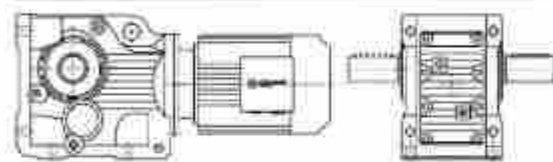


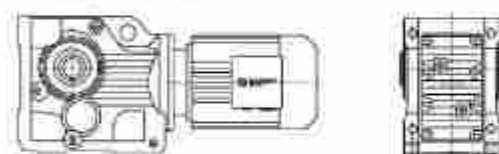


K系列减速机有以下设计方案:

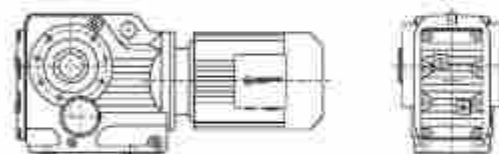
K series gear units are available in the following designs:



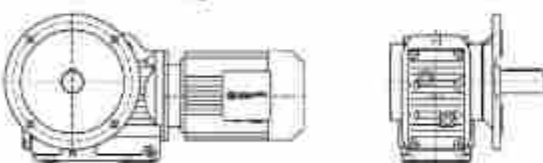
K...Y...
底脚轴伸式安装螺旋锥齿轮减速机
Foot-mounted helical-bevel gear units with solid shaft



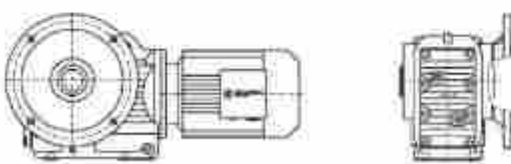
KAB...Y...
底脚空心轴安装螺旋锥齿轮减速机
Foot-mounted helical-bevel gear units with hollow shaft



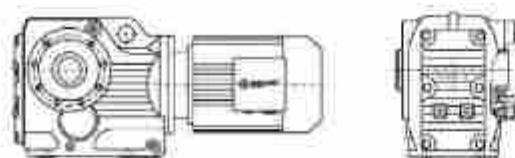
KA...Y...
空心轴安装螺旋锥齿轮减速机
Helical-bevel gear units with hollow shaft



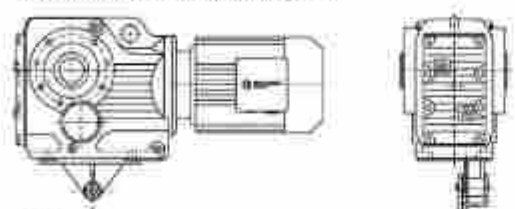
KF...Y...
法兰轴伸式安装螺旋锥齿轮减速机
Flange-mounted helical-bevel gear units with solid shaft



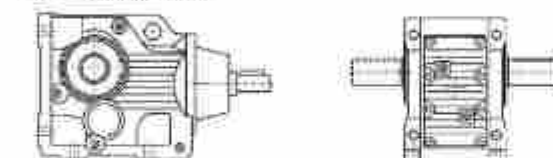
KAF...Y...
法兰空心轴安装螺旋锥齿轮减速机
Flange-mounted helical-bevel gear units with hollow shaft



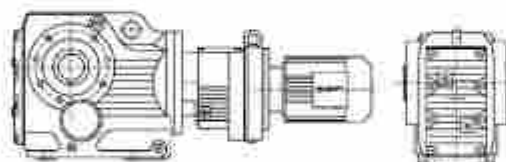
KAZ...Y...
小法兰空心轴安装螺旋锥齿轮减速机
Short-flange-mounted helical-bevel gear units with hollow shaft



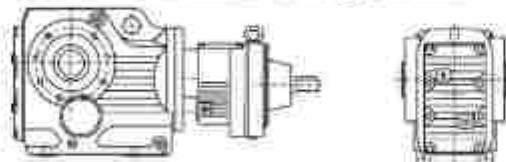
KAT...Y...
带防转臂空心轴安装螺旋锥齿轮减速机
Torque-arm-mounted helical-bevel gear units with hollow shaft



K (K, KF, KAF, KAB, KAZ) S...
轴输入的螺旋锥齿轮减速机
Shaft input helical-bevel gear units



KA (K, KF, KAF, KAB, KAZ) ...R...Y...
组合式螺旋锥齿轮减速机
Combinatorial helical-bevel gear units



KA (K, KF, KAF, KAB, KAZ) ...RS...
轴输入的组合式螺旋锥齿轮减速机
Shaft input combinatorial helical-bevel gear units

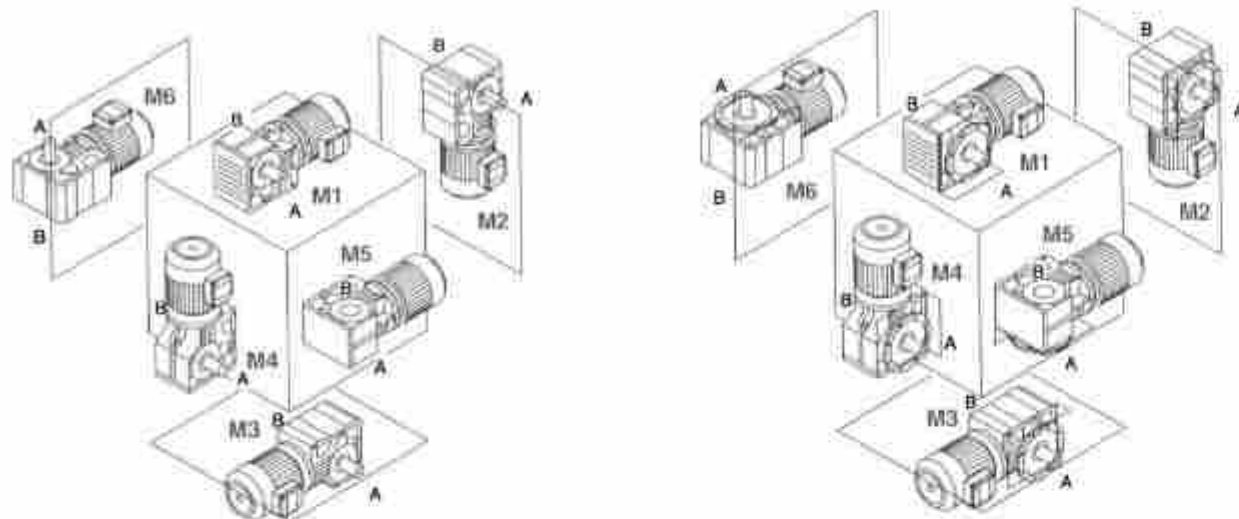


KA (K, KF, KAF, KAB, KAZ) ...Y...
电机用户自配或配特殊电机时需加取接法兰
When equipping the user's motor or the special one, the flange is required to be connected

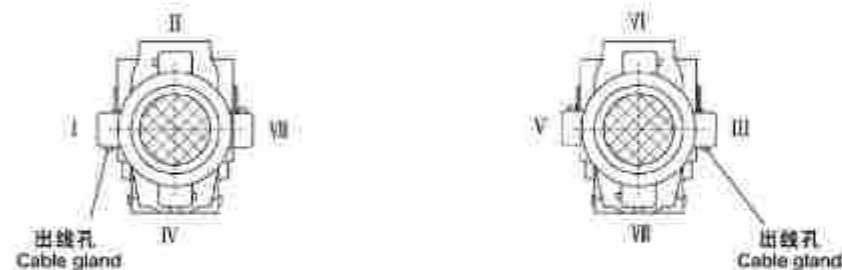
型号与标记 / Type Designations

K 38-Y1.1-4P-32.4-M1-I-A-E-CW-G-78 减速机类型: 螺旋锥齿轮减速机 Gear units type: Helical-bevel gear units		K 38-Y1.1-4P-32.4-M1-I-A-E-CW-G-78 减速机类型: 螺旋锥齿轮减速机 Gear units type: Helical-bevel gear units	
结构形式: 普通轴伸式 (省略) A 轴伸式 A 轴伸法兰式 F 轴伸法兰式 AF 轴伸小法兰式 AZ 轴伸底脚式 AB 轴伸带防转臂 AT 普通轴伸式, 轴输入 S 普通轴伸式, 轴输入 AS 轴伸法兰式, 轴输入 FS 轴伸法兰式, 轴输入 AFS 渐开线花键 (DIN 标) V, (国标) V.G 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 Foot-mounted hollow shaft output AB 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 (Involute spline hollow shaft (DIN) V, (National standard) V.G) Hollow shaft output with shrink disk H, (H, HF, HZ, HT)	
规格: (见选型参数表) 电机代号: 普通 Y 防爆 YB 制动 YEJ 多速 YD 变频 YVF 冶金起重 YZ 变频制动 YVFEJ 起重 YG		Size: (see selection table) Motor code: Ordinary Y Flame-proof YB Brake YEJ Multi-speed YD Variable frequency YVF Hoisting in metallurgy YZ Variable frequency and brake YVFEJ Roller tables YG	
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157页)		Mounting position: M1 - M2 - M3 - M4 - M5 - M6 (see page 157)	
电机接线盒位置: I、II、III、IV、V、VI、VII、VIII (见第157页)		Position of the motor terminal box: I, II, III, IV, V, VI, VII, VIII (see page 157)	
输出轴或法兰方向: (锁紧盘) 从电机尾部看左为 A (E) 从电机尾部看右为 B (F) (见安装形式) 从电机尾部看左右为 A+B		Position of output shaft or flange (The locking disk): viewing on motor end: left side - A, right side - B, both sides - A+B (see mounting position)	
输出轴旋转方向 (面对输出轴方向): 顺时针方向 CW 逆时针方向 CCW		Rotate direction of output shaft (viewing on output shaft): Clockwise CW Counter clockwise CCW	
联接法兰: 配直联电机 省略 配标准电机 G/GS (取接法兰双密封) 输入带轴 AD		Connecting flange: With integrated motor No marking With standard motor G/GS (toothless-sail connecting flange) Solid input shaft AD	
附件代号: 输出保护罩 90 补偿油箱 87 逆止器 78 电机支座 70		Add-on piece code: Protective cover 90 Compensation tank 87 Backstop 78 Motor bell housing 70	

安装形式 Mounting position



电机接线盒位置 (M1安装时从电机尾部看) Position of the motor terminal box



输入功率及最大转矩 Input power rating and maximum torque

规格 Size	38	48	58	68	78	88	98	108	128	158	168	188
结构形式 Structure	K KA KF KAF KAZ KAT KAB											
输入功率 Input power rating (kW)	0.18~3.0	0.18~3.0	0.18~5.5	0.18~5.5	0.37~11	0.75~22	1.1~30	3~45	7.5~90	11~160	11~200	18.5~200
传动比 Ratio	5.36~106.38	5.81~131.87	6.57~145.15	7.28~144.79	7.24~192.18	7.21~197.37	7.54~176.05	7.39~141.46	8.68~148.07	12.66~150.41	15.53~164.50	13.82~180.83
最大转矩 (N.m) Maximum torque	200	400	600	820	1550	2700	4300	8000	13000	18000	32000	50000

减速机重量 Gear unit weight

规格 Size	38	48	58	68	78	88	98	108	128	158	168	188
重量 (kg) Weight	15	21	33	35	62	100	170	273	453	695	1157	1700

所注重量为平均值, 仅供参考。
*) 最大转矩是指该规格不同传动比对应的最大转矩中的最大值。

The weights are mean values, only for reference.
*) Maximum torque means the biggest one of the maximum torque related to the different ratio for the specified size.

润滑油量表 Lubrication table

K..., KAB...:

规格 Size	润滑油量 (升) Fill quantity in liters					
	M1	M2	M3	M4	M5	M6
K...38	1.2	1.2	1.3	1.5	1.1	1.1
K...48	1.4	1.9	1.9	2.1	1.8	1.8
K...58	2	2.9	2.9	3.2	2.8	2.8
K...68	2.3	3	3	3.3	2.9	2.9
K...78	3.2	4.4	5.1	5.9	4.7	4.7
K...88	6.4	10	9.6	11.5	9.6	9.6
K...98	11.4	15.2	15.2	19.6	14.8	14.8
K...108	23.2	25.6	26.4	33.2	26.4	26.4
K...128	35.2	46.4	46.4	54.8	44	44
K...158	44	81	80	104	79	79
K...168	73	100	100	131	93	99
K...188	130	170	170	205	159	166

KF...:

规格 Size	润滑油量 (升) Fill quantity in liters					
	M1	M2	M3	M4	M5	M6
KF38	1.2	1.2	1.3	1.5	1.1	1.1
KF48	1.4	1.9	1.9	2.1	1.8	1.8
KF58	2.1	2.9	2.9	3.2	2.8	2.8
KF68	2.3	3	3	3.3	2.9	2.9
KF78	3.1	4.4	5.1	5.9	4.7	4.7
KF88	6.4	10	9.6	11.5	9.6	9.6
KF98	11.4	15.2	15.2	19.6	14.8	14.8
KF108	23.2	25.6	26.4	33.2	26.4	26.4
KF128	35.2	46.4	46.4	54.8	44	44
KF158	44	85	84	106	83	79

KA..., KAF..., KAZ...:

规格 Size	润滑油量 (升) Fill quantity in liters					
	M1	M2	M3	M4	M5	M6
K...38	1.2	1.2	1.3	1.5	1.1	1.1
K...48	1.4	1.9	1.9	2.1	1.8	1.8
K...58	2.1	2.9	2.9	3.2	2.8	2.8
K...68	2.3	3	3	3.3	2.9	2.9
K...78	3.1	4.4	5.1	5.9	4.7	4.7
K...88	6.4	10	9.6	11.5	9.6	9.6
K...98	11.4	15.2	15.2	19.6	14.8	14.8
K...108	23.2	25.6	26.4	33.2	26.4	26.4
K...128	35.2	46.4	46.4	54.8	44	44
K...158	44	85	84	106	83	79
KA168	73	100	100	131	93	99
KA188	130	170	170	205	159	166

输出转速	输出扭矩	传动比	服务系数	机 型 号	极 数	输出转速	输出扭矩	传动比	服务系数	机 型 号	极 数		
Output speed	Output torque	Ratio	Service factor	Type	Pole	Output speed	Output torque	Ratio	Service factor	Type	Pole		
r/min	Nm	i	f _s	Type	P	r/min	Nm	i	f _s	Type	P		
4.0kW						5.5kW							
22	1615	64.76	0.91	K 78 KF 78 KA 78 KAF78	4	3.4	13780	416	0.89	K 128 R88 4 KF 128 R88 4 KA 128 R88 4 KAF128 R88 4			
25	1455	58.34	1.01			3.9	12099	367	1.02				
28	1276	51.18	1.15			4.4	10879	330	1.13				
32	1126	45.16	1.30			5.0	9462	287	1.30				
36	998	40.04	1.47			5.7	8341	253	1.48				
38	957	38.39	1.48			6.8	7022	213	1.75				
41	877	35.19	1.67			7.2	6594	200	1.72				
47	770	30.88	1.91			8.7	5473	166	2.08				
49	730	29.26	2.01			9.8	4846	147	2.35				
56	639	25.61	2.30										
62	575	23.08	2.56			6.6	7220	219	1.05	K 108 R78 4 KF 108 R78 4 KA 108 R78 4 KAF108 R78 4			
71	505	20.24	2.82			7.5	6363	193	1.19				
						8.4	5637	171	1.21				
						9.5	5011	152	1.36				
						10	4550	138	1.50				
48	753	30.21	1.03	K 68 KF 68 KA 68 KAF68	4	4.8	10313	150.41	1.65	K 156 8 KF 156 8 KA 156 8 KAF156 8			
53	680	27.27	1.14			5.9	8392	122.39	2.03				
60	598	23.99	1.27			7.2	6972	100.22	2.48				
64	565	22.66	1.31			7.9	6284	91.65	2.72				
75	481	19.29	1.50										
82	437	17.53	1.60										
95	379	15.19	1.75										
109	330	13.22	1.92										
115	311	12.48	1.61										
135	265	10.63	1.79					5.3	9335	136.14	1.32	K 128 8 KF 128 8 KA 128 8 KAF128 8	
149	241	9.66	1.89					5.9	8398	122.48	1.47		
172	209	8.37	2.00					6.5	7555	110.16	1.63		
198	182	7.28	2.19					8.0	6163	89.89	2.00		
						7.1	7001	136.14	1.76	K 128 6 KF 128 6 KA 128 6 KAF128 6			
						7.8	6299	122.48	1.96				
						8.7	5666	110.18	2.17				
						11	4623	89.89	2.67				
60	600	24.05	0.95	K 58 KF 58 KA 58 KAF58	4	8.7	5699	110.83	1.33	K 108 6 KF 108 6 KA 108 6 KAF108 6			
63	566	22.71	1.00			9.7	5109	99.34	1.48				
74	482	19.34	1.13			11	4612	89.68	1.64				
82	438	17.57	1.20			12	4189	81.46	1.81				
95	379	15.22	1.34										
109	330	13.25	1.46										
121	297	11.92	1.32										
128	281	11.26	1.40										
150	239	9.59	1.60										
165	217	8.71	1.70										
191	188	7.55	1.84					10	4850	141.46	1.56	K 108 4 KF 108 4 KA 108 4 KAF108 4	
219	164	6.57	1.99					12	4106	119.76	1.85		
								13	3600	110.83	2.00		
						14	3406	99.34	2.23				
						16	3075	89.68	2.47				
						18	2793	81.46	2.72				
						12	4249	123.93	0.96	K 98 4 KF 98 4 KA 98 4 KAF98 4			
						14	3604	105.13	1.13				
						15	3319	96.80	1.23				
						17	2966	88.52	1.37				
						18	2670	77.89	1.52				
						20	2418	70.54	1.68				
						23	2144	62.55	1.90				
						26	1939	56.55	2.10				
						30	1643	47.93	2.48				
						17	2960	88.34	0.86	K 88 4 KF 88 4 KA 88 4 KAF88 4			
						18	2720	79.34	0.94				
						20	2416	70.46	1.06				
						23	2160	63.00	1.18				
						25	1942	56.64	1.32				
						29	1685	49.16	1.52				
						33	1509	44.02	1.63				
						39	1252	36.52	1.89				
						46	1076	31.38	2.36				
						52	955	27.87	2.58				
						32	1548	45.16	0.95	K 78 4 KF 78 4 KA 78 4 KAF78 4			
						36	1373	40.04	1.07				
						47	1059	30.88	1.39				
						49	1003	29.26	1.46				
						56	878	25.61	1.67				

输出转速	输出扭矩	传动比	服务系数	机 型 号	极 数	输出转速	输出扭矩	传动比	服务系数	机 型 号	极 数		
Output speed	Output torque	Ratio	Service factor	Type	Pole	Output speed	Output torque	Ratio	Service factor	Type	Pole		
r/min	Nm	i	f _s	Type	P	r/min	Nm	i	f _s	Type	P		
5.5kW						7.5kW							
62	791	23.08	1.86	K 78 KF 78 KA 78 KAF78	4	6.4	10548	150.41	1.62	K 158 KF 158 KA 158 KAF158	6		
71	694	20.24	2.05		4	7.8	8583	122.39	1.99		6		
81	612	17.86	2.25		4	9.8	7028	100.22	2.43		6		
107	484	13.52	2.74		4	10	8427	91.65	2.66		6		
117	423	12.35	2.24		4	12	5593	79.75	3.05		6		
133	372	10.84	2.52										
60	822	23.99	0.92	K 68 KF 68 KA 68 KAF68	4	7.1	9547	136.14	1.29	K 128	6		
64	777	22.66	0.95		4	7.8	8589	122.48	1.43	KF 128	6		
75	681	19.29	1.09		4	8.7	7726	110.18	1.59	KA 128	6		
82	601	17.53	1.16		4	11	6304	89.89	1.95	KAF128	6		
95	521	15.19	1.27										
109	453	13.22	1.40										
115	428	12.48	1.17	K 128 KF 128 KA 128 KAF128	4	10	6738	146.07	1.83	K 108 KF 108 KA 108 KAF108	4		
135	364	10.63	1.30		4	11	6277	136.14	1.96		4		
149	331	9.66	1.37		4	12	5648	122.48	2.18		4		
172	287	8.37	1.45		4	13	5080	110.18	2.43		4		
198	250	7.28	1.59			16	4145	89.89	2.97		4		
						18	3780	81.98	3.26				
82	602	17.57	0.87	K 58 KF 58 KA 58 KAF58	4	21	3271	70.95	3.77				
95	522	15.22	0.97		4	10	8523	141.46	1.16	K 98 KF 98 KA 98 KAF98	4		
109	454	13.25	1.06		4	12	5522	119.76	1.37		4		
121	409	11.92	0.98		4	13	5110	110.83	1.48		4		
128	386	11.26	1.02		4	15	4581	99.34	1.65		4		
150	329	9.59	1.16		4	16	4135	89.68	1.83		4		
165	299	8.71	1.23		18	3756	81.46	2.02					
191	259	7.55	1.33	K 188 R108 KF 188 R108 KA 188 R108 KAF188 R108	4	20	3332	72.27	2.28	K 88 KF 88 KA 88 KAF88	4		
219	225	6.57	1.45		4	22	3024	65.58	2.51		4		
						26	2599	56.37	2.92				
						30	2269	49.20	3.28				
						35	1925	41.74	3.63				
						40	1682	36.48	4.06				
1.7	38221	662	1.24	K 188 R98 KF 188 R98 KA 188 R98 KAF188 R98	4	15	4463	96.80	0.91	K 98 KF 98 KA 98 KAF98	4		
2.0	32900	742	1.44		4	17	3969	86.52	1.02		4		
2.5	26382	595	1.80		4	19	3591	77.89	1.13		4		
1.2	53385	1204	0.88		K 168 R98 KF 168 R98 KA 168 R98 KAF168 R98	4	21	3253	70.54		1.25	K 88 KF 88 KA 88 KAF88	4
1.4	46829	1056	1.01			4	23	2884	62.55		1.41		4
1.5	42345	955	1.12			4	26	2608	56.55		1.56		4
2.0	32235	727	1.47	4		30	2210	47.93	1.84	4			
2.3	28156	635	1.68			35	1931	41.87	2.11				
2.9	22702	512	2.09			38	1766	38.29	2.31				
1.7	37429	644	0.81	K 168 R88 KF 168 R88 KA 168 R88 KAF168 R88	4	43	1578	34.22	2.58	K 88 KF 88 KA 88 KAF88	4		
1.9	33585	757	0.90		4	23	2905	63.00	0.88		K 78 KF 78 KA 78 KAF78	4	
2.3	28029	632	1.08		4	26	2612	56.64	0.98			4	
2.6	25006	564	1.21		4	30	2267	48.18	1.13			4	
3.0	21328	481	1.42		4	33	2030	44.02	1.21			4	
3.5	18756	423	1.62			40	1684	36.52	1.41				
4.0	16317	368	1.86		47	1447	31.38	1.77					
3.4	19244	434	0.88	K 158 R98 KF 158 R98 KA 158 R98 KAF158 R98	4	52	1285	27.87	1.92	K 78 KF 78 KA 78 KAF78	4		
3.9	16805	379	1.01		4	59	1149	24.92	2.06		4		
4.4	14765	333	1.15		4	65	1033	22.40	2.11		4		
5.0	12903	291	1.32		4	75	897	19.45	2.43				
4.4	14632	330	0.84		K 128 R88 KF 128 R88 KA 128 R88 KAF128 R88	4	84	803	17.41		2.60	K 68 KF 68 KA 68 KAF68	4
5.1	12726	287	0.97			4	91	738	16.00		2.31		4
5.8	11218	253	1.10	4		101	666	14.44	2.99				
6.9	9444	213	1.30	4		47	1424	30.88	1.03	K 158 KF 158 KA 158 KAF158	4		
7.3	8868	200	1.28	4		50	1349	29.26	1.09		4		
8.8	7360	166	1.54			57	1181	25.61	1.24		4		
9.9	6518	147	1.74		63	1084	23.08	1.38	4				
4.4	15381	164.50	1.97	K 168 KF 168 KA 168 KAF 168	6	72	933	20.24	1.52		K 128 KF 128 KA 128 KAF128	4	
4.9	13774	147.31	2.20		6	82	824	17.86	1.67			4	
5.3	12622	134.89	2.40		6	92	730	15.84	1.82	4			
					6	108	623	13.52	2.04	4			
						118	569	12.35	1.66				
						135	500	10.84	1.88				
5.8	11536	164.50	2.83	K 168 KF 168 KA 168 KAF 168	6	153	441	9.56	2.02	K 108 KF 108 KA 108 KAF108	4		
6.5	10330	147.31	2.94		6	172	391	6.48	2.16		4		
7.1	9466	134.89	3.21		6	202	334	7.24	2.33		4		

输出转速	输出扭矩	传动比	服务系数	机 型 号	极 数		
Output speed	Output torque	Ratio	Service factor	Type	Pole		
r/min	Nm	i	f _s	Type	p		
18.5kW							
46	3640	32.22	1.87	K 108	4		
48	3484	30.84	1.85				
51	3230	28.59	2.11				
57	2930	25.94	2.33				
66	2519	22.30	2.71				
75	2198	19.46	3.11	KAF108	4		
89	1865	16.51	3.59				
35	4730	41.87	0.86	K 98	4		
48	3480	30.81	1.17				
53	3152	27.90	1.29				
59	2795	24.74	1.46				
66	2527	22.37	1.61				
76	2142	18.88	1.90				
89	1871	16.58	2.18				
106	1565	13.85	2.61				
123	1354	11.89	2.72				
59	2815	24.92	0.84			K 88	4
66	2530	22.40	0.86				
76	2197	19.45	0.99				
84	1967	17.41	1.06				
102	1631	14.44	1.22				
117	1419	12.56	1.33				
132	1261	11.16	1.13				
147	1130	10.00	1.26				
177	936	8.29	1.42				
204	814	7.21	1.51				
22kW							
3.4	55676	431	0.85	K 188R108	4		
4.0	47536	368	0.99				
5.9	32295	250	1.47				
6.9	27386	212	1.73				
7.7	24544	190	1.93				
9.0	21165	164	2.24				
5.3	35854	276	0.85			K 168 R108	4
6.0	31520	244	0.96				
6.9	27515	213	1.10				
7.8	24286	188	1.25				
8.2	23252	180	1.30				
9.2	20540	159	1.48				
10	18343	142	1.65				
12	15691	121	1.94				
9.4	20281	157	0.84	K 158 R108	4		
12	15760	122	1.08				
14	13822	107	1.23				
			KAF158 R108 4				
5.4	36814	180.83	1.29	K 188	6		
5.8	33817	166.11	1.40				
6.7	29641	145.60	1.60				
7.5	26402	129.69	1.79				
8.5	23157	113.75	2.05				
8.1	24292	180.83	1.95	K 188	4		
8.8	22314	166.11	2.12				
10	19559	145.60	2.42				
11	17422	129.69	2.72				
11	18134	134.99	1.67			K 168	4
13	14754	109.83	2.06				
17	11803	87.66	2.57				
19	10497	78.14	2.89				

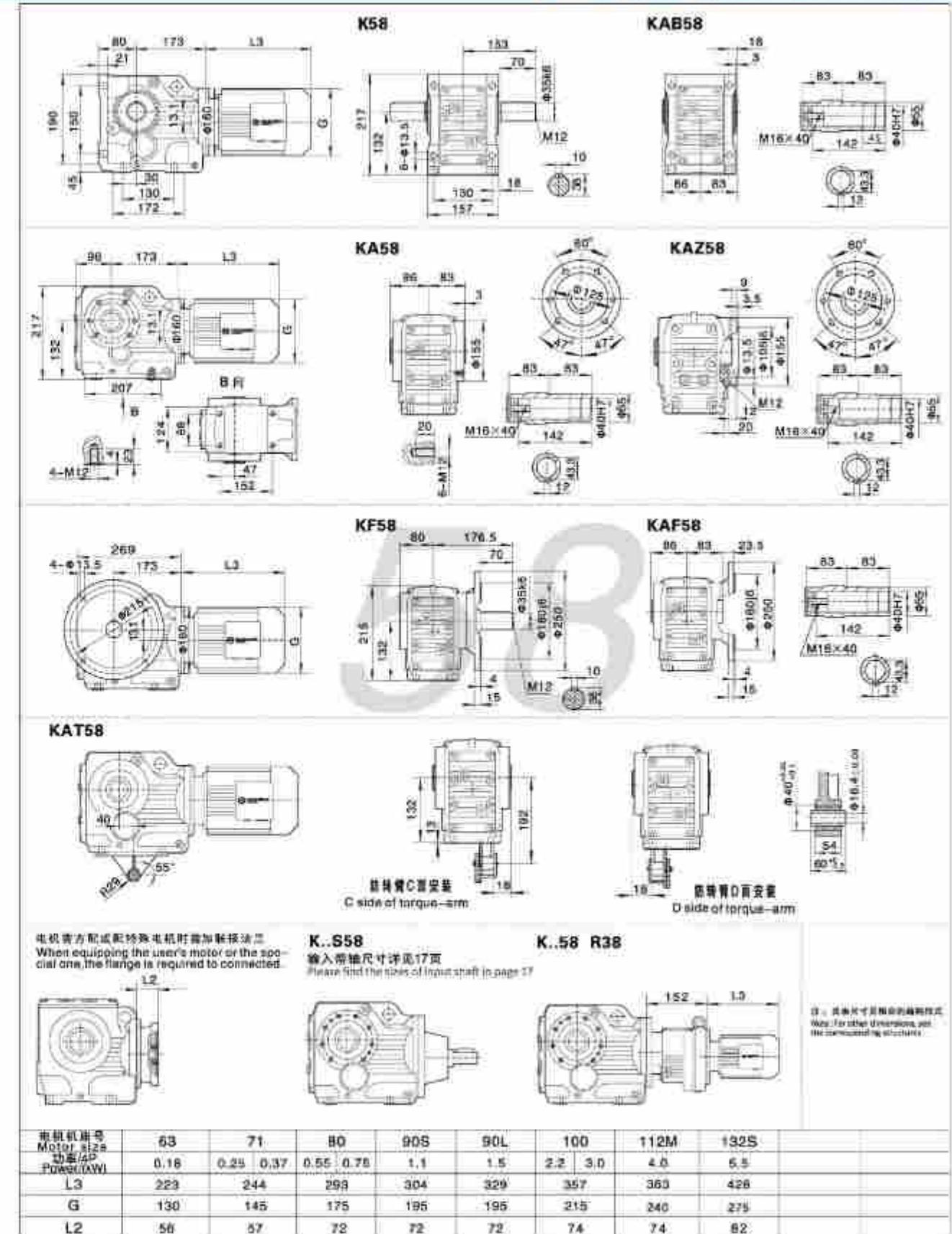
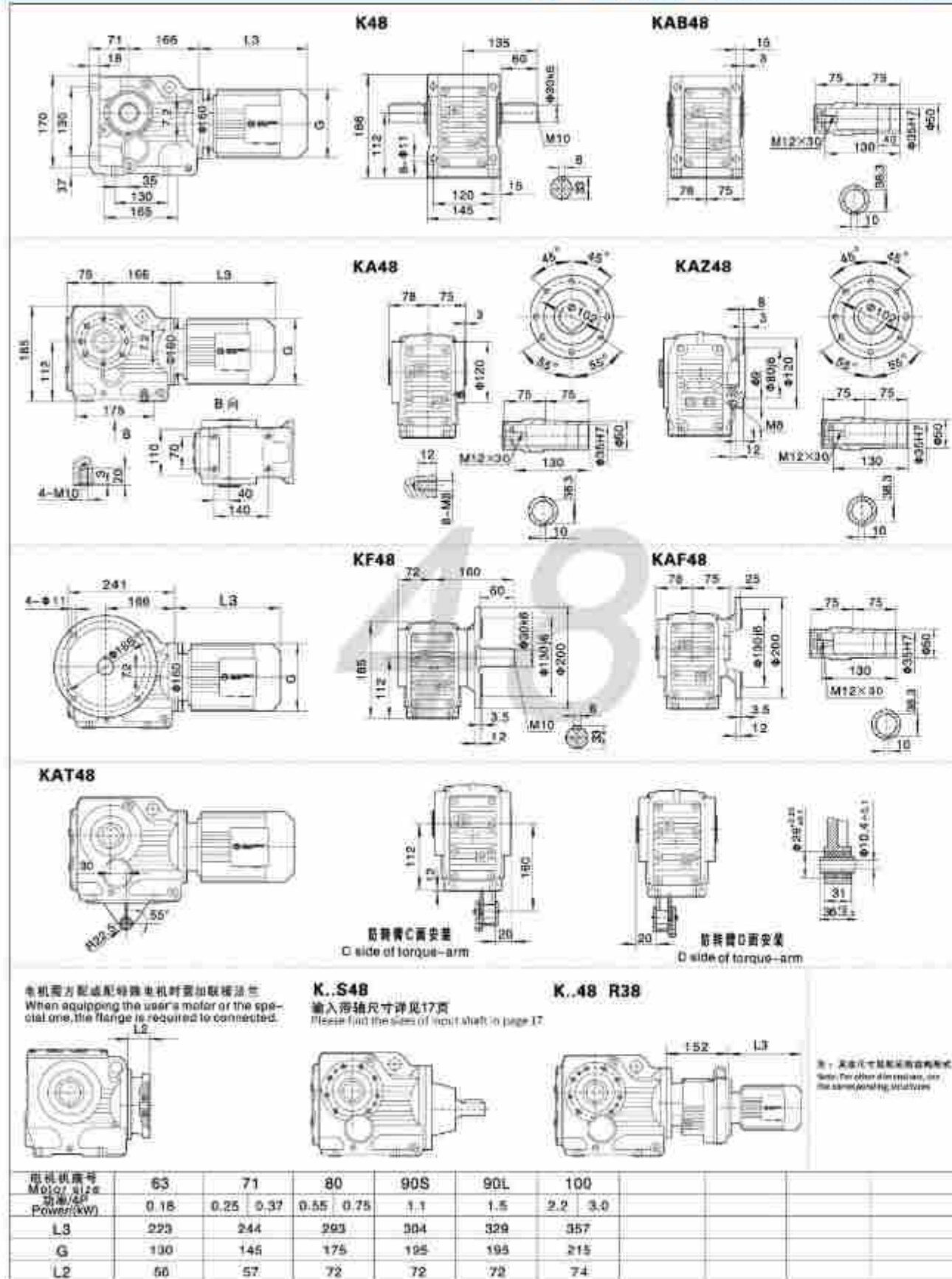
输出转速	输出扭矩	传动比	服务系数	机 型 号	极 数		
Output speed	Output torque	Ratio	Service factor	Type	Pole		
r/min	Nm	i	f _s	Type	p		
22kW							
9.7	20403	100.22	0.83	K 158	6		
11	18658	91.65	0.91				
12	16236	79.75	1.05				
14	14328	70.38	1.19				
16	12422	61.02	1.37				
12	16441	122.39	1.04	K 158	4		
15	13463	100.22	1.27				
16	12312	91.65	1.38				
18	10713	79.75	1.58				
21	9455	70.38	1.80				
24	8197	61.02	2.08				
27	7293	54.29	2.34				
31	6286	46.79	2.72				
39	5107	38.02	3.34				
16	12075	89.89	1.02			K 128	4
18	11013	81.98	1.12				
21	9531	70.95	1.29				
23	8409	62.60	1.46				
27	7264	54.07	1.70				
31	6424	47.82	1.92				
37	5399	40.19	2.28				
41	4868	36.24	2.53				
47	4213	31.36	2.93				
53	3717	27.67	3.32				
62	3211	23.90	3.84	KAF128	4		
70	2840	21.14	4.34				
26	7572	58.37	1.00	K 108	4		
30	6609	49.20	1.12				
35	5607	41.74	1.24				
40	4901	36.48	1.39				
46	4328	32.22	1.58				
48	4143	30.84	1.55				
51	3841	28.59	1.78				
57	3485	25.94	1.96				
66	2996	22.30	2.28				
76	2614	19.46	2.61				
89	2218	16.51	3.01				
102	1938	14.43	3.37				
109	1815	13.51	2.25				
125	1584	11.79	2.57				
147	1343	10.00	2.96				
48	4139	30.81	0.98			K 98	4
53	3748	27.90	1.08				
59	3323	24.74	1.22				
66	3005	22.37	1.35				
78	2547	18.96	1.60				
89	2225	16.56	1.83				
106	1861	13.85	2.19				
123	1611	11.99	2.29				
141	1398	10.41	1.95				
169	1170	8.71	2.15				
195	1013	7.54	2.49				
76	2613	19.45	0.83	K 88	4		
84	2339	17.41	0.89				
102	1940	14.44	1.02				
117	1687	12.56	1.12				
132	1499	11.16	0.95				
147	1343	10.00	1.08				
177	1114	8.29	1.19				
204	969	7.21	1.27				

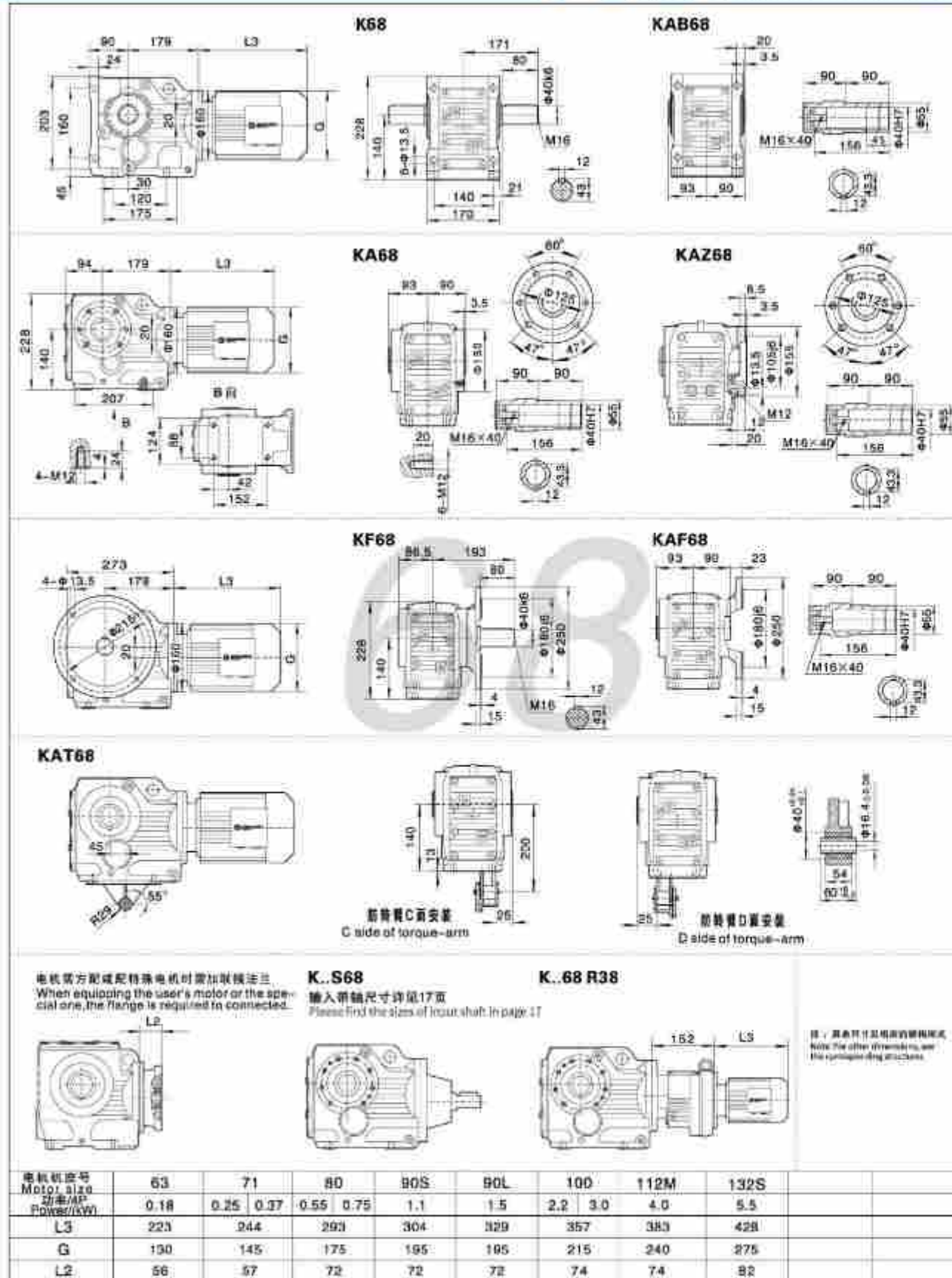
输出转速	输出扭矩	传动比	服务系数	机 型 号	级 数	输出转速	输出扭矩	传动比	服务系数	机 型 号	级 数		
Output speed	Output torque	Ratio	Service factor	Type	Pole	Output speed	Output torque	Ratio	Service factor	Type	Pole		
r/min	Nm	i	f _s	Type	P	r/min	Nm	i	f _s	Type	P		
30kW						37kW							
5.9	44038	250	1.07	K 188 R108	4	5.9	53947	250	0.88	K 188 R108	4		
6.9	37345	212	1.27	KF 188 R108	4	7.0	45747	212	1.03	KF 188 R108	4		
7.7	33469	190	1.41	KA 188 R108	4	7.8	41000	190	1.15	KA 188 R108	4		
9.0	28889	164	1.64	KAF 188 R108	4	9.0	35389	164	1.34	KAF 188 R108	4		
6.9	37521	213	0.81	K 168 R108	4	8.2	38842	180	0.78	K 168 R108	4		
7.8	33117	188	0.91			8.3	34310	159	0.88	KF 168 R108	4		
8.2	31708	180	0.95			10	30642	142	0.99	KA 168 R108	4		
9.2	28008	159	1.06			12	26110	121	1.16	KAF 168 R108	4		
10	25014	142	1.21										
12	21315	121	1.42										
8.1	33125	180.83	1.43	K 188	4	8.2	40579	180.83	1.17	K 188	4		
8.8	30429	166.11	1.56			8.9	37275	166.11	1.27				
10	26672	145.60	1.78			10	32673	145.60	1.45				
11	23757	129.69	1.99			11	29103	129.69	1.63				
13	20837	113.75	2.27			13	25526	113.75	1.86				
14	18714	102.16	2.53			14	22925	102.16	2.07				
17	16120	88.00	2.94			17	19747	88.00	2.40				
13	20119	109.83	1.51	K 168	4	13	24646	109.83	1.23	K 168	4		
17	16085	87.86	1.88			17	19716	87.86	1.54				
19	14314	78.14	2.12			19	17535	78.14	1.73				
22	12489	68.07	2.43			22	15275	68.07	1.99				
24	11127	60.74	2.73	KAF 168	4	24	13630	60.74	2.23			KA 168	4
15	18359	100.22	0.93	K 158	4	29	11617	51.77	2.61			KAF 168	4
16	16789	91.65	1.01			35	9625	42.89	3.15				
18	14609	79.75	1.17										
21	12893	70.38	1.32										
24	11178	61.02	1.52										
27	9945	54.29	1.71										
31	8571	46.79	1.99										
39	6965	38.02	2.45										
47	5734	31.30	2.98										
21	12997	70.95	0.95	K 128	4	16	20566	91.65	0.83	K 158	4		
23	11487	62.60	1.07			19	17896	79.75	0.95				
27	9905	54.07	1.24			21	15793	70.38	1.08				
31	8760	47.92	1.40			24	13693	61.02	1.24				
37	7362	40.19	1.67			27	12183	54.29	1.40				
41	6639	38.24	1.86			32	10500	46.79	1.62				
47	5745	31.36	2.14			39	8532	38.02	2.00				
53	5069	27.07	2.43			47	7024	31.30	2.43				
52	4378	23.90	2.82										
35	7646	41.74	0.91	KAF128	4	24	14048	62.60	0.87	K 128	4		
40	6663	36.46	1.02			27	12133	54.07	1.01				
48	5649	30.84	1.14			31	10731	47.82	1.15				
51	5237	28.59	1.30			37	9019	40.19	1.38				
57	4752	25.94	1.43			41	8132	36.24	1.51				
66	4085	22.30	1.67			47	7037	31.36	1.75				
76	3565	19.46	1.91			53	6209	27.67	1.98				
89	3024	16.51	2.21			62	5363	23.90	2.30				
102	2643	14.43	2.47			70	4744	21.14	2.60				
109	2475	13.51	1.65			83	3988	17.77	3.09				
125	2160	11.79	1.89			103	3220	14.35	3.56				
147	1832	10.00	2.17			116	2868	12.78	2.82				
168	1601	8.74	2.41	138	2410	10.74	3.15						
199	1354	7.39	2.85	171	1948	8.68	3.52						
59	4532	24.74	0.90	K 98	4	41	8188	36.48	0.83	K 108	4		
66	4098	22.37	0.99			48	6921	30.84	0.93				
78	3473	18.96	1.17			52	6416	28.59	1.06				
89	3034	16.56	1.34			57	5821	25.94	1.17				
108	2537	13.85	1.61			66	5004	22.30	1.36				
123	2196	11.99	1.68			76	4367	19.46	1.56				
141	1907	10.41	1.42			90	3705	16.51	1.80				
169	1590	8.71	1.88			103	3238	14.43	2.02				
195	1381	7.54	1.82			110	3032	13.51	1.34				
						126	2846	11.79	1.54				
						148	2244	10.00	1.77				
						169	1951	8.74	1.97				
				200	1658	7.39	2.33						

Technical drawings of various motor models (K38, KAB38, KA38, KAZ38, KF38, KAF38, KAT38, K.S38, K..38 R18) showing front, side, and detail views with dimensions in mm.

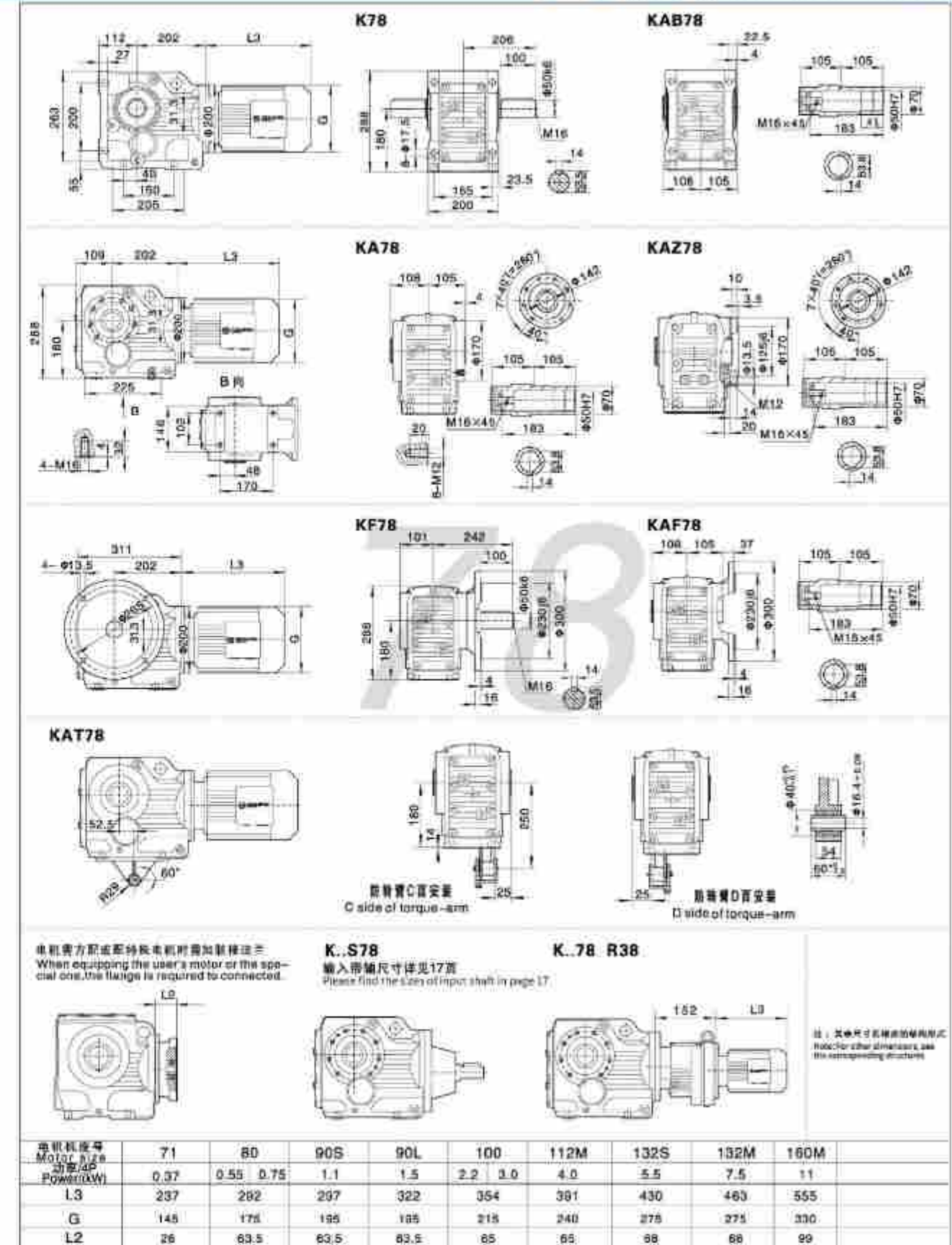
注：其他尺寸及结构见相应规格书。
Note: For other dimensions, see the corresponding specification book.

Note: 1. The above housings are common parts. The mounting dimensions may consult each other. 2. "X" mean K, KA, KF, KAF, KA2 3. Hollow shaft output with shrink disk, see K(194-195) for detail. 4. The sizes of splined hollow hole in Page (196-197)

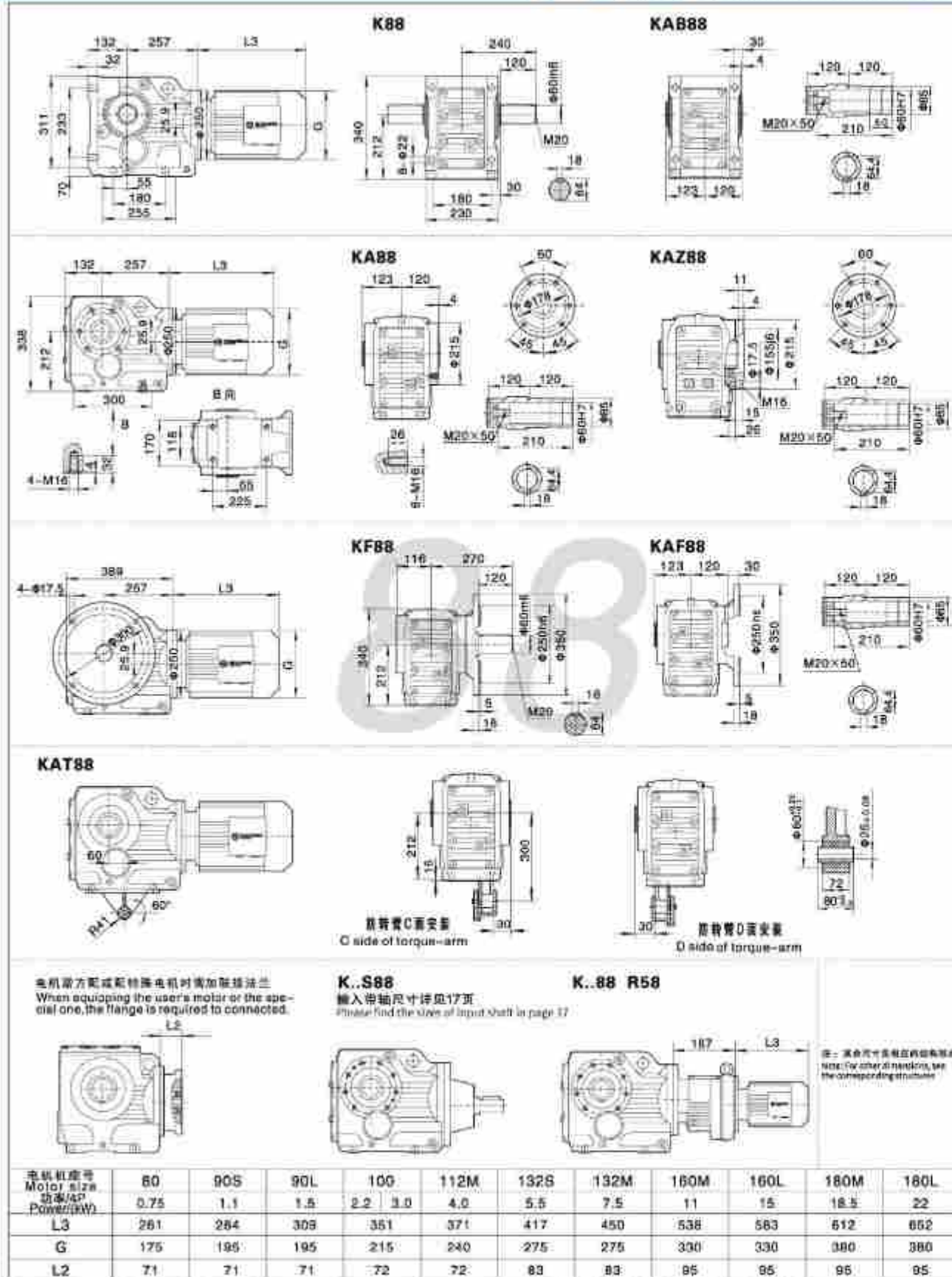




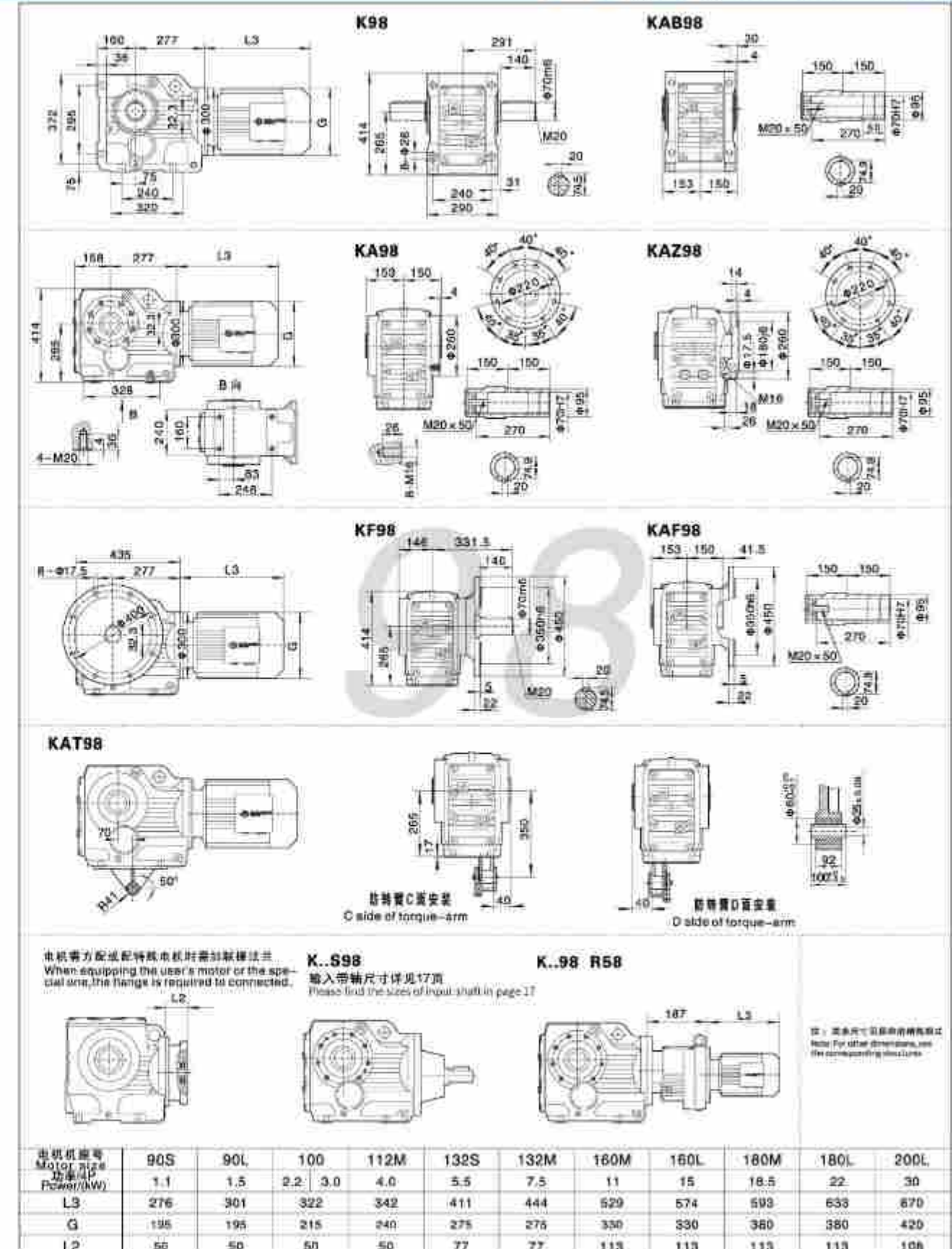
注：1.以上单位为通用件，安装尺寸均可相互参照。2.“K.”表示 K、KA、KF、KAF、KAZ。3.带键轴式，详见 K(194-195) 页。4.花键轴式 K(196-197) 页。
Note: 1. The above housings are common parts. The mounting dimensions may consult each other. 2. “K.” mean K, KA, KF, KAF, KAZ.
3. Hollow shaft output with shrink disk, see K(194-195) for detail.
4. The sizes of splined hollow hole in Page (196-197)



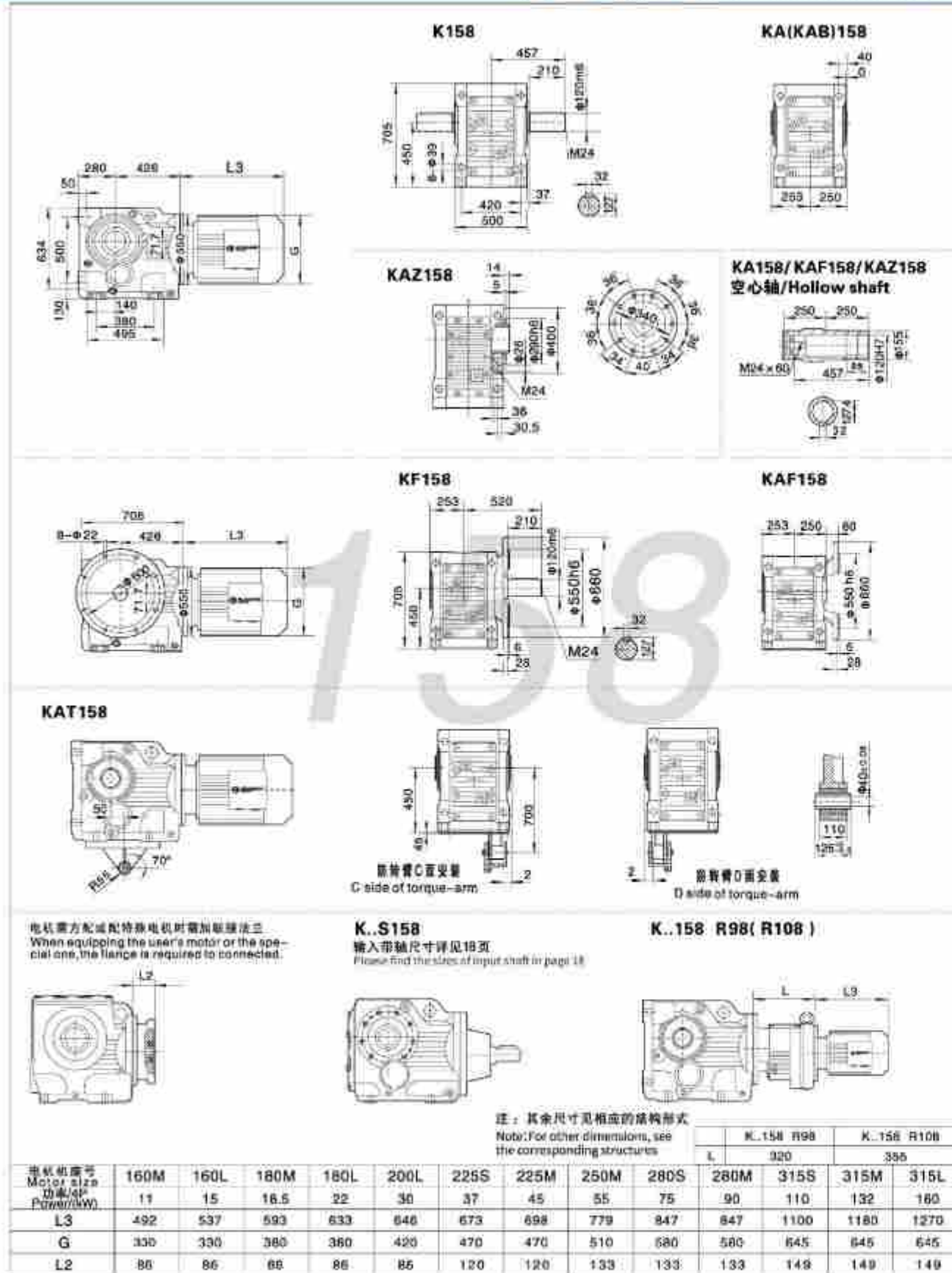
注：1.以上单位为通用件，安装尺寸均可相互参照。2.“K.”表示 K、KA、KF、KAF、KAZ。3.带键轴式，详见 K(194-195) 页。4.花键轴式 K(196-197) 页。
Note: 1. The above housings are common parts. The mounting dimensions may consult each other. 2. “K.” mean K, KA, KF, KAF, KAZ.
3. Hollow shaft output with shrink disk, see K(194-195) for detail.
4. The sizes of splined hollow hole in Page (196-197)



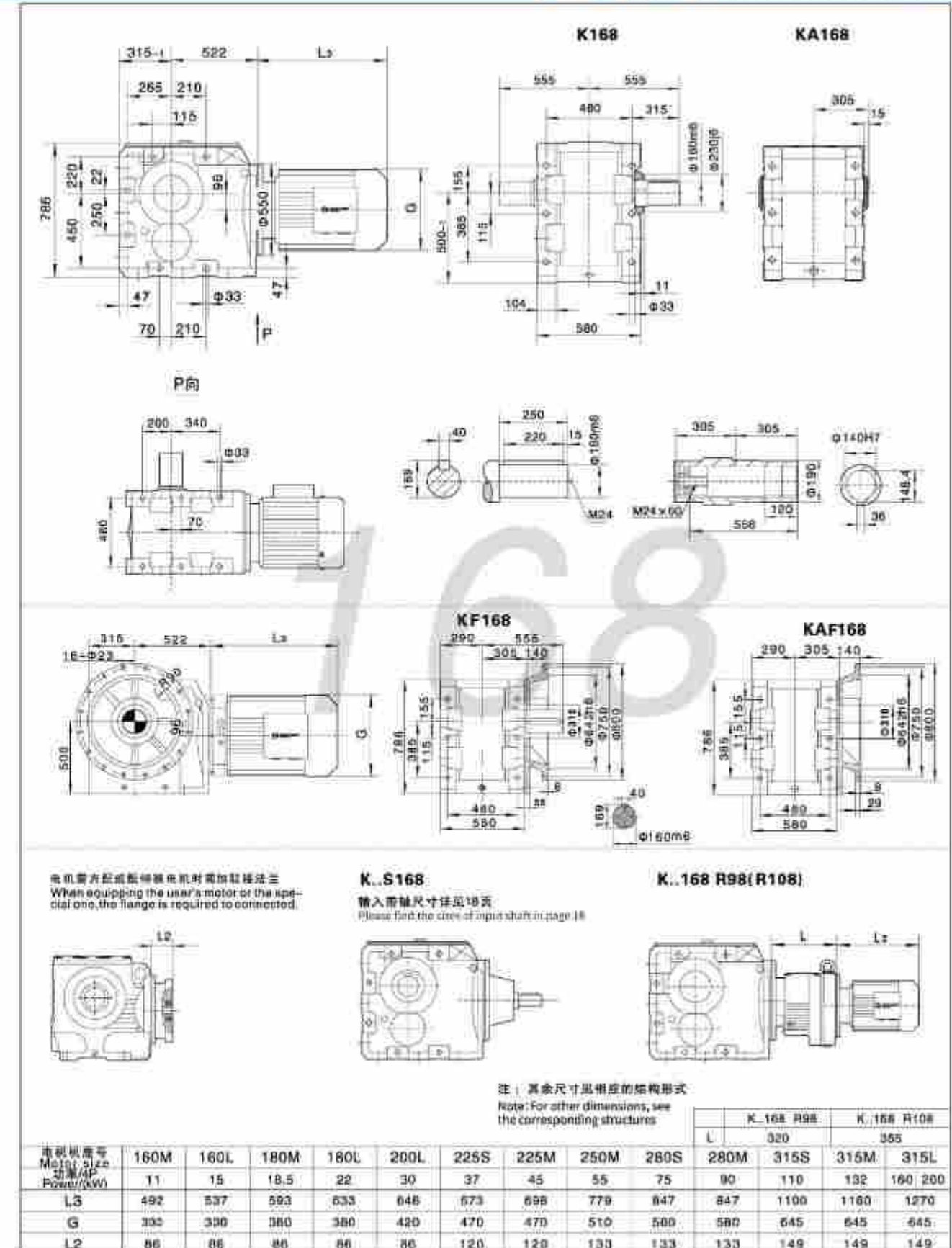
注：1. 以上壳体为通用件，安装尺寸均可相互参照 2. "K.."表示 K、KA、KF、KAF、KAZ 3. 带锁紧套式，详见 K(194-195) 页 4. 花键轴系 K(196-197)
Note: 1. The above housings are common parts. The mounting dimensions may consult each other. 2. "K.." mean K, KA, KF, KAF, KAZ
3. Hollow shaft output with shrink disk, see K(194-195) for detail.
4. The sizes of splined hollow hole in Page (196-197)



注：1. 以上壳体为通用件，安装尺寸均可相互参照 2. "K.."表示 K、KA、KF、KAF、KAZ 3. 带锁紧套式，详见 K(194-195) 页 4. 花键轴系 K(196-197)
Note: 1. The above housings are common parts. The mounting dimensions may consult each other. 2. "K.." mean K, KA, KF, KAF, KAZ
3. Hollow shaft output with shrink disk, see K(194-195) for detail.
4. The sizes of splined hollow hole in Page (196-197)

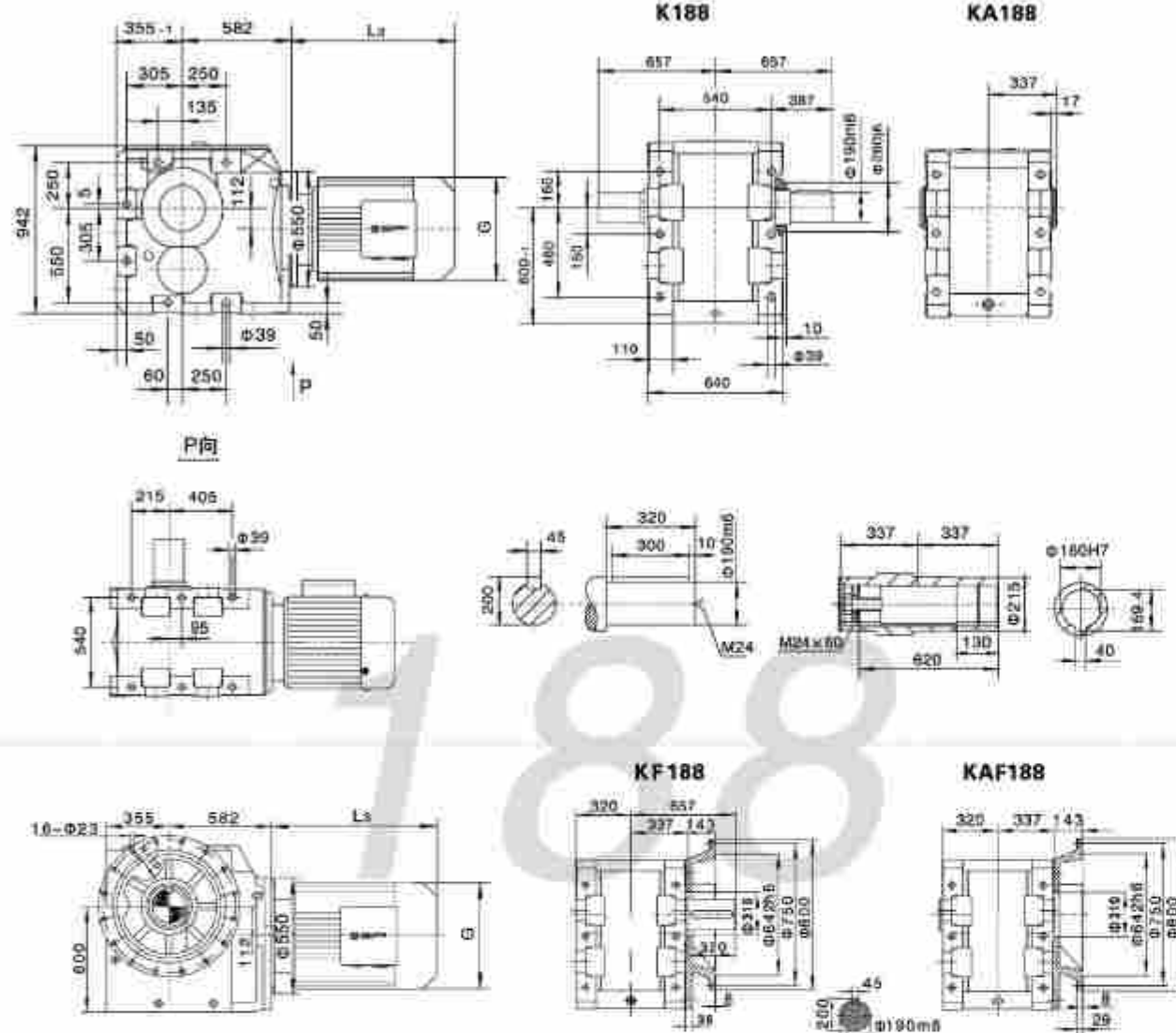


注:1.以上壳体为通用件,安装尺寸均可相互参照 2."K.."表示 K.. KA.. KF.. KAF.. KAZ 3.带轴输出式,详见 K(194-195) 页 4.花键轴见 K(196-197)
Note:1.The above housings are common parts.The mounting dimensions may consult each other. 2."K.."mean K.. KA.. KF.. KAF.. KAZ
3.Hollow shaft output with shrink disk, see K(194-195) for detail.
4.The sizes of splined hollow hole in Page (196-197)



注:1.以上壳体为通用件,安装尺寸均可相互参照 2."K.."表示 K.. KA.. KF.. KAF.. KAZ 3.带轴输出式,详见 K(194-195) 页 4.花键轴见 K(196-197)
Note:1.The above housings are common parts.The mounting dimensions may consult each other. 2."K.."mean K.. KA.. KF.. KAF.. KAZ
3.Hollow shaft output with shrink disk, see K(194-195) for detail.
4.The sizes of splined hollow hole in Page (196-197)

S、F、K系列锁紧盘尺寸图 Dimensions of shrink disk for S、F、K series



电机需方或配带电机时需加连接法兰
When equipping the user's motor or the special one, the flange is required to be connected.

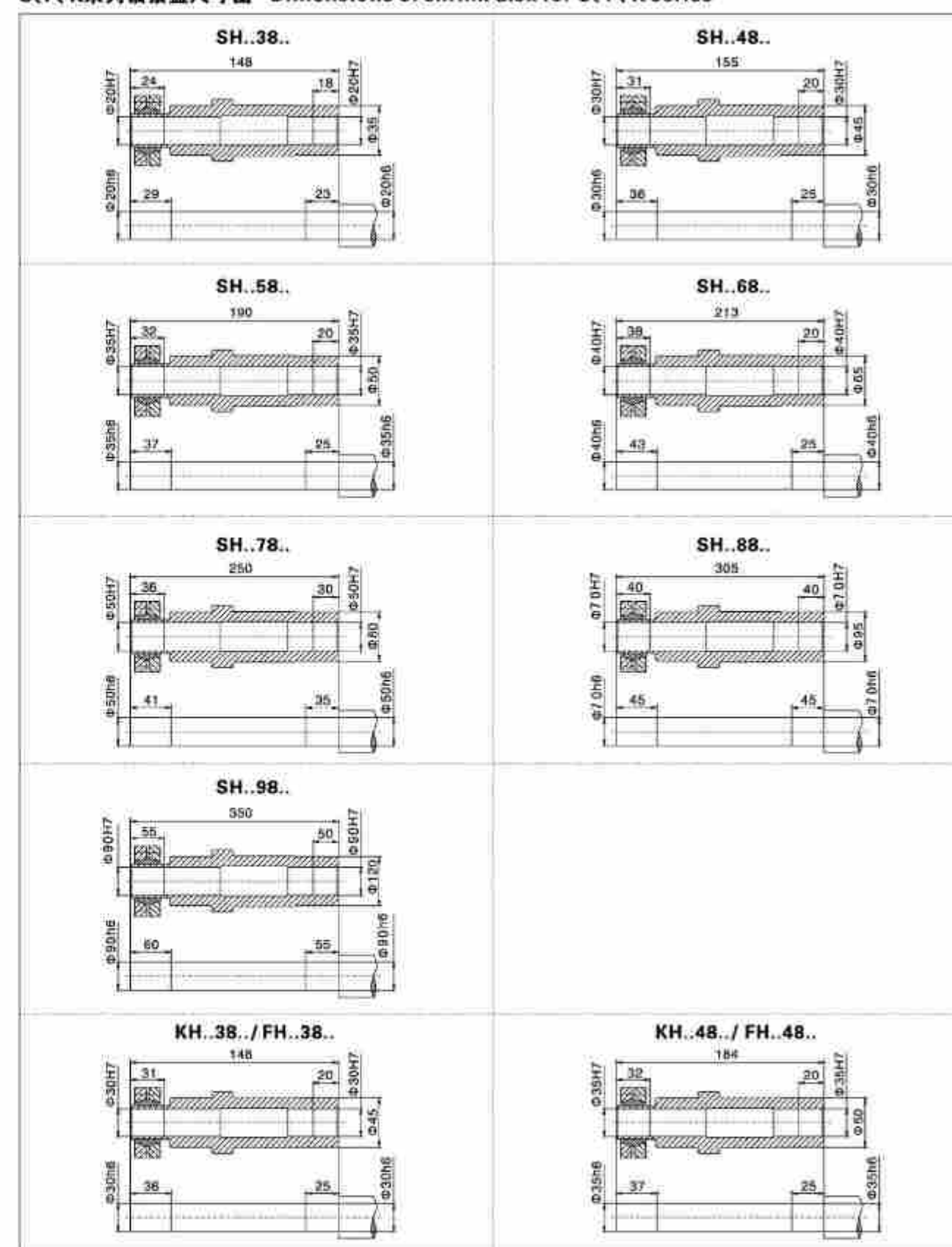
K..S188
输入轴尺寸详见18页
Please find the sizes of input shaft in page 18.

K..188 R98(R108)

注：其余尺寸见相应的结构形式
Note: For other dimensions, see the corresponding structures

电机机座号 Motor size 功率/kW Power/kW	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M	315S	315M	315L
L3	492	537	593	633	646	673	698	779	847	847	1100	1180	1270
G	330	330	380	380	420	470	470	510	580	580	845	845	845
L2	86	86	86	86	86	120	120	133	133	133	149	149	149

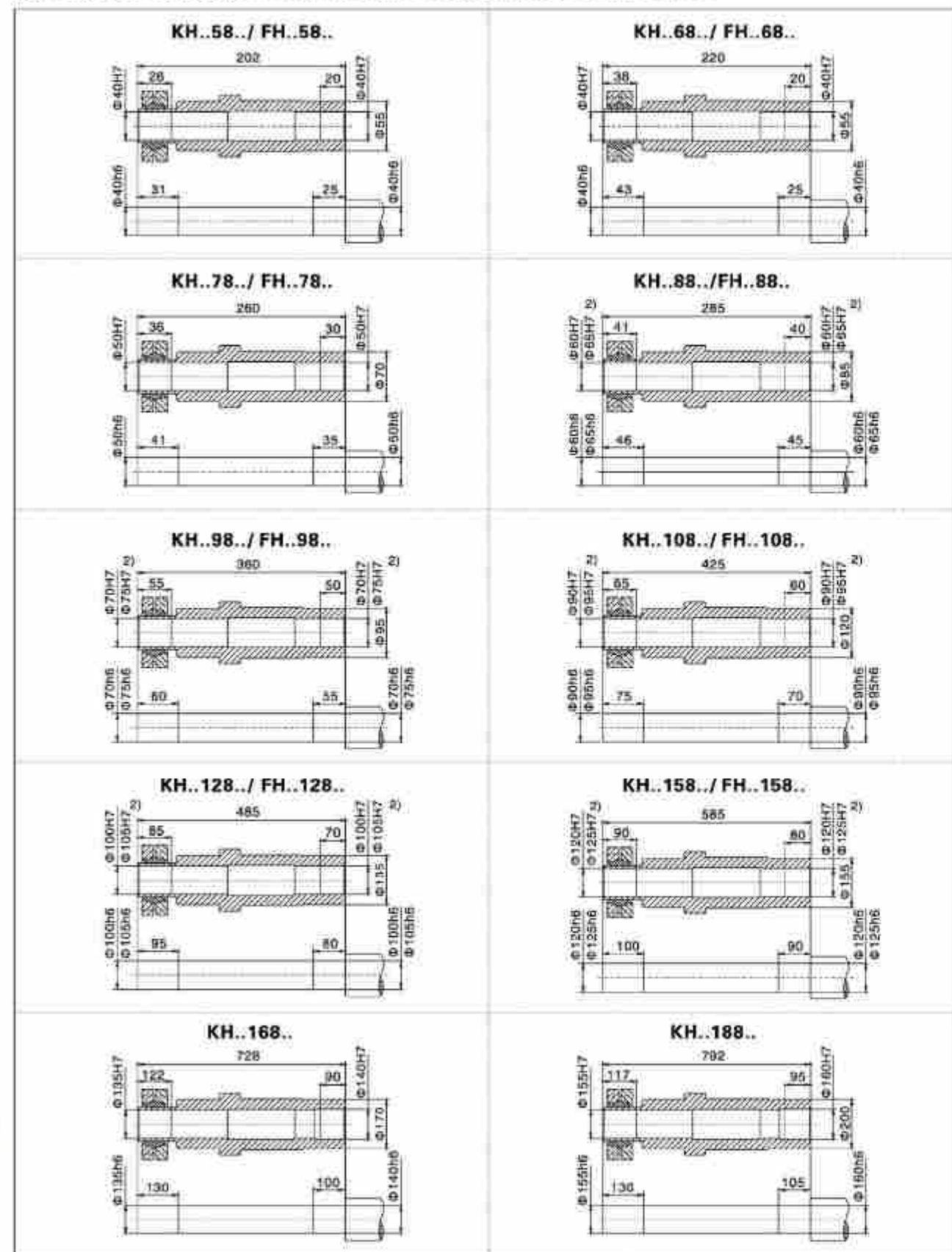
注1：以上表格为通用件安装尺寸均可相互参照。2.* K.. 表示 K、KA、KF、KAF、KAZ。3.带锁紧盘式，详见 K(194-195) 页。4. 带键轴 K(196-197) 页。
Note: 1. The above housings are common parts. The mounting dimensions may consult each other. 2.* K.. mean K, KA, KF, KAF, KAZ. 3. Hollow shaft output with shrink disk, see K(194-195) for detail. 4. The sizes of splined hollow shaft in Page (196-197).



注：1. 四大系列带锁紧盘型减速机输出轴不同外，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 flat key.

S、F、K系列锁紧盘尺寸图 Dimensions of shrink disk for S、F、K series



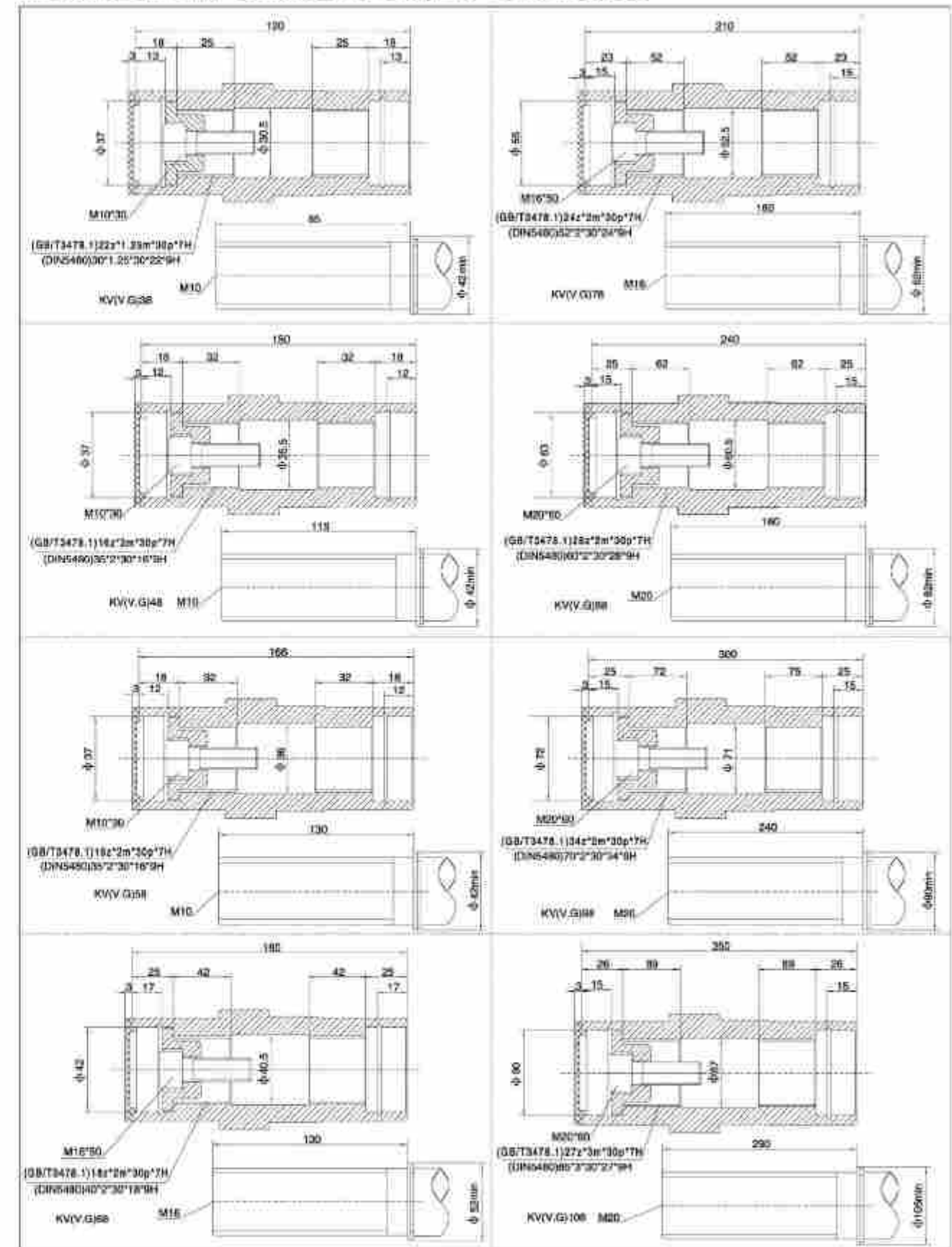
注：1.四大系列带锁紧盘减速机除输出轴不同外，其余均同平键空心轴标准产品。

2.KH88-KH158输出轴有2种孔径，选较大孔径时需注明。

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 flat key.

2.The output shaft of KH88-KH158 has two types of apertures. When selecting a larger aperture, it should be noted that.

F、K系列花键轴尺寸图 Dimensions of spline for F、K series

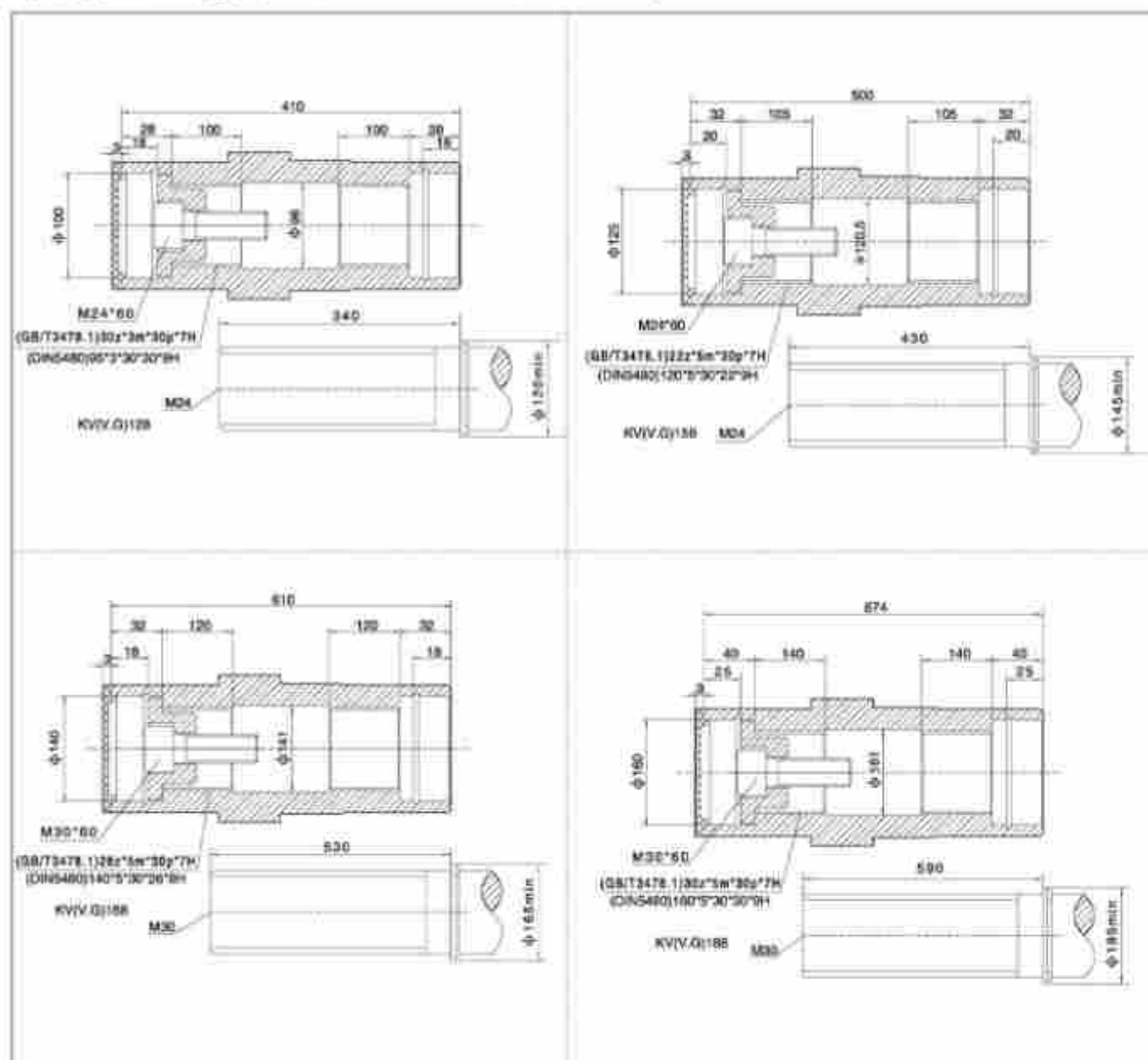


注：1.四大系列花键空心轴减速机除输出轴不同外，其余均同平键空心轴标准产品。

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



F、K系列花键轴尺寸图 Dimensions of spline for F、K series



注: 1. 四大系列花键空心轴减速机除输出轴不同外, 其余均同标准空心轴标准产品。

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