input shaft size



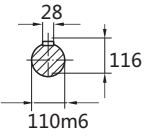
SR147卧式底脚尺寸图

Dimensions of SR147 Gearmotor

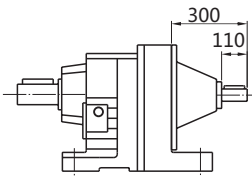
SRW...Y



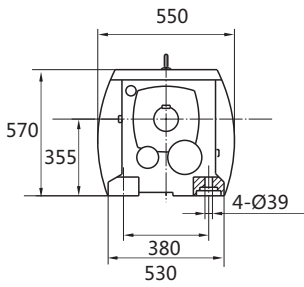
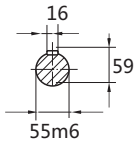
实心轴尺寸
Solid shaft dimension



SRW...S



输入轴尺寸
Input shaft size

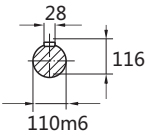
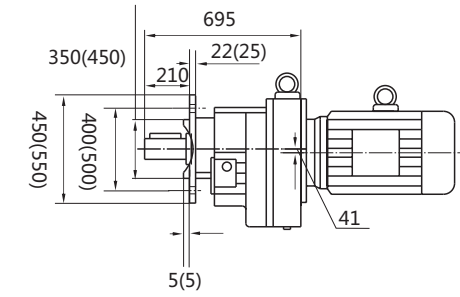


SR147立式法兰安装尺寸图

Dimensions of SR147 Gearmotor

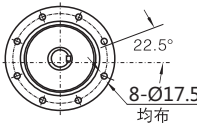
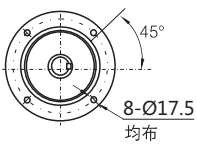
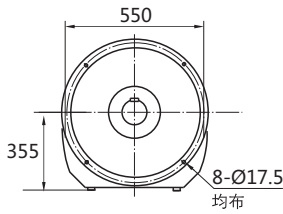
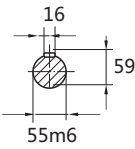
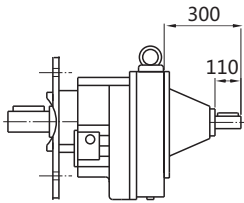
SRL...Y

实心轴尺寸
Solid shaft dimension



SRL...S

输入轴尺寸
Input shaft size

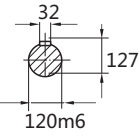
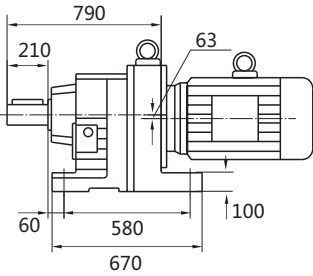


SR167卧式底脚尺寸图

Dimensions of SR167 Gearmotor

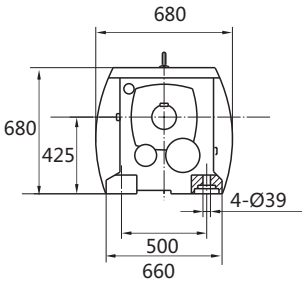
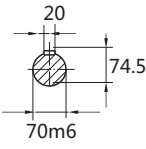
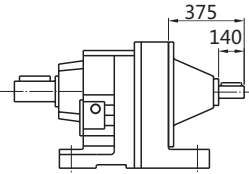
SRW...Y

实心轴尺寸
Solid shaft dimension



SRW...S

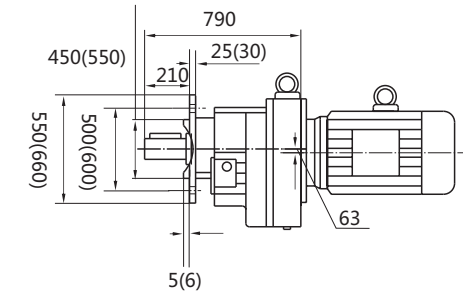
输入轴尺寸
Input shaft size



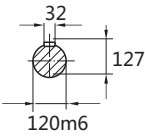
SR167立式法兰安装尺寸图

Dimensions of SR167 Gearmotor

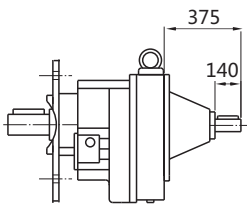
SRL...Y



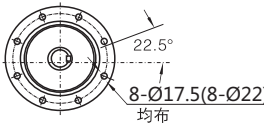
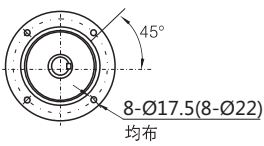
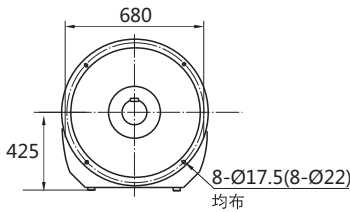
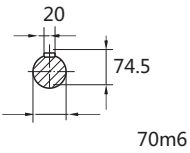
实心轴尺寸
Solid shaft dimension



SRL...S



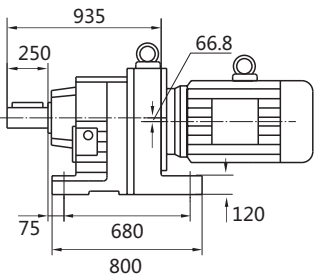
输入轴尺寸
Input shaft size



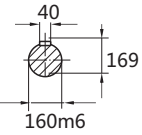
SR187卧式底脚尺寸图

Dimensions of SR187 Gearmotor

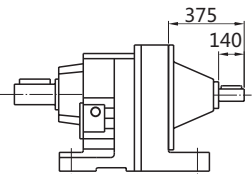
SRW...Y



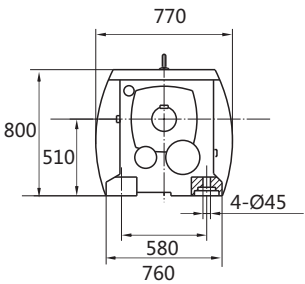
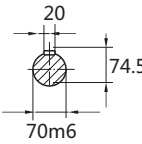
实心轴尺寸
Solid shaft dimension



SRW...S



输入轴尺寸
Input shaft size

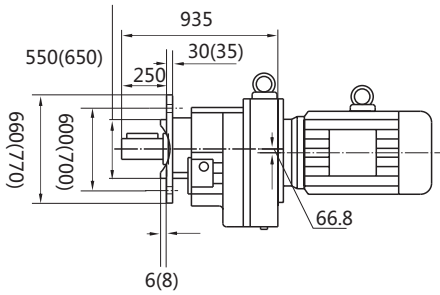




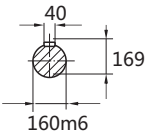
SR187立式法兰安装尺寸图

Dimensions of SR187 Gearmotor

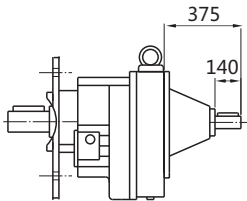
SRL...Y



实心轴尺寸
Solid shaft dimension



SRL...S



输入轴尺寸
Input shaft size

