

减速机选型手册 SPEED REDUCER SELECTION GUIDE





上海相宽机械设备有限公司

SHANGHAI XIANGKUAN MECHANICAL EQUIPMENT CO.,LTD.

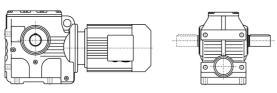
5系列斜齿 - 蜗轮蜗杆减速机 5 Helical-worm gear units





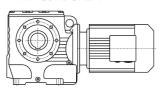
S系列减速机有以下设计方案:

S series gear units are available in the following designs:



S..Y..

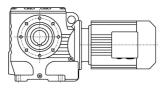
底脚轴伸式安装斜齿-蜗轮蜗杆减速机 Foot-mounted helical-worm gear units with solid shaft





SA...Y...

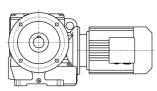
空心轴安装斜齿-蜗轮蜗杆减速机 Helical-worm gear units with hollow shaft

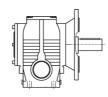




SAZ...Y...

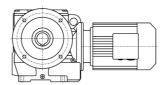
小法兰空心轴安装斜齿-蜗轮蜗杆减速机 Short-flange mounted helical-worm gear units with hollow shaft





SF...Y..

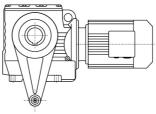
法兰轴伸式安装斜齿-蜗轮蜗杆减速机 Flange-mounted helical-worm gear units with solid shaft

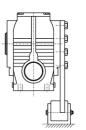




SAF...Y.

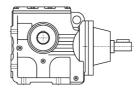
法兰空心轴安装斜齿-蜗轮蜗杆减速机 Flange-mounted helical-worm gear units with hollow shaft

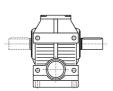




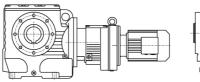
SAT...Y..

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



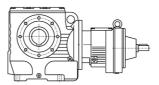


S(SF、SA、SAF、SAZ)S... 轴输入的斜齿-蜗轮蜗杆减速机 Shaft input helical-worm gear units



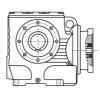


SA (S、SF、SAF、SAZ) ...R...Y... 组合式斜齿-蜗轮蜗杆减速机 Combinatorial helical-worm gear units





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





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

电机用户自配或配特殊电机时需加联接法兰

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



型号与标记:

Type Designations:

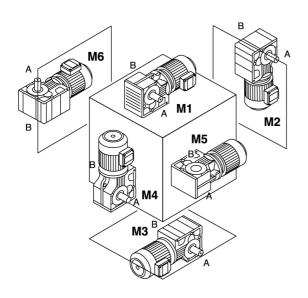
S AF37-Y 0.55-4P-12.08-M1-270°-A-Φ25	SAF37-Y 0.55-4P-12.08-M	1–270°–А–Ф25
减速机类型 结构形式 规格 电机代号 电机功率、极数 传动比 安装形式 电机接线盒位置 输出轴、锁紧盘或法兰方向 输出轴孔径 减速机类型:	Gear units type Structure Size Motor code Motor power、pole Ratio Mounting position Position of the motor thermal box Position of output shaft, shrink disk or flang Output shaft aperture Gear units type:	
斜齿-蜗轮蜗杆减速机 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)	Helical-worm gear units Structure: Foot-mounted solid shaft output Hollow shaft output Flange-mounted solid shaft output Flange-mounted hollow shaft output Short-flange-mounted hollow shaft outpu Torque-arm-mounted hollow shaft outpu Foot-mounted solid shaft output, shaft in Hollow shaft output, shaft input Flange-mounted solid shaft output, shaft Flange-mounted hollow shaft output, shaft *Hollow shaft output with shrink disk	ut AT put S AS input FS ift input AFS
规格: (见选型参数表)	Size: (see selection table)	
电机代号: 普通(更新) Y(Y2) 防 爆 B 直 流 Z 制 动 YEJ 多 速 D 变 频 YVP 电磁调速 YCT 冶金起重 R 变频制动 YVPJ 報 道 G	Flame-proof B Direct current Z Brake Y Multi-speed D Variable frequency Y Electromagnetism speed modulation Y Hoisting in metallurgy R	EJ VP CT VPJ
电机功率、极数: (见选型参数表) 传动比: (见选型参数表)	(see selection table) Ratio: (see selection table)	
安装形式:	Mounting position: M1、M2、M3、M4、M5、M6(see page 10	05)
电机接线盒位置: 0°、90°、180°、270°(见第105页)	Position of the motor thermal box: 0°, 90°, 180°, 270° (see page 105)	
输出轴或法兰方向: 从电机尾部看左边为 A 从电机尾部看右边为 B (见安装形式) 从电机尾部看右边为 A+B	Position of output shaft or flange: viewing on motor end:left side –A, right side–B,both sides–A+B(see mounting position)	
输出轴孔径: (见安装尺寸图)带实心轴输出时省略	Output shaft aperture: (see the chart of mouting dimension) It be omitted when solid output shaft	will
·	*Hollow shaft output with shrink disk, see P409-410 for	dotail

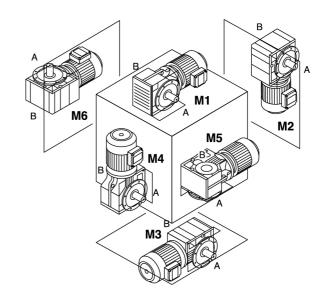
^{*}带锁紧盘式,详见409-410页。

^{*}Hollow shaft output with shrink disk, see P409-410 for detail.



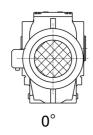
安装形式 Mounting position

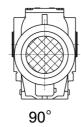


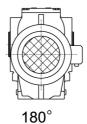


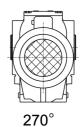
电机接线盒位置

Position of the motor thermal box









输入功率及许用转矩

Input power rating and permissible torque

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



减速机重量

Gear unit weight

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

所注重量为平均值,仅供参考

The weights are mean values, only for reference.

润滑油量表 Lubrication table

S...:

规格		润 滑 油 量				
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) F	ill quantity in lite	rs	
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) F			
Size	M1	M2	M3 ¹)	M4	M5	M6
S37	0.25	0.4	0.5	0.6	0.4	0.4
S47	0.4	0.8	0.7	1.1	0.8	0.8
S57	0.5	1.1	1	1.6	1.2	1.2
S67	1	2.0	1.8/2.6	2.9	2.5	2.5
S77	1.8	3.9	3.6/5	5.9	4.5	4.5
S87	3.8	7.4	6/8.7	11.2	8	8
S97	7	14	11.4/16	21	15.7	15.7

注:1)表示减速机为组合型时低速级所加油量为大值。

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



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



输出转速	输出扭矩	传动比	使用系数	机型号	极数	输出转速	输出扭矩	传动比	使用系数	机 型 号	极 数																				
Output speed	Output torque	Ratio	Service factor	Type	Pole	Output speed	Output torque	Ratio	Service factor	Type	Pole																				
r/min	Nm	i	f _B	Type	р	r/min	Nm	i	f _B	Туре	р																				
0.25k	W					0.37k	W																								
3.7	383	227.20	1.28	S 67	6	0.68	2611	2054	0.82	S 87R57	4																				
4.1 4.7	346 304	205.11 180.46	1.41 1.61	SF 67	6	0.76 0.85	2488 2318	1824 1631	0.86 0.92	SF 87R57	4																				
4.7 5.0	287	170.40	1.70	SA 67	6	1.5	1655	930	1.29	SA 87R57	4																				
5.9	243	144.00	2.01	SAF67	6	1.7	1479	831	1.45	SAF87R57	4																				
6.1	234	227.20	2.09			1.9	1271	714	0.94																						
6.8	211	205.11	2.31	0 67	4	2.2	1134	637 574	1.05	S 77R37	4																				
7.7 8.2	186 176	180.46 170.40	2.63 2.78	S 67 SF 67	4 4	2.4 2.8	1021 888	499	1.17 1.34	SF 77R37 SA 77R37	4 4																				
9.7	148	144.00	3.30	SA 67	4	3.2	779	438	1.53	SAF77R37	4																				
11	134	130.00	3.65	SAF67	4	3.6	692	389	1.72		•																				
12	118	114.38	4.15																												
13	111	108.00	4.39			3.8	557	365	0.88	S 67R37	4																				
4.5	004	100.0:	0.07			4.4	568	319	0.92	SF 67R37	4																				
4.3	331	196.21	0.85	S 57	6	4.9 5.7	500 438	281 246	0.98	SA 67R37	4																				
4.7 5.5	304 260	180.40 154.35	0.93 1.08	SF 57	6	5.7	430	240	1.12	SAF67R37	4																				
6.4	200	133.79	1.06	SA 57	6	2.0	700	222.00	2.00	S 87	8																				
6.8	211	125.05	1.34	SAF57	6	3.0 3.4	702 627	198.00	3.03 3.42	SF 87	8																				
						4.0	527	166.43	4.07	SA 87	8																				
7.1	202	196.21	1.39				02.			SAF87	8																				
7.7	186	180.40	1.52	0 57		2.8	763	241.09	1.57																						
9.0 10	159 138	154.35 133.79	1.77 2.05	S 57 SF 57	4 4	3.3	652	206.04	1.83	S 77	8																				
11	129	125.05	2.05		4	3.5	598	188.89	2.00	SF 77	8																				
13	111	108.09	2.53	SA 57 SAF57											SA 57 SAF57										4	4.0	524	165.75	2.28	SA 77 SAF77	8 8
15	95	91.84	2.98				4.3	497	157.08	2.40	SAFII	0																			
17	85	82.00	3.34							007.00																					
		407.70					3.9	544	227.20	0.90	S 67	6																			
7.0	204	197.73 168.00	0.81 0.92						4.3 4.9	491 432	205.11 180.46	1.00 1.13	SF 67	6																	
8.3 9.3	173 155	150.00	1.04								5.2	408	170.40	1.20	SA 67	6															
9.5	151	146.84	1.04			6.1	345	144.00	1.42	SAF67	6																				
10	141	137.25	1.13																												
12	122	118.64	1.31	S 47	4	6.1	347	227.20	1.41																						
14	104	100.80	1.54	SF 47	4	6.8	313	205.11	1.56	S 67	4																				
15	93	90.00	1.73	SA 47	4	7.7 8.2	275 260	180.46 170.40	1.78 1.88	SF 67	4																				
18 19	79 74	76.88 72.00	2.02 2.16	SAF47	4	9.7	220	144.00	2.23	SA 67	4																				
23	74 71	60.65	2.16			11	198	130.00	2.47	SAF67	4																				
24	63	59.32	2.56			12	174	114.38	2.80																						
28	61	50.40	2.64																												
31	54	45.00	2.96			5.7	370	154.35	0.81	0	^																				
13	107	104.00	0.81			6.6 7.1	321 300	133.79 125.05	0.88 0.94	S 57 SF 57	6 6																				
15	94	90.91	0.81			8.2	259	108.09	1.09	SF 57 SA 57	6																				
16	88	85.22	0.97			9.6	220	91.84	1.28	SAF57	6																				
18	77	75.20	1.10			10.8	196	82.00	1.44																						
21	69	66.67	1.24				000	400 5 :																							
25	63	56.67	1.36			7.1	299 275	196.21	0.94																						
27	58 55	52.00	1.46			7.7 9.0	275 235	180.40 154.35	1.02 1.20																						
31 33	55 51	45.45 42.61	1.56 1.66			10	204	133.79	1.38		_																				
33 37	45	37.60	1.88	S 37	4	11	191	125.05	1.48	S 57	4																				
42	40	33.33	2.12		4	13	165	108.09	1.71	SF 57 SA 57	4																				
49	34	28.33	2.50	SF 37 SA 37 SAF37	4	15	140	91.84	2.01	SA 57 SAF57	4 4																				
59	32	23.46	2.64		4	17	125	82.00	2.25	OAI 37	7																				
74	26	18.85	3.28			20	119	70.04	2.64																						
84	23	16.48	3.75									21 22	111 107	66.89 62.53	2.37 2.53																
90 102	21 19	15.45 13.63	4.00 4.54																												
115	17	12.08	5.12			10	209	137.25	0.80	S 47	4																				
135	14	10.27	6.02			12	181	118.64	0.88	SF 47	4																				
										SA 47	4																				
										SAF47	4																				
100	1-7	10.21	5.02			14 15 18	154 137 117	100.80 90.00 76.88	1.04 1.17 1.36	SA 47	4																				



输出转速	输出扭矩	告动い	使用系数	机型号	极数	输出转读	———— 输出扭矩	传动い	————— 使用系数	机型号	极数			
Output speed	Output torque	Ratio	Service factor	Type	Pole	Output speed	Output torque	Ratio	Service factor	Type	Pole			
r/min	Nm	i	f _B	Туре	р	r/min	Nm	i	f _B	Туре	р			
0.37k	W					0.55k	W							
19 23 24 28 31	110 106 93 90 80	72.00 60.65 59.32 50.40 45.00	1.46 1.52 1.73 1.78 2.00	S 47 SF 47	4 4	3.7 4.3 4.7 5.3 5.6	859 734 673 590 559	241.09 206.04 188.89 165.75 157.08	1.39 1.63 1.78 2.02 2.13	S 77 SF 77 SA 77 SAF77	6 6 6			
36 39 46 50 54	68 64 54 56 53	38.44 36.00 30.33 27.74 25.93	2.34 2.50 2.96 2.84 3.03	SA 47 SAF47	SA 47	4 4 4	5.8 6.7 7.4	547 467 428	241.09 206.04 188.89	2.18 2.56 2.79	S 77 SF 77 SA 77 SAF77	4 4 4 4		
62 73 82	46 39 35	22.41 19.04 17.00	3.51 4.13 4.63			6.1 6.8 7.7 8.2	515 465 409 386	227.20 205.11 180.46 170.40	0.95 1.05 1.20 1.27					
21 25 27 31 33 37 42 49 59	102 93 86 81 76 67 59 50	66.67 56.67 52.00 45.45 42.61 37.60 33.33 28.33 23.46	0.84 0.92 0.98 1.05 1.12 1.27 1.43 1.69	S 37 SF 37 SA 37 SAF37	4 4 4 4	9.7 11 12 13 15 17 19	326 295 259 245 208 189 172 164	144.00 130.00 114.38 108.00 91.96 83.57 72.39 65.00	1.50 1.66 1.89 2.00 2.35 2.58 2.98 2.84	S 67 SF 67 SA 67 SAF67	4 4 4 4			
74 84 90 102 115 135	38 34 31 28 25 21	18.85 16.48 15.45 13.63 12.08 10.27	2.22 2.54 2.71 3.07 3.46 4.07	5.4. 67					9.6 11 12 13 14 16 19 22	327 292 251 278 260 225 191	91.84 82.00 70.40 66.89 62.53 54.05 45.92 41.00	0.86 0.97 1.01 1.12 1.09 1.26 1.48 1.66	S 57 SF 57 SA 57 SAF57	6 6 6
1.0 1.2 1.3 1.5 1.7 1.9 2.2 2.5 3.2	2517 2475 2460 2340 2198 1902 1651 1476 1151	1332 1191 1032 930 831 719 624 558 435	0.85 0.87 0.87 0.92 0.97 1.13 1.30 1.45 1.86	S 87R57 SF 87R57 SA 87R57 SAF87R57	4 4 4 4	25 9.0 10 11 13 15 17 20 21 22	146 350 303 284 245 208 186 177 165 160	35.20 154.35 133.79 125.05 108.09 91.84 82.00 70.40 66.89 62.53	1.93 0.81 0.93 0.99 1.15 1.35 1.52 1.59 1.70 1.77	S 57 SF 57	4 4			
2.8 3.2 3.6 4.3 4.8 5.6	1320 1159 1029 865 764 661	499 438 389 327 289 250	0.90 1.03 1.16 1.38 1.56 1.81	S 77R37 SF 77R37 SA 77R37 SAF77R37	4 4 4 4	26 30 34 40 42 46 53	143 121 108 93 91 87 79	54.05 45.92 41.00 35.02 32.80 30.12 26.11 24.40	1.97 2.32 2.60 3.04 3.10 3.25 3.57 3.82	SA 57 SAF57	4 4			
6.3 7.0 8.3	585 524 444	221 198 168	0.88 0.93 1.10	SF 67R37 SA 67R37 SAF67R37	4 4 4	66 18 19 23	64 174 163 157	76.88 72.00 60.65	4.42 0.92 0.98 1.02					
3.0 3.4 4.0	1044 931 783	222.00 198.00 166.43	2.05 2.30 2.74	S 87 SF 87 SA 87 SAF87 S 87 SF 87 SF 87 SA 87 SAF87	8 8 8	25 28 31 36 39	138 133 119 102 95	59.32 50.40 45.00 38.44 36.00	1.16 1.20 1.34 1.57 1.68	S 47	4			
4.0 4.5 5.3	791 705 593	222.00 198.00 166.43	2.71 3.04 3.62		6 6 6	46 50 54 62	95 80 84 78 68	30.33 27.74 25.93 22.41	1.91 1.99 2.04 2.36	SF 47 SA 47 SAF47	4 4 4			
3.3 3.5 4.0 4.3	969 888 780 739	206.04 188.89 165.75 157.08	1.23 1.34 1.53 1.62	S 77 SF 77 SA 77 SAF77	8 8 8	73 82 96 102 121	58 51 44 41 35	19.04 17.00 14.52 13.60 11.46	2.78 3.11 3.65 3.89 4.62					



#A III ## >#	#A 111 +77 #F	/生=++11-		+n == =	177 北h	#A 11+++++	#A 111 +™ +=	/± =± 11:		+n ## ₽	111 Tr
	输出扭矩		使用系数	机 型 号	极 数	输出转速		传动比	使用系数	机 型 号	极数
Output speed	Output torque	Ratio	Service factor	Type	Pole	Output speed	Output torque	Ratio	Service factor	Type	Pole
r/min	Nm	i	f _B	Type	р	r/min	Nm	i	f _B	Type	р
0.55k	W					0.75k	W				
42 49 59 74 84 90 102 115	88 75 71 57 50 47 41 37	33.33 28.33 23.46 18.85 16.48 15.45 13.63 12.08 10.27	0.96 1.13 1.20 1.49 1.71 1.82 2.06 2.33 2.74	S 37 SF 37 SA 37 SAF37	4 4 4 4	6.8 7.7 8.2 9.7 11 12 13 15	634 558 527 445 402 354 334 284 258	205.11 180.46 170.40 144.00 130.00 114.38 108.00 91.96 83.57	0.80 0.88 0.93 1.10 1.22 1.38 1.46 1.72 1.89	S 67 SF 67 SA 67 SAF67	4 4 4 4
0.75k	4411 3860 3347	1223 1070 928	0.85 0.97 1.12	S_ 97R57	4	19 21 22 24 26 30	224 234 206 195 185 166	72.39 65.00 63.00 57.19 54.00 45.98	2.09 2.18 2.37 2.51 2.51 2.95		
1.7 1.9 2.2 2.6 2.9	2972 2575 2258 1941 1746	824 714 626 538 484	1.27 1.46 1.67 1.94 2.2	SF 97R57 SA 97R57 SAF97R57	4 4 4	13 14 15 17 20	331 369 345 298 253	70.04 66.89 62.53 54.05 45.92	0.80 0.82 0.85 0.95 1.11	S 57 SF 57 SA 57 SAF57	6 6 6
1.3 1.5 1.7 1.9 2.2 2.5 3.2 4.3	2659 2593 2569 2396 2251 2013 1569 1165	1032 930 831 719 624 558 435 323	0.81 0.83 0.83 0.89 0.95 1.06 1.37 1.84	S 87R57 SF 87R57 SA 87R57 SAF87R57	4 4 4 4	13 15 17 20 21 22	226 334 284 254 217 241 226	41.00 108.09 91.84 82.00 70.04 66.89 62.53	0.84 0.99 1.11 1.17 1.25 1.30		
4.3 4.8 5.6 6.3	1179 1042 902 790	327 289 250 219	1.01 1.15 1.32 1.51	S 77R37 SF 77R37 SA 77R37 SAF77R37	4 4 4 4	26 30 34 40 42	195 166 148 126 118	54.05 45.92 41.00 35.02 32.80	1.45 1.70 1.91 2.23 2.27	S 57 SF 57 SA 57 SAF57	4 4 4 4
3.0 3.3 3.6	1457 1311 1187	230.48 207.48 187.89	2.58 2.87 3.17	S 97 SF 97 SA 97 SAF97	8 8 8	46 53 57 66 78	124 108 101 87 74	30.12 26.11 24.40 21.09 17.92	2.38 2.62 2.80 3.24 3.82		
4.1 4.6 5.5	1048 935 786	222.00 198.00 166.43	2.04 2.29 2.73	S 87 SF 87 SA 87 SAF87	6 6 6	87 102	66 56	16.00 13.67	4.28 5.00		
6.2 7.0 8.4	690 612 515	223.26 198.00 166.43	3.10 3.50 4.16	S 87 SF 87 SA 87 SAF87	4 4 4 4	31 36 39 46 50 54	162 139 130 109 114 107	45.00 38.44 36.00 30.33 27.74 25.93	0.99 1.15 1.23 1.40 1.46 1.50	S 47 SF 47 SA 47	4 4 4
3.8 4.4 4.8 5.5	1139 973 892 783	241.09 206.04 188.89 165.75	1.05 1.23 1.34 1.53	S 77 SF 77 SA 77 SAF77	6 6 6	62 73 82 96 102	92 78 70 60 56	22.41 19.04 17.00 14.52 13.60	1.73 2.04 2.28 2.67 2.85	SAF47	4
5.8 6.7 7.4 8.4 8.8 10 11	745 637 584 512 486 425 383 336	241.09 206.04 188.89 165.75 157.08 137.48 123.86 108.65	1.60 1.87 2.04 2.33 2.46 2.81 3.12 3.55	S 77 SF 77 SA 77 SAF77	4 4 4 4	74 84 90 102 115 135	78 68 64 56 50 42	11.46 18.85 16.48 15.45 13.63 12.08 10.27	3.39 1.09 1.25 1.33 1.51 1.71 2.01	S 37 SF 37 SA 37 SAF37	4 4 4 4



命中柱油											
	输出扭矩	传动比	使用系数	机 型 号	极 数		输出扭矩	传动比	使用系数	机 型 号	极数
Output speed	Output torque	Ratio	Service factor	Type	Pole	Output speed	Output torque	Ratio	Service factor	Type	Pole
r/min	Nm	i	f _B	Туре	р	r/min	Nm	i	f _B	Туре	р
1.1kV	V					1.1kW	7				
1.7	4328	824	0.87			20	351	70.04	0.80		
2.0	3750	714	1.00	S 97R57	4	21	328	66.89	0.86		
2.2	3288	626	1.14	SF 97R57	4	22	315	62.53	0.89		
2.6	2826	538	1.33	SA 97R57	4	26	284	54.05	0.99		
2.9	2542	484	1.48	SAF97R57	4	30	241	45.92	1.17		
3.3	2206	420	1.70			34	215	41.00	1.31		
0.0	05.47	004	0.04			40	184	35.02	1.53	S 57	4
2.2	2547	624	0.84			43	181	32.80	1.56	SF 57	4
2.5	2512	558	0.85			46	172	30.12	1.64	SA 57	4
2.9	2341	485	0.92			54	157	26.11	1.80	SAF57	4
3.2	2285	435	0.94	S 87R57	4	57	146	24.40	1.93		
3.7	1985	378	1.08	SF 87R57	4	66	127	21.09	2.23		
4.3	1697	323	1.26	SA 87R57	4	78	108	17.92	2.62		
5.0	1476	281	1.45	SAF87R57	4	88	96	16.00	2.94		
5.5	1339	255 222	1.60			102	82	13.67	3.44		
6.3	1166		1.84			109	77	12.80	3.67		
6.8	1077	205	1.99			130	65	10.78	4.36		
				S 77R37	4	46	182	30.33	0.88		
6.4	1150	219	1.04	SF 77R37	4	50	167	27.74	0.86		
0.4	1130	213	1.04	SA 77R37	4	54	156	25.93	1.03	0 47	
				SAF77R37	4	62	135	22.41	1.03	S 47	4
				C 07	0	74	114	19.04	1.40	SF 47	4
3.0	2136	230.48	1.76	S 97 SF 97	8	82	102	17.00	1.57	SA 47	4
3.3	1923	207.48	1.96	SF 97 SA 97	8	96	87	14.52	1.84	SAF47	4
3.6	1742	187.89	2.16	SAF97	8 8	103	82	13.60	1.96		
				SAF97	<u> </u>	122	69	11.46	2.33		
3.9	1596	230.48	2.36	S 97	6						
3.9 4.4	1437	207.48	2.62	SF 97	6	1.5kW	7				
4.4	1301	187.89	2.89	SA 97	6	1.0K W	,				
4.0	1301	107.09	2.09	SAF97	6	2.0	4484	714	0.84		
						2.2	4383	626	0.86	0 07057	
6.3	999	222.00	2.14			2.6	3853	538	0.98	S 97R57	4
7.1	891	198.00	2.40	S 87	4	2.9	3467	484	1.08	SF 97R57 SA 97R57	4
8.4	749	166.43	2.86	SF 87	4	3.3	3008	420	1.25		4
9.2	689	152.95	3.11	SA 87	4	3.7	2693	376	1.40	SAF97R57	4
10.3	612	135.83	3.50	SAF87	4	4.3	2342	327	1.61		
5.8	1085	241.09	1.10			2.9	2707	485	0.79		
6.8	928	206.04	1.10								
7.4	926 850	188.89	1.40			3.2 3.7	2481 2313	435 378	0.86 0.93	S 87R57	4
8.4	746	165.75	1.60	S 77	4	4.3		323	0.93	SF 87R57	
U.7	7 70	100.70	1.00		-		クククト		0.90	J. J. 1107	4
	707		1 69	SF 77	4		2225		1 06		4 4
8.9	707 619	157.08	1.69 1.93	SF 77 SA 77	4 4	5.0	2013	281	1.06 1.17	SA 87R57	4
8.9 10	619	157.08 137.48	1.93	SA 77		5.0 5.5	2013 1826	281 255	1.17		4 4 4
8.9 10 11	619 558	157.08 137.48 123.86	1.93 2.14		4	5.0 5.5 6.3	2013 1826 1590	281 255 222	1.17 1.35	SA 87R57	4
8.9 10 11 13	619 558 489	157.08 137.48 123.86 108.65	1.93 2.14 2.44	SA 77	4	5.0 5.5	2013 1826	281 255	1.17	SA 87R57	4
8.9 10 11	619 558	157.08 137.48 123.86	1.93 2.14	SA 77	4	5.0 5.5 6.3	2013 1826 1590	281 255 222	1.17 1.35	SA 87R57	4
8.9 10 11 13	619 558 489	157.08 137.48 123.86 108.65	1.93 2.14 2.44	SA 77	4	5.0 5.5 6.3 6.8	2013 1826 1590 1468	281 255 222 205	1.17 1.35 1.46	SA 87R57 SAF87R57	4
8.9 10 11 13 15	619 558 489 432	157.08 137.48 123.86 108.65 95.88	1.93 2.14 2.44 2.77	SA 77	4	5.0 5.5 6.3 6.8	2013 1826 1590 1468	281 255 222 205 230.48	1.17 1.35 1.46	SA 87R57 SAF87R57	8
8.9 10 11 13 15	619 558 489 432 585	157.08 137.48 123.86 108.65 95.88	1.93 2.14 2.44 2.77	SA 77	4	5.0 5.5 6.3 6.8 3.0 3.3	2013 1826 1590 1468 2871 2584	281 255 222 205 230.48 207.48	1.17 1.35 1.46 1.31 1.45	SA 87R57 SAF87R57 S 97 SF 97	4 4 8 8
8.9 10 11 13 15	619 558 489 432 585 515	157.08 137.48 123.86 108.65 95.88 130.00 114.38	1.93 2.14 2.44 2.77 0.84 0.95	SA 77	4	5.0 5.5 6.3 6.8 3.0 3.3 3.7 4.1	2013 1826 1590 1468 2871 2584 2340	281 255 222 205 230.48 207.48 187.89 166.62	1.17 1.35 1.46 1.31 1.45 1.61 1.81	SA 87R57 SAF87R57 S 97 SF 97 SA 97 SAF97	8 8 8 8
8.9 10 11 13 15 11 12 13	619 558 489 432 585 515 486	157.08 137.48 123.86 108.65 95.88 130.00 114.38 108.00	1.93 2.14 2.44 2.77 0.84 0.95 1.01	SA 77	4	5.0 5.5 6.3 6.8 3.0 3.3 3.7	2013 1826 1590 1468 2871 2584 2340 2076	281 255 222 205 230.48 207.48 187.89	1.17 1.35 1.46 1.31 1.45 1.61 1.81	SA 87R57 SAF87R57 S 97 SF 97 SA 97 SAF97 S 97	4 4 8 8 8
8.9 10 11 13 15 11 12 13 15	519 558 489 432 585 515 486 414	157.08 137.48 123.86 108.65 95.88 130.00 114.38 108.00 91.96	1.93 2.14 2.44 2.77 0.84 0.95 1.01 1.18	SA 77	4	5.0 5.5 6.3 6.8 3.0 3.3 3.7 4.1	2013 1826 1590 1468 2871 2584 2340 2076 2153 1938	281 255 222 205 230.48 207.48 187.89 166.62 230.48 207.48	1.17 1.35 1.46 1.31 1.45 1.61 1.81 1.75 1.94	SA 87R57 SAF87R57 S 97 SF 97 SA 97 SAF97 S 97 SF 97	8 8 8 8
8.9 10 11 13 15 11 12 13 15 17 19 22	519 558 489 432 585 515 486 414 376 341 326	157.08 137.48 123.86 108.65 95.88 130.00 114.38 108.00 91.96 83.57 72.39 65.00	1.93 2.14 2.44 2.77 0.84 0.95 1.01 1.18 1.30 1.43 1.50	SA 77 SAF77	4 4	5.0 5.5 6.3 6.8 3.0 3.3 3.7 4.1 4.0 4.4 4.9	2013 1826 1590 1468 2871 2584 2340 2076 2153 1938 1755	281 255 222 205 230.48 207.48 187.89 166.62 230.48 207.48 187.89	1.17 1.35 1.46 1.31 1.45 1.61 1.81 1.75 1.94 2.14	SA 87R57 SAF87R57 S 97 SF 97 SAF97 S 97 SF 97 SA 97	8 8 8 8 6 6
8.9 10 11 13 15 11 12 13 15 17 19 22 23	519 558 489 432 585 515 486 414 376 341	157.08 137.48 123.86 108.65 95.88 130.00 114.38 108.00 91.96 83.57 72.39 65.00 63.00	1.93 2.14 2.44 2.77 0.84 0.95 1.01 1.18 1.30 1.43 1.50 1.63	SA 77 SAF77 S 67	4 4	5.0 5.5 6.3 6.8 3.0 3.3 3.7 4.1	2013 1826 1590 1468 2871 2584 2340 2076 2153 1938	281 255 222 205 230.48 207.48 187.89 166.62 230.48 207.48	1.17 1.35 1.46 1.31 1.45 1.61 1.81 1.75 1.94	SA 87R57 SAF87R57 S 97 SF 97 SA 97 SAF97 S 97 SF 97	8 8 8 8 6 6
8.9 10 11 13 15 11 12 13 15 17 19 22 23 24	519 558 489 432 585 515 486 414 376 341 326	157.08 137.48 123.86 108.65 95.88 130.00 114.38 108.00 91.96 83.57 72.39 65.00 63.00 57.19	1.93 2.14 2.44 2.77 0.84 0.95 1.01 1.18 1.30 1.43 1.50 1.63 1.72	SA 77 SAF77 S 67 SF 67	4 4 4	5.0 5.5 6.3 6.8 3.0 3.3 3.7 4.1 4.0 4.4 4.9	2013 1826 1590 1468 2871 2584 2340 2076 2153 1938 1755	281 255 222 205 230.48 207.48 187.89 166.62 230.48 207.48 187.89	1.17 1.35 1.46 1.31 1.45 1.61 1.81 1.75 1.94 2.14	SA 87R57 SAF87R57 S 97 SF 97 SAF97 S 97 SF 97 SA 97 SAF97	8 8 8 8 6 6 6 6
8.9 10 11 13 15 11 12 13 15 17 19 22 23	519 558 489 432 585 515 486 414 376 341 326 284	157.08 137.48 123.86 108.65 95.88 130.00 114.38 108.00 91.96 83.57 72.39 65.00 63.00	1.93 2.14 2.44 2.77 0.84 0.95 1.01 1.18 1.30 1.43 1.50 1.63	SA 77 SAF77 S 67 SF 67 SA 67	4 4 4 4 4	5.0 5.5 6.3 6.8 3.0 3.3 3.7 4.1 4.0 4.4 4.9	2013 1826 1590 1468 2871 2584 2340 2076 2153 1938 1755	281 255 222 205 230.48 207.48 187.89 166.62 230.48 207.48 187.89	1.17 1.35 1.46 1.31 1.45 1.61 1.81 1.75 1.94 2.14	SA 87R57 SAF87R57 S 97 SF 97 SAF97 S 97 SA 97 SAF97 S 97	8 8 8 8 6 6 6 6
8.9 10 11 13 15 11 12 13 15 17 19 22 23 24	519 558 489 432 585 515 486 414 376 341 326 284 300 284 242	157.08 137.48 123.86 108.65 95.88 130.00 114.38 108.00 91.96 83.57 72.39 65.00 63.00 57.19 54.00 45.98	1.93 2.14 2.44 2.77 0.84 0.95 1.01 1.18 1.30 1.43 1.50 1.63 1.72 1.72 2.02	SA 77 SAF77 S 67 SF 67 SA 67	4 4 4 4 4	5.0 5.5 6.3 6.8 3.0 3.3 3.7 4.1 4.0 4.4 4.9 5.5	2013 1826 1590 1468 2871 2584 2340 2076 2153 1938 1755 1557	281 255 222 205 230.48 207.48 187.89 166.62 230.48 207.48 187.89 166.62	1.17 1.35 1.46 1.31 1.45 1.61 1.81 1.75 1.94 2.14 2.42	SA 87R57 SAF87R57 S 97 SF 97 SAF97 S 97 SAF97 S 97 SAF97 S 97 S 97	8 8 8 8 6 6 6 6
8.9 10 11 13 15 11 12 13 15 17 19 22 23 24 26 30 34	558 489 432 585 515 486 414 376 341 326 284 300 284 242 220	157.08 137.48 123.86 108.65 95.88 130.00 114.38 108.00 91.96 83.57 72.39 65.00 63.00 57.19 54.00 45.98 41.79	1.93 2.14 2.44 2.77 0.84 0.95 1.01 1.18 1.30 1.43 1.50 1.63 1.72 1.72 2.02 2.23	SA 77 SAF77 S 67 SF 67 SA 67	4 4 4 4 4	5.0 5.5 6.3 6.8 3.0 3.3 3.7 4.1 4.0 4.4 4.9 5.5	2013 1826 1590 1468 2871 2584 2340 2076 2153 1938 1755 1557	281 255 222 205 230.48 207.48 187.89 166.62 230.48 207.48 187.89 166.62	1.17 1.35 1.46 1.31 1.45 1.61 1.81 1.75 1.94 2.14 2.42	SA 87R57 SAF87R57 S 97 SF 97 SA 97 SAF97 S 97 SA 97 SAF97 S 97 SAF97	8 8 8 8 6 6 6 6 4 4 4
8.9 10 11 13 15 11 12 13 15 17 19 22 23 24 26 30	558 489 432 585 515 486 414 376 341 326 284 300 284 242 220 190	157.08 137.48 123.86 108.65 95.88 130.00 114.38 108.00 91.96 83.57 72.39 65.00 63.00 57.19 54.00 45.98	1.93 2.14 2.44 2.77 0.84 0.95 1.01 1.18 1.30 1.43 1.50 1.63 1.72 1.72 2.02 2.23 2.57	SA 77 SAF77 S 67 SF 67 SA 67	4 4 4 4 4	5.0 5.5 6.3 6.8 3.0 3.3 3.7 4.1 4.0 4.4 4.9 5.5	2013 1826 1590 1468 2871 2584 2340 2076 2153 1938 1755 1557	281 255 222 205 230.48 207.48 187.89 166.62 230.48 207.48 187.89 166.62	1.17 1.35 1.46 1.31 1.45 1.61 1.81 1.75 1.94 2.14 2.42 2.66 2.95	SA 87R57 SAF87R57 S 97 SF 97 SAF97 S 97 SAF97 S 97 SAF97 S 97 S 97	8 8 8 8 6 6 6 6
8.9 10 11 13 15 11 12 13 15 17 19 22 23 24 26 30 34 39 44	519 558 489 432 585 515 486 414 376 341 326 284 300 284 242 220 190 165	157.08 137.48 123.86 108.65 95.88 130.00 114.38 108.00 91.96 83.57 72.39 65.00 63.00 57.19 54.00 45.98 41.79 36.20 31.50	1.93 2.14 2.44 2.77 0.84 0.95 1.01 1.18 1.30 1.43 1.50 1.63 1.72 1.72 2.02 2.23 2.57 2.96	SA 77 SAF77 S 67 SF 67 SA 67	4 4 4 4 4	5.0 5.5 6.3 6.8 3.0 3.3 3.7 4.1 4.0 4.4 4.9 5.5	2013 1826 1590 1468 2871 2584 2340 2076 2153 1938 1755 1557	281 255 222 205 230.48 207.48 187.89 166.62 230.48 207.48 187.89 166.62	1.17 1.35 1.46 1.31 1.45 1.61 1.81 1.75 1.94 2.14 2.42 2.66 2.95 3.26	SA 87R57 SAF87R57 SAF87R57 SF 97 SA 97 SAF97 SAF97 S 97 SAF97 SAF97	8 8 8 8 8 6 6 6 6 6 4 4 4 4 4 4 4 4 4 4
8.9 10 11 13 15 11 12 13 15 17 19 22 23 24 26 30 34 39	558 489 432 585 515 486 414 376 341 326 284 300 284 242 220 190	157.08 137.48 123.86 108.65 95.88 130.00 114.38 108.00 91.96 83.57 72.39 65.00 63.00 57.19 54.00 45.98 41.79 36.20	1.93 2.14 2.44 2.77 0.84 0.95 1.01 1.18 1.30 1.43 1.50 1.63 1.72 1.72 2.02 2.23 2.57	SA 77 SAF77 S 67 SF 67 SA 67	4 4 4 4 4	5.0 5.5 6.3 6.8 3.0 3.3 3.7 4.1 4.0 4.4 4.9 5.5 6.1 6.7 7.5	2013 1826 1590 1468 2871 2584 2340 2076 2153 1938 1755 1557 1415 1274 1154	281 255 222 205 230.48 207.48 187.89 166.62 230.48 207.48 187.89 166.62 230.48 207.48 187.89	1.17 1.35 1.46 1.31 1.45 1.61 1.81 1.75 1.94 2.14 2.42 2.66 2.95 3.26	\$A 87R57 \$AF87R57 \$SAF87R57 \$F 97 \$A 97 \$AF97 \$A 97 \$AF97 \$SAF97 \$A 97 \$AF97 \$A 97 \$AF97	8 8 8 8 8 8 8 6 6 6 6 6 4 4 4 4 4
8.9 10 11 13 15 11 12 13 15 17 19 22 23 24 26 30 34 39 44	519 558 489 432 585 515 486 414 376 341 326 284 300 284 242 220 190 165	157.08 137.48 123.86 108.65 95.88 130.00 114.38 108.00 91.96 83.57 72.39 65.00 63.00 57.19 54.00 45.98 41.79 36.20 31.50	1.93 2.14 2.44 2.77 0.84 0.95 1.01 1.18 1.30 1.43 1.50 1.63 1.72 1.72 2.02 2.23 2.57 2.96	SA 77 SAF77 S 67 SF 67 SA 67	4 4 4 4 4	5.0 5.5 6.3 6.8 3.0 3.3 3.7 4.1 4.0 4.4 4.9 5.5 6.1 6.7 7.5	2013 1826 1590 1468 2871 2584 2340 2076 2153 1938 1755 1557 1415 1274 1154	281 255 222 205 230.48 207.48 187.89 166.62 230.48 207.48 187.89 166.62 230.48 207.48 187.89	1.17 1.35 1.46 1.31 1.45 1.61 1.81 1.75 1.94 2.14 2.42 2.66 2.95 3.26	\$A 87R57 \$AF87R57 \$SAF87R57 \$SF 97 \$A 97 \$AF97 \$A 97 \$AF97 \$A 97 \$AF97 \$A 97 \$AF97 \$A 97 \$AF97	8 8 8 8 8 6 6 6 6 6 4 4 4 4 6 6 6 6
8.9 10 11 13 15 11 12 13 15 17 19 22 23 24 26 30 34 39 44	519 558 489 432 585 515 486 414 376 341 326 284 300 284 242 220 190 165	157.08 137.48 123.86 108.65 95.88 130.00 114.38 108.00 91.96 83.57 72.39 65.00 63.00 57.19 54.00 45.98 41.79 36.20 31.50	1.93 2.14 2.44 2.77 0.84 0.95 1.01 1.18 1.30 1.43 1.50 1.63 1.72 1.72 2.02 2.23 2.57 2.96	SA 77 SAF77 S 67 SF 67 SA 67	4 4 4 4 4	5.0 5.5 6.3 6.8 3.0 3.3 3.7 4.1 4.0 4.4 4.9 5.5 6.1 6.7 7.5	2013 1826 1590 1468 2871 2584 2340 2076 2153 1938 1755 1557 1415 1274 1154	281 255 222 205 230.48 207.48 187.89 166.62 230.48 207.48 187.89 166.62 230.48 207.48 187.89	1.17 1.35 1.46 1.31 1.45 1.61 1.81 1.75 1.94 2.14 2.42 2.66 2.95 3.26	\$A 87R57 \$AF87R57 \$SAF87R57 \$F 97 \$A 97 \$AF97 \$A 97 \$AF97 \$SAF97 \$A 97 \$AF97 \$A 97 \$AF97	8 8 8 8 8 8 8 6 6 6 6 6 4 4 4 4



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



	输出扭矩	传动比		机型号	极 数		输出扭矩	传动比		机 型 号	极 数
Output speed	Output torque	Ratio	Service factor	Type	Pole	Output speed	Output torque	Ratio	Service factor	Туре	Pole
r/min	Nm	i	f _B	Type	р	r/min	Nm	i	f _B	Type	р
$2.2\mathrm{kW}$	V					3kW					
89	189	16.00	1.49	S 57	4	39	511	36.20	0.96		
104 111	162 152	13.67 12.80	1.74 1.86	SF 57	4	45 54	445 426	31.50 26.40	1.10 1.15		
132	128	10.78	2.21	SA 57 SAF57	4 4	60	385	23.83	1.15	S 67	4
					•	68	338	20.97	1.44	SF 67	4
3kW				C 07D57	4	72 84 93	320 272 247	19.80 16.86 15.32	1.53 1.80 1.98	SA 67 SAF67	4 4
4.9	4053	287	0.93	S 97R57 SF 97R57 SA 97R57	4 4 4	107 123	214 186	13.27 11.55	2.28 2.62		
				SAF97R57	4					C	4
6.2	2790	230.48	1.35			104	221	13.67	1.28	S 57 SF 57	4 4
6.8	2512	207.48	1.50			111	207	12.80	1.36	SA 57	4
7.6	2275	187.89	1.65	6 07	4	132	174	10.78	1.62	SAF57	4
8.5	2017	166.62	1.86	S 97 SF 97	4 4						
9.4	1824	150.64	2.06	SF 97 SA 97	4	41					
11	1546	127.68	2.43	SAF97	4	4kW					
13 15	1350 1129	111.52 93.27	2.79 3.20	OAI 31	-	6.2	3668	230.48	1.02		
17	1177	93.27 83.31	3.20			6.9	3302	207.48	1.14		
18	978	80.75	3.85			7.7	2991	187.89	1.26		
10	976	60.75	3.65			8.6	2652	166.62	1.42		
8.5	2015	166.43	1.06			9.6	2398	150.64	1.57	S 97	4
9.3	1852	152.95	1.16			11	2032	127.68	1.85	SF 97	4
10	1644	135.83	1.30			13	1775	111.52	2.12	SA 97	4
12	1470	121.44	1.46			15	1547	93.27	2.43	SAF97	4
13	1322	109.19	1.62			17	1485	83.31	2.53		
15	1147	94.77	1.87	S 87	1	18	1399	80.75	2.93		
17	1027	84.86	2.01	S 87 SF 87	4 4	19	1285	75.32	2.69		
19	1068	75.63	2.09	SA 87	4	23	1185	63.84	3.17		
20	955	70.40	2.24	SAF87	4	26	1035	55.76	3.63		
21 23	859 852	67.62 60.80	2.50 2.51	G/ G/	·	12	1933	121.44	1.11		
23 27	745	52.77	2.88			13	1738	109.19	1.23		
30	696	47.25	3.08			15	1508	94.77	1.42		
33	667	43.13	3.21			17	1404	84.86	1.53		
36	617	39.20	3.47			19	1351	75.63	1.59		
37	554	38.25	3.87			20	1256	70.40	1.71		
42	481	34.09	4.45			21 24	1129 1121	67.62 60.80	1.90 1.91	S 87	4
						27	980	52.77	2.19	SF 87	4
17	1113	85.00	1.07			30	915	47.25	2.19	SA 87	4
18	1029	78.78	1.16			33	877	43.13	2.44	SAF87	4
20	1020	72.22	1.17			37	812	39.20	2.64		
22 24	895 848	63.38 60.06	1.33 1.41			38	728	38.25	2.94		
24 27	742	52.57	1.41			42	682	34.09	3.14		
30	669	47.36	1.79			45	633	32.15	3.39		
34	587	41.54	2.04	S 77	4	49	627	29.55	3.42		
39	518	36.66	2.31	SF 77	4	55	557	26.24	3.85		
44	459	32.50	2.60	SA 77	4	61	498	23.46	4.30		
51	419	27.75	2.85	SAF77	4	24	1115	60.06	1.07		
55	392	25.93	3.05		•	27	976	52.57	1.22		
62	367	22.75	3.25			30	879	47.36	1.36		
66	348	21.56	3.43			35	771	41.54	1.55		
75	305	18.87	3.92			39	681	36.66	1.75		
84	274	17.00	4.35			44	604	32.50	1.98	S 77	4
95 108	241	14.91	4.96			52	550	27.75	2.17	SF 77	4
108	212	13.16	5.62			56	515	25.93	2.32	SA 77	4
122 143	188 161	11.67 9.96	6.34 7.43			63	483	22.75	2.47	SAF77	4
143	101	5.50	1.43			67	458	21.56	2.61		
						76 85	400 361	18.87	2.98		
						85 97	361 316	17.00 14.91	3.31 3.77		
						109	279	13.16	4.28		
						123	248	11.67	4.82		
						145	211	9.96	5.65		
						140		0.00	3.00		



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



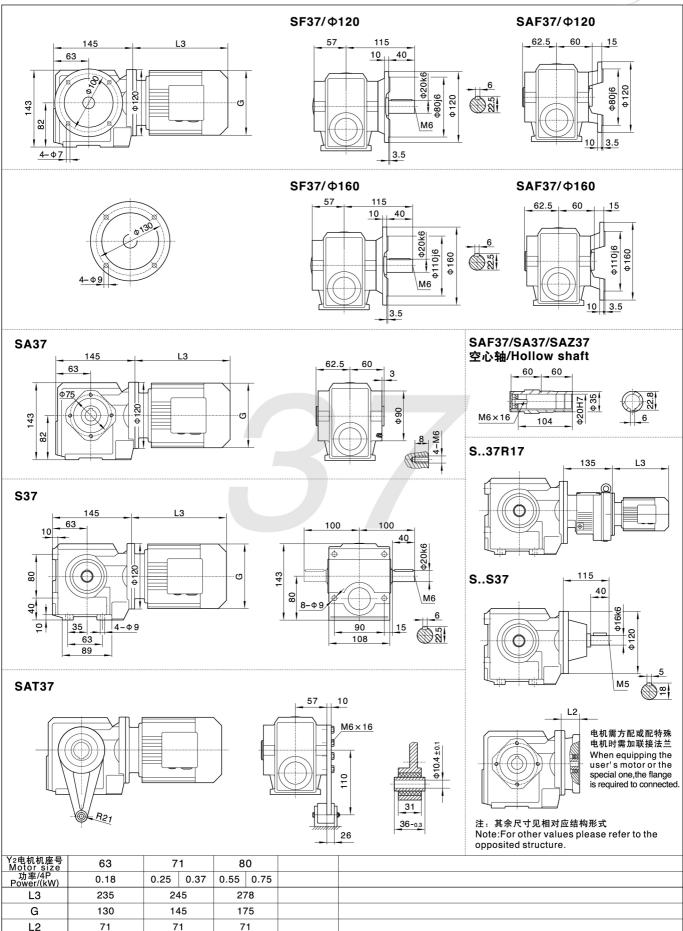
输出转速	输出扭矩	传动比	使用系数	机型号	极 数	输出转速	输出扭矩	传动比	使用系数	机型号	极 数
Output speed	Output torque	Ratio	Service factor	Type	Pole	Output speed	Output torque	Ratio	Service factor	Type	Pole
r/min	Nm	i	f _B	Type	р	r/min	Nm	i	$f_{\scriptscriptstyle B}$	Type	р
15kW	•										
31 36 40 45 49 55 61 72 83 99 115	3203 2856 2773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



	输出转速	传动比	机 型 号	功率		输出转速	传动比	机 型 号	功率
ermissible torque	Output speed	Ratio	Туре	Power	Permissible torque	Output speed	Ratio	Туре	Powe
Nm	r/min	i	Туре	kW/4p	Nm	r/min	i	Type	kW/4
90	7.8 8.8 9.7 12	179 158 144 118	S 37R17 SF 37R17 SA 37R17	0.18	2280	0.24 0.27 0.30	5875 5187 4606	S 87R57 SF 87R57 SA 87R57 SAF87R57	0.18
	13	110	SAF37R17	0.25		0.36 0.40 0.48	3872 3475 2905		0.25
	4.1 4.7	388 336 294	S 47R17 SF 47R17 SA 47R17 SAF47R17	0.18		0.54 0.60	2586 2335		0.37
170	5.4 6.1 7.0 7.4 8.4	257 229 200 187 165		0.25		0.68 0.76 0.85 1.0	2054 1824 1631 1332		0.55
	2.4 2.7 3.2 3.6	574 506 438 388		0.18		1.2 1.3 1.5 1.7	1191 1032 930 831		0.75
300	4.1 4.7 5.2	336 294 269	S 57R17 SF 57R17	0.25		1.9 2.2 2.5	719 624 558		1.1
	6.1 6.8 7.4	229 204 187	SA 57R17 SAF57R17	0.37		2.9 3.2	485 435		1.5
	8.4 11	165 131		0.55		3.7 4.4	378 323		2.2
	1.3 1.5 1.7 2.0	1045 914 809 712	S 67R37 SF 67R37 SA 67R37 SAF67R37	0.18		5.1 0.16 0.18 0.21	281 8608 7554 6640	S 97R57 SF 97R57 SA 97R57 SAF97R57	0.18
	2.3 2.6	615 543		0.25		0.24 0.28	5780 4937		0.10
520	3.0 3.3 3.8	469 424 365		0.37		0.31 0.35 0.40	4444 4017 3453		0.25
	4.4 4.9 5.7 6.3	319 281 246 221		0.55		0.45 0.52 0.60	3108 2654 2329		0.37
	7.0 0.45 0.67 0.77	198 3098 2083 1813	S 77R37 SF 77R37 SA 77R37	0.75	4000	0.67 0.75 0.88	2081 1860 1574		0.55
	0.80 0.87	1745 1600				1.0 1.1 1.3	1394 1223 1070		0.75
	1.0 1.1 1.3	1404 1245 1100		0.25		1.5 1.7	928 824		1.1
1270	1.5 1.7 1.9	954 837 714		0.37		2.0 2.2 2.6	714 626 538		1.5
	2.2 2.4 2.8	637 574 499	SAF77R37	0.55		2.9 3.4 3.8	484 420 376		2.2
	3.2 3.6	438 389		0.75		4.3	327		3
	4.3 4.8 5.6 6.4	327 289 250 219		1.1		4.9 5.7 6.6	287 252 219		4

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

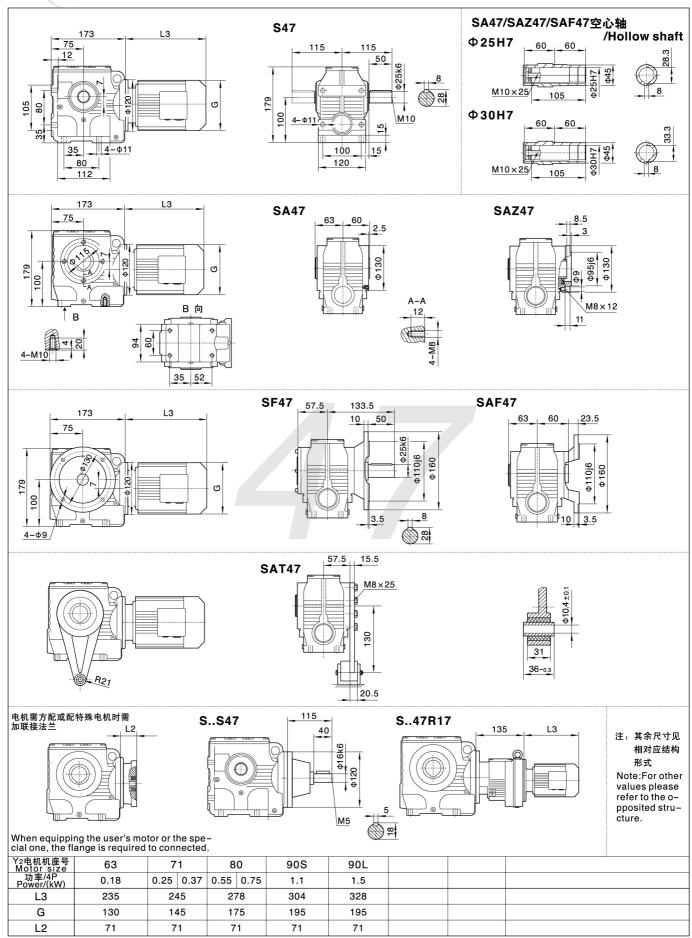




注:1.SA、SF、SAF、SAZ壳体为通用件,安装尺寸均可相互参照.2."S.."表示S、SA、SF、SAF、SAZ

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

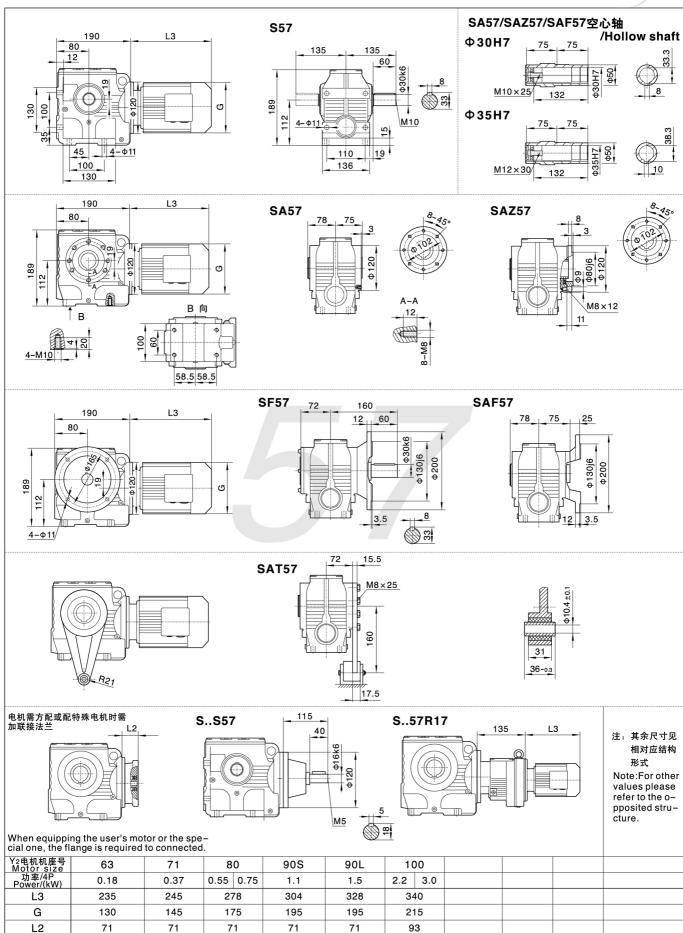




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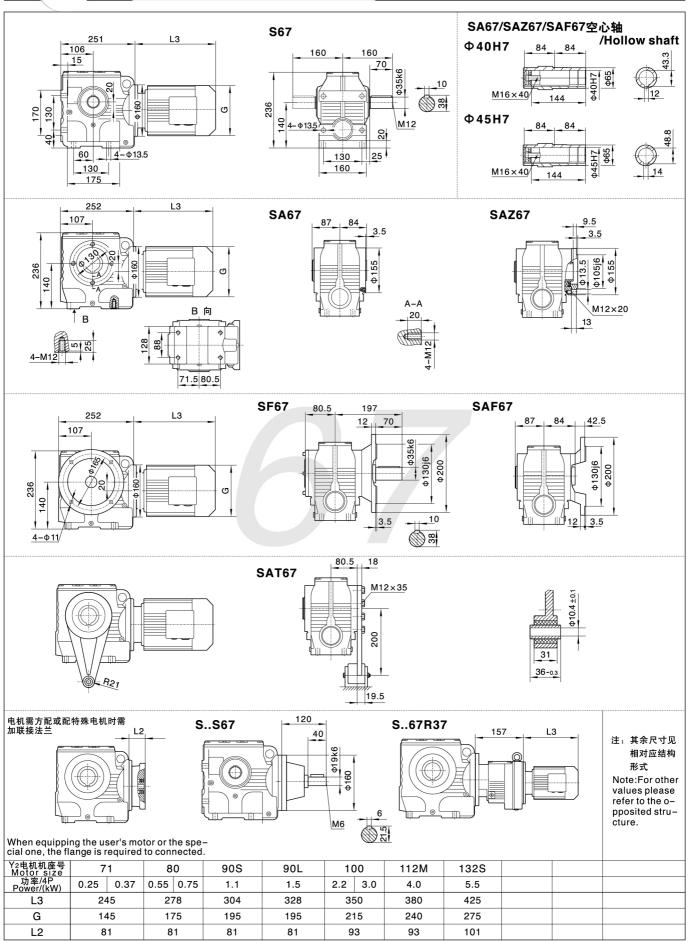
Note: 1. The housings of SA, SF, SAF, SAZ are common parts. The mounting dimensions may consult each other. 2. "S.." mean S, SA, SF, SAF, SAZ are common parts. The mounting dimensions may consult each other. 2. "S.." mean S, SA, SF, SAF, SAZ are common parts. The mounting dimensions may consult each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





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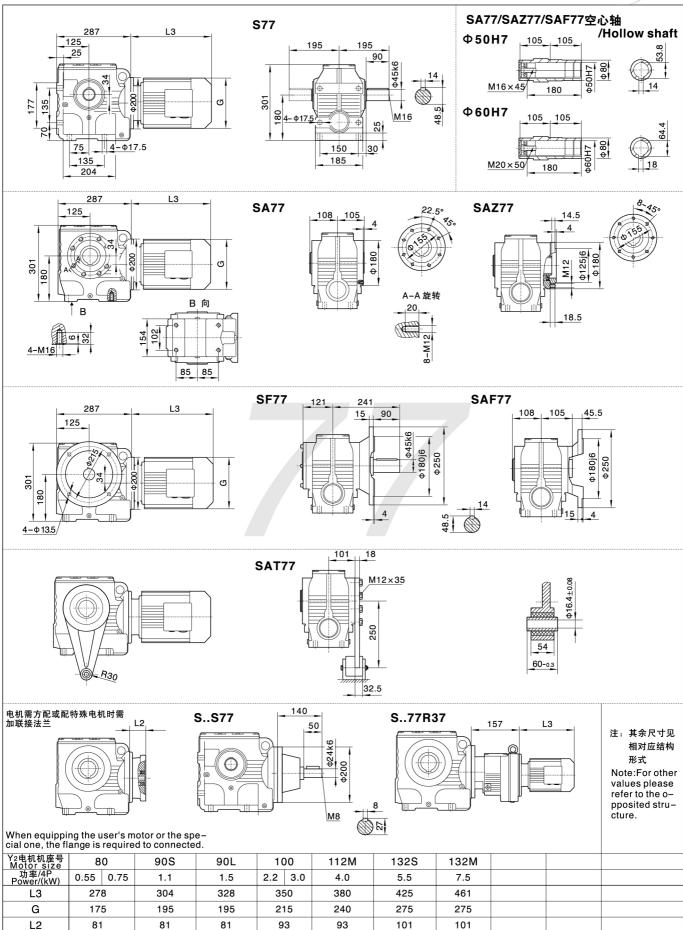
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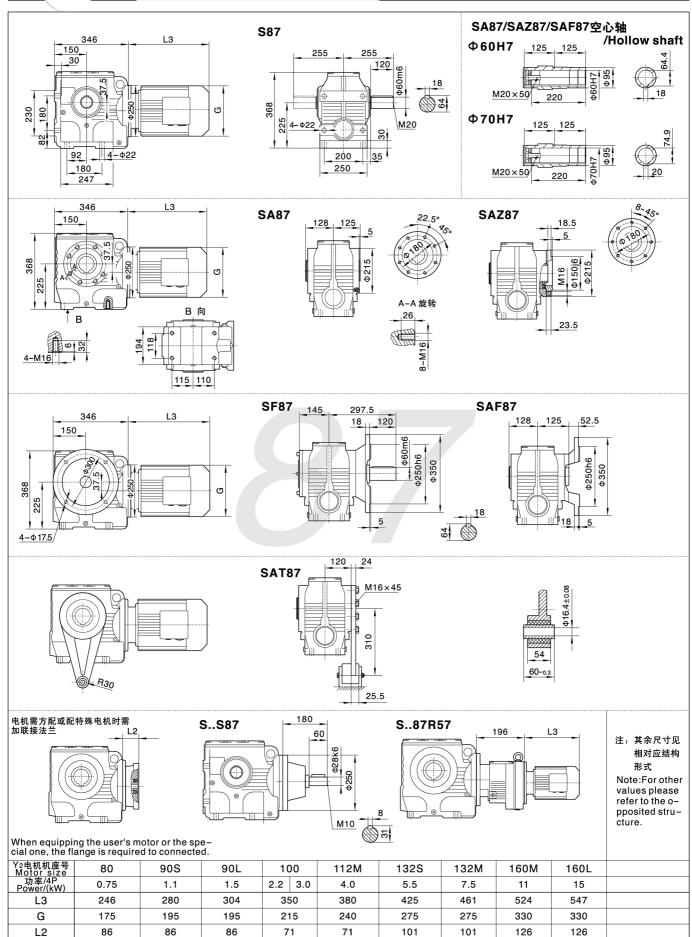




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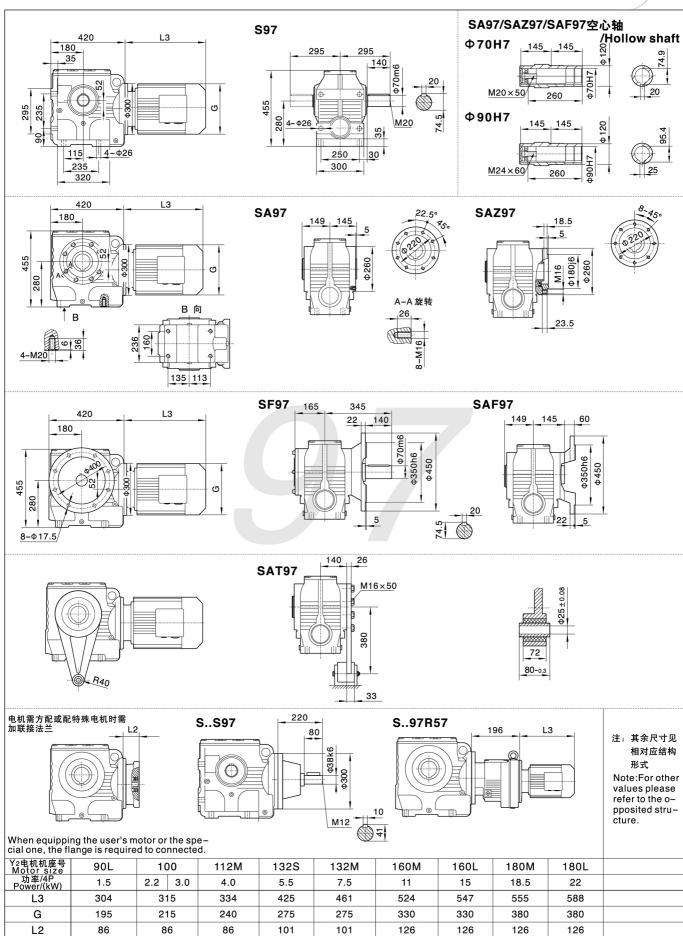




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