
一、性能特点 Characteristics:

1. 常誉隆减速机是在模块组合体系的基础上设计的，可以方便地配用各种型式的电动机或采用其他动力输入。同种机型可配用多种功率的电动机。容易实现各种机型之间的组合联接。
2. 传动效率高，单机型减速机效率高达96%。
3. 传动比划分细，范围广。组合机型可以形成较大的传动比，输出转速低。
4. 安装形式多样，可任意位置卧式或法兰安装。
1. XIDALI reducers are based on the building block design, so it's convenient for them to fit all types of motors or to connect with other power input. The same type of reducers can fit motors with different power, so that it's possible for different types of machines to combine or connect.
2. High transmission efficiency. A single machine can reach a transmission efficiency as much as 96%.
3. Precise division of transmission ratio with a wide range. The combination of machines can produce a larger transmission ratio at a low output rotational speed.
4. Various ways of installation. Horizontal installation at any position or flanged installation.

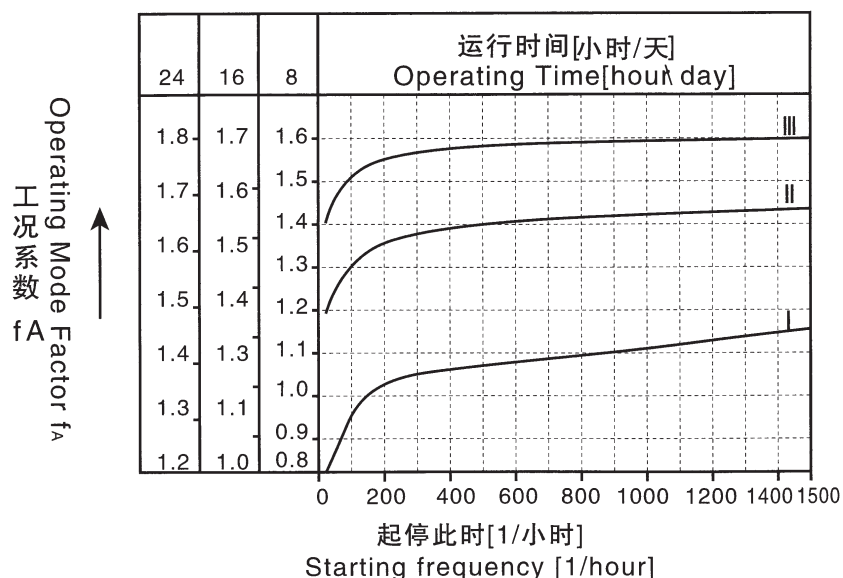
二、场所条件 Working Environment:

1. 环境温度-40℃~50℃。（0℃以下启动时润滑油要加热到0℃以上。）
2. 海拔不超过1000米。
3. 输入转速不大于1800rpm，齿轮最高圆周速度不超过22m/s。
4. 可用于正反运转。
5. 无行业限制。
6. 其他条件下使用请与我公司技术部联系。
1. Working temperature:-40℃~50℃(The lubrication should be heated until above 0℃ if the machine works Below 0℃)
2. The working place should be lower than 1,000 meters above sea level.
3. The input rotational speed should not exceed 1,800r/m. The circumferential speed of the gear should not exceed 20m/s.
4. Suitable for normal-reverse rotation.
5. Without industry limitation.
6. Please consult our technical supporting department for other circumstances.

三、选型指南 Instructions for Selection:

在确定使用系数之前必须先确定一天的运行小时数，每小时的起停次数和负载类型。其中负载类型按下列公式计算：

The daily operating time, the starting frequency and the load classifications be determined before deciding the service factor, The load classifications is calculated with the following formula:



负载类型 Load classification

- I 均匀负载，惯性加速系数 ≤ 0.2 Uniform load, mass acceleration factor ≤ 0.2
- II 中等冲击负载，惯性加速系数 ≤ 3 Medium Impact Load, mass acceleration factor ≤ 3
- III 强烈冲击负载，惯性加速系数 ≤ 10 Heavy shock Load, mass acceleration factor ≤ 10

如果惯性加速系数 > 10 ，请与我公司技术部联系。

$$\text{惯性加速系数} = \frac{\text{所有外部转动惯量}}{\text{驱动电机的转动惯量}}$$

实际的工况系数 f_A 必须满足下式：使用系数 $f_B \geq$ 工况系数 f_A

使用系数 f_B 已在后面的选型参数表中列出。

允许的轴伸径向载荷及轴向载荷

输出轴端允许的径向载荷及轴向载荷资料，请与我公司技术部联系。

减速机的使用与维护请参阅随机附带的《减·变速器使用说明书》。

Please contact our technical supporting department in case the mass acceleration factor > 10 .

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

The actual operating mode factor (f_A) should meet the following formula:

$$\text{service factor } f_B \geq \text{operating mode factor } f_A$$

The service factor f_B is listed in the parameter selection list.

The permitted overhung loads and the axial forces.

Please contact our technical supporting department for the information on the permitted overhung loads and the axial forces at the output end of the shaft.

Regarding the use and maintenance of the reductor, please refer to the attached Instruction Manual of the Reductor and the Variable Speed Motor.

减速机在投入运行前必须加入适当粘度的润滑油，须使齿轮间摩擦减速机，遇高负荷及冲击负荷时，减速机才能充分发挥其机能。

首次使用200小时左右，必须将润滑油放掉，冲洗干净，然后重新加入新的润滑油至油标中心，油位过高或过低都可能导致运转温度升高。

(详细操作过程请参数安装，使用与维护有关条例的内容)

推荐润滑油牌号：

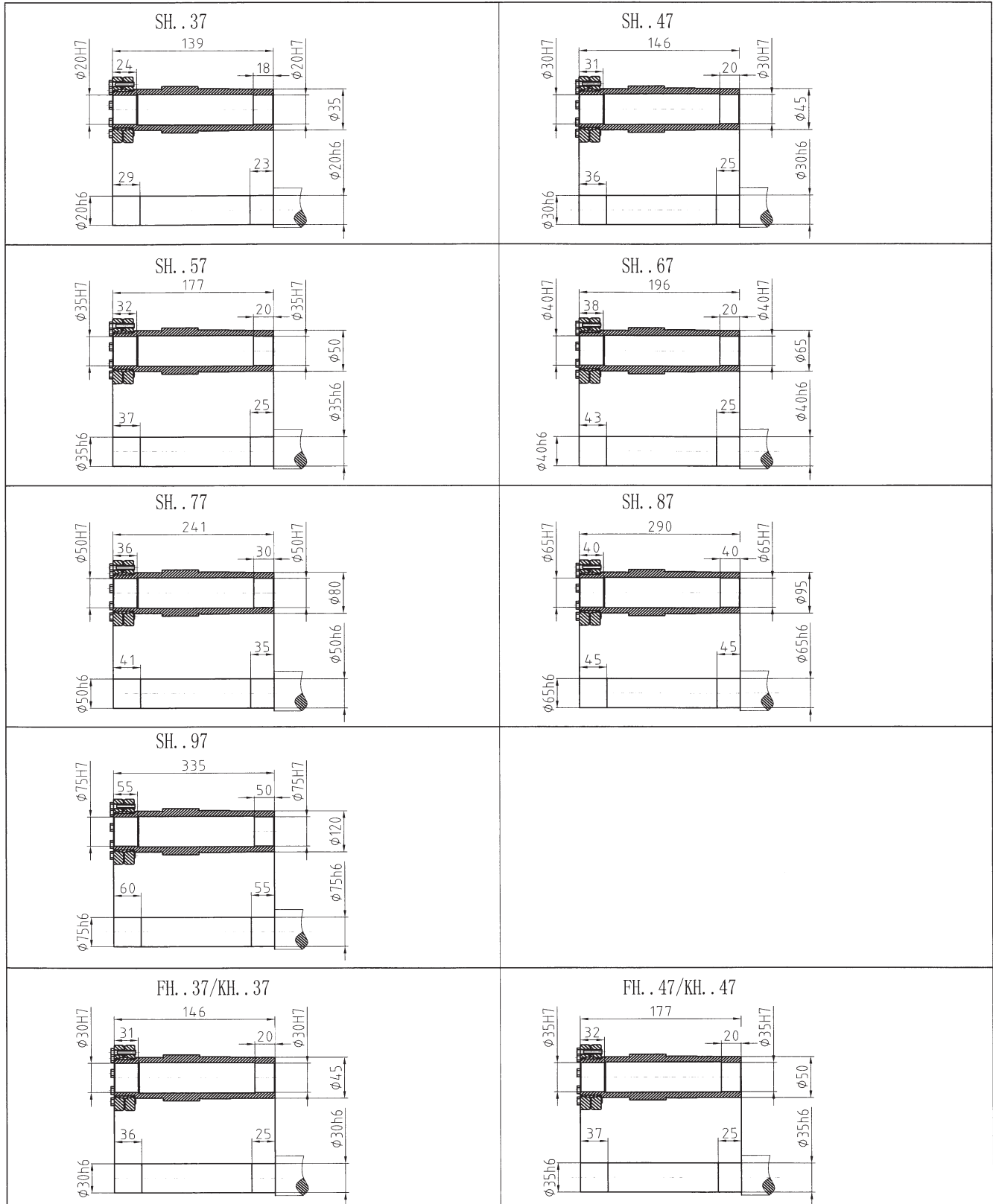
Reducer proper viscosity lubricating oil must be added before putting into operation, must make the friction between the gear reducer, meet the high load and impact load, the speed reducer can give full play to its function.

Was first used 200 hours, must put out the lubricating oil, rinse, then rejoined the new oil to the center, oil level too high or too low can lead to working temperature.

(for the detailed procedure, please install, use and maintain the contents of the relevant regulations)

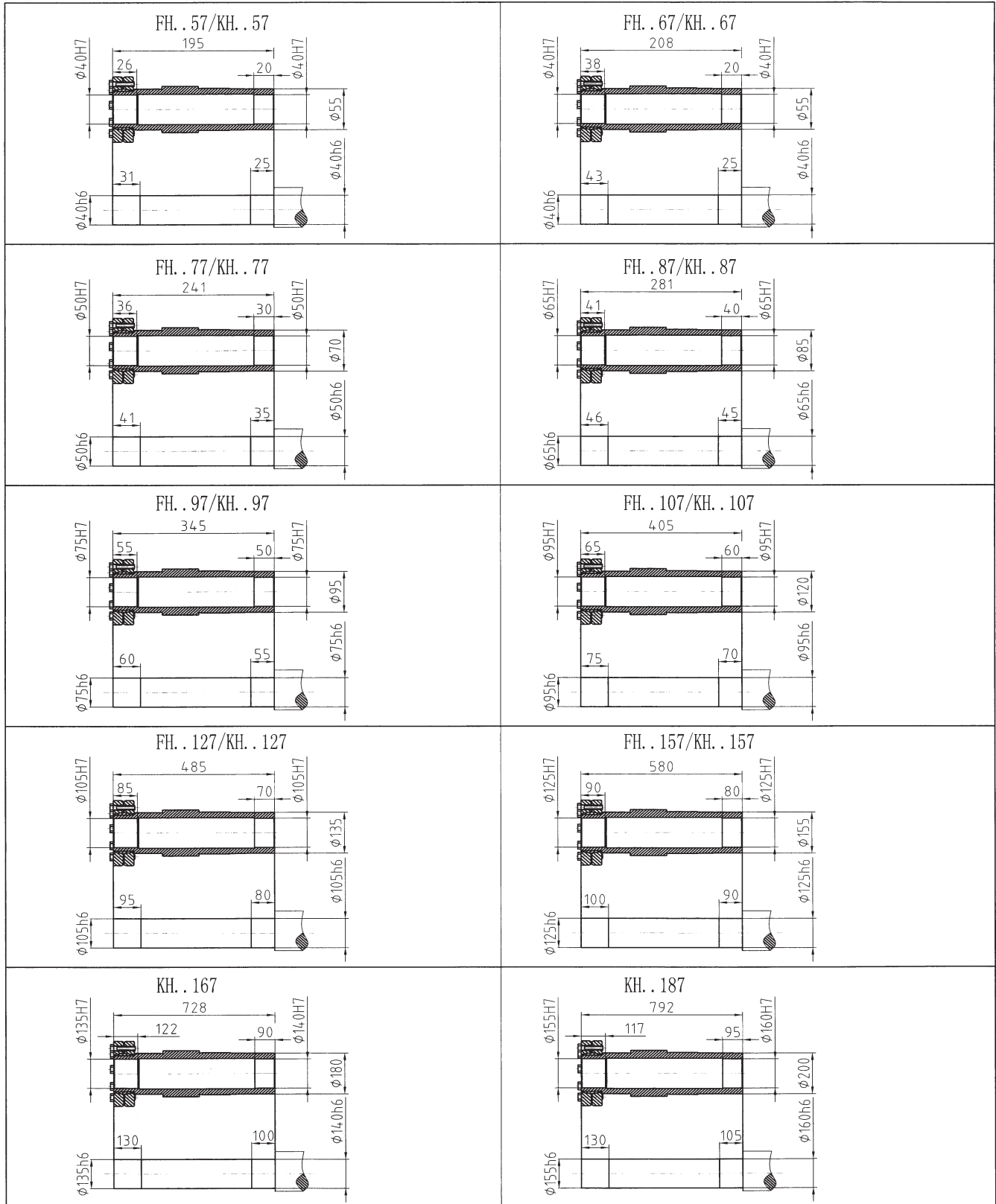
Recommended lubricants brand number:

润滑油类型 Lubrication type	油润滑 Oil				脂润滑 Grease	专用润滑油 Special Lubricants	
环境温度 (°C) Ambient temperature °C	+40 to 0	+25 to-15	+10 to-30	-20 to-50	+40 to-15	-40 to+80	-40 to+10
ISO 粘度 ISO viscosity class	VG 220	VG 150 VG 100	VG 68-46 VG 32	VG 22 VG 15		VG 220	VG 32
	BP Energol GR-XP220	BP Energol GR-XP100	BP Energol GR-XP68	BP Energol LPT 22	BP Energrease HT-EP 00		
	Mobilgear 630	Mobilgear 629	Mobil D.T.E 15M	Mobil D.T.E 11M	Mobilplex 44	Mobil SHC 630	Mobil SHC 624
	Shell Omala Oil 220	Shell Omala Oil 100	Shell Tellus Oil T32	Aero Shell Fluid 41	Shell Grease S 3655		



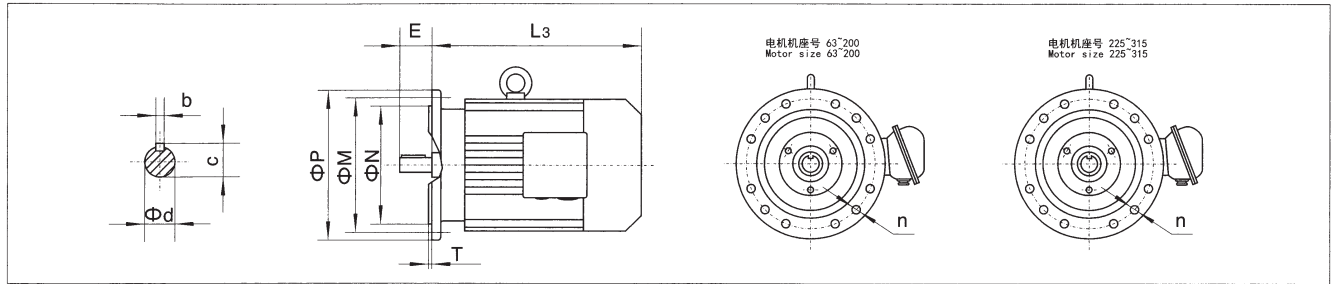
注：1 四大系列带胀紧套减速机除输出轴不同外，其余均同平键空心轴标准产品

Note:1 Except the output shaft, the main four series gear units with shrink disk are the same as the standard ones with hollow shafts with plat key.



注：1.四大系列带胀紧盘减速机除输出轴不同外，其余均同平键空心轴标准产品

Note:1 Except the output shaft, the main four series gear units with shrink disk are the same as the standard ones with hollow shafts with plat key.

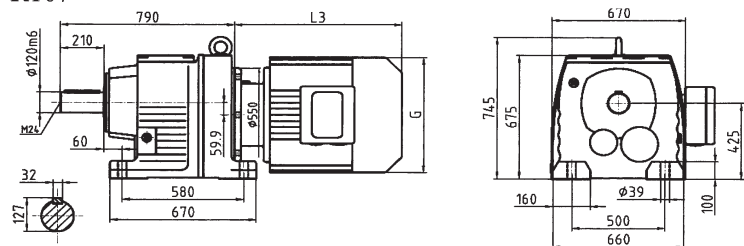


电机 机座号	4级 Class4		6级 Class6		8级 Class8		L3				安 装 尺 寸 Mounting dimensions										M(kg)			
	P ₁ (kW)	n ₁ (r/min)	P ₁ (kW)	n ₁ (r/min)	P ₁ (kW)	n ₁ (r/min)	Y ₂	B	YEJ	YVP	M	N	P	n	T	d	E	b	c	Y (铝壳) (Aluminum housing)	Y ₂	B	YEJ	YVP
63	0.12	1390					202	270	328		115	95j6	140	4×Φ10	3	11j6	23	4	8.5	5.5	13			11
	0.18	1390																		6	13.5	15		12
71	0.25	1390	0.18	850			225	285	345		130	110j6	160	4×Φ10	3.5	14j6	30	5	11	6.5	14	16	12	14
	0.37	1390	0.25	850																7.5	14.5	16	13	15
80	0.55	1390	0.37	885	0.18	645	255	290	350	310	165	130j6	200	4×Φ12	3.5	19j6	40	6	15.5	10	15	31	20	16
	0.75	1390	0.55	885	0.25	645														11	16	32	21	17
90S	1.1	1400	0.75	910	0.37	670	270	310	370	320	165	130j6	200	4×Φ12	3.5	24j6	50	8	20	16	23	35	27	23
90L	1.5	1400	1.1	910	0.55	670	295	335	395	345	165	130j6	200	4×Φ12	3.5	24j6	50	8	20	20	25	39	31	28
100	2.2	1420			0.75	680	325	370	420	370	215	180j6	250	4×Φ15	4	28j6	60	8	24		33	49	41	35
	3	1420	1.5	920	1.1	680															35	53	44	36
112M	4	1440	2.2	940	1.5	690	340	400	450	390	215	180j6	250	4×Φ15	4	28j6	60	8	24		41	67	60	43
132S	5.5	1440	3	960	2.2	710	390	430	505	450	265	230j6	300	4×Φ15	4	38k6	80	10	33		65	93	85	63
132M	7.5	1460	4	960	3	710	430	470	545	490	265	230j6	300	4×Φ15	4	38k6	80	10	33		76	105	98	75
			5.5	960																				
160M	11	1460	7.5	960	4	720	505	545	610	550	300	250h6	350	4×Φ19	5	42k6	110	12	37		118	150	143	116
					5.5	720																		
160L	15	1460	11	960	7.5	720	560	585	655	595	300	250h6	350	4×Φ19	5	42k6	110	12	37		132	169	165	136
180M	18.5	1470					590	620	715	740	300	250h6	350	4×Φ19	5	48k6	110	14	42.5		164	205	203	169
180L	22	1470	15	970	11	730	630	640	765	790	300	250h6	350	4×Φ19	5	48k6	110	14	42.5		182	222	216	183
200	30	1470	18.5	970	15	730	660	695	790	850	350	300h6	400	4×Φ19	5	55k6	110	16	49		245	300	296	236
			22	970																				
225S	37	1480			18.5	730	675	705	860	910	400	350h6	450	8×Φ19	5	60m6	140	18	53		258	360	370	291
225M	45	1480	30	980	22	730	705	730	890	940	400	350h6	450	8×Φ19	5	60m6	140	18	53		290	390	405	327
250	55	1480	37	980	30	730	770	795		1060	500	450h6	550	8×Φ19	5	65m6	140	18	58		388	530	498	393
280S	75	1480	45	980	37	730	845	870		1160	500	450h6	550	8×Φ19	5	75m6	140	20	67.5		510	660	633	520
280M	90	1485	55	980	45	740	895	920		1260	500	450h6	550	8×Φ19	5	75m6	140	20	67.5		606	785	723	610
315S	110	1485	75	980	55	740	1100	1100		1330	600	550h6	660	8×Φ24	6	80m6	170	22	71		910	1000	1150	950
315M	132	1485	90	985	75	740	1180	1180		1380	600	550h6	660	8×Φ24	6	80m6	170	22	71		1000	1100	1230	1030
315L	160	1485	110	985	90	740	1270	1270						8×Φ24	6	80m6	170	22	71		1055	1100	1320	1100
	200	1485	132	985	110	740																		
																					1128	1160	1420	1200

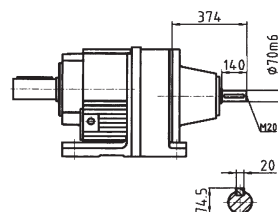
注：由于结构需要及生产厂家不同，有时参数会有所变化，此表仅供参考，准确尺寸请来电垂询。

Note: Sometimes the parameters may be changed with the different structures and manufacturers, this table is only for reference, please refer to us for the exact dimensions.

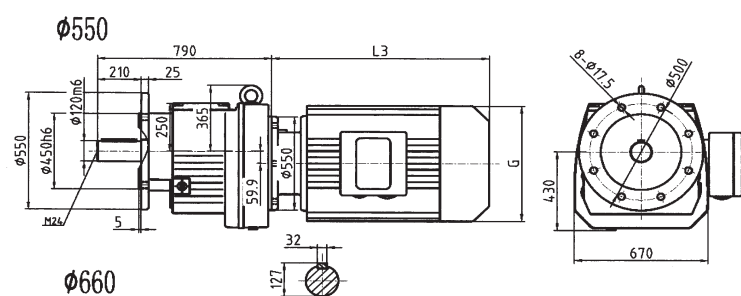
R167



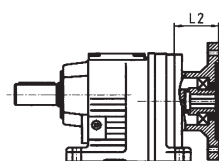
R..S167



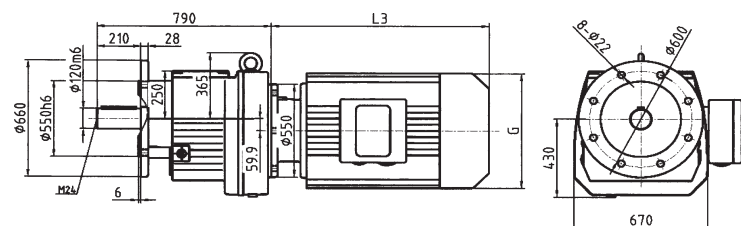
RF167



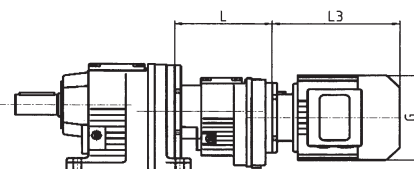
电机需方装配时或配特殊电机时需加联接法兰
when equipping the user's moto
or the special one,the flange is
required to connected



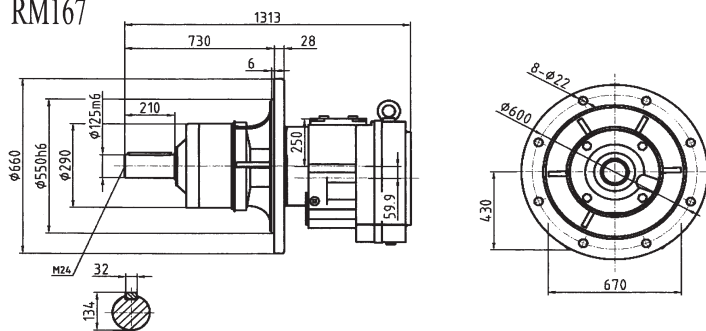
$\phi 660$



R..167RF107(97)



RM167



	R..167RF97	R..167RF107
L	320	355

注: 其余尺寸见相应结构形式

Note:For other values please
refer to the oppsited structure

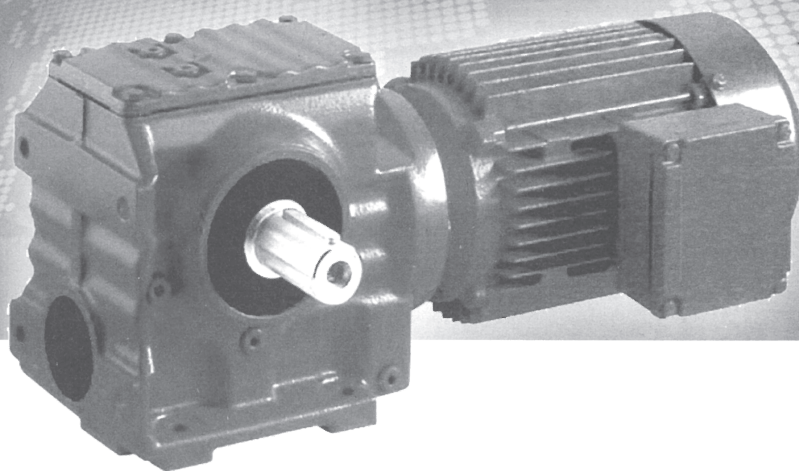
Y2电机座号 Motor size	160M	160L	180M	180L	200	225S	225M	250	280S	280M	315S	315M	315L
功率/4P Power/(kw)	11	15	18.5	22	30	37	45	55	75	90	110	132	160
L3	505	550	605	645	660	680	705	790	845	845	1100	1130	1360
G	335	335	380	380	420	475	475	510	580	580	645	645	645
L2	125	125	125	125	150	150	150	165	165	165	190	190	190

注: "RX.."表示RX.RXF

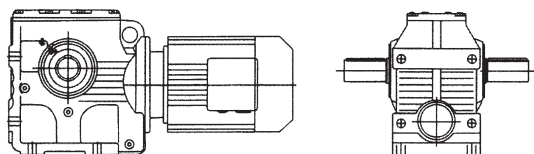
Note: "RX.."mean RX.RXF

S 系列斜齿轮蜗轮蜗杆减速机 S series worm helical gear motor

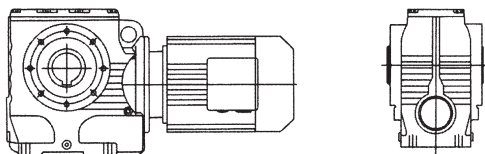
[系列产品]
series of products



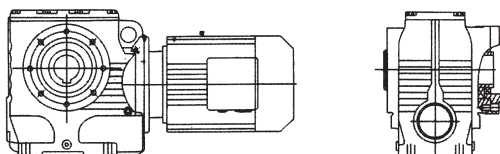
S系列减速机有以下设计方案：
S series gear units are available
in the following designs:



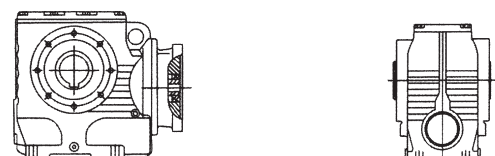
S..Y..
底脚轴伸式安装斜齿-蜗轮蜗杆减速机
Foot-mounted helical-worm gear units
with solid shaft



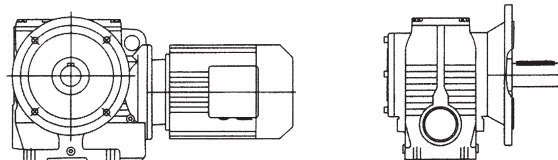
SA...Y..
空心轴安装斜齿-蜗轮蜗杆减速机
Helical-worm gear units with hollow shaft



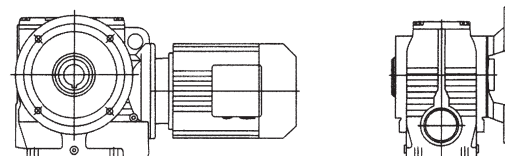
SAZ...Y..
小法兰空心轴安装斜齿-蜗轮蜗杆减速机
Short-flange mounted helical-worm gear units
with hollow shaft



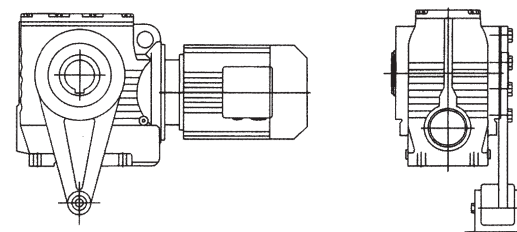
SA(S, SF, SAF, SAZ) ...Y..
电机用户自配或配特殊电机时需加联接法兰
When equipping the user's motor or the
special one, the flange is required to be
connected



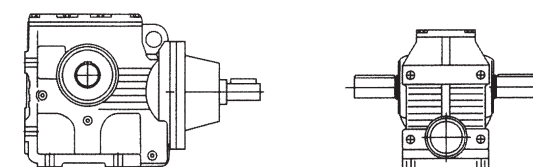
SF...Y..
法兰轴伸式安装斜齿-蜗轮蜗杆减速机
Flange-mounted helical-worm gear units with
solid shaft



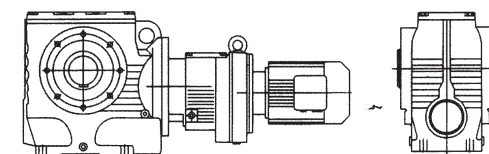
SAF...Y..
法兰空心轴安装斜齿-蜗轮蜗杆减速机
Flange-mounted helical-worm gear units
with hollow shaft



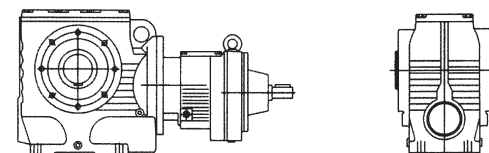
SAT...Y..
带防转臂空心轴安装斜齿-蜗轮蜗杆减速机
Torque-arm-mounted helical-worm gear units
with hollow shaft



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

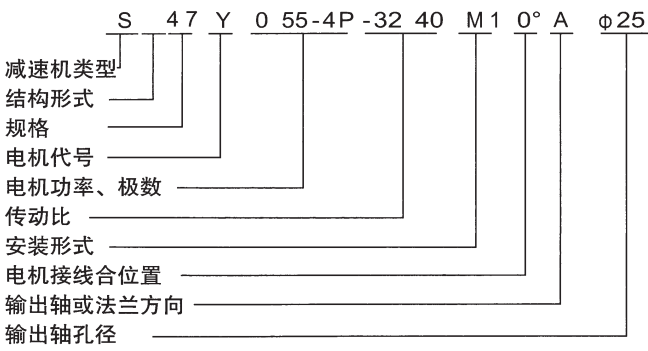
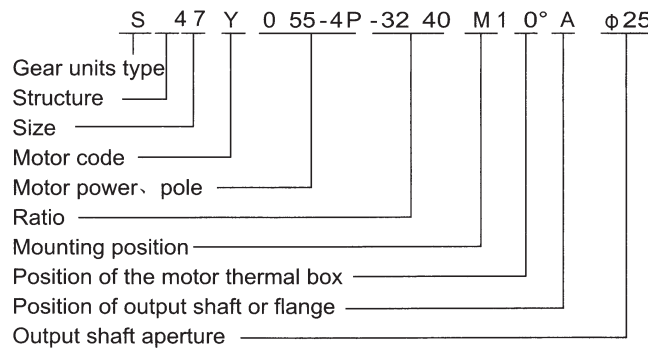


SA(S, SF, SAF, SAZ)...RF...Y..
组合式斜齿-蜗轮蜗杆减速机
Combinatorial helical-worm gear units



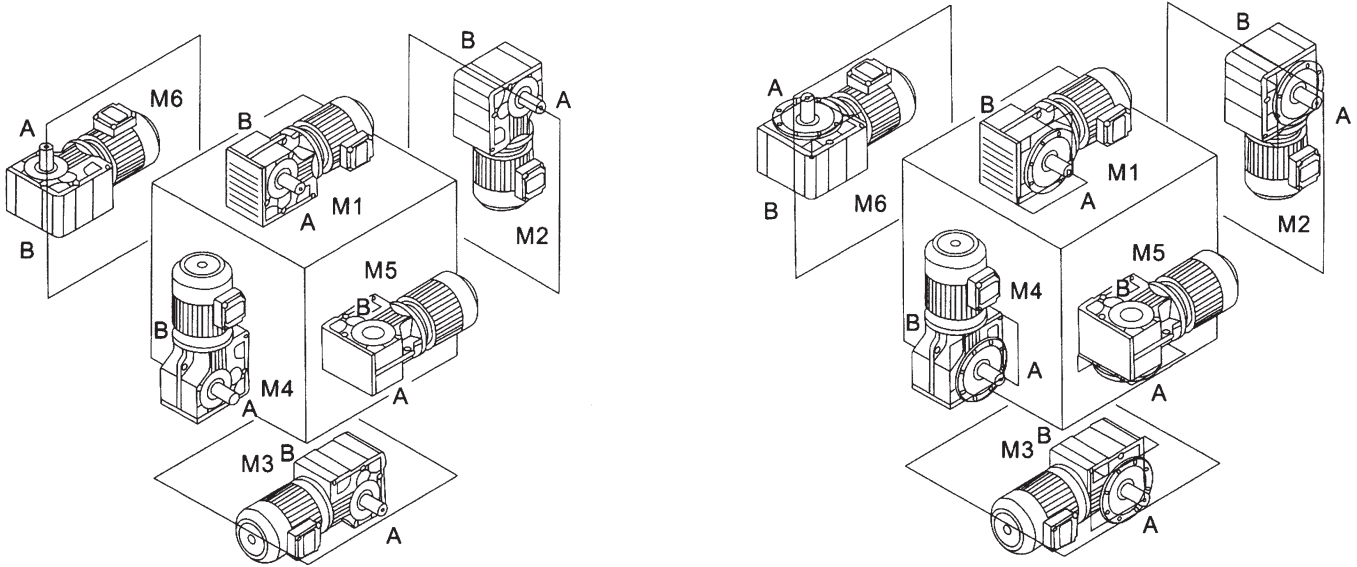
SA(S, SF, SAF, SAZ)S...RF...
轴输入的组合式斜齿-蜗轮蜗杆减速机
Shaft input combinatorial helical-worm
Gear units

型号与标记:
Tpe Designation:

 减速机类型 S 结构形式 47 规格 Y 电机代号 0 电机功率、极数 55-4P 传动比 -32 安装形式 40 电机接线盒位置 M 1 输出轴或法兰方向 0° 输出轴孔径 A φ25	 Gear units type S Structure 47 Size Y Motor code 0 Motor power, pole 55-4P Ratio -32 Mounting position 40 Position of the motor thermal box M 1 Position of output shaft or flange 0° Output shaft aperture A φ25
减速机类型: 斜齿-蜗轮蜗杆减速机	Gear units type: Helical-worm gear units
结构形式: 普通轴伸式 (省略) 轴装式 A 轴伸法兰式 F 轴装法兰式 AF 轴装小法兰式 AZ 轴装带防转臂 AT 普通轴伸式, 轴输入 S 普通轴装式, 轴输入 AS 轴伸法兰式, 轴输入 FS 轴装法兰式, 轴输入 AFS 带锁紧盘式 H..(H, HF, HZ, HT,)	Structure: Foot-mounted solid shaft output (-) Hollow shaft output A Flange-mounted solid shaft output F Flange-mounted hollow shaft output AF Short-flange-mounted hollow shaft output AZ Torque-arm-mounted hollow shaft output AT Foot-mounted solid shaft output, shaft input S Hollow shaft output, shaft input AS Flange-mounted solid shaft output, shaft input FS Flange-mounted hollow shaft output, shaft input AFS Hollow shaft output,with shrink disk H..(H, HF, HZ, HT,)
规格: (见选型参数表)	Size: (see selection table)
电机代号: 普通 (更新) Y(Y2) 防爆 B 直流 Z 制动 E 多速 D 变频 V 分马力 F 增安 A 电磁调速 C 冶金起重 R 变频制动 VE 辊道 G	Motor code: Ordinary(renew) Y(Y2) Flame-proof B Direct current Z Brake E Multi-speed D Variable frequency V Power-divided F Ampere-increased A Electromagnetism speed modulation C Hoisting in metallurgy R Variable frequency and brake VE Roller tables G
电机功率、极数: (见选型参数表)	Motor power, pole: (see selection table)
传动比: (见选型参数表)	Ratio: (See selection table)
安装形式: M1、M2、M3、M4、M5、M6 (见第70页)	Mounting position: M1、M2、M3、M4、M5、M6 (see page 70)
电机接线盒位置: 0° 90° 180° 270° (见第70页)	Position of the motor thermal box: 0° 90° 180° 270° (see page 70)
输出轴或法兰方向: 从电机尾部看左边 A 从电机尾部看右边 B (见安装形式) 从电机尾部看左右边 A + B	Position of output shaft or flange: Viswing on motor end:left side-A, right side-B,both sides-A + B(see mounting position)
输出轴 孔径: (见安装尺寸图) 带实心轴输出时省略	Output shaft aperture: (See the chart of mouting dimension)It will be omitted when solid output shaft

安装形式

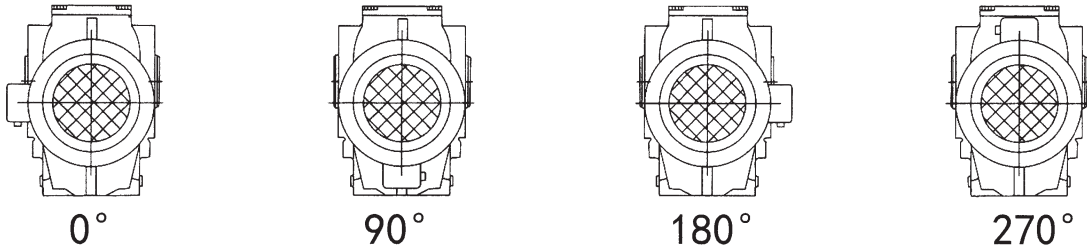
Mounting position



S series

电机接线盒位置

Position of the motor thermal box



输入功率及最大转矩*

Input power rating and maximum 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
最大转(N.m) Maximum torque	90	170	300	520	1270	2280	4000

最大转矩系指该规格不同传动比对应的最大转矩中的最大值。

*)Macimum torque means the biggest one of the maximum torque related to the different ratio for the specified size.

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	润滑油量(升) Fill quantity in liters					
Size	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	润滑油量(升) Fill quantity in liters					
Size	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	润滑油量(升) Fill quantity in liters					
Size	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 If multi-stage fear units must be filled with the larger oil volume.

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

输出转速 Output speed r/min	输出扭矩 Output torque Nm	传动比 Ratio i	使用系数 Service factor f _B	机 型 号 Type Type	极 数 Pole p	输出转速 Output speed r/min	输出扭矩 Output torque Nm	传动比 Ratio i	使用系数 Service factor f _B	机 型 号 Type Type	极 数 Pole p
0.25kW						0.37kW					
3.7	383	227.20	1.28	S 67 SF 67 SA 67 SAF 67	6	0.68	2611	2054	0.82	S 87R57 SF 87R57 SA 87R57 SAF 87R57	4
4.1	346	205.11	1.41		6	0.76	2488	1824	0.86		4
4.7	304	180.46	1.61		6	0.85	2318	1631	0.92		4
5.0	287	170.40	1.70		6	1.5	1655	930	1.29		4
5.9	243	144.00	2.01		6	1.7	1479	831	1.45		4
6.1	234	227.20	2.09	S 67 SF 67 SA 67 SAF 67	4	1.9	1271	714	0.94	S 77R37 SF 77R37 SA 77R37 SAF 77R37	4
6.8	211	205.11	2.31		4	2.2	1134	637	1.05		4
7.7	186	180.46	2.63		4	2.4	1021	574	1.17		4
8.2	176	170.40	2.78		4	2.8	888	499	1.34		4
9.7	148	144.00	3.30		4	3.2	779	438	1.53		4
11	134	130.00	3.65		4	3.6	692	389	1.72	S 67R37 SF 67R37 SA 67R37 SAF 67R37	4
12	118	114.38	4.15		4	3.8	557	365	0.88		4
13	111	108.00	4.39		4	4.4	568	319	0.92		4
4.3	331	196.21	0.85	S 57 SF 57 SA 57 SAF 57	6	4.9	500	281	0.98		4
4.7	304	180.40	0.93		6	5.7	438	246	1.12		4
5.5	260	154.35	1.08		6	3.0 3.4 4.0	702 627 527	222.00 198.00 166.43	3.03 3.42 4.07	S 87 SF 87 SA 87 SAF 87	8
6.4	225	133.79	1.25		6						8
6.8	211	125.05	1.34		6						8
7.1	202	196.21	1.39	S 57 SF 57 SA 57 SAF 57	4	2.8 3.3 3.5 4.0 4.3	763 652 598 524 497	241.09 206.04 188.89 165.75 157.08	1.57 1.83 2.00 2.28 2.40	S 77 SF 77 SA 77 SAF 77	8
7.7	186	180.40	1.52		4						8
9.0	159	154.35	1.77		4						8
10	138	133.79	2.05		4						8
11	129	125.05	2.19		4						8
13	111	108.09	2.53		4	3.9 4.3 4.9 5.2 6.1	544 491 432 408 345	227.20 205.11 180.46 170.40 144.00	0.90 1.00 1.13 1.20 1.42	S 67 SF 67 SA 67 SAF 67	6
15	95	91.84	2.98		4						6
17	85	82.00	3.34		4						6
7.0	204	197.73	0.81	S 47 SF 47 SA 47 SAF 47	4						6
8.3	173	168.00	0.92		4	6.1 6.8 7.7 8.2 9.7 11 12	347 313 275 260 220 198 174	227.20 205.11 180.46 170.40 144.00 130.00 114.38	1.41 1.56 1.78 1.88 2.23 2.47 2.80	S 67 SF 67 SA 67 SAF 67	4
9.3	155	150.00	1.04		4						4
9.5	151	146.84	1.06		4						4
10	141	137.25	1.13		4						4
12	122	118.64	1.31		4						4
14	104	100.80	1.54		4						4
15	93	90.00	1.73		4						4
18	79	76.88	2.02		4						4
19	74	72.00	2.16		4	5.7 6.6 7.1 8.2 9.6 10.8	370 321 300 259 220 196	154.35 133.79 125.05 108.09 91.84 82.00	0.81 0.88 0.94 1.09 1.28 1.44	S 57 SF 57 SA 57 SAF 57	6
23	63	60.65	2.24		4						6
24	71	59.32	2.56		4						6
28	61	50.40	2.64		4						6
31	54	45.00	2.96		4						6
13	107	104.00	0.81	S 37 SF 37 SA 37 SAF 37	4	7.1 7.7 9.0 10 11 13 15 17 20 21 22	299 275 235 204 191 165 140 125 119 111 107	196.21 180.40 154.35 133.79 125.05 108.09 91.84 82.00 70.04 66.89 62.53	0.94 1.02 1.20 1.38 1.48 1.71 2.01 2.25 2.64 2.37 2.53	S 57 SF 57 SA 57 SAF 57	4
15	94	90.91	0.91		4						4
16	88	85.22	0.97		4						4
18	77	75.20	1.10		4						4
21	69	66.67	1.24		4						4
25	63	56.67	1.36		4						4
27	58	52.00	1.46		4						4
31	55	45.45	1.56		4						4
33	51	42.61	1.66		4						4
37	45	37.60	1.88		4						4
42	40	33.33	2.12		4						4
49	34	28.33	2.50		4						4
59	32	23.46	2.64		4	10 12 14 15 18	209 181 154 137 117	137.25 118.64 100.80 90.00 76.88	0.80 0.88 1.04 1.17 1.36	S 47 SF 47 SA 47 SAF 47	4
74	26	18.85	3.28		4						4
84	23	16.48	3.75		4						4
90	21	15.45	4.00		4						4
102	19	13.63	4.54		4						4
115	17	12.08	5.12		4						4
135	14	10.27	6.02		4						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	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						0.55kW																
19	110	72.00	1.46	S 47 SF 47 SA 47 SAF 47	4	3.7	859	241.09	1.39	S 77 SF 77 SA 77 SAF 77	6											
23	106	60.65	1.52			4.3	734	206.04	1.63													
24	93	59.32	1.73			4.7	673	188.89	1.78													
28	90	50.40	1.78			5.3	590	165.75	2.02													
31	80	45.00	2.00			5.6	559	157.08	2.13													
36	68	38.44	2.34			5.8	547	241.09	2.18	S 77 SF 77 SA 77 SAF 77	4											
39	64	36.00	2.50																			
46	56	30.33	2.84																			
50	54	27.74	2.96																			
54	53	25.93	3.03			6.1	515	227.20	0.95	S 67 SF 67 SA 67 SAF 67	4											
62	46	22.41	3.51																			
73	39	19.04	4.13																			
82	35	17.00	4.63																			
21	102	66.67	0.84									S 37 SF 37 SA 37 SAF 37	4	6.8	465	205.11	1.05					
25	93	56.67	0.92	7.7	409									180.46	1.20							
27	86	52.00	0.98	8.2	386									170.40	1.27							
31	81	45.45	1.05	9.7	326									144.00	1.50							
33	76	42.61	1.12	11	295	130.00	1.66															
37	67	37.60	1.27	12	259	114.38	1.89															
42	59	33.33	1.43	13	245	108.00	2.00															
49	50	28.33	1.69	15	208	91.96	2.35															
59	48	23.46	1.78	17	189	83.57	2.58															
74	38	18.85	2.22	19	172	72.39	2.84															
84	34	16.48	2.54	21	164	65.00	2.98															
90	31	15.45	2.71	9.6	327	91.84	0.86	S 57 SF 57 SA 57 SAF 57	6													
102	28	13.63	3.07							11	292			82.00	0.97							
115	25	12.08	3.46							12	251			70.40	1.01							
135	21	10.27	4.07							13	278			66.89	1.12							
0.55kW	1.0	2517	1332							S 87R57 SF 87R57 SA 87R57 SAF 87R57	4	14	260	62.53	1.19							
	1.2	2475	1191									0.87	16	225	54.05	1.26						
	1.3	2460	1032									0.87	19	191	45.92	1.48						
	1.5	2340	930									0.92	22	170	41.00	1.66						
	1.7	2198	831									0.97	25	146	35.20	1.93						
	1.9	1902	719									1.13	9.0	350	154.35	0.81	S 57 SF 57 SA 57 SAF 57	4				
	2.2	1651	624									1.30							10	303	133.79	0.93
	2.5	1476	558									1.45							11	284	125.05	0.99
	3.2	1151	435	1.86	13	245	108.09	1.15														
	2.8	1320	499	0.90	S 77R37 SF 77R37 SA 77R37 SAF 77R37	4	15	208	91.84			1.35										
							17	186	82.00			1.52										
							20	177	70.40			1.59										
							21	165	66.89			1.70										
							22	160	62.53			1.77										
							26	143	54.05			1.97										
3.2	1159	438	1.03	S 87 SF 87 SA 87 SAF 87	8	30	121	45.92	2.32													
						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													
5.7	585	246	0.84	S 67R37 SF 67R37 SA 67R37 SAF 67R37	4	57	74	24.40	3.82													
						66	64	21.09	4.42													
						18	174	76.88	0.92													
						19	163	72.00	0.98													
6.3	558	221	0.88	S 87 SF 87 SA 87 SAF 87	6	23	157	60.65	1.02													
						25	138	59.32	1.16													
						28	133	50.40	1.20													
						31	119	45.00	1.34													
7.0	524	198	0.93	S 87 SF 87 SA 87 SAF 87	8	36	102	38.44	1.57													
						39	95	36.00	1.68													
						46	80	30.33	1.91													
						50	84	27.74	1.99													
8.3	444	168	1.10	S 77 SF 77 SA 77 SAF 77	8	54	78	25.93	2.04													
						62	68	22.41	2.36													
						73	58	19.04	2.78													
						82	51	17.00	3.11													
3.0	1044	222.00	2.05	S 87 SF 87 SA 87 SAF 87	8	96	44	14.52	3.65													
						102	41	13.60	3.89													
						121	35	11.46	4.62													
						3.3	969	206.04	1.23	S 77 SF 77 SA 77 SAF 77	8											
3.5	888	188.89	1.34																			
4.0	780	165.75	1.53																			
4.3	739	157.08	1.62																			

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

输出转速 Output speed r/min	输出扭矩 Output torque Nm	传动比 Ratio i	使用系数 Service factor f _s	机 型 号 Type Type	极 数 Pole p	输出转速 Output speed r/min	输出扭矩 Output torque Nm	传动比 Ratio i	使用系数 Service factor f _s	机 型 号 Type Type	极 数 Pole p
1.1kW						1.1kW					
1.7	4328	824	0.87			20	351	70.04	0.80		
2.0	3750	714	1.00	S 97R57	4	21	328	66.89	0.86		
2.2	3288	626	1.14	SF 97R57	4	22	315	62.53	0.89		
2.6	2826	538	1.33	SA 97R57	4	26	284	54.05	0.99		
2.9	2542	484	1.48	SAF 97R57	4	30	241	45.92	1.17		
3.3	2206	420	1.70			34	215	41.00	1.31		
						40	184	35.02	1.53	S 57	4
2.2	2547	624	0.84			43	181	32.80	1.56	SF 57	4
2.5	2512	558	0.85			46	172	30.12	1.64	SA 57	4
2.9	2341	485	0.92			54	157	26.11	1.80	SAF 57	4
3.2	2285	435	0.94	S 87R57	4	57	146	24.40	1.93		
3.7	1985	378	1.08	SF 87R57	4	66	127	21.09	2.23		
4.3	1697	323	1.26	SA 87R57	4	78	108	17.92	2.62		
5.0	1476	281	1.45	SAF 87R57	4	88	96	16.00	2.94		
5.5	1339	255	1.60			102	82	13.67	3.44		
6.3	1166	222	1.84			109	77	12.80	3.67		
6.8	1077	205	1.99			130	65	10.78	4.36		
				S 77R37	4						
6.4	1150	219	1.04	SF 77R37	4	46	182	30.33	0.88		
				SA 77R37	4	50	167	27.74	0.96		
				SAF 77R37	4	54	156	25.93	1.03	S 47	4
						62	135	22.41	1.19	SF 47	4
3.0	2136	230.48	1.76	S 97	8	74	114	19.04	1.40	SA 47	4
3.3	1923	207.48	1.96	SF 97	8	82	102	17.00	1.57	SAF 47	4
3.6	1742	187.89	2.16	SA 97	8	96	87	14.52	1.84		
				SAF 97	8	103	82	13.60	1.96		
						122	69	11.46	2.33		
3.9	1596	230.48	2.36	S 97	6	1.5kW					
4.4	1437	207.48	2.62	SF 97	6	2.0	4484	714	0.84		
4.8	1301	187.89	2.89	SA 97	6	2.2	4383	626	0.86	S 97R57	4
				SAF 97	6	2.6	3853	538	0.98	SF 97R57	4
6.3	999	222.00	2.14			2.9	3467	484	1.08	SA 97R57	4
7.1	891	198.00	2.40	S 87	4	3.3	3008	420	1.25	SAF 97R57	4
8.4	749	166.43	2.86	SF 87	4	3.7	2693	376	1.40		
9.2	689	152.95	3.11	SA 87	4	4.3	2342	327	1.61		
10.3	612	135.83	3.50	SAF 87	4						
						2.9	2707	485	0.79		
5.8	1085	241.09	1.10			3.2	2481	435	0.86		
6.8	928	206.04	1.29			3.7	2313	378	0.93	S 87R57	4
7.4	850	188.89	1.40			4.3	2225	323	0.96	SF 87R57	4
8.4	746	165.75	1.60	S 77	4	5.0	2013	281	1.06	SA 87R57	4
8.9	707	157.08	1.69	SF 77	4	5.5	1826	255	1.17	SAF 87R57	4
10	619	137.48	1.93	SA 77	4	6.3	1590	222	1.35		
11	558	123.86	2.14	SAF 77	4	6.8	1468	205	1.46		
13	489	108.65	2.44								
15	432	95.88	2.77			3.0	2871	230.48	1.31	S 97	8
						3.3	2584	207.48	1.45	SF 97	8
11	585	130.00	0.84			3.7	2340	187.89	1.61	SA 97	8
12	515	114.38	0.95			4.1	2076	166.62	1.81	SAF 97	8
13	486	108.00	1.01								
15	414	91.96	1.18			4.0	2153	230.48	1.75	S 97	6
17	376	83.57	1.30			4.4	1938	207.48	1.94	SF 97	6
19	341	72.39	1.43	S 67	4	4.9	1755	187.89	2.14	SA 97	6
22	326	65.00	1.50	SF 67	4	5.5	1557	166.62	2.42	SAF 97	6
23	300	63.00	1.63	SA 67	4						
24	284	57.19	1.72	SAF 67	4	6.1	1415	230.48	2.66	S 97	4
26	264	54.00	1.72			6.7	1274	207.48	2.95	SF 97	4
30	242	45.98	2.02			7.5	1154	187.89	3.26	SA 97	4
34	220	41.79	2.23							SAF 97	4
39	190	36.20	2.57			4.1	2074	222.00	1.03	S 87	6
44	165	31.50	2.96			4.6	1850	198.00	1.16	SF 87	6
53	139	26.40	3.53			5.5	1555	166.43	1.38	SA 87	6
						6.1	1429	152.95	1.50	SAF 87	6

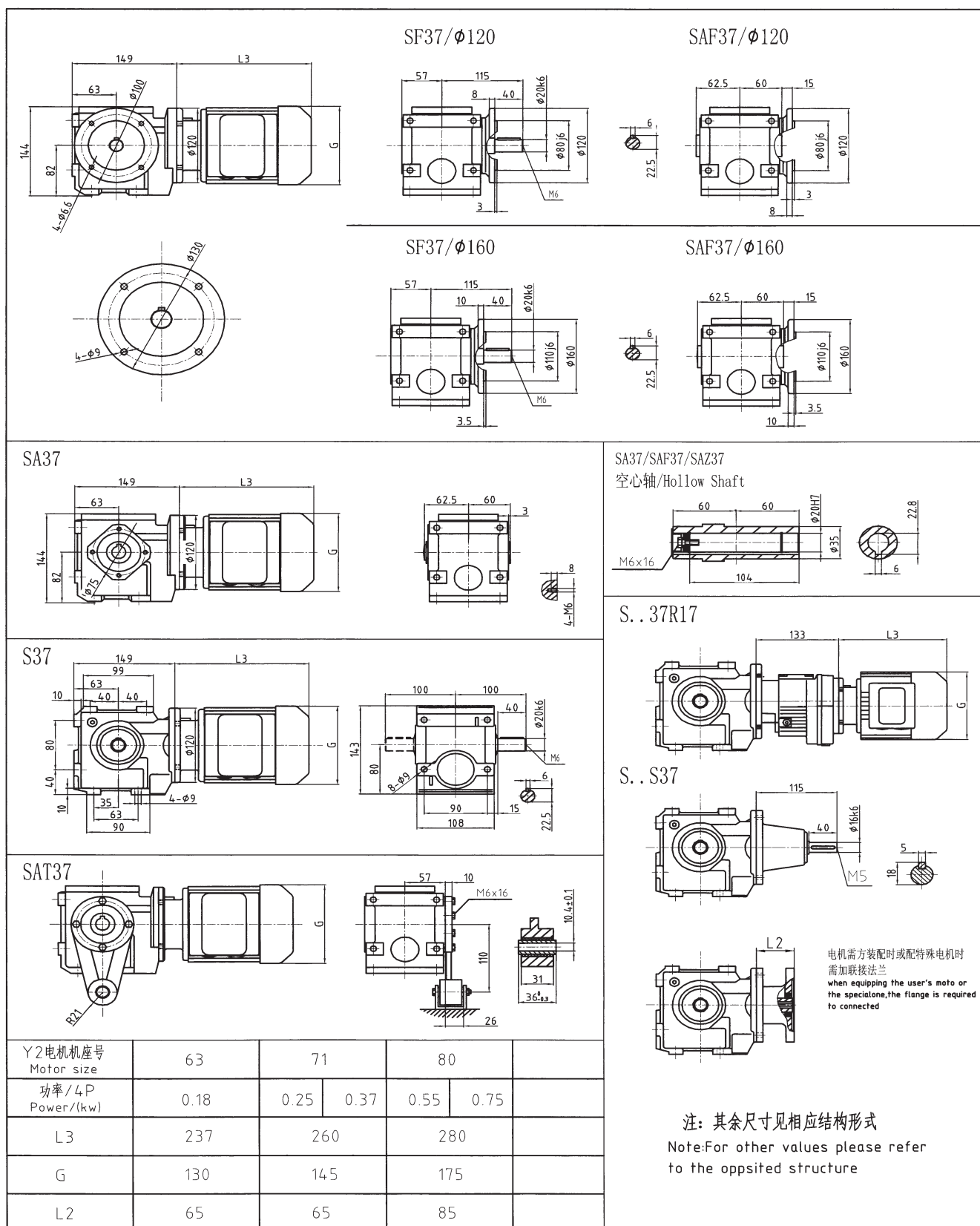
输出转速 Output speed r/min	输出扭矩 Output torque Nm	传动比 Ratio i	使用系数 Service factor f _s	机 型 号 Type Type	极 数 Pole p	输出转速 Output speed r/min	输出扭矩 Output torque Nm	传动比 Ratio i	使用系数 Service factor f _s	机 型 号 Type Type	极 数 Pole p
1.5kW						2.2kW					
6.3	1363	222.00	1.56	S 87 SF 87 SA 87 SAF 87	4	3.4	4350	420	0.86	S 97R57 SF 97R57 SA 97R57 SAF 97R57	4
7.1	1216	198.00	1.76			3.8	3894	376	0.97		
8.4	1022	166.43	2.10			4.3	3387	327	1.11		
9.2	939	152.95	2.28			4.9	2972	287	1.26		
10	834	135.83	2.57			5.6	2610	252	1.44		
12	746	121.44	2.87			4.1	3091	230.48	1.22	S 97 SF 97 SA 97 SAF 97	6
13	670	109.19	3.20								
15	582	94.77	3.68								
7.4	1160	188.89	1.03	S 77 SF 77 SA 77 SAF 77	4	4.5	2782	207.48	1.35	S 97 SF 97 SA 97 SAF 97	6
8.4	1018	165.75	1.17			5.0	2520	187.89	1.49		
8.9	964	157.08	1.24			6.2	2046	230.48	1.84	S 97 SF 97 SA 97 SAF 97	4
10	844	137.48	1.41								
11	760	123.86	1.57								
13	667	108.65	1.79								
15	589	95.88	2.03								
16	564	85.00	2.12								
18	522	78.78	2.29								
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	S 67 SF 67 SA 67 SAF 67	4	6.4	1971	222.00	1.08	S 87 SF 87 SA 87 SAF 87	4
19	466	72.39	1.05			7.2	1758	198.00	1.22		
22	444	65.00	1.10			8.5	1477	166.43	1.45		
23	410	63.00	1.19			9.3	1358	152.95	1.58		
24	387	57.19	1.26			10	1206	135.83	1.78		
26	367	54.00	1.26			12	1078	121.44	1.99		
30	329	45.98	1.48			13	969	109.19	2.21		
34	299	41.79	1.63			15	841	94.77	2.55		
39	259	36.20	1.89			17	753	84.86	2.74		
44	226	31.50	2.17			19	733	75.63	2.84		
53	216	26.40	2.26			20	700	70.40	3.06	S 77 SF 77 SA 77 SAF 77	4
59	195	23.83	2.51			21	630	67.62	3.40		
67	171	20.92	2.86			23	625	60.80	3.43		
71	162	19.80	3.02			27	547	52.77	3.92		
83	138	16.86	3.54			10	1220	137.48	0.98		
91	125	15.32	3.90			11	1100	123.86	1.09		
106	109	13.27	4.50			13	965	108.65	1.24		
121	95	11.55	5.17			15	851	95.88	1.40		
43	247	32.80	1.14	S 57 SF 57 SA 57 SAF 57	4	17	816	85.00	1.46		
46	235	30.12	1.20			18	755	78.78	1.58		
54	214	26.11	1.32			20	748	72.22	1.60		
57	200	24.40	1.41			22	656	63.38	1.82		
66	173	21.09	1.63			24	622	60.06	1.92		
78	147	17.92	1.92			27	544	52.57	2.19		
88	131	16.00	2.15			30	491	47.36	2.43		
102	112	13.67	2.52			34	430	41.54	2.78		
109	105	12.80	2.69			39	380	36.66	3.14		
130	88	10.78	3.20			44	337	32.50	3.55		
96	119	14.52	1.35	S 47 SF 47 SA 47 SAF 47	4	51	307	27.75	3.89	S 67 SF 67 SA 67 SAF 67	4
103	111	13.60	1.44			55	287	25.93	4.15		
122	94	11.46	1.71			62	269	22.75	4.43		
						66	255	21.56	4.68		
				S 67 SF 67 SA 67 SAF 67	4	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		
						60	282	23.83	1.73		
						68	248	20.97	1.97		
						72	234	19.80	2.09		
						84	200	16.86	2.45		
						93	181	15.32	2.70		
						107	157	13.27	3.11		
						123	137	11.55	3.58		

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 _s	机 型 号 Type Type	极 数 Pole p	输出转速 Output speed r/min	输出扭矩 Output torque Nm	传动比 Ratio i	使用系数 Service factor f _s	机 型 号 Type Type	极 数 Pole p
2.2kW						3kW					
89	189	16.00	1.49	S 57	4	39	511	36.20	0.96		
104	162	13.67	1.74	SF 57	4	45	445	31.50	1.10		
111	152	12.80	1.86	SA 57	4	54	426	26.40	1.15		
132	128	10.78	2.21	SAF 57	4	60	385	23.83	1.27	S 67	4
3kW						68	338	20.97	1.44	SF 67	4
				S 97R57	4	72	320	19.80	1.53	SA 67	4
4.9	4053	287	0.93	SF 97R57	4	84	272	16.86	1.80	SAF 67	4
				SA 97R57	4	93	247	15.32	1.98		
				SAF 97R57	4	107	214	13.27	2.28		
						123	186	11.55	2.62		
6.2	2790	230.48	1.35			104	221	13.67	1.28	S 57	4
6.8	2512	207.48	1.50			111	207	12.80	1.36	SF 57	4
7.6	2275	187.89	1.65			132	174	10.78	1.62	SA 57	4
8.5	2017	166.62	1.86	S 97	4					SAF 57	4
9.4	1824	150.64	2.06	SF 97	4	4kW					
11	1546	127.68	2.43	SA 97	4	6.2	3668	230.48	1.02		
13	1350	111.52	2.79	SAF 97	4	6.9	3302	207.48	1.14		
15	1177	93.27	3.20			7.7	2991	187.89	1.26		
17	1129	83.31	3.33			8.6	2652	166.62	1.42		
18	978	80.75	3.85			9.6	2398	150.64	1.57	S 97	4
						11	2032	127.68	1.85	SF 97	4
8.5	2015	166.43	1.06			13	1775	111.52	2.12	SA 97	4
9.3	1852	152.95	1.16			15	1547	93.27	2.43	SAF 97	4
10	1644	135.83	1.30			17	1485	83.31	2.53		
12	1470	121.44	1.46			18	1399	80.75	2.69		
13	1322	109.19	1.62			19	1285	75.32	2.93		
15	1147	94.77	1.87	S 87	4	23	1185	63.84	3.17		
17	1068	84.86	2.01	SF 87	4	26	1035	55.76	3.63		
19	1027	75.63	2.09	SA 87	4						
20	955	70.40	2.24	SAF 87	4	12	1933	121.44	1.11		
21	859	67.62	2.50			13	1738	109.19	1.23		
23	852	60.80	2.51			15	1508	94.77	1.42		
27	745	52.77	2.88			17	1404	84.86	1.53		
30	696	47.25	3.08			19	1351	75.63	1.59		
33	667	43.13	3.21			20	1256	70.40	1.71		
36	617	39.20	3.47			21	1129	67.62	1.90		
37	554	38.25	3.87			24	1121	60.80	1.91	S 87	4
42	481	34.09	4.45			27	980	52.77	2.19	SF 87	4
						30	915	47.25	2.34	SA 87	4
17	1113	85.00	1.07			33	877	43.13	2.44	SAF 87	4
18	1029	78.78	1.16			37	812	39.20	2.64		
20	1020	72.22	1.17			38	728	38.25	2.94		
22	895	63.38	1.33			42	682	34.09	3.14		
24	848	60.06	1.41			45	633	32.15	3.39		
27	742	52.57	1.61			49	627	29.55	3.42		
30	669	47.36	1.79			55	557	26.24	3.85		
34	587	41.54	2.04	S 77	4	61	498	23.46	4.30		
39	518	36.66	2.31	SF 77	4						
44	459	32.50	2.60	SA 77	4	24	1115	60.06	1.07		
51	419	27.75	2.85	SAF 77	4	27	976	52.57	1.22		
55	392	25.93	3.05			30	879	47.36	1.36		
62	367	22.75	3.25			35	771	41.54	1.55		
66	348	21.56	3.43			39	681	36.66	1.75		
75	305	18.87	3.92			44	604	32.50	1.98	S 77	4
84	274	17.00	4.35			52	550	27.75	2.17	SF 77	4
95	241	14.91	4.96			56	515	25.93	2.32	SA 77	4
108	212	13.16	5.62			63	483	22.75	2.47	SAF 77	4
122	188	11.67	6.34			67	458	21.56	2.61		
143	161	9.96	7.43			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		

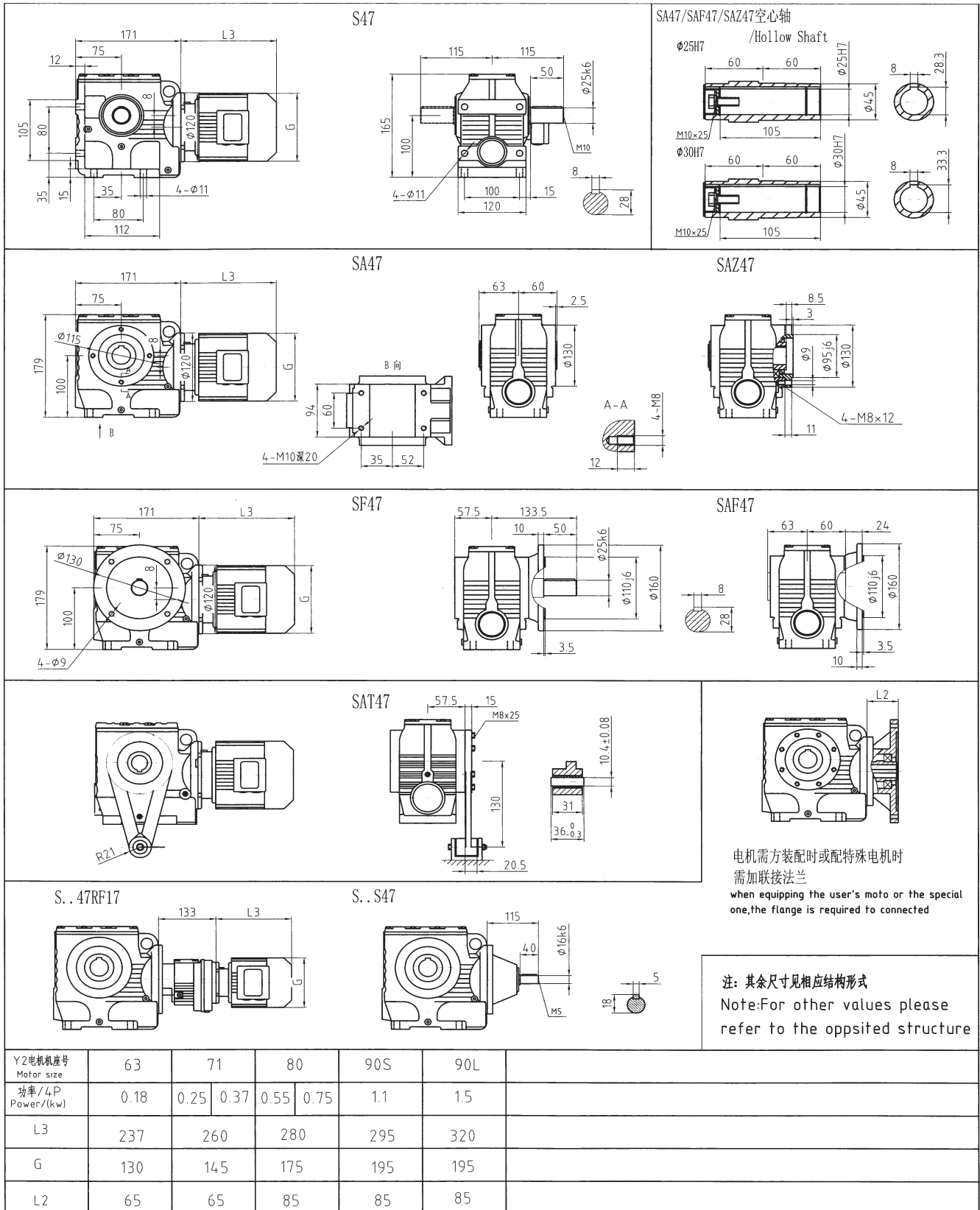
输出转速 Output speed r/min	输出扭矩 Output torque Nm	传动比 Ratio i	使用系数 Service factor f _B	机 型 号 Type Type	极 数 Pole p	输出转速 Output speed r/min	输出扭矩 Output torque Nm	传动比 Ratio i	使用系数 Service factor f _B	机 型 号 Type Type	极 数 Pole p
4kW						7.5kW					
73	420	19.80	1.16	S 67	4	13	3304	111.52	1.14		
85	358	16.86	1.37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

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	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								
49	2329	29.67	1.61	S	97	4					
55	2065	26.31	1.82	SF	97	4					
61	1867	23.79	2.01	SA	97	4					
72	1582	20.16	2.38	SAF	97	4					
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					
				SAF	87	4					
18.5kW											
40	3499	36.39	1.07								
45	3150	32.76	1.19								
50	2853	29.67	1.32								
56	2530	26.31	1.49	S	97	4					
62	2287	23.79	1.64	SF	97	4					
73	1938	20.16	1.94	SA	97	4					
83	1693	17.61	2.22	SAF	97	4					
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								
73	2305	20.16	1.63	S	97	4					
83	2014	17.61	1.87	SF	97	4					
100	1684	14.73	2.23	SA	97	4					
115	1458	12.75	2.58	SAF	97	4					

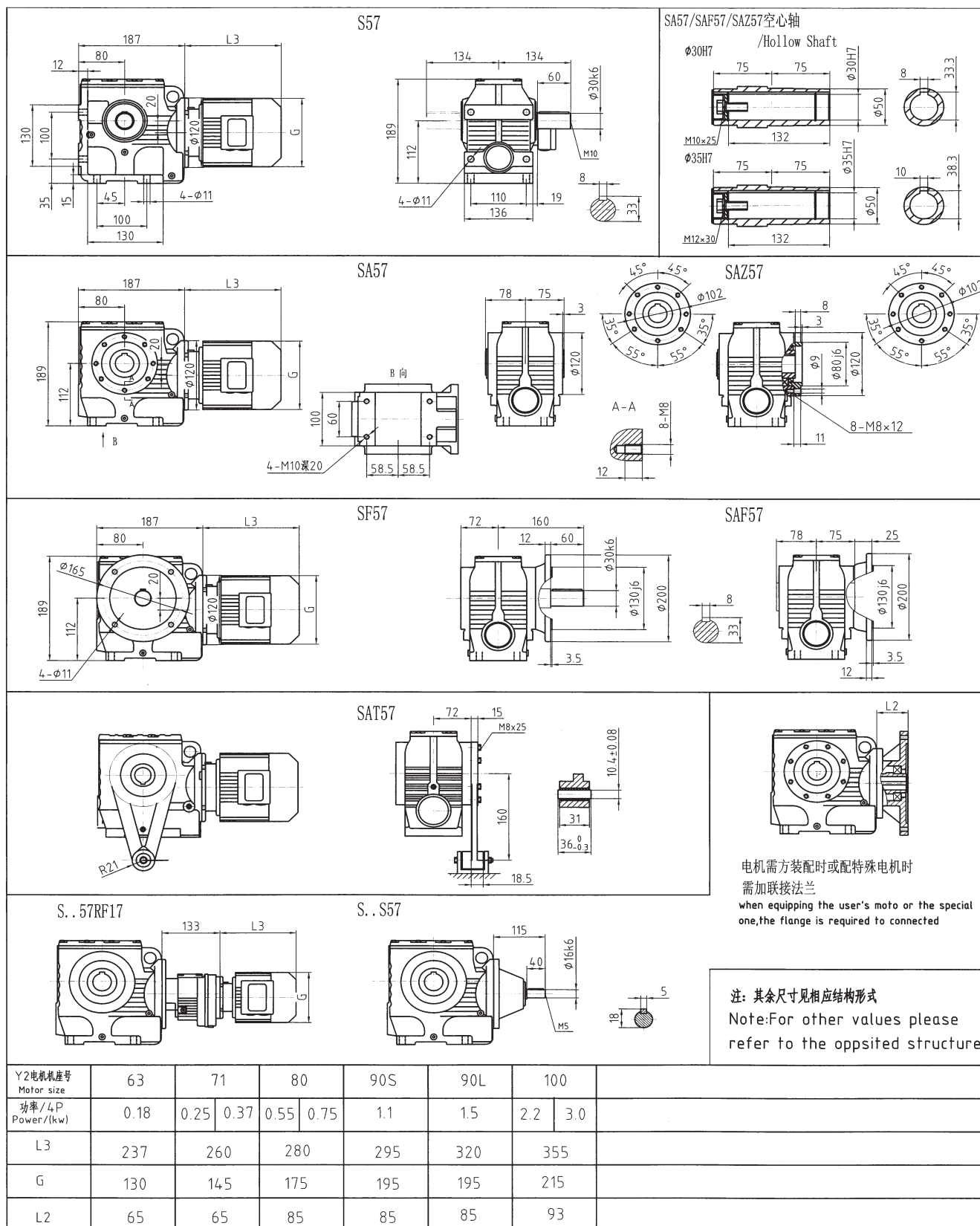
Mamax Permissible Rorque Nm	输出转速 Output speed r/min	传动比 Ratio i	机型号 Type Type	功 率 Power kW/4p	Mamax Permissible Rorque Nm	输出转速 Output speed r/min	传动比 Ratio i	机型号 Type Type	功 率 Power kW/4p	
90	7.8	179	S 37R17 SF 37R17 SA 37R17 SAF37R17	0.18	2280	0.24	5875	S 87R57 SF 87R57 SA 87R57 SAF87R57	0.18	
	8.8	158				0.27	5187			
	9.7	144				0.30	4606			
	12	118				0.36	3872			
	13	110		0.25		0.40	3475		0.25	
170	3.6	388	S 47R17 SF 47R17 SA 47R17 SAF47R17	0.18		0.48	2905			
	4.1	336				0.54	2586	0.37		
	4.7	294				0.60	2335			
	5.4	257		0.25		0.68	2054			
	6.1	229				0.76	1824	0.55		
	7.0	200				0.85	1631			
	7.4	187				1.0	1332			
8.4	165	1.2				1191	0.75			
300	2.4	574	S 57R17 SF 57R17 SA 57R17 SAF57R17	0.18		1.3		1032		
	2.7	506				1.5	930	1.1		
	3.2	438				1.7	831			
	3.6	388				1.9	719	1.5		
	4.1	336		0.25		2.2	624			
	4.7	294				2.5	558	2.2		
	5.2	269				2.9	485			
	6.1	229				3.2	435	0.18		
	6.8	204		0.37		3.7	378			
	7.4	187				4.4	323			
	8.4	165		5.1	281	0.25				
11	131	0.55		0.16	8608					
520	1.3	1045	4000	0.18			0.18	7554	0.18	
	1.5	914				0.21	6640			
	1.7	809				0.24	5780			
	2.0	712				0.28	4937			
	2.3	615		0.25		0.31	4444	0.25		
	2.6	543				0.35	4017			
	3.0	469				0.40	3453	0.37		
	3.3	424				0.45	3108			
	3.8	365				0.52	2654			
	4.4	319		0.55		0.60	2329			
	4.9	281				0.67	2081	0.55		
	5.7	246				0.75	1860			
	6.3	221				0.88	1574			
	7.0	198		0.75	1.0	1394	0.75			
1270	0.45	3098		S 77R37 SF 77R37 SA 77R37 SAF77R37	0.18			1.1	1223	
	0.67	2083						1.3	1070	
	0.77	1813					1.5	928	1.1	
	0.80	1745					1.7	824		
	0.87	1600					2.0	714		
	1.0	1404			0.25		2.2	626	1.5	
	1.1	1245					2.6	538		
	1.3	1100					2.9	484		
	1.5	954					3.4	420	2.2	
	1.7	837			0.37		3.8	376		
	1.9	714					4.3	327	3	
	2.2	637					4.9	287		
	2.4	574			0.55		5.7	252		
	2.8	499					6.6	219		
	3.2	438					0.75			
	3.6	389								
	4.3	327								
	4.8	289			1.1					
	5.6	250								
	6.4	219								



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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								SA67/SAF67/SAZ67空心轴 /Hollow Shaft			
S..67RF37				S..S67				电机需方装配时或配特殊电机时 需加联接法兰 when equipping the user's moto or the special one,the flange is required to connected			
								注: 其余尺寸见相应结构形式 Note:For other values please refer to the oppsited 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	260		280	295	320	355	365	430			
G	145		175	195	195	215	240	275			
L2	65		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

S77

SA77/SAF77/SAZ77空心轴
/Hollow Shaft

SA77

SAZ77

SF77

SF77

SAT77

SAT77

电机需方装配时或配特殊电机时
需加联接法兰
when equipping the user's moto or the special
one,the flange is required to be connected

S..77RF37

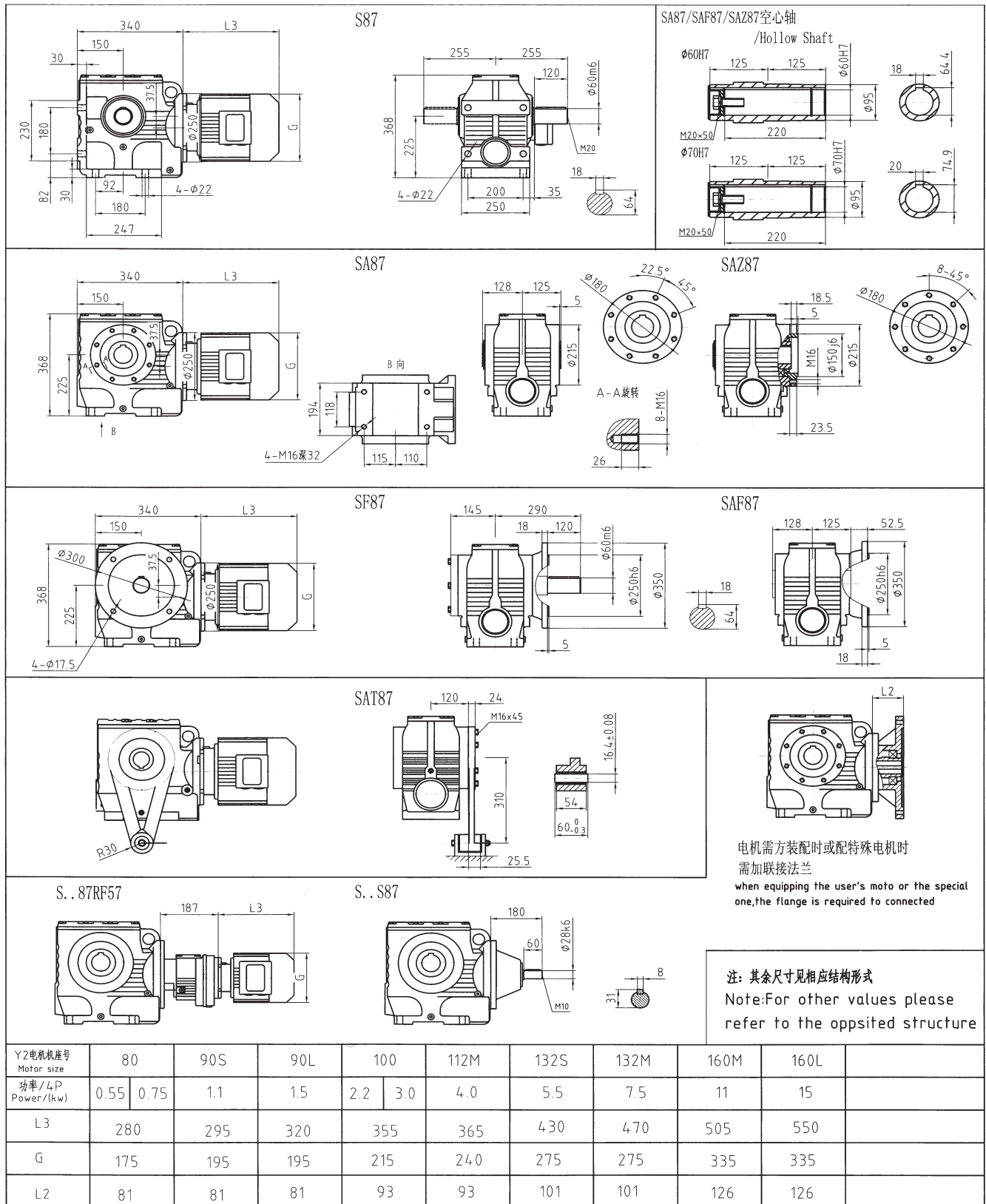
S..S77

注：其余尺寸见相应结构形式
Note:For other values please
refer to the oppsited structure

Y2电机座号 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	280	295	320	355	365	430	470		
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



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