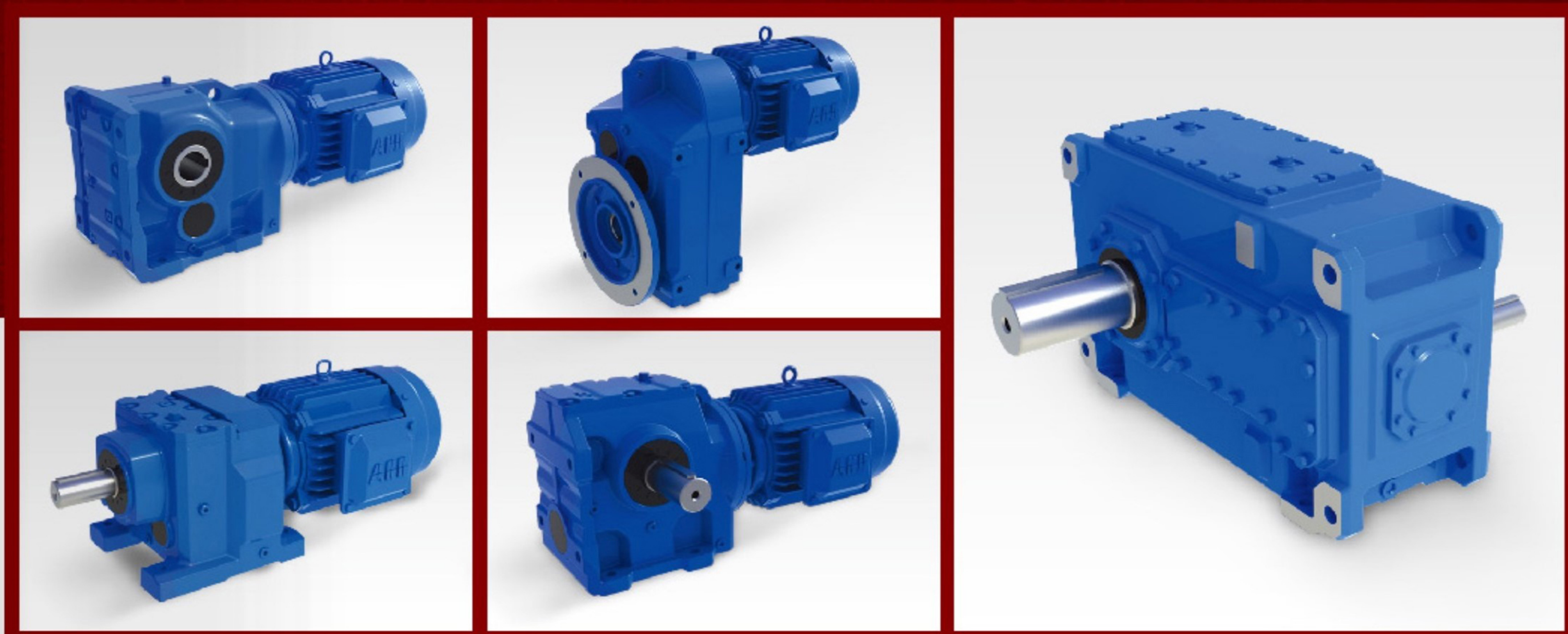


减速机 专业制造商

REDUCER PROFESSIONAL  
MANUFACTURER



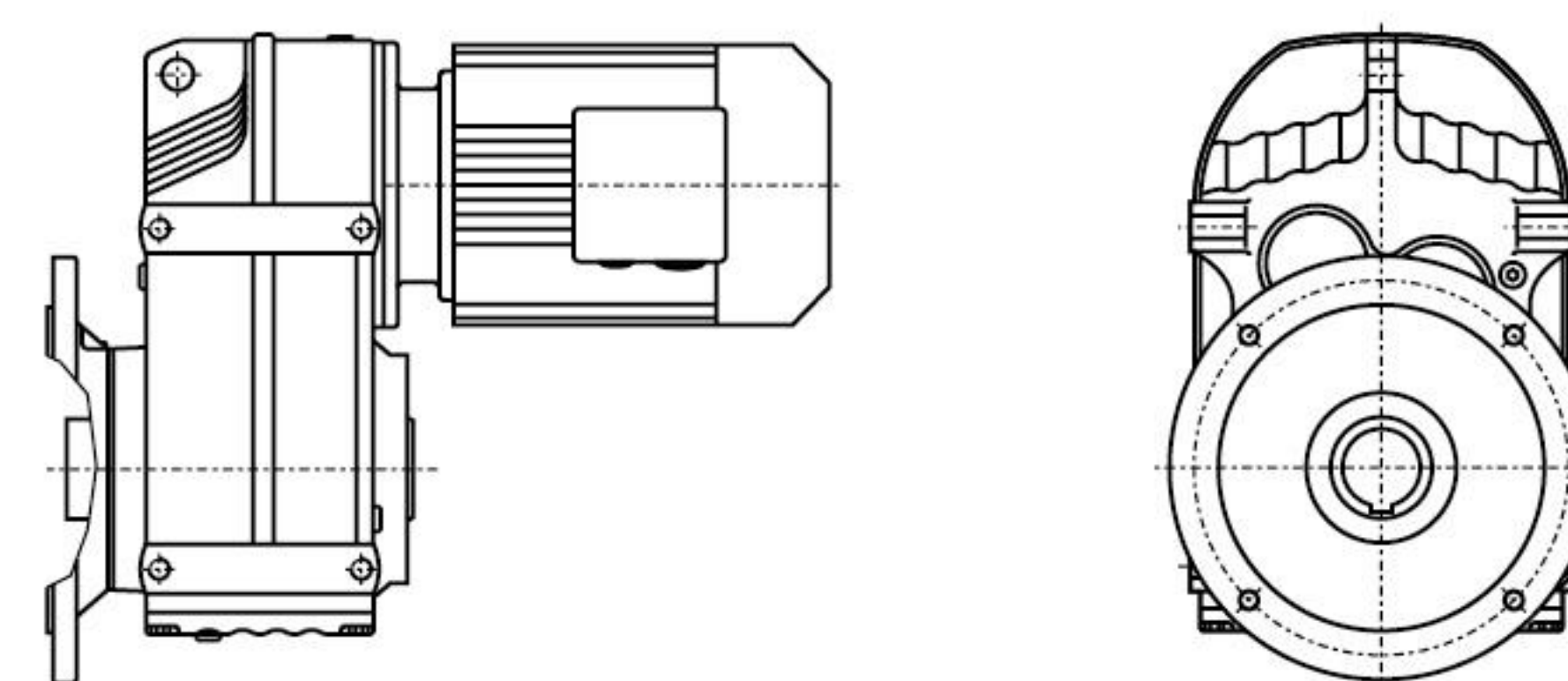
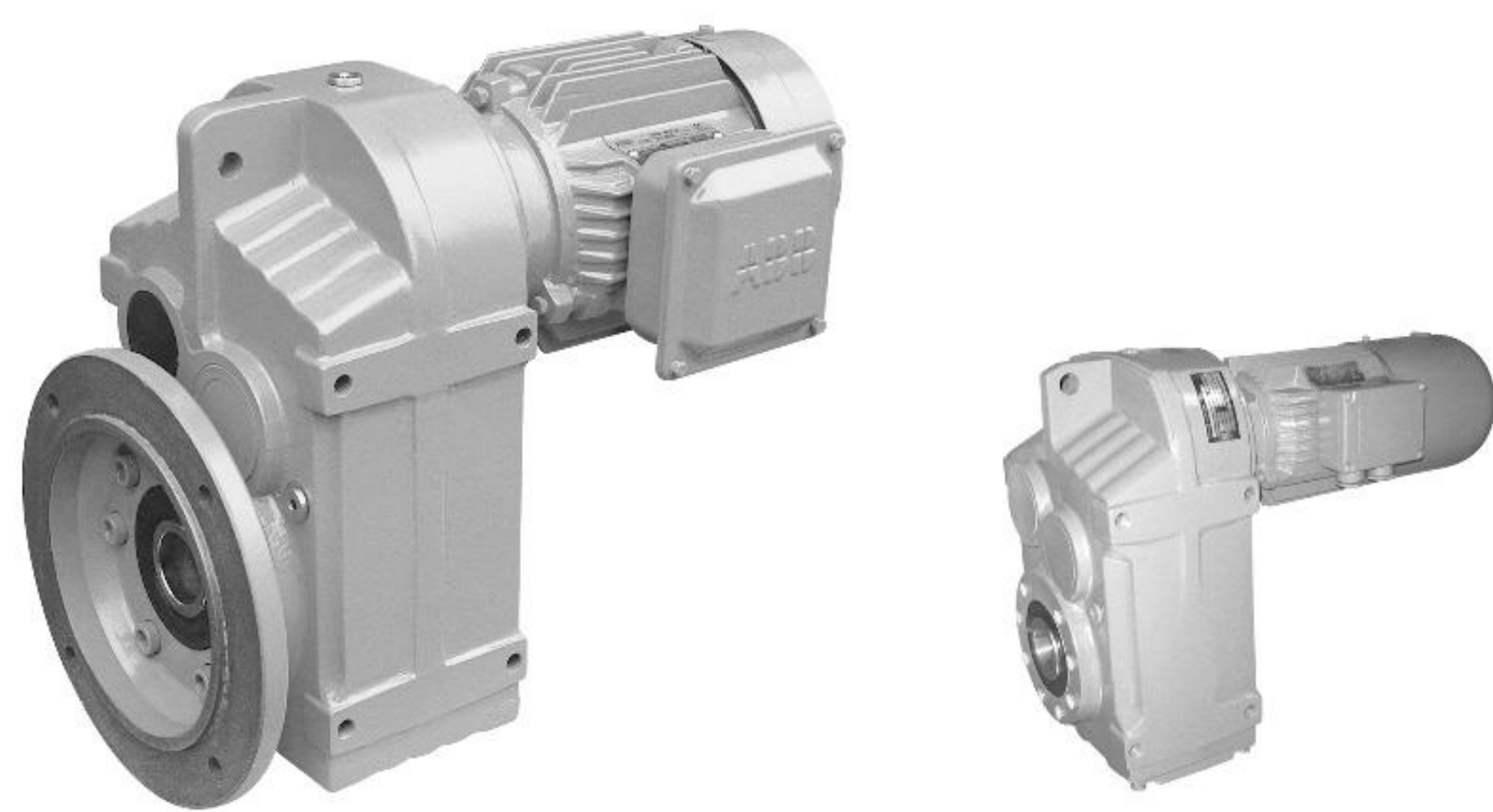
# F系列减速机选型手册

REDUCER SELECTION MANUAL

**温州阿尔法机械制造有限公司**

WENZHOU AERFA MACHINERY MANUFACTURING CO., LTD.





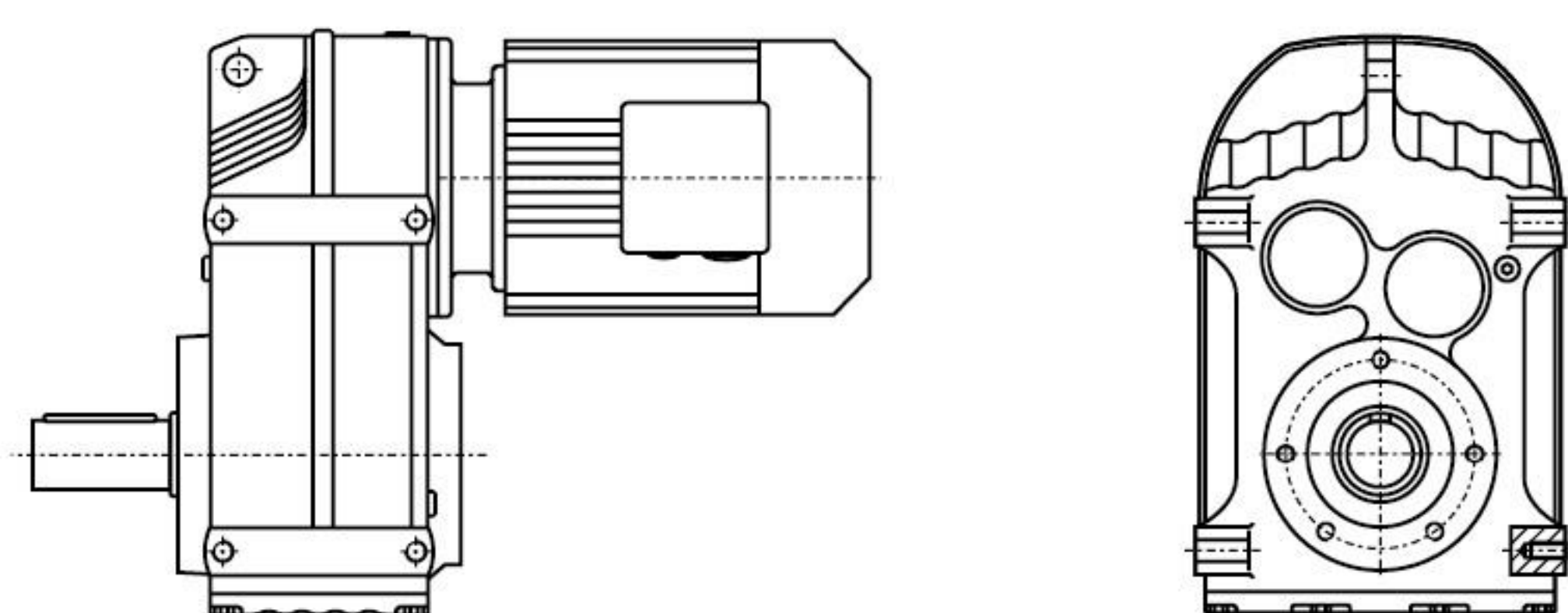
FAF..Y..

法兰空心轴安装平行轴斜齿轮减速机

Flange-mounted parallel shaft helical gear units with hollow shaft

F 系列减速机有以下设计方案：

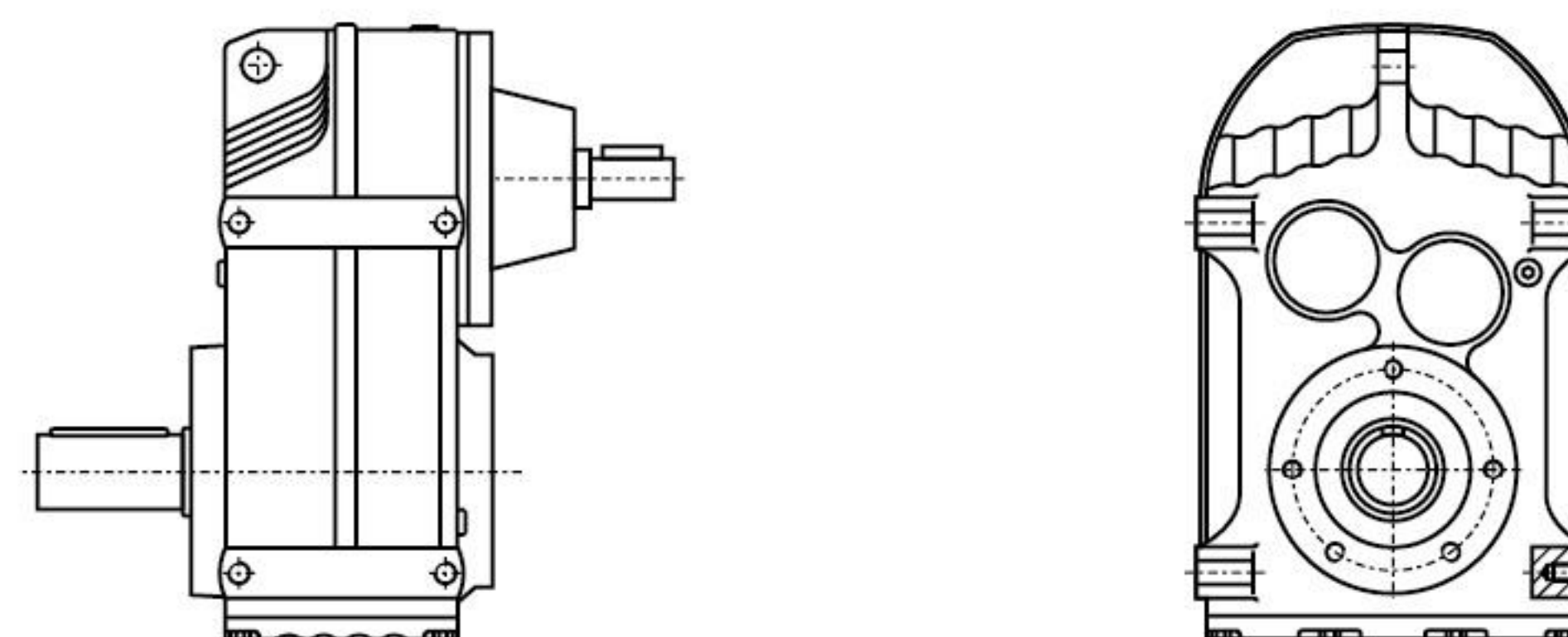
F series gear units are available in the following designs:



F..Y..

底脚轴伸式安装平行轴斜齿轮减速机

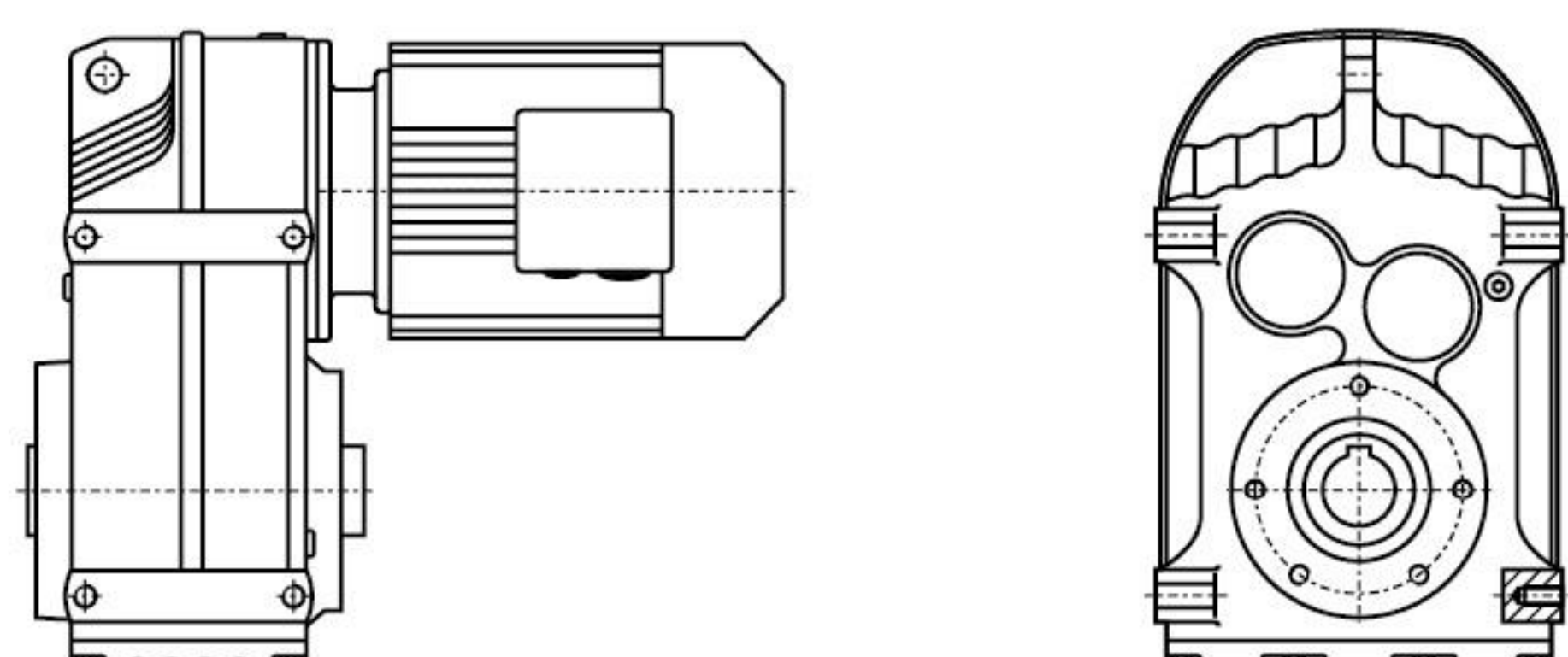
Foot-mounted parallel shaft helical gear units with solid shaft



F ( FF、FA、FAF、FAZ ) S...

轴输入的平行轴斜齿轮减速机

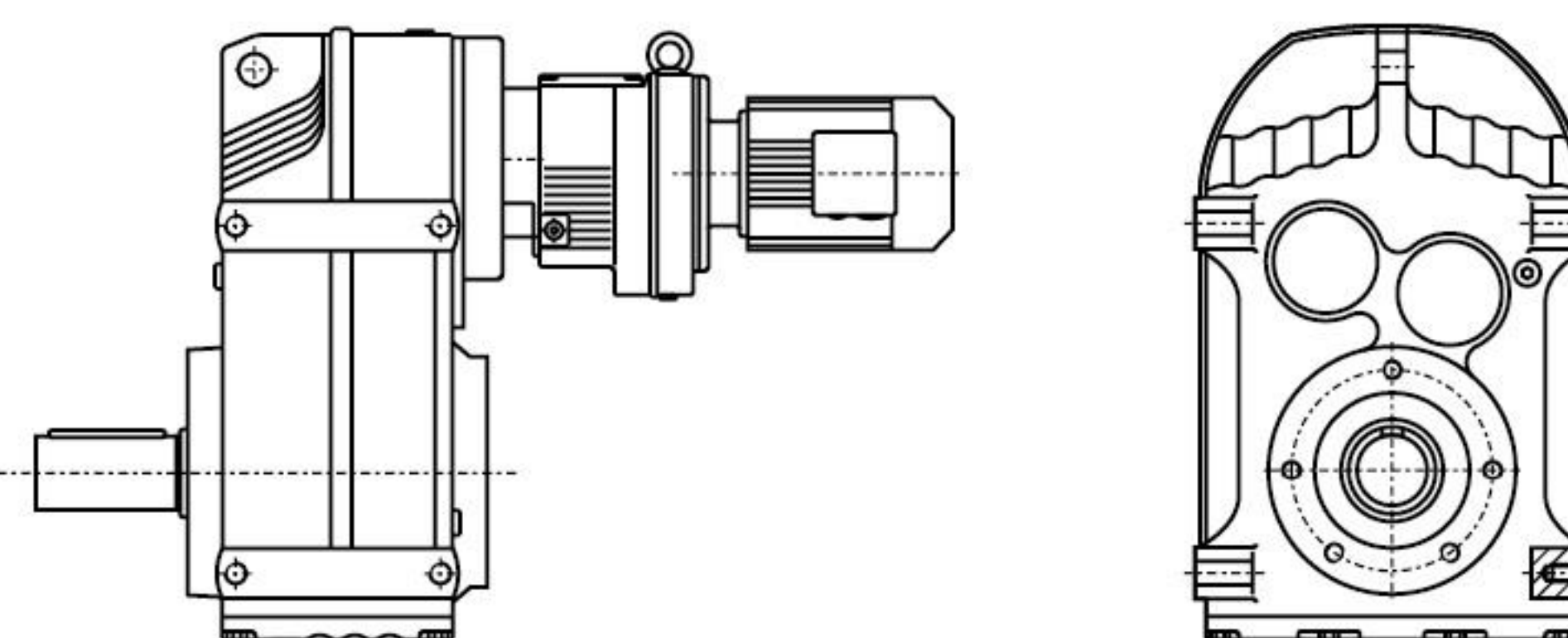
Shaft input parallel shaft helical gear units



FA..Y..

空心轴安装平行轴斜齿轮减速机

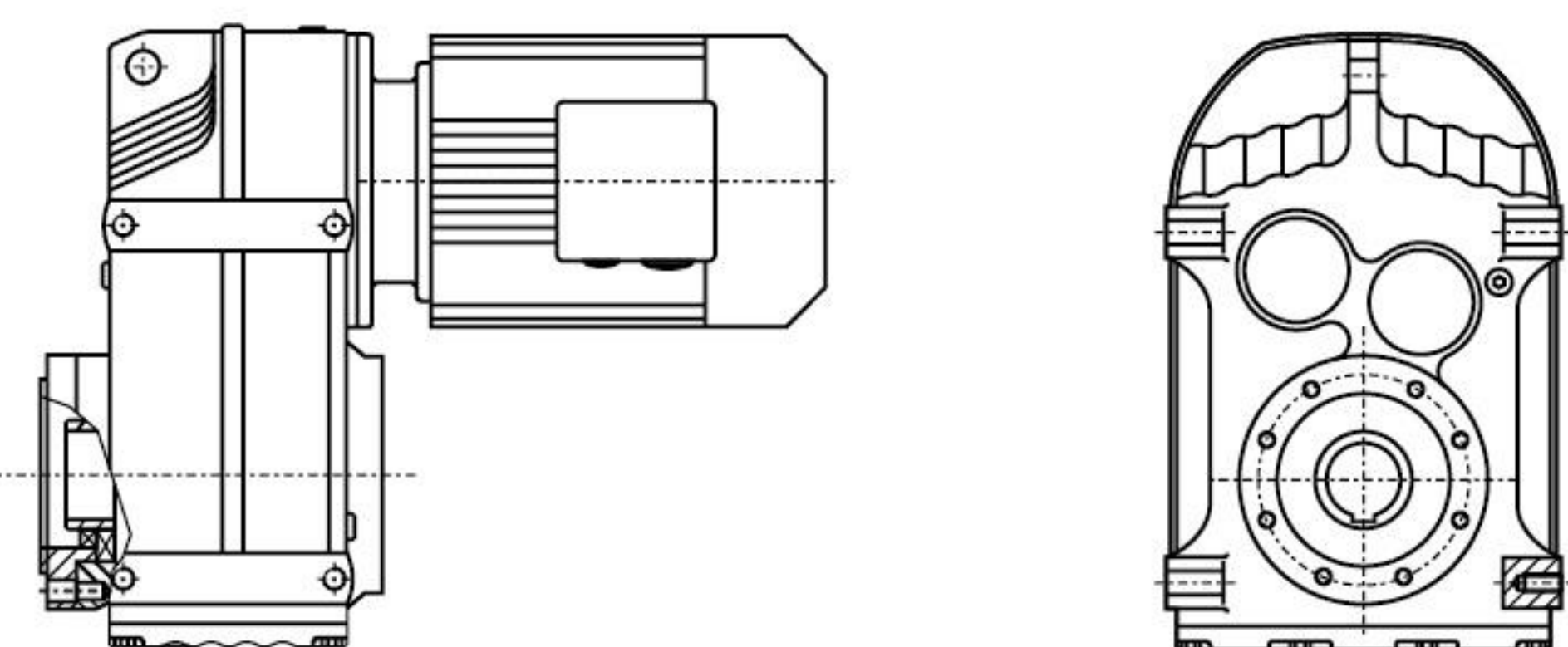
Parallel shaft helical gear units with hollow shaft



F ( FF、FA、FAF、FAZ ) ...R...Y...

组合式平行轴斜齿轮减速机

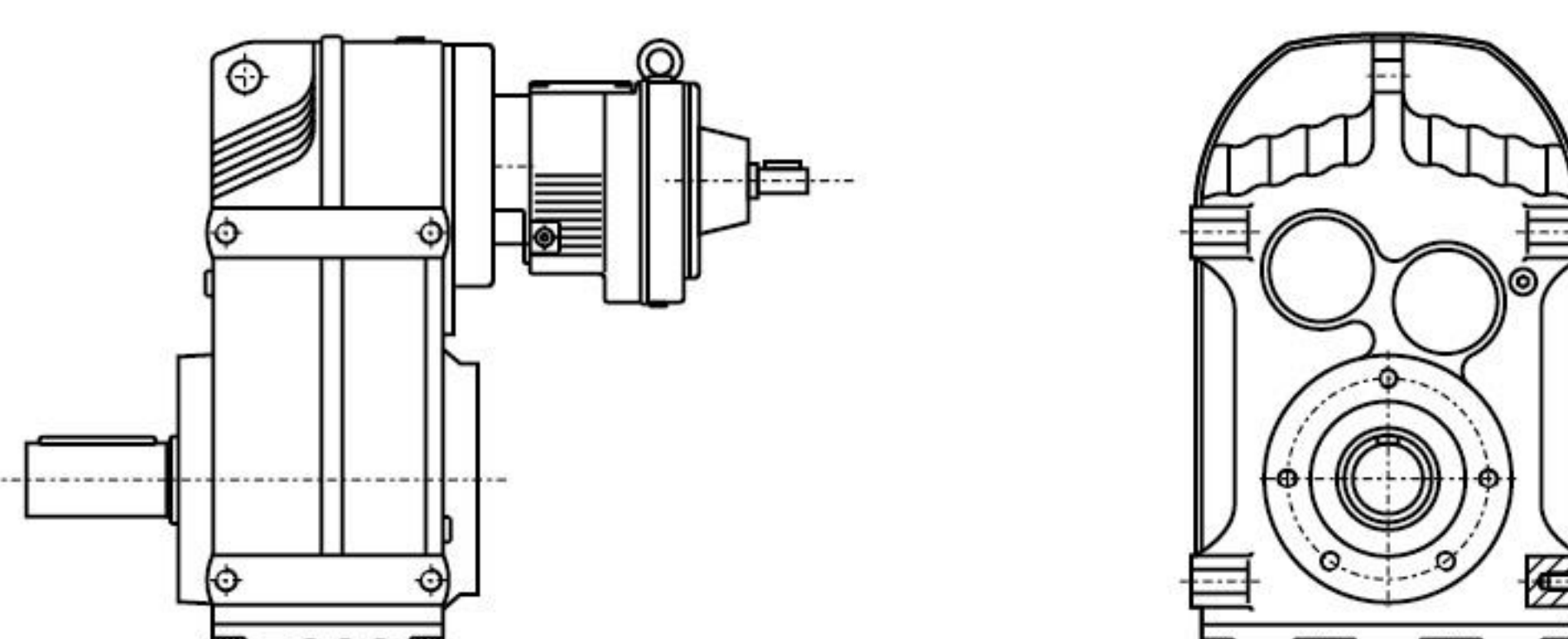
Combinatorial parallel shaft helical gear units



FAZ..Y..

小法兰空心轴安装平行轴斜齿轮减速机

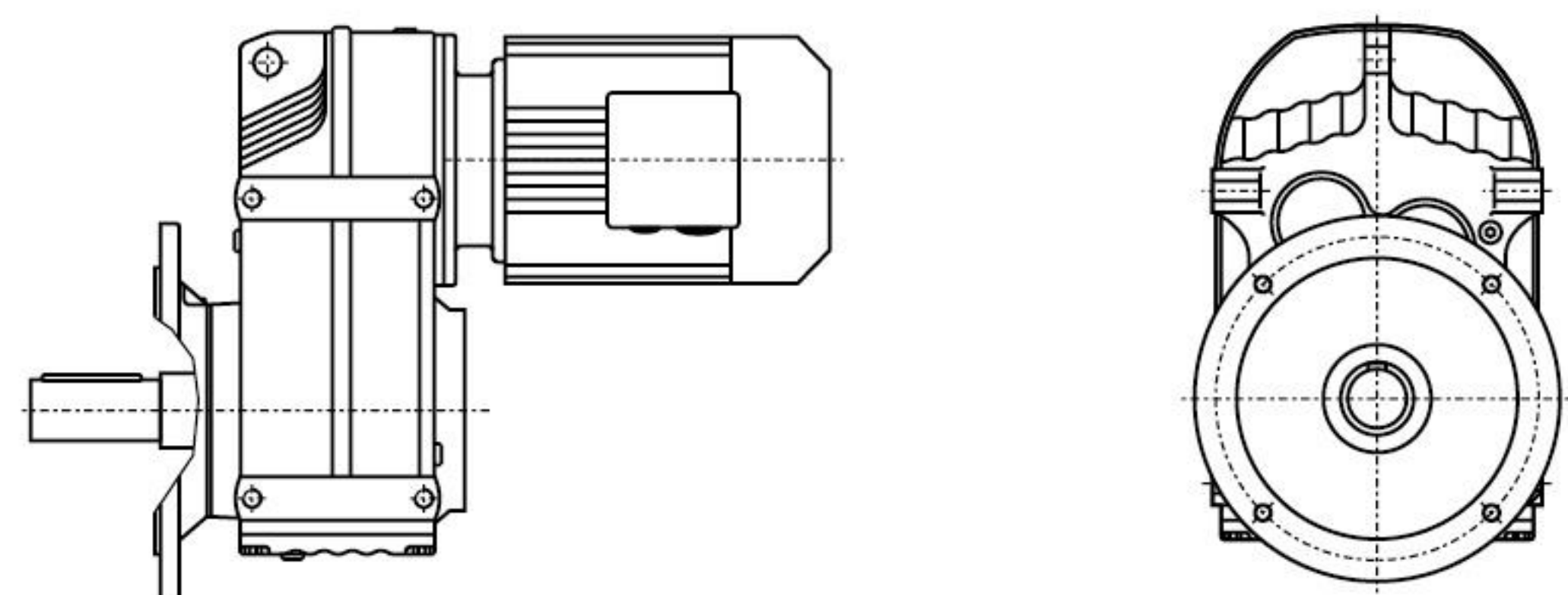
Short-flange-mounted parallel shaft helical gear units with hollow shaft



F ( FF、FA、FAF、FAZ ) S...R...

轴输入的组式平行轴斜齿轮减速机

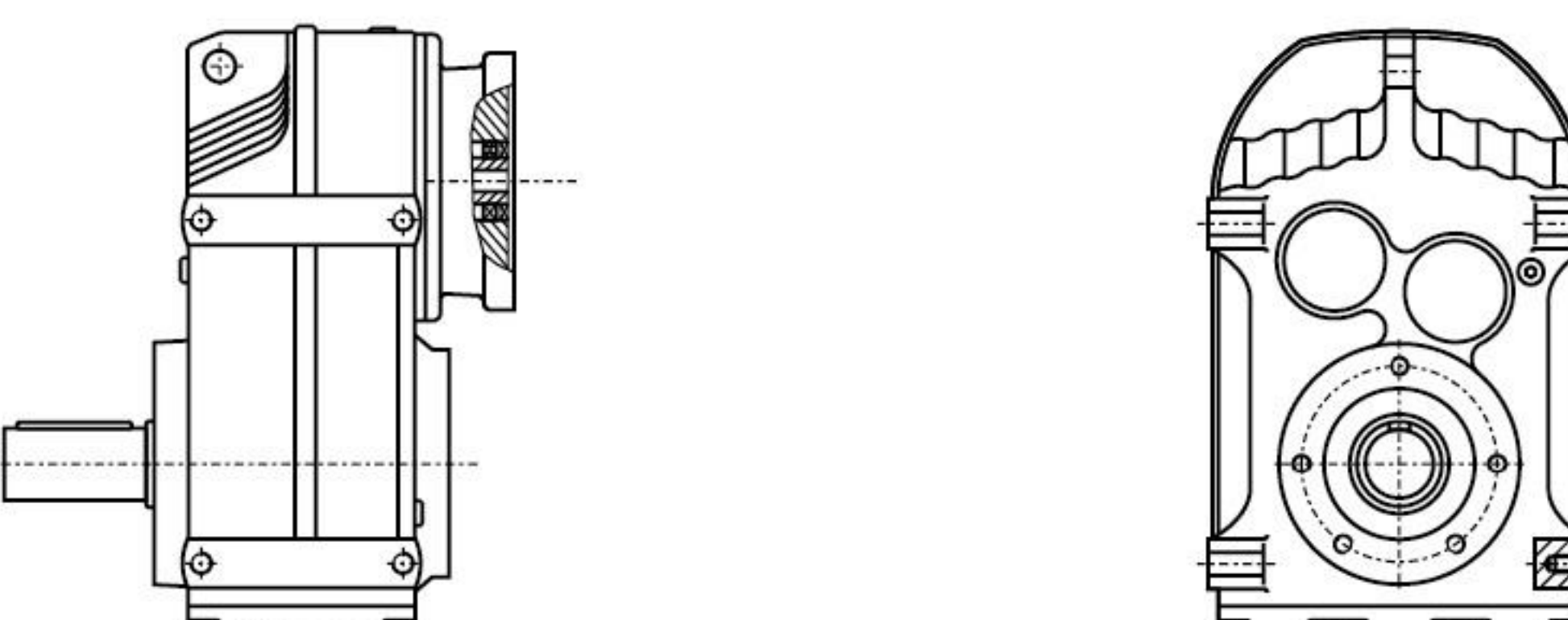
Shaft input combinatorial parallel shaft helical gear units



FF..Y..

法兰轴伸式安装平行轴斜齿轮减速机

Flange-mounted parallel shaft helical gear units with solid shaft



F ( FF、FA、FAF、FAZ ) ...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:

F

<div><div>F F 37-Y 0.55-4P-23.88-M1- 270°</div><div><div>减速机类型</div><div>结构形式</div><div>规格</div><div>电机代号</div><div>电机功率、极数</div><div>传动比</div><div>安装形式</div><div>电机接线盒位置</div></div></div>	<div><div>F F 37-Y 0.55-4P-23.88-M1- 270°</div><div><div>Gear units type</div><div>Structure</div><div>Size</div><div>Motor code</div><div>Motor power、 pole</div><div>Ratio</div><div>Mounting position</div><div>Position of the motor thermal box</div></div></div>
减速机类型: 平行轴斜齿轮减速机	Gear units type: Parallel shaft helical 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 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 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 YEJ 多 速 D 变 频 YVP 电磁调速 YCT 冶金起重 R 变频制动 YVPJ 辊 道 G	Motor code: Ordinary(renew) Y(Y2) Flame-proof B Direct current Z Brake YEJ Multi-speed D Variable frequency YVP Electromagnetism speed modulation YCT Hoisting in metallurgy R Variable frequency and brake YVPJ 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89页)	Mounting position: M1、M2、M3、M4、M5、M6(see page 89)
电机接线盒位置: 0° 、 90° 、 180° 、 270° (见第89页)	Position of the motor thermal box: 0° 、 90° 、 180° 、 270° (see page 89)

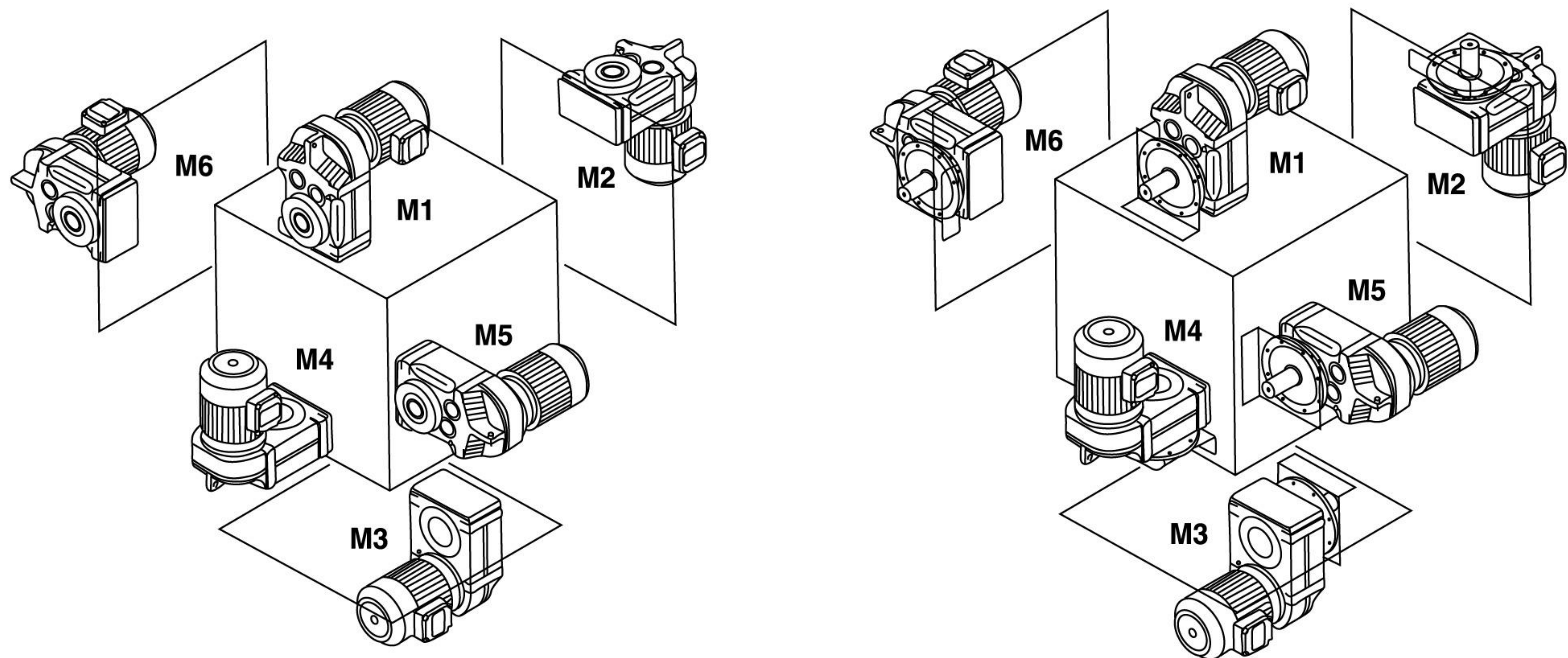
\*带锁紧盘式，详见361-362页。

\*Hollow shaft output with shrink disk, see P361-362 for detail.



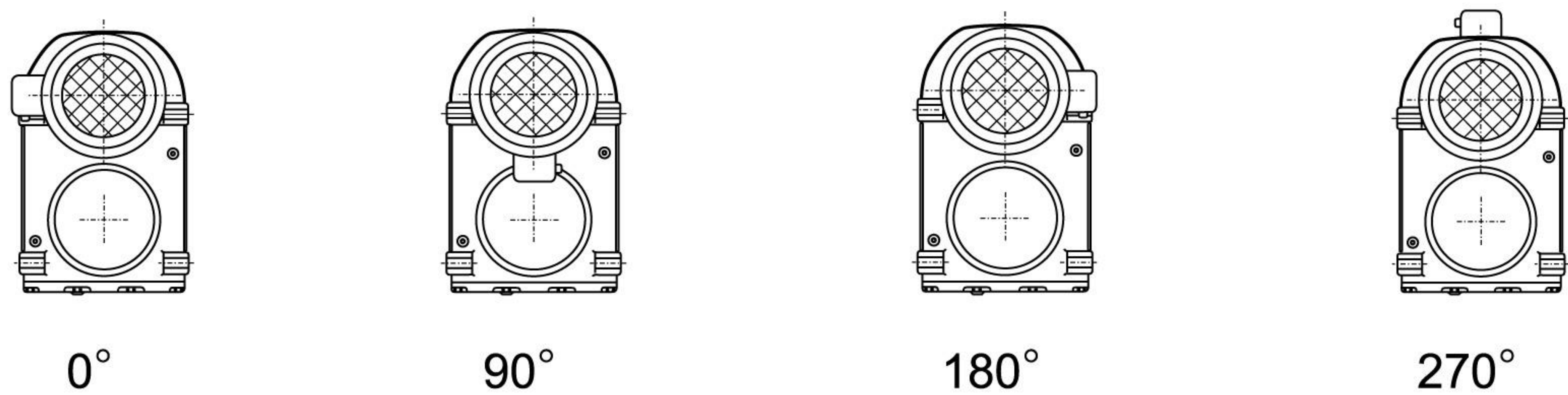


安装形式：  
Mounting position:



F

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	107	127	157
结构形式 Structure	F    FA    FF    FAF    FAZ									
输入功率 Input power rating(kw)	0.18~3	0.18~3	0.18~5.5	0.18~5.5	0.37~11	0.75~22	1.1~30	2.2~45	7.5~90	11~200
传动比 Ratio	3.81~128.51	5.06~189.39	5.18~199.70	4.21~228.99	4.30~281.71	4.12~270.68	4.68~280.76	6.20~254.40	4.63~172.17	11.92~267.43
许用转矩(N.m) Permissible torque	200	400	600	820	1500	3000	4300	7840	12000	18000

减速机重量  
Gear unit weight

规格 Size	37	47	57	67	77	87	97	107	127	157
重量(kg) Weight	13	18	34	55	90	150	260	402	700	950

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

F...:

规格 Size	润滑油量 ( 升 )			Fill quantity in liters		
	M1	M2	M3	M4	M5	M6
F37	1	1.2	0.7	1.2	1	1.1
F47	1.5	1.8	1.1	1.9	1.5	1.7
F57	2.6	3.7	2.1	3.5	2.8	2.9
F67	2.7	3.8	1.9	3.8	2.9	3.2
F77	5	7.3	4.3	8	6	6.3
F87	10	13.0	7.7	13.8	10.8	11
F97	18.5	22.5	12.6	25.2	18.5	20
F107	24.5	32	19.5	37.5	27	27
F127	40.5	55	34	61	46.5	47
F157	69	104	63	105	86	78

FF...:

规格 Size	润滑油量 ( 升 )			Fill quantity in liters		
	M1	M2	M3	M4	M5	M6
FF37	1	1.2	0.7	1.3	1	1.1
FF47	1.6	1.9	1.1	1.9	1.5	1.7
FF57	2.8	3.8	2.1	3.7	2.9	3
FF67	2.7	3.8	1.9	3.8	2.9	3.2
FF77	5.1	7.3	4.3	8.1	6	6.3
FF87	10.3	13.2	7.8	14.1	11	11.2
FF97	19	22.5	12.6	25.5	18.9	20.5
FF107	25.5	32	19.5	38.5	27.5	28
FF127	41.5	56	34	63	46.5	49
FF157	72	105	64	106	87	79

FA..、FAF..、FAZ...:

规格 Size	润滑油量 ( 升 )			Fill quantity in liters		
	M1	M2	M3	M4	M5	M6
F..37	1	1.2	0.7	1.2	1	1.1
F..47	1.5	1.8	1.1	1.9	1.5	1.7
F..57	2.7	3.8	2.1	3.6	2.9	3
F..67	2.7	3.8	1.9	3.8	2.9	3.2
F..77	5	7.3	4.3	8	6	6.3
F..87	10	13.0	7.7	13.8	10.8	11
F..97	18.5	22.5	12.6	25.0	18.5	20
F..107	24.5	32	19.5	37.5	27	27
F..127	39	55	34	61	45	46.5
F..157	68	103	62	104	85	77

F



F





F

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 <sub>B</sub>	机 型 号 Type Type	极 数 Pole p
0.18kW					
7.2	224	117.88	0.84	FA 37	6
8.5	191	100.36	0.99	FAF37	6
9.8	164	86.53	1.14	F 37	6
11	153	80.65	1.23	FF 37	6
12	134	70.50	1.40		
11	149	128.51	1.26		
12	137	117.88	1.37		
14	117	100.36	1.61		
16	101	86.53	1.87		
17	94	80.65	2.0		
20	82	70.50	2.3		
21	77	66.09	2.4		
24	68	58.32	2.8		
25	63	54.54	3.0		
27	60	51.70	3.1		
30	55	47.02	3.4		
32	51	43.83	3.7		
36	45	38.31	4.2		
39	42	35.91	4.5	FA 37	4
44	37	31.69	5.1	FAF37	4
49	33	28.09	5.8	F 37	4
58	28	23.88	6.8	FF 37	4
59	27	23.63	6.8		
68	24	20.57	7.9		
72	22	19.27	8.4		
82	20	17.03	9.5		
88	18	15.81	10.2		
97	17	14.33	11		
108	15	12.87	13		
125	13	11.08	14		
133	12	10.42	14		
155	10	8.97	16		
185	8.7	7.51	16		
204	7.9	6.81	17		
227	7.1	6.11	18		
264	6.1	5.27	19		
281	5.8	4.95	20		
326	5.0	4.26	21		
0.25kW					
0.16	13607	8901	0.83		
0.18	11775	7703	0.96	FA 127R77	4
0.21	10346	6768	1.09	FAF127R77	4
0.23	9131	5973	1.24	F 127R77	4
0.27	7760	5076	1.45	FF 127R77	4
0.31	6827	4466	1.7		
0.24	8897	5820	0.83		
0.27	7984	5223	0.92		
0.30	6982	4567	1.06		
0.40	5262	3442	1.40	FA 107R77	4
0.46	4643	3037	1.59	FAF107R77	4
0.50	4213	2756	1.75	F 107R77	4
0.59	3621	2369	2.0	FF 107R77	4
0.67	3161	2068	2.3		
0.87	2441	1597	3.0		
0.99	2142	1401	3.4		
0.47	4508	2949	0.90		
0.54	3959	2590	1.02		
0.61	3466	2267	1.17	FA 97R57	4
0.63	3362	2199	1.20	FAF97R57	4
0.80	2658	1739	1.52	F 97R57	4
0.90	2357	1542	1.71	FF 97R57	4
1.0	2032	1329	2.0		
1.2	1807	1182	2.2		
1.3	1578	1032	2.6		

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 <sub>B</sub>	机 型 号 Type Type	极 数 Pole p
0.25kW					
0.72	2950	1930	1.0		
0.81	2613	1709	1.1		
0.93	2282	1493	1.2	FA 87R57	4
1.1	1987	1300	1.4	FAF87R57	4
1.2	1755	1148	1.6	F 87R57	4
1.4	1544	1010	1.8	FF 87R57	4
1.6	1356	887	2.1		
1.8	1192	780	2.4		
2.1	1030	674	2.7		
1.3	1605	1050	0.88		
1.5	1387	907	1.02		
1.7	1238	810	1.14	FA 77R37	4
2.0	1085	710	1.30	FAF77R37	4
2.3	917	600	1.54	F 77R37	4
2.6	803	525	1.76	FF 77R37	4
3.0	717	469	1.97		
3.4	630	412	2.2		
2.2	980	641	0.79		
2.4	874	572	0.88		
2.7	778	509	0.99		
2.8	764	500	1.01	FA 67R37	4
3.1	694	454	1.11	FAF67R37	4
3.2	668	437	1.15	F 67R37	4
3.5	599	392	1.29	FF 67R37	4
4.2	509	333	1.51		
4.7	454	297	1.70		
5.3	399	261	1.93		
5.8	364	238	2.1		
3.6	592	387	0.95		
4.2	504	330	0.97		
5.6	381	249	1.11		
3.6	584	382	1.12	FA 57R37	4
4.2	505	330	1.21	FAF57R37	4
4.7	456	298	1.24	F 57R37	4
5.3	401	262	1.48	FF 57R37	4
6.2	345	226	1.63		
7.0	306	200	1.84		
8.4	254	166	2.2		
6.0	352	230	1.07		
6.1	347	227	1.08		
6.4	330	216	1.14		
7.2	294	192	1.28	FA 47R17	4
7.4	287	188	1.31	FAF47R17	4
7.9	269	176	1.40	F 47R17	4
8.0	264	173	1.42	FF 47R17	4
9.4	226	148	1.66		
11	199	130	1.89		
10	203	133	0.92	FA 37R17	4
11	197	129	0.95	FAF37R17	4
12	180	118	1.04	F 37R17	4
14	150	98	1.25	FF 37R17	4
16	133	87	1.41		
3.0	744	281.71	1.9	FA 77	6
3.2	694	262.93	2.0	FAF77	6
3.8	596	225.79	2.4	F 77	6
4.3	524	198.31	2.7	FF 77	6
4.5	497	188.40	2.8		





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 <sub>B</sub>	Type	p	r/min	Nm	i	f <sub>B</sub>	Type	p
0.25kW						0.25kW					
3.7	605	228.99	1.3	FA 67 FAF67 F 67 FF 67	6	204	11	6.81	12	FA 37 FAF37 F 37 FF 37	4
4.4	516	195.39	1.5		6	227	10	6.11	13		4
5.0	451	170.85	1.7		6	264	8.5	5.27	14		4
5.2	429	162.31	1.8		6	281	8.0	4.95	14		4
6.0	376	142.40	2.1		6	326	6.9	4.26	15		4
6.1 370 228.99 2.1 FA 67 4						0.37kW					
7.1	315	195.39	2.4	FA 67	4	0.21	15312	6768	0.74	FA 127R77 FAF127R77 F 127R77 FF 127R77	4
8.1	276	170.85	2.8	FAF67	4	0.23	13514	5973	0.83		
8.6	262	162.31	2.9	F 67	4	0.27	11484	5076	0.98		
9.8	230	142.40	3.4	FF 67	4	0.31	10104	4466	1.12		
						0.36	8751	3868	1.29		
4.3	527	199.70	1.07	FA 57 FAF57 F 57 FF 57	6	0.41	7699	3403	1.47	FA 107R77 FAF107R77 F 107R77 FF 107R77	4
4.6	485	183.60	1.16			0.47	6758	2987	1.67		
5.4	415	157.09	1.4			0.46	6871	3037	1.07		
6.2	360	136.16	1.6			0.50	6235	2756	1.16		
6.7	336	127.27	1.7			0.59	5360	2369	1.35		
7.7	290	110.01	1.9	FF 57	6	0.67	4679	2068	1.54	FA 97R57 FAF97R57 F 97R57 FF 97R57	4
						0.87	3613	1597	2.0		
7.0	322	199.70	1.7	FA 57 FAF57 F 57 FF 57	4	0.61	5129	2267	0.79		
7.6	296	183.60	1.9			0.70	4505	1991	0.90		
8.8	254	157.09	2.2			0.80	3934	1739	1.03		
10	220	136.16	2.6			0.90	3489	1542	1.16		
11	205	127.27	2.7			1.0	3032	1340	1.3		
13	178	110.01	3.2	FF 57	4	1.2	2674	1182	1.5	FA 87R57 FAF87R57 F 87R57 FF 87R57	4
						1.3	2335	1032	1.7		
5.7	393	148.98	1.0	FA 47	6	1.5	2052	907	2.0		
6.6	341	129.14	1.1	FAF47	6						
7.0	319	120.70	1.2	F 47	6						
8.1	275	104.33	1.4	FF 47	6						
7.3 306 189.39 1.2 FA 47 4						1.1 2941 1300 1.0					
8.0	281	174.13	1.3	FAF47	4	1.2	2597	1148	1.1	FA 87R57 FAF87R57 F 87R57 FF 87R57	4
9.3	241	148.98	1.6	F 47	4	1.4	2285	1010	1.2		
11	209	129.14	1.8	FF 47	4	1.6	2007	887	1.4		
12	195	120.70	1.9			1.8	1765	780	1.6		
13	168	104.33	2.2			2.1	1525	674	1.8		
16	143	88.65	2.6			2.3	1378	609	2.0	FA 77R37 FAF77R37 F 77R37 FF 77R37	4
						2.7	1165	515	2.4		
11	207	128.51	0.9	FA 37 FAF37 F 37 FF 37	4	3.1	1023	452	2.8		
12	190	117.88	1.0			1.7	1833	810	0.77		
14	162	100.36	1.2			2.0	1606	710	0.88		
16	140	86.53	1.3			2.3	1357	600	1.04		
17	130	80.65	1.4			2.6	1188	525	1.19		
20	114	70.50	1.7			3.0	1061	469	1.33		
21	107	66.09	1.8			3.4	932	412	1.51		
24	94	58.32	2.0			3.9	808	357	1.75		
25	88	54.54	2.1	4.4	710	314	1.98				
27	83	51.70	2.3							FA 67R37 FAF67R37 F 67R37 FF 67R37	4
30	76	47.02	2.5	3.3	966	427	0.80				
32	71	43.83	2.7	3.8	828	366	0.93				
36	62	38.31	3.0	4.3	731	323	1.05				
39	58	35.91	3.2	4.8	656	290	1.17				
44	51	31.69	3.7	F 37	4	5.4	581	257	1.33	FA 57R37 FAF57R37 F 57R37 FF 57R37	4
49	45	28.09	4.1	FF 37	4	6.3	498	220	1.55		
58	39	23.88	4.9			5.3	593	262	0.95		
59	38	23.63	4.9			5.6	563	249	1.00		
68	33	20.57	5.7			6.2	511	226	1.10		
72	31	19.27	6.0			7.0	452	200	1.25	FA 57R37 FAF57R37 F 57R37 FF 57R37	4
82	27	17.03	6.8			7.1	446	197	1.27		
88	26	15.81	7.4			7.7	410	181	1.38		
97	23	14.33	8.1			8.4	376	166	1.50		
108	21	12.87	9.0			9.1	344	152	1.64		
125	18	11.08	10			10	303	134	1.86		
133	17	10.42	10								
155	14	8.97	11								
185	12	7.51	11								

F





F

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 <sub>B</sub>	机 型 号 Type Type	极 数 Pole p
0.37kW					
8.0	391	173	0.96	FA 47R17	4
9.5	330	146	1.14	FAF47R17	4
11	292	129	1.29	F 47R17	4
				FF 47R17	4
2.4	1400	271.92	2.0	FA 87	8
2.5	1313	254.93	2.1	FAF87	8
2.8	1177	228.57	2.4	F 87	8
3.3	1014	196.85	2.8	FF 87	8
3.1	1063	271.92	2.7	FA 87	6
3.3	996	254.93	2.8	FAF87	6
3.7	893	228.57	3.2	F 87	6
				FF 87	6
3.8	882	225.79	1.6	FA 77	6
4.3	775	198.31	1.8	FAF77	6
4.5	736	188.40	1.9	F 77	6
5.1	651	166.47	2.2	FF 77	6
6.0	556	142.27	2.5		
4.9	673	281.71	2.1	FA 77	4
5.3	628	262.93	2.2	FAF77	4
6.2	540	225.79	2.6	F 77	4
7.0	474	198.31	3.0	FF 77	4
4.4	764	195.39	1.01	FA 67	6
5.0	668	170.85	1.15	FAF67	6
5.2	634	162.31	1.22	F 67	6
6.0	556	142.40	1.4	FF 67	6
7.0	472	120.79	1.6		
6.1	547	228.99	1.41		
7.1	467	195.39	1.65	FA 67	4
8.1	408	170.85	1.89	FAF67	4
8.6	388	162.31	1.99	F 67	4
9.8	340	142.40	2.3	FF 67	4
12	289	120.79	2.7		
5.4	614	157.09	0.92	FA 57	6
6.2	532	136.16	1.06	FAF57	6
6.7	497	127.27	1.13	F 57	6
7.7	430	110.01	1.31	FF 57	6
7.0	477	199.70	1.18		
7.6	439	183.60	1.29		
8.8	375	157.09	1.50	FA 57	4
10	325	136.16	1.73	FAF57	4
11	304	127.27	1.85	F 57	4
13	263	110.01	2.1	FF 57	4
15	223	93.47	2.5		
17	199	83.46	2.8		
9	356	148.98	1.06		
11	309	129.14	1.22	FA 47	4
13	249	104.33	1.51	FAF47	4
16	212	88.65	1.77	F 47	4
18	189	79.15	2.0	FF 47	4
21	162	67.61	2.3		
21	155	64.89	2.4		
16	207	86.53	0.91		
17	193	80.65	0.98		
20	168	70.50	1.12	FA 37	4
21	158	66.09	1.19	FAF37	4
24	139	58.32	1.35	F 37	4
25	130	54.54	1.44	FF 37	4
27	124	51.70	1.52		
30	112	47.02	1.67		
0.37kW					
32	105	43.83	1.80		
36	92	38.31	2.1		
39	86	35.91	2.2		
44	76	31.69	2.5		
49	67	28.09	2.8		
58	57	23.88	3.3		
59	56	23.63	3.3		
68	49	20.57	3.8		
72	46	19.27	4.1		
82	41	17.03	4.6	FA 37	4
88	38	15.81	5.0	FAF37	4
97	34	14.33	5.5	F 37	4
108	31	12.87	6.1	FF 37	4
125	26	11.08	6.7		
133	25	10.42	7.0		
155	21	8.97	7.6		
185	18	7.51	7.7		
204	16	6.81	8.1		
227	15	6.11	8.7		
264	13	5.27	9.3		
281	12	4.95	9.5		
326	10	4.26	10		
0.55kW					
0.22	21141	6286	0.80		
0.26	18174	5404	0.93		
0.50	9336	2776	1.81	FA 157R97	4
0.57	8162	2427	2.1	FAF157R97	4
0.83	5630	1674	3.0	F 157R97	4
1.1	4399	1308	3.8	FF 157R97	4
1.2	3931	1169	4.3		
0.36	13009	3868	0.87	FA 127R77	4
0.41	11445	3403	0.99	FAF127R77	4
0.47	10046	2987	1.12	F 127R77	4
				FF 127R77	4
0.59	7967	2369	0.92		
0.67	6955	2068	1.06		
0.76	6141	1826	1.20		
0.87	5371	1597	1.37	FA 107R77	4
0.99	4712	1401	1.56	FAF107R77	4
1.19	3921	1166	1.88	F 107R77	4
1.28	3656	1087	2.0	FF 107R77	4
1.46	3195	950	2.3		
1.67	2805	834	2.6		
2.17	2152	640	3.4		
1.04	4507	1340	0.90		
1.18	3975	1182	1.02		
1.35	3471	1032	1.16		
1.5	3050	907	1.33		
1.7	2677	796	1.5	FA 97R57	4
2.0	2354	700	1.7	FAF97R57	4
2.3	2055	611	2.0	F 97R57	4
2.6	1796	534	2.3	FF 97R57	4
2.9	1587	472	2.5		
3.4	1379	410	2.9		
3.8	1234	367	3.3		
1.6	2983	887	0.95		
1.8	2623	780	1.08		
2.1	2267	674	1.24	FA 87R57	4
2.3	2048	609	1.38	FAF87R57	4
2.7	1732	515	1.63	F 87R57	4
3.1	1520	452	1.86	FF 87R57	4
4.0	1160	345	2.4		





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 <sub>B</sub>	机 型 号 Type Type	极 数 Pole p
0.55kW					
2.6	1766	525	0.80	FA 77R37	4
3.0	1577	469	0.89	FAF77R37	4
3.4	1386	412	1.02	F 77R37	4
3.9	1201	357	1.17	FF 77R37	4
4.4	1056	314	1.34		
5.4	864	257	0.89	FA 67R37	4
6.3	740	220	1.04	FAF67R37	4
7.1	659	196	1.17	F 67R37	4
8.3	562	167	1.37	FF 67R37	4
2.4	2039	276.64	1.98	FA 97	8
2.6	1878	254.79	2.2	FAF97	8
3.0	1668	226.34	2.4	F 97	8
				FF 97	8
2.5	2004	271.92	1.41	FA 87	8
2.6	1875	254.93	1.50	FAF87	8
2.9	1684	228.57	1.67	F 87	8
3.4	1450	196.85	1.94	FF 87	8
3.3	1517	271.92	1.86	FA 87	6
3.5	1422	254.93	1.98	FAF87	6
3.9	1275	228.57	2.2	F 87	6
4.5	1098	196.85	2.6	FF 87	6
4.9	998	178.95	2.8		
3.9	1260	225.79	1.12	FA 77	6
4.5	1106	198.31	1.27	FAF77	6
4.7	1051	188.40	1.34	F 77	6
5.3	929	166.47	1.52	FF 77	6
6.2	794	142.27	1.78		
6.8	728	130.42	1.94		
6.2	802	225.79	1.76		
7.0	704	198.31	2.0	FA 77	4
7.4	669	188.40	2.1	FAF77	4
8.3	591	166.47	2.4	F 77	4
9.8	505	142.27	2.8	FF 77	4
11	463	130.42	3.0		
12	407	114.45	3.5		
13	385	108.46	3.7		
15	337	94.93	4.2		
7.1	694	195.39	1.11	FA 67	4
8.1	607	170.85	1.27	FAF67	4
8.6	577	162.31	1.34	F 67	4
9.8	506	142.40	1.52	FF 67	4
12	429	120.79	1.80		
13	387	109.04	2.0		
14	341	95.94	2.3		
15	322	90.59	2.4		
18	277	77.97	2.8		
8.8	558	157.09	1.01	FA 57	4
10	484	136.16	1.17	FAF57	4
11	452	127.27	1.25	F 57	4
13	391	110.01	1.44	FF 57	4
15	332	93.47	1.70		
17	296	83.46	1.90		
19	260	73.16	2.2		
20	243	68.38	2.3		
24	210	59.10	2.7		
13	371	104.33	1.01	FA 47	4
16	315	88.65	1.19	FAF47	4
18	281	79.15	1.34	F 47	4
21	240	67.61	1.57	FF 47	4
0.55kW					
21	230	64.89	1.63	FA 47	4
25	199	56.09	1.89	FAF47	4
29	169	47.66	2.2	F 47	4
33	151	42.55	2.5	FF 47	4
24	207	58.32	0.91		
25	194	54.54	0.97		
27	184	51.70	1.02		
30	167	47.02	1.13		
32	156	43.83	1.21		
36	136	38.31	1.38		
39	128	35.91	1.47		
44	113	31.69	1.67		
49	100	28.09	1.88		
58	85	23.88	2.2		
59	84	23.63	2.2		
68	73	20.57	2.6	FA 37	4
72	68	19.27	2.7	FAF37	4
82	60	17.03	3.1	F 37	4
97	51	14.33	3.7	FF 37	4
108	46	12.87	4.1		
125	39	11.08	4.5		
133	37	10.42	4.7		
155	32	8.97	5.1		
174	28	8.01	5.2		
185	27	7.51	5.4		
204	24	6.81	5.6		
227	22	6.11	5.8		
264	19	5.27	6.3		
281	18	4.95	6.4		
326	15	4.26	6.8		
365	14	3.81	7.3		
0.75kW					
0.50	12731	2776	1.33	FA 157R97	4
0.57	11130	2427	1.52	FAF157R97	4
0.83	7677	1674	2.2	F 157R97	4
1.1	5999	1308	2.8	FF 157R97	4
1.2	5361	1169	3.2		
0.47	13699	2987	0.82		
0.52	12350	2693	0.91	FA 127R77	4
0.59	10896	2376	1.04	FAF127R77	4
0.68	9420	2054	1.20	F 127R77	4
0.77	8246	1798	1.37	FF 127R77	4
0.86	7425	1619	1.52		
0.76	8374	1826	0.88		
0.88	7241	1597	1.02		
0.99	6425	1401	1.15	FA 107R77	4
1.1	5700	1243	1.29	FAF107R77	4
1.3	4985	1087	1.48	F 107R77	4
1.5	4357	950	1.69	FF 107R77	4
1.7	3825	834	1.93		
2.2	2875	627	2.6		
3.3	1958	427	3.8		
1.3	4733	1032	0.85		
1.5	4160	907	0.97		
1.7	3651	796	1.1	FA 97R57	4
2.0	3210	700	1.3	FAF97R57	4
2.3	2802	611	1.4	F 97R57	4
2.6	2449	534	1.7	FF 97R57	4
2.9	2165	472	1.9		
3.4	1880	410	2.1		
3.8	1683	367	2.4		

F





F

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 <sub>B</sub>	机 型 号 Type Type	极 数 Pole p
0.75kW					
2.1	3091	674	0.91	FA 87R57	4
2.3	2793	609	1.01	FAF87R57	4
2.7	2362	515	1.19	F 87R57	4
3.1	2073	452	1.36	FF 87R57	4
4.0	1582	345	1.78		
3.9	1637	357	0.86	FA 77R37	4
4.4	1440	314	0.98	FAF77R37	4
5.1	1247	272	1.13	F 77R37	4
				FF 77R37	4
2.7	2519	255.25	2.9	FA 107	8
				FAF107	8
				F 107	8
				FF 107	8
2.5	2739	276.64	1.5	FA 97	8
2.7	2523	254.79	1.6	FAF97	8
3.0	2241	226.34	1.8	F 97	8
				FF 97	8
3.3	2047	276.64	2.0	FA 97	6
3.6	1885	254.79	2.1	FAF97	6
4.0	1675	226.34	2.4	F 97	6
				FF 97	6
3.3	2012	271.92	1.40	FA 87	6
3.6	1886	254.93	1.50	FAF87	6
4.0	1691	228.57	1.67	F 87	6
4.6	1456	196.85	1.94	FF 87	6
5.1	1324	178.95	2.1		
5.7	1181	159.61	2.4		
5.1	1317	271.92	2.1	FA 87	4
5.4	1235	254.93	2.3	FAF87	4
6.1	1107	228.57	2.5	F 87	4
				FF 87	4
4.6	1467	198.31	0.96	FA 77	6
4.8	1394	188.40	1.01	FAF77	6
5.5	1232	166.47	1.14	F 77	6
6.4	1053	142.27	1.34	FF 77	6
7.0	965	130.42	1.46		
6.2	1094	225.79	1.29		
7.0	961	198.31	1.47	FA 77	4
7.4	913	188.40	1.55	FAF77	4
8.3	806	166.47	1.75	F 77	4
9.8	689	142.27	2.0	FF 77	4
11	632	130.42	2.2		
12	554	114.45	2.5		
13	525	108.46	2.7		
8.1	828	170.85	0.93		
8.6	786	162.31	0.98	FA 67	4
9.8	690	142.40	1.12	FAF67	4
12	585	120.79	1.32	F 67	4
13	528	109.04	1.46	FF 67	4
14	465	95.94	1.66		
15	439	90.59	1.76		
18	378	77.97	2.0		
21	320	66.13	2.4		
23	289	59.70	2.7		
11	616	127.27	0.91	FA 57	4
13	533	110.01	1.06	FAF57	4
15	453	93.47	1.25	F 57	4
17	404	83.46	1.40	FF 57	4
0.75kW					
19	354	73.16	1.59	FA 57	4
20	331	68.38	1.70	FAF57	4
24	286	59.10	1.97	F 57	4
28	243	50.22	2.3	FF 57	4
31	217	44.84	2.6		
17	386	79.72	0.97		
20	330	68.09	1.14		
21	317	65.36	1.19	FA 47	4
25	272	56.09	1.38	FAF47	4
29	231	47.66	1.63	F 47	4
33	206	42.55	1.82	FF 47	4
38	176	36.34	2.1		
41	165	34.04	2.3		
48	139	28.67	2.7		
30	228	47.02	0.83		
32	212	43.83	0.89		
36	186	38.31	1.01		
39	174	35.91	1.08		
44	153	31.69	1.22		
49	136	28.09	1.38		
58	116	23.88	1.63		
59	114	23.63	1.6		
68	100	20.57	1.9		
72	93	19.27	2.0	FA 37	4
82	82	17.03	2.3	FAF37	4
97	69	14.33	2.7	F 37	4
108	62	12.87	3.0	FF 37	4
125	54	11.08	3.3		
133	50	10.42	3.4		
155	43	8.97	3.8		
204	33	6.81	4.0		
227	30	6.11	4.3		
264	26	5.27	4.6		
281	24	4.95	4.7		
326	21	4.26	5.0		
365	18	3.81	5.3		
1.1kW					
0.50	18539	2776	0.91		
0.58	16208	2427	1.04		
0.64	14592	2185	1.16		
0.72	12982	1944	1.30	FA 157R97	4
0.84	11179	1674	1.51	FAF157R97	4
1.1	8735	1308	1.94	F 157R97	4
1.2	7807	1169	2.2	FF 157R97	4
1.5	6364	953	2.7		
1.7	5643	845	3.0		
3.1	2978	446	5.7		
4.7	2010	301	8.4		
0.68	13717	2054	0.82		
0.78	12007	1798	0.94	FA 127R77	4
0.86	10812	1619	1.04	FAF127R77	4
1.0	9356	1401	1.21	F 127R77	4
1.1	8214	1230	1.37	FF 127R77	4
1.3	7246	1085	1.56		
1.1	8301	1243	0.89		
1.3	7259	1087	1.02	FA 107R77	4
1.5	6344	950	1.16	FAF107R77	4
1.7	5570	834	1.32	F 107R77	4
1.9	4915	736	1.50	FF 107R77	4
2.2	4274	640	1.72		

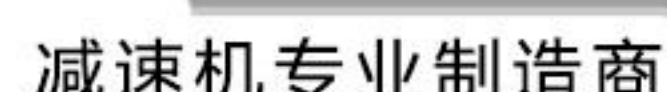




输出转速 Output speed r/min	输出扭矩 Output torque Nm	传动比 Ratio i	使用系数 Service factor f <sub>B</sub>	机 型 号 Type Type	极 数 Pole p
1.1kW					
2.0	4675	700	0.86		
2.3	4080	611	0.99	FA 97R57	4
2.6	3566	534	1.13	FAF97R57	4
3.0	3152	472	1.28	F 97R57	4
3.4	2738	410	1.48	FF 97R57	4
3.8	2451	367	1.65		
3.1	3019	452	0.93	FA 87R57	4
4.1	2304	345	1.22	FAF87R57	4
4.7	2003	300	1.41	F 87R57	4
5.6	1663	249	1.70	FF 87R57	4
2.7	3707	255.25	1.95	FA 107	8
3.2	3123	215.04	2.3	FAF107	8
3.4	2894	199.31	2.5	F 107	8
3.8	2594	178.64	2.8	FF 107	8
3.3	3002	276.64	1.35	FA 97	6
3.6	2765	254.79	1.46	FAF97	6
4.0	2456	226.34	1.65	F 97	6
4.8	2045	188.50	2.0	FF 97	6
5.2	1908	175.83	2.1		
5.1	1951	276.64	2.1	FA 97	4
5.5	1797	254.79	2.2	FAF97	4
6.2	1596	226.34	2.5	F 97	4
				FF 97	4
3.3	2951	271.92	0.96		
3.6	2766	254.93	1.02	FA 87	6
4.0	2480	228.57	1.14	FAF87	6
4.6	2136	196.85	1.32	F 87	6
5.1	1942	178.95	1.45	FF 87	6
5.7	1732	159.61	1.63		
5.2	1911	271.92	1.48		
5.5	1798	254.93	1.57	FA 87	4
6.1	1612	228.57	1.75	FAF87	4
7.1	1388	196.85	2.0	F 87	4
7.8	1262	178.95	2.2	FF 87	4
8.8	1126	159.61	2.5		
10	946	134.16	3.0		
11	870	123.29	3.2		
7.1	1399	198.31	1.01		
7.4	1329	188.40	1.06		
8.4	1174	166.47	1.20	FA 77	4
9.8	1003	142.27	1.41	FAF77	4
11	920	130.42	1.53	F 77	4
12	807	114.45	1.75	FF 77	4
13	765	108.46	1.84		
15	670	94.93	2.1		
16	603	85.52	2.3		
19	529	75.02	2.7		
12	853	120.79	0.9		
13	769	109.04	1.0		
15	677	95.94	1.1		
16	639	90.59	1.2	FA 67	4
18	550	77.97	1.4	FAF67	4
21	466	66.13	1.7	F 67	4
23	421	59.70	1.8	FF 67	4
27	371	52.53	2.1		
28	350	49.60	2.2		
33	298	42.23	2.6		
36	271	38.38	2.7		
42	234	33.24	3.0		
1.1kW					
17	589	83.46	0.96		
19	516	73.16	1.09		
20	482	68.38	1.17	FA 57	4
24	417	59.10	1.35	FAF57	4
28	354	50.22	1.59	F 57	4
31	316	44.84	1.78	FF 57	4
37	270	38.30	2.1		
39	253	35.87	2.2		
46	213	30.22	2.6		
25	396	56.09	0.95		
29	336	47.66	1.12		
33	300	42.55	1.25		
39	256	36.34	1.47	FA 47	4
41	240	34.04	1.57	FAF47	4
46	216	30.64	1.74	F 47	4
48	205	29.11	1.83	FF 47	4
49	202	28.67	1.86		
55	180	25.54	2.1		
65	153	21.66	2.5		
72	138	19.56	2.7		
44	224	31.69	0.84		
50	198	28.09	0.95		
59	168	23.88	1.12		
68	145	20.57	1.30		
73	136	19.27	1.38		
82	120	17.03	1.57		
98	101	14.33	1.86		
109	91	12.87	2.1	FA 37	4
126	78	11.08	2.3	FAF37	4
134	73	10.42	2.4	F 37	4
156	63	8.97	2.6	FF 37	4
175	56	8.01	2.7		
206	48	6.81	2.8		
229	43	6.11	2.9		
266	37	5.27	3.2		
283	35	4.95	3.2		
329	30	4.26	3.4		
367	27	3.81	3.7		
1.5kW					
0.58	22102	2427	0.77		
0.64	19898	2185	0.85		
0.72	17703	1944	0.96		
0.84	15244	1674	1.11	FA 157R97	4
1.1	11911	1308	1.42	FAF157R97	4
1.2	10646	1169	1.59	F 157R97	4
1.5	8679	953	1.95	FF 157R97	4
1.7	7695	845	2.2		
3.1	4062	446	4.2		
4.7	2741	301	6.2		
0.86	14744	1619	0.77		
1.0	12758	1401	0.88	FA 127R77	4
1.1	11201	1230	1.01	FAF127R77	4
1.3	9881	1085	1.14	F 127R77	4
1.5	8533	937	1.32	FF 127R77	4
1.7	7531	827	1.50		
1.9	6675	733	1.69		
2.2	5828	640	1.94		
1.5	8651	950	0.83	FA 107R77	4
1.7	7595	834	0.95	FAF107R77	4
1.9	6702	736	1.08	F 107R77	4
2.2	5710	627	1.26	FF 107R77	4

F





## 选型参数表 Selection Table



2.2kW





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 <sub>B</sub>	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 <sub>B</sub>	机 型 号 Type Type	极 数 Pole p
2.2kW						2.2kW					
2.22	8428	640	1.34	FA 127R77	4	26	767	55.12	1.84		
2.62	7137	542	1.58	FAF127R77	4	29	671	48.24	2.1	FA 77	4
2.90	6439	489	1.75	F 127R77	4	33	604	43.46	2.1	FAF77	4
3.36	5570	428	2.0	FF 127R77	4	39	509	36.52	2.3	F 77	4
						45	438	31.45	3.0	FF 77	4
						49	400	28.59	3.4		
						56	355	25.50	4.0		
2.3	8256	627	0.89			24	830	59.70	0.93		
2.5	7374	560	1.00	FA 107R77	4	27	731	52.53	1.06		
2.9	6439	489	1.14	FAF107R77	4	29	690	49.60	1.12		
3.3	5623	427	1.31	F 107R77	4	34	587	42.23	1.31		
3.9	4767	362	1.55	FF 107R77	4	37	534	38.38	1.37	FA 67	4
4.3	4306	327	1.71			43	462	33.24	1.50	FAF67	4
						44	446	32.08	1.73	F 67	4
						52	381	27.41	2.0	FF 67	4
3.9	4833	367	0.84	FA 97R57	4	57	350	25.13	2.2		
4.9	3792	288	1.07	FAF97R57	4	64	307	22.05	2.5		
5.7	3253	247	1.24	F 97R57	4	68	291	20.90	2.7		
				FF 97R57	4	78	254	18.29	3.0		
2.8	7100	255.25	1.02	FA 107	8	32	624	44.84	0.90		
3.3	5982	215.04	1.21	FAF107	8	37	533	38.30	1.06		
3.6	5544	199.31	1.30	F 107	8	40	499	35.87	1.13		
4.0	4969	178.64	1.45	FF 107	8	47	420	30.22	1.32	FA 57	4
						57	347	24.96	1.56	FAF57	4
3.7	5363	255.25	1.35	FA 107	6	67	294	21.17	1.92	F 57	4
4.4	4518	215.04	1.60	FAF107	6	74	266	19.11	2.1	FF 57	4
4.7	4188	199.31	1.72	F 107	6	84	234	16.81	2.4		
5.3	3753	178.64	1.92	FF 107	6	89	221	15.88	2.6		
5.6	3550	255.25	2.0	FA 107	4	56	355	25.54	1.06		
6.6	2991	215.04	2.4	FAF107	4	66	301	21.66	1.25		
7.1	2772	199.31	2.6	F 107	4	73	272	19.56	1.38		
7.9	2485	178.64	2.9	FF 107	4	83	239	17.21	1.57	FA 47	4
						87	226	16.25	1.66	FAF47	4
4.2	4755	226.34	0.85	FA 97	6	103	192	13.83	1.95	F 47	4
5.0	3960	188.50	1.02	FAF97	6	113	175	12.57	2.2	FF 47	4
5.3	3694	175.83	1.09	F 97	6	130	151	10.89	2.5		
6.0	3302	157.16	1.22	FF 97	6	156	126	9.08	2.5		
5.1	3848	276.64	1.05			99	199	14.33	0.94		
5.6	3544	254.79	1.14			110	179	12.87	1.05		
6.3	3148	226.34	1.28	FA 97	4	128	154	11.08	1.16		
7.5	2622	188.50	1.54	FAF97	4	136	145	10.42	1.20		
8.1	2445	175.83	1.65	F 97	4	158	125	8.97	1.32	FA 37	4
9.0	2186	157.16	1.85	FF 97	4	177	111	8.01	1.39	FAF37	4
10	1968	141.47	2.1			209	95	6.81	1.43	F 37	4
11	1782	128.12	2.3			232	85	6.11	1.49	FF 37	4
						269	73	5.27	1.60		
7.2	2738	196.85	1.03			287	69	4.95	1.64		
7.9	2489	178.95	1.13			333	59	4.26	1.75		
8.9	2220	159.61	1.27			373	53	3.81	1.86		
11	1866	134.16	1.51								
12	1715	123.29	1.64	FA 87	4						
13	1523	109.49	1.85	FAF87	4						
15	1361	97.89	2.1	F 87	4						
16	1224	88.01	2.3	FF 87	4						
19	1062	76.39	2.7								
21	951	68.40	3.0								
25	789	56.75	3.6								
28	699	50.29	4.0								
31	629	45.22	4.2								
12	1592	114.45	0.89			3kW					
13	1508	108.46	0.93			1.2	20991	1169	0.81		
15	1320	94.93	1.07	FA 77	4	1.5	17113	953	0.99		
17	1189	85.52	1.19	FAF77	4	1.7	15173	845	1.12	FA 157R97	4
19	1043	75.02	1.35	F 77	4	1.9	13719	764	1.23	FAF157R97	4
21	922	66.28	1.53	FF 77	4	2.1	12211	680	1.39	F 157R97	4
24	809	58.16	1.74			2.5	10343	576	1.64	FF 157R97	4
						3.2	8009	446	2.1		
						4.7	5405	304	3.1		
						5.2	4884	272	3.5		
						6.1	4148	231	4.1		
						7.2	3520	196	4.8		

F





F

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 <sub>B</sub>	机 型 号 Type Type	极 数 Pole p
3kW					
1.9	13162	733	0.86	FA 127R77	4
2.2	11492	640	0.98	FAF127R77	4
2.6	9733	542	1.16	F 127R77	4
2.9	8781	489	1.28	FF 127R77	4
3.3	7668	427	0.96	FA 107R77	4
3.9	6500	362	1.13	FAF107R77	4
4.3	5872	327	1.26	F 107R77	4
5.0	5118	285	1.44	FF 107R77	4
3.8	7161	255.25	1.03	FA 107	6
4.5	6033	215.04	1.22	FAF107	6
4.8	5591	199.31	1.32	F 107	6
5.4	5011	178.64	1.47	FF 107	6
5.6	4841	255.25	1.52	FA 107	4
6.6	4078	215.04	1.81	FAF107	4
7.1	3780	199.31	1.95	F 107	4
7.9	3388	178.64	2.2	FF 107	4
8.8	3059	161.28	2.4		
6.3	4293	226.34	0.94		
7.5	3575	188.50	1.13		
8.1	3335	175.83	1.21	FA 97	4
9.0	2981	157.16	1.36	FAF97	4
10	2683	141.47	1.51	F 97	4
11	2430	128.12	1.66	FF 97	4
12	2155	113.61	1.88		
14	1948	102.72	2.1		
16	1721	90.77	2.3		
11	2544	134.16	1.11		
12	2338	123.29	1.21		
13	2077	109.49	1.36		
15	1857	97.89	1.52	FA 87	4
16	1669	88.01	1.69	FAF87	4
19	1449	76.39	1.9	F 87	4
21	1297	68.40	2.2	FF 87	4
25	1076	56.75	2.6		
28	954	50.29	2.9		
17	1622	85.52	0.87		
19	1423	75.02	0.99		
21	1257	66.28	1.12		
24	1103	58.16	1.28		
26	1045	55.12	1.35	FA 77	4
29	915	48.24	1.5	FAF77	4
33	824	43.46	1.54	F 77	4
37	723	38.12	1.71	FF 77	4
39	694	36.52	1.95		
45	598	31.45	2.2		
49	545	28.59	2.5		
56	484	25.50	2.9		
66	406	21.43	3.5		
33	819	43.20	0.94		
36	745	39.26	0.98		
42	645	34.01	1.08		
44	608	32.08	1.27	FA 67	4
52	520	27.41	1.48	FAF67	4
57	477	25.13	1.62	F 67	4
64	418	22.05	1.84	FF 67	4
68	396	20.90	1.94		
78	347	18.29	2.2		
86	313	16.48	2.5		
98	274	14.46	2.8		
3kW					
57	473	24.96	1.19		
67	401	21.17	1.40		
74	362	19.11	1.56	FA 57	4
84	319	16.81	1.77	FAF57	4
89	301	15.88	1.87	F 57	4
105	256	13.52	2.2	FF 57	4
116	233	12.29	2.4		
133	202	10.64	2.8		
73	371	19.56	1.01		
83	326	17.21	1.15	FA 47	4
87	308	16.25	1.22	FAF47	4
103	262	13.83	1.43	F 47	4
113	238	12.57	1.58	FF 47	4
130	207	10.89	1.80		
156	172	9.08	1.82		
128	210	11.08	0.85		
136	198	10.42	0.88		
158	170	8.97	0.97	FA 37	4
177	152	8.01	1.02	FAF37	4
209	129	6.81	1.05	F 37	4
232	116	6.11	1.10	FF 37	4
269	100	5.27	1.18		
287	94	4.95	1.20		
333	81	4.26	1.28		
373	72	3.81	1.37		
4kW					
1.7	19950	845	0.85		
1.9	18038	764	0.94		
2.1	16055	680	1.05	FA 157R97	4
2.5	13599	576	1.24	FAF157R97	4
3.2	10530	446	1.61	F 157R97	4
4.8	7107	304	2.4	FF 157R97	4
5.3	6422	272	2.6		
6.2	5454	231	3.1		
7.3	4628	196	3.7		
2.7	12796	542	0.88	FA 127R77	4
2.9	11545	489	0.98	FAF127R77	4
3.4	9987	423	1.13	F 127R77	4
3.9	8759	371	1.29	FF 127R77	4
4.4	7720	327	0.94	FA 107R77	4
5.1	6729	285	1.07	FAF107R77	4
6.5	5218	221	1.38	F 107R77	4
				FF 107R77	4
4.2	8594	172.33	1.31	FA 127	8
4.6	7721	154.81	1.46	FAF127	8
5.7	6269	125.71	1.80	F 127	8
				FF 127	8
5.6	6365	255.25	1.16		
6.7	5363	215.04	1.37	FA 107	4
7.2	4970	199.31	1.48	FAF107	4
8.1	4455	178.64	1.65	F 107	4
8.9	4022	161.28	1.83	FF 107	4
9.8	3653	146.49	2.02		
11	3241	129.97	2.3		
12	2941	117.94	2.5		
14	2528	101.38	2.9		





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 <sub>B</sub>	Type	p	r/min	Nm	i	f <sub>B</sub>	Type	p
4kW						5.5kW					
8.2	4385	175.83	0.92			2.5	18699	576	0.90		
9.2	3919	157.16	1.03			2.9	16329	503	1.04		
10	3528	141.47	1.15			3.2	14479	446	1.17	FA 157R97	4
11	3195	128.12	1.27			4.1	11460	353	1.48	FAF157R97	4
13	2833	113.61	1.43	FA 97	4	4.8	9771	301	1.73	F 157R97	4
14	2561	102.72	1.58	FAF97	4	5.3	8830	272	1.92	FF 157R97	4
15	2427	97.31	1.67	F 97	4	6.2	7499	231	2.3		
16	2263	90.77	1.79	FF 97	4	7.1	6558	202	2.6		
18	2023	81.13	2.0			7.3	6363	196	2.7		
20	1821	73.03	2.2								
22	1649	66.14	2.5			3.5	13537	417	0.83		
						3.9	12109	373	0.93	FA 127R87	4
13	2730	109.49	1.03			4.6	10129	312	1.11	FAF127R87	4
15	2441	97.89	1.16			4.9	9512	293	1.19	F 127R87	4
16	2195	88.01	1.28	FA 87	4	5.5	8505	262	1.33	FF 127R87	4
19	1905	76.39	1.48	FAF87	4	6.4	7337	226	1.54		
21	1706	68.40	1.65	F 87	4						
25	1415	56.75	1.99	FF 87	4	3.4	13732	423	0.82	FA 127R77	4
29	1254	50.29	2.2			3.9	12044	371	0.94	FAF127R77	4
32	1128	45.22	2.5							F 127R77	4
										FF 127R77	4
22	1653	66.28	0.85			2.7	18293	266.76	0.92		
25	1450	58.16	0.97			3.3	14977	218.40	1.1		
26	1374	55.12	1.03			4.0	12149	177.17	1.4		
30	1203	48.24	1.17			4.4	11269	164.33	1.5	FA 157	8
33	1084	43.46	1.30			5.1	9724	141.80	1.7	FAF157	8
38	951	38.12	1.48	FA 77	4	5.8	8581	125.14	2.0	F 157	8
43	839	33.64	1.68	FAF77	4	6.6	7440	108.49	2.3	FF 157	8
48	744	29.82	1.90	F 77	4	7.5	6619	96.53	2.6		
50	717	28.59	1.97	FF 77	4	8.3	5959	86.90	2.8		
56	636	25.50	2.2			9.1	5450	79.47	3.1		
57	635	25.47	2.2			10	4742	69.15	3.6		
67	534	21.43	2.6			4.2	11817	172.33	0.95	FA 127	8
73	491	19.70	2.9			4.7	10616	154.81	1.06	FAF127	8
						5.7	8620	125.71	1.31	F 127	8
53	683	27.41	1.13			6.2	7555	116.00	1.42	FF 127	8
57	627	25.13	1.23								
65	550	22.05	1.40			6.7	7373	215.04	0.98		
69	521	20.90	1.48			7.2	6834	199.31	1.06	FA 107	4
79	456	18.29	1.69			8.1	6125	178.64	1.18	FAF107	4
87	411	16.48	1.88			8.9	5530	161.28	1.31	F 107	4
100	361	14.46	2.1	FA 67	4	9.8	5023	146.49	1.44	FF 107	4
113	318	12.76	2.4	FAF67	4	11	4456	129.97	1.62		
127	282	11.31	2.7	F 67	4						
149	241	9.66	3.2	FF 67	4	12	4044	117.94	1.79	FA 107	4
150	240	9.61	2.1			14	3476	101.38	2.1	FAF107	4
158	227	9.11	2.4			16	3171	92.47	2.3	F 107	4
181	199	7.97	2.9			16	3034	88.49	2.4	FF 107	4
201	179	7.18	3.3			17	2880	83.99	2.5		
229	157	6.30	3.6								
259	139	5.56	4.0			11	4393	128.12	0.92		
292	123	4.93	4.3			13	3895	113.61	1.04		
342	105	4.21	4.5			14	3522	102.72	1.15		
						15	3336	97.31	1.21		
68	528	21.17	1.07			16	3112	90.77	1.30	FA 97	4
75	477	19.11	1.18			17	2985	87.06	1.35	FAF97	4
86	419	16.81	1.35			18	2782	81.13	1.45	F 97	4
91	396	15.88	1.42			19	2620	76.40	1.54	FF 97	4
107	337	13.52	1.67			21	2504	73.03	1.68		
117	306	12.29	1.84	FA 57	4	22	2268	66.14	1.78		
135	265	10.64	2.1	FAF57	4	25	2011	58.65	2.0		
155	232	9.31	1.70	F 57	4	27	1818	53.03	2.2		
176	204	8.19	1.93	FF 57	4						
186	193	7.73	2.0			16	3018	88.01	0.93	FA 87	4
219	164	6.58	2.4			19	2619	76.39	1.08	FAF87	4
241	149	5.98	2.6			21	2345	68.40	1.20	F 87	4
278	129	5.18	3.0			25	1946	56.75	1.45	FF 87	4

F





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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 <sub>B</sub>	Type	p	r/min	Nm	i	f <sub>B</sub>	Type	p
5.5kW						7.5kW					
29	1724	50.29	1.64	FA 87 FAF87 F 87 FF 87	4	8.4	8023	85.80	2.1	FA 157 FAF157 F 157 FF 157	8
32	1550	45.22	1.82			9.2	7337	78.46	2.3		
37	1346	39.25	2.1			10.5	6385	68.28	2.7		
41	1205	35.14	2.3			12	5634	60.25	3.0		
49	1000	29.16	2.8			13.8	4885	52.24	3.5		
42	1170	34.11	2.1			15.5	4346	46.48	3.9		
51	974	28.41	2.4			18	3746	40.06	4.5		
54	909	26.50	3.1								
61	812	23.68	3.5								
30	1654	48.24	0.85	FA 77 FAF77 F 77 FF 77	4	3.6	18709	266.76	0.90	FA 157 FAF157 F 157 FF 157	6
33	1490	43.46	0.95			4.4	15317	218.40	1.11		
38	1307	38.12	1.08			5.4	12425	177.17	1.36		
43	1153	33.64	1.22			5.8	11525	164.33	1.47		
48	1022	29.82	1.38			6.8	9945	141.80	1.70		
56	874	25.50	1.61			7.7	8776	125.14	1.93		
57	873	25.47	1.61			8.8	7609	108.49	2.2		
67	735	21.43	1.92			9.9	6770	96.53	2.5		
73	675	19.70	2.1			11	6095	86.90	2.8		
82	600	17.49	2.4			12	5573	79.47	3.0		
92	536	15.64	2.6			14	4850	69.15	3.5		
102	482	14.06	2.9			16	4280	61.02	4.0		
118	418	12.20	3.4			18	3711	52.91	4.6		
65	756	22.05	1.02	FA 67 FAF67 F 67 FF 67	4	5.7	11816	126.36	0.95	FA 127	8
69	717	20.9	1.08			6.2	10776	115.24	1.05	FAF127	8
79	627	18.29	1.23			7.2	9326	99.73	1.21	F 127	8
87	565	16.48	1.36			8.2	8229	88.00	1.37	FF 127	8
100	496	14.46	1.50			5.6	12086	172.33	0.93	FA 127	6
113	438	12.76	1.55			6.2	10857	154.81	1.04	FAF127	6
127	388	11.31	1.70			7.6	8816	125.71	1.28	F 127	6
149	331	9.66	1.76			8.3	8135	116.00	1.39	FF 127	6
150	329	9.61	2.0			8.5	7947	172.33	1.42	FA 127	4
158	312	9.11	2.1			9.4	7139	154.81	1.58	FAF127	4
181	273	7.97	2.3			12	5797	125.71	1.95	F 127	4
201	246	7.18	2.4							FF 127	4
229	216	6.30	2.7			8.2	8238	178.64	0.88	FA 107 FAF107 F 107 FF 107	4
259	191	5.56	2.9			9.1	7437	161.28	0.97		
292	169	4.93	3.1			10	6755	146.49	1.07		
342	144	4.21	3.3			11	5994	129.97	1.20		
86	576	16.81	0.98	12	5439	117.94	1.33				
91	544	15.88	1.04	14	4675	101.38	1.54				
107	464	13.52	1.22	16	4264	92.47	1.69				
117	421	12.29	1.34	16	4081	88.49	1.77				
135	365	10.64	1.55	17	3873	83.99	1.86	FA 97 FAF97 F 97 FF 97	4		
176	281	8.19	1.41	20	3436	74.52	2.1				
186	265	7.73	1.49	22	3118	67.62	2.3				
219	226	6.58	1.75								
241	205	5.98	1.93	15	4487	97.31	0.90				
278	178	5.18	2.2	16	4186	90.77	0.97				
7.5kW						17	4015			87.06	1.01
4.6	13812	312	0.82	FA 127R87	4	18	3741			81.13	1.08
4.9	12971	293	0.87	FAF127R87	4	19	3523	76.40	1.15		
5.5	11598	262	0.97	F 127R87	4	21	3229	70.03	1.25		
6.4	10005	226	1.13	FF 127R87	4	22	3050	66.14	1.33		
7.2	8854	200	1.27			25	2705	58.65	1.49		
3.3	20350	217.62	0.83	FA 157 FAF157 F 157 FF 157	8	28	2445	53.03	1.65		
4.0	16664	178.20	1.02			32	2072	44.94	1.95		
4.4	15238	162.96	1.11			33	2023	43.87	2.0		
5.1	13260	141.80	1.28			37	1810	39.26	2.2		
5.8	11702	125.14	1.45			40	1704	36.96	2.4		
6.6	10145	108.49	1.67			43	1580	34.26	2.6		
7.5	9027	96.53	1.87			44	1514	32.83	2.7		
						48	1416	30.70	2.9		





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 <sub>B</sub>	机 型 号 Type Type	极 数 Pole p
7.5kW					
26	2617	56.75	1.08		
29	2319	50.29	1.19		
32	2085	45.22	1.27		
37	1810	39.25	1.41		
42	1620	35.14	1.51		
50	1345	29.16	1.75	FA 87	4
51	1327	28.41	1.74	FAF87	4
55	1222	26.50	2.3	F 87	4
62	1092	23.68	2.6	FF 87	4
68	983	21.32	2.9		
76	890	19.31	3.2		
85	789	17.12	3.6		
94	714	15.48	4.0		
43	1551	33.64	0.91		
49	1375	29.82	1.03		
57	1176	25.50	1.16		
57	1175	25.47	1.20		
68	988	21.43	1.43		
74	908	19.70	1.55		
83	807	17.49	1.75		
93	721	15.64	1.95	FA 77	4
104	648	14.06	2.2	FAF77	4
120	563	12.20	2.5	F 77	4
134	504	10.93	2.8	FF 77	4
156	431	9.35	2.4		
176	383	8.30	2.7		
197	342	7.42	3.0		
219	308	6.67	3.3		
252	267	5.79	3.8		
281	239	5.19	4.2		
340	198	4.30	4.8		
11kW					
4.9	19275	301	0.88	FA 157R97	4
5.4	17418	272	0.97	FAF157R97	4
6.3	14793	231	1.14	F 157R97	4
7.2	12936	202	1.31	FF 157R97	4
7.4	12551	196	1.35		
6.5	14472	226	0.78	FA 127R87	4
7.3	12807	200	0.88	FAF127R87	4
8.7	10758	168	1.05	F 127R87	4
				FF 127R87	4
5.1	19181	141.80	0.88	FA 157	8
5.8	16928	125.14	1.00	FAF157	8
6.7	14675	108.49	1.15	F 157	8
7.6	13058	96.53	1.30	FF 157	8
5.5	18036	177.17	0.94		
5.9	16729	164.33	1.01		
6.8	14435	141.80	1.17	FA 157	6
7.8	12739	125.14	1.33	FAF157	6
8.9	11044	108.49	1.53	F 157	6
10	9827	96.53	1.72	FF 157	6
11	8847	86.90	1.91		
12	8090	79.47	2.1		
5.5	18042	266.76	0.94		
6.7	14776	218.46	1.15	FA 157	4
8.2	12053	177.17	1.40	FAF157	4
8.9	11114	164.33	1.52	F 157	4
10	9591	141.80	1.76	FF 157	4
12	8464	125.14	2.0		
13	7338	108.49	2.3		
11kW					
15	6529	96.53	2.6	FA 157	4
17	5877	86.90	2.9	FAF157	4
18	5375	79.47	3.1	F 157	4
21	4677	69.15	3.6	FF 157	4
7.7	12864	125.71	0.88	FA 127	6
8.4	11732	116.00	0.96	FAF127	6
10	10153	99.73	1.11	F 127	6
11	8958	88.00	1.26	FF 127	6
13	7737	76.00	1.46		
8.5	11656	172.33	0.97		
9.4	10471	154.81	1.08	FA 127	4
12	8502	125.71	1.33	FAF127	4
13	7846	116.00	1.44	F 127	4
15	6745	99.73	1.67	FF 127	4
17	5952	88.00	1.90		
19	5140	76.00	2.2		
12	7977	117.94	0.91		
14	6857	101.38	1.05		
16	6254	92.47	1.15		
17	5681	83.99	1.27		
20	5040	74.52	1.43	FA 107	4
22	4573	67.62	1.58	FAF107	4
25	3931	58.12	1.84	F 107	4
29	3431	50.73	2.1	FF 107	4
34	2910	43.03	2.5		
43	2285	33.78	3.2		
53	1855	27.43	3.9		
58	1712	25.31	4.2		
22	4473	66.14	0.90		
25	3967	58.65	1.02		
28	3587	53.03	1.13		
32	3040	44.94	1.33		
37	2655	39.26	1.52	FA 97	4
43	2317	34.26	1.74	FAF97	4
44	2220	32.83	1.82	F 97	4
48	2076	30.70	1.95	FF 97	4
53	1875	27.72	2.2		
58	1703	25.18	2.4		
65	1511	22.34	2.7		
37	2655	39.25	0.96		
42	2377	35.14	1.03		
50	1972	29.16	1.20		
55	1792	26.50	1.57	FA 87	4
62	1602	23.68	1.76	FAF87	4
68	1442	21.32	1.96	F 87	4
76	1306	19.31	2.16	FF 87	4
85	1158	17.12	2.4		
94	1047	15.48	2.7		
111	887	13.12	3.2		
74	1332	19.70	1.06		
83	1183	17.49	1.19		
93	1058	15.64	1.33		
104	951	14.06	1.48		
120	825	12.20	1.61	FA 77	4
134	739	10.93	1.71	FAF77	4
156	632	9.35	1.81	F 77	4
176	561	8.30	1.91	FF 77	4
197	502	7.42	2.0		
219	451	6.67	2.3		
252	392	5.79	2.6		
281	351	5.19	2.9		
340	291	4.30	3.3		

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减速机专业制造商

选型参数表  
Selection Table



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
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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 <sub>B</sub>	Type	p	r/min	Nm	i	f <sub>B</sub>	Type	p
18.5kW						22kW					
69	2409	21.32	1.17			112	1763	13.12	1.27		
76	2182	19.31	1.29			128	1540	11.46	1.43		
86	1934	17.12	1.46			153	1287	9.58	1.58	FA 87	4
95	1749	15.48	1.50			174	1137	8.46	1.60	FAF87	4
112	1482	13.12	1.61	FA 87	4	196	1008	7.50	1.70	F 87	4
128	1295	11.46	1.70	FAF87	4	217	911	6.78	1.83	FF 87	4
153	1082	9.58	1.80	F 87	4	256	773	5.75	1.86		
174	956	8.46	1.88	FF 87	4	293	674	5.02	2.1		
196	847	7.50	1.90			350	564	4.20	2.4		
217	766	6.78	2.0			30kW					
256	650	5.75	2.2			14	19876	108.49	0.85		
296	567	5.02	2.5			15	17685	96.53	0.96		
350	474	4.20	2.9			17	15920	86.90	1.06		
22kW						18	14559	79.47	1.16	FA 157	4
10	19654	96.53	0.86	FA 157	6	21	12669	69.15	1.34	FAF157	4
11	17693	86.90	0.96	FAF157	6	24	11179	61.02	1.51	F 157	4
12	16180	79.47	1.05	F 157	6	28	9693	52.91	1.75	FF 157	4
14	14079	69.15	1.20	FF 157	6	31	8623	47.07	2.0		
10	19051	141.80	0.89			36	7433	40.57	2.3		
12	16813	125.14	1.01			19	13924	76.00	0.81		
14	14576	108.49	1.16			21	12938	70.62	0.87		
15	12969	96.53	1.30			23	11800	64.41	0.96		
17	11675	86.90	1.45	FA 157	4	26	10212	55.74	1.10		
18	10677	79.47	1.58	FAF157	4	30	9012	49.19	1.25	FA 127	4
21	9290	69.15	1.82	F 157	4	35	7783	42.48	1.45	FAF127	4
24	8198	61.02	2.1	FF 157	4	39	6883	37.57	1.58	F 127	4
28	7108	52.91	2.4			47	5786	31.58	1.6	FF 127	4
31	6324	47.07	2.7			54	4961	26.92	1.95		
36	5451	40.57	3.1			58	4672	25.50	2.4		
45	4430	32.97	3.8			59	4536	24.97	2.8		
15	13399	99.73	0.84			68	3948	21.55	2.9		
17	11823	88.00	0.95			77	3483	19.01	3.2		
19	10211	76.00	1.10	FA 127	4	34	7883	43.03	0.92		
21	9488	70.62	1.19	FAF127	4	39	6890	37.61	1.05		
23	8653	64.41	1.30	F 127	4	46	5826	31.80	1.24		
26	7489	55.74	1.51	FF 127	4	54	5025	27.43	1.44	FA 107	4
30	6609	49.19	1.71			58	4637	25.31	1.56	FAF107	4
35	5707	42.48	1.98			68	3987	21.76	1.81	F 107	4
25	7808	58.12	0.92			77	3518	19.20	2.1	FF 107	4
29	6816	50.73	1.06			89	3038	16.58	2.4		
34	5781	43.03	1.25			100	2688	14.67	2.7		
39	5053	37.61	1.43	FA 107	4	119	2259	12.33	2.9		
44	4540	33.78	1.59	FAF107	4	148	1825	9.96	3.3		
46	4272	31.08	1.69	F 107	4	66	4093	22.34	0.99		
54	3685	27.43	1.96	FF 107	4	73	3714	20.27	1.09		
58	3400	25.31	2.1			84	3191	17.42	1.27		
68	2923	21.76	2.5			97	2787	15.21	1.31		
77	2580	19.20	2.8			114	2363	12.90	1.44	FA 97	4
53	3724	27.72	1.09			130	2067	11.28	1.45	FAF97	4
58	3383	25.18	1.19			159	1698	9.27	1.67	F 97	4
66	3001	22.34	1.35	FA 97	4	175	1541	8.41	1.83	FF 97	4
73	2723	20.27	1.48	FAF97	4	203	1325	7.23	1.85		
84	2340	17.42	1.73	F 97	4	233	1156	6.31	1.86		
97	2043	15.21	2.0	FF 97	4	275	980	5.35	2.1		
114	1733	12.90	2.3			314	857	4.68	2.2		
130	1515	11.28	2.7								
69	2864	21.32	0.98	FA 87	4						
76	2594	19.31	1.09	FAF87	4						
86	2300	17.12	1.23	F 87	4						
95	2080	15.48	1.36	FF 87	4						

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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 <sub>B</sub>	Type	p	r/min	Nm	i	f <sub>B</sub>	Type	p										
37kW						45kW															
17	19503	86.90	0.87	FA 157 FAF157 F 157 FF 157	4	54	7525	27.57	0.98	FA 107 FAF107 F 107 FF 107	4										
19	17835	79.47	0.95			59	6862	25.14	1.07												
21	15519	69.15	1.09			68	5939	21.76	1.24												
24	13694	61.02	1.24			77	5241	19.2	1.41												
28	11874	52.91	1.42			89	4525	16.58	1.63												
31	10564	47.07	1.60			101	4004	14.67	1.80												
36	9105	40.57	1.86			120	3365	12.33	1.90												
45	7399	32.97	2.3			149	2719	9.96	2.0												
53	6275	27.96	2.7			153	2634	9.65	2.1												
15 27 35 39 47 55 60 69 78 90 101 117 144 169 190	22261 12509 9534 8432 7087 6077 5557 4836 4266 3699 3292 2837 2305 1966 1748	99.19 55.74 42.48 37.57 31.58 26.92 24.97 21.55 19.01 16.48 14.67 12.64 10.27 8.76 7.79	0.51 0.90 1.18 1.31 1.34 1.86 1.45 2.3 2.4 2.8 3.1 3.2 3.3 3.3 3.9	FA 127 FAF127 F 127 FF 127	4 4 4 4	201 239	2012 1692	7.37 6.20	2.3 2.6	55kW											
												24	20357	61.02	0.83						
												28	17651	52.91	0.96						
												31	15703	47.07	1.08						
												36	13534	40.57	1.25						
												45	10999	32.97	1.54						
												53	9328	27.96	1.66						
												58	8484	25.43	1.81						
												67	7393	22.16	2.3						
												75	6595	19.77	2.4						
												88	5621	16.85	3.0						
												39 47 58 69 78 90 101 117 144 169 190 220 271 320	12534 10535 8507 7189 6342 5498 4894 4217 3426 2922 2599 2242 1821 1545	37.57 31.58 25.5 21.55 19.01 16.48 14.67 12.64 10.27 8.76 7.79 6.72 5.46 4.63	0.90 1.07 1.33 1.57 1.63 1.88 2.1 2.2 2.3 2.4 2.6 2.9 3.1 3.7	75kW					
																		31	21413	47.07	0.79
																		36	18456	40.57	0.92
																		45	14999	32.97	1.13
53	12719	27.96	1.22																		
58	11569	25.43	1.33																		
67	10081	22.16	1.68																		
75	8994	19.77	1.78																		
88	7665	16.85	2.2																		
106	6351	13.96	2.5																		
124	5423	11.92	2.8																		
58 69 78 90 101 117 144 169 190 220 271 320	11600 9803 8648 7497 6674 5750 4672 3985 3544 3057 2484 2106	25.50 21.55 19.01 16.48 14.67 12.64 10.27 8.76 7.79 6.72 5.46 4.63	0.97 1.2 1.2 1.4 1.5 1.6 1.6 1.7 1.9 2.2 2.3 2.7																		
						69	9803	21.55	1.2												
						78	8648	19.01	1.2												
						90	7497	16.48	1.4												
						101	6674	14.67	1.5												
						117	5750	12.64	1.6												
						144	4672	10.27	1.6												
						169	3985	8.76	1.7												
						190	3544	7.79	1.9												
						220	3057	6.72	2.2												
						271	2484	5.46	2.3												
						320	2106	4.63	2.7												





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 <sub>B</sub>	Type	p	r/min	Nm	i	f <sub>B</sub>	Type	p
90kW											
45	17998	32.97	0.94								
53	15263	27.96	1.02								
58	13882	25.43	1.11	FA 157	4						
67	12097	22.16	1.40	FAF157	4						
75	10792	19.77	1.48	F 157	4						
88	9198	16.85	1.84	FF 157	4						
106	7621	13.96	2.1								
124	6507	11.92	2.3								
58	13920	25.50	0.81								
69	11764	21.55	0.96								
78	10378	19.01	1.00								
90	8953	16.48	1.15								
101	8008	14.67	1.29	FA 127	4						
117	6900	12.64	1.33	FAF127	4						
144	5606	10.27	1.36	F 127	4						
169	4782	8.76	1.59	FF 127	4						
190	4253	7.79	1.60								
220	3668	6.72	1.79								
271	2981	5.46	1.89								
320	2528	4.63	2.2								
110kW											
53	18530	27.96	0.91								
67	14686	22.16	1.15	FA 157	4						
75	13102	19.77	1.22	FAF157	4						
88	11167	16.85	1.52	F 157	4						
107	9252	13.96	1.73	FF 157	4						
125	7900	11.92	1.90								
132kW											
67	17623	22.16	0.96	FA 157	4						
75	15723	19.77	1.02	FAF157	4						
88	13400	16.85	1.26	F 157	4						
107	11102	13.96	1.44	FF 157	4						
125	9480	11.92	1.59								
160kW											
88	16243	16.85	1.04	FA 157	4						
107	13457	13.96	1.19	FAF157	4						
125	11491	11.92	1.31	F 157	4						
125	11491	11.92	1.31	FF 157	4						
200kW											
88	20304	16.85	0.83	FA 157	4						
107	16821	13.96	0.95	FAF157	4						
125	14363	11.92	1.05	F 157	4						
125	14363	11.92	1.05	FF 157	4						

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Mamax Permissible torque  Nm	输出转速 Output speed  r/min	传动比 Ratio  i	机 型 号 Type  Type	功率 Power  kW/4p	Mamax Permissible torque  Nm	输出转速 Output speed  r/min	传动比 Ratio  i	机 型 号 Type  Type	功率 Power  kW/4p		
200	5.3	262	FA 37R17 FAF37R17 F 37R17 FF 37R17	0.18	1500	2.3	600	FA 77R37 FAF77R37 F 77R37 FF 77R37	0.55		
	6.1	229				2.6	525				
	7.0	200				3.0	469				
	8.2	170				3.4	412				
	9.1	153	3.9	357		0.75					
	10	133	4.4	314							
	11	129									
400	2.5	563	FA 47R17 FAF47R17 F 47R17 FF 47R17	0.18	3000	0.33	4245		0.18		
	2.9	477				0.37	3721				
	3.1	445				0.43	3244				
	3.6	389				0.48	2881				
	4.0	346		0.25		0.54	2575	0.25			
	4.6	304				0.63	2199				
	4.7	293				0.72	1930				
	6.0	230		0.37		0.81	1709	FA 87R57 FAF87R57 F 87R57 FF 87R57	0.37		
	6.4	216				0.93	1493				
	7.4	188				1.1	1300	0.55			
7.9	176	1.2	1148								
9.4	148	1.4	1010								
11	130	1.6	887								
600	1.6	856	FA 57R37 FAF57R37 F 57R37 FF 57R37	0.18	4300	1.8	780		0.75		
	1.9	749				2.1	674				
	2.1	658				2.3	609				
	2.5	549		0.25		2.7	515	1.1			
	2.9	483				3.1	452				
	3.3	426				4.0	345		1.5		
	3.6	382				0.21	6532				
	4.2	330		0.37		0.24	5696	0.18			
	4.7	298				0.28	5032				
	5.3	262				0.32	4375				
	6.2	226		0.55		0.35	3946	0.25			
	7.0	200				0.41	3404				
	8.4	166				0.47	2949				
9.1	152	0.75	0.54	2590	0.37						
10	134		0.61	2267							
			0.70	1989							
820	1.2		1126	FA 67R37 FAF67R37 F 67R37 FF 67R37		0.18	4300	0.80	1739	FA 97R57 FAF97R57 F 97R57 FF 97R57	0.55
	1.4		984					0.90	1542		
	1.6	864	1.0		1340						
	1.9	722	0.25		1.2	1182		0.75			
	2.2	633			1.3	1032					
	2.6	527			1.5	907		1.1			
	2.8	500			1.8	796					
	3.1	454	0.37		2.0	700					
	3.5	392			2.3	611		1.5			
	4.2	333			2.6	534					
	4.7	297			3.0	472					
	5.3	261	0.55		3.5	410		2.2			
	5.8	238			3.9	367					
	7.0	200			4.9	288					
1500	0.7	2024	FA 77R37 FAF77R37 F 77R37 FF 77R37	0.18	7840	5.7	247	FA 107R77 FAF107R77 F 107R77 FF 107R77	0.18		
	0.81	1728				0.12	11347				
	0.91	1543				0.14	10039				
	1.03	1354				0.16	8548				
	1.2	1196		0.25		0.18	7675				
	1.3	1050				0.21	6615		0.25		
	1.5	907				0.24	5820				
	1.7	810		0.27		5223					
	2.0	710		0.37							

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.





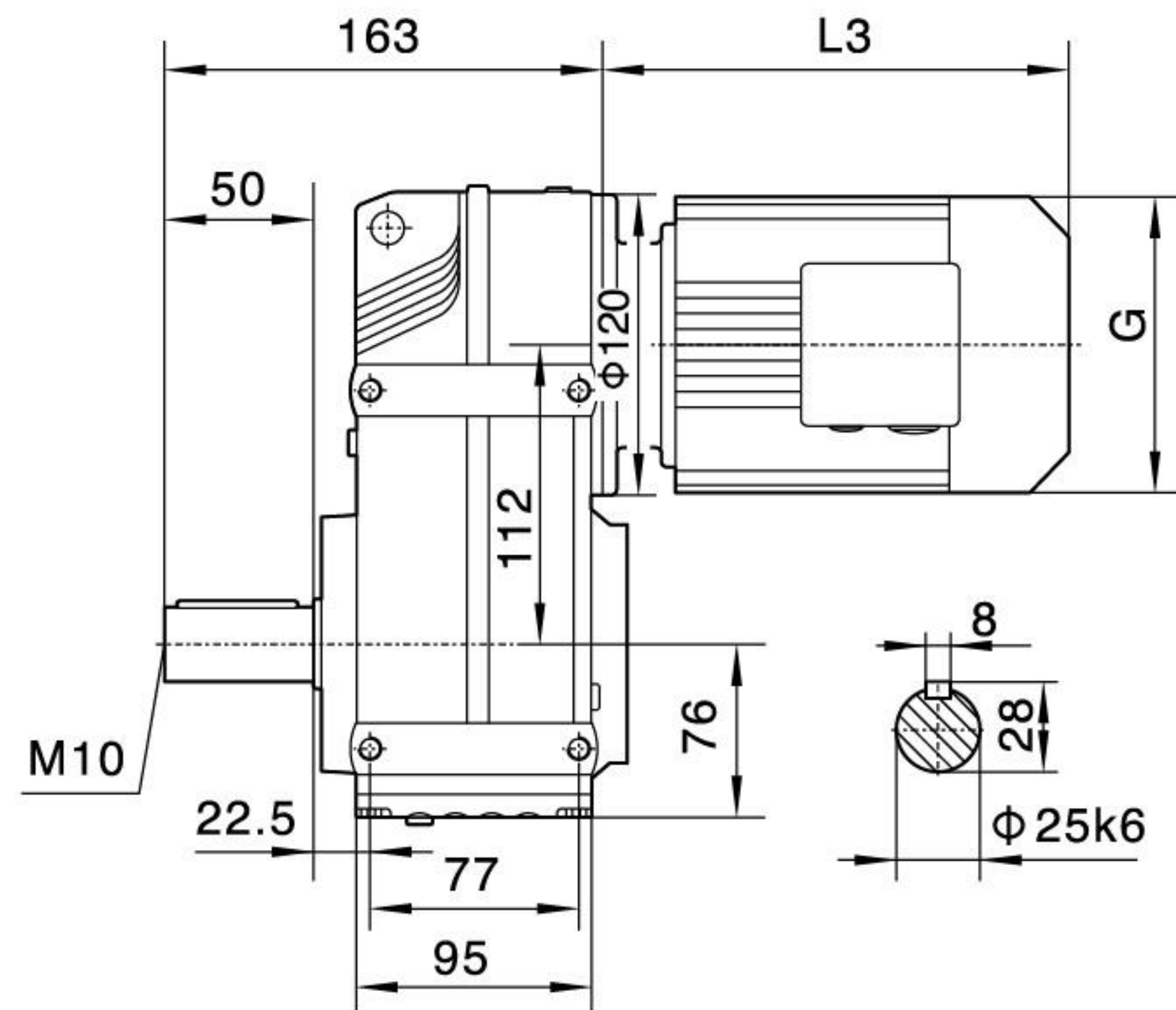
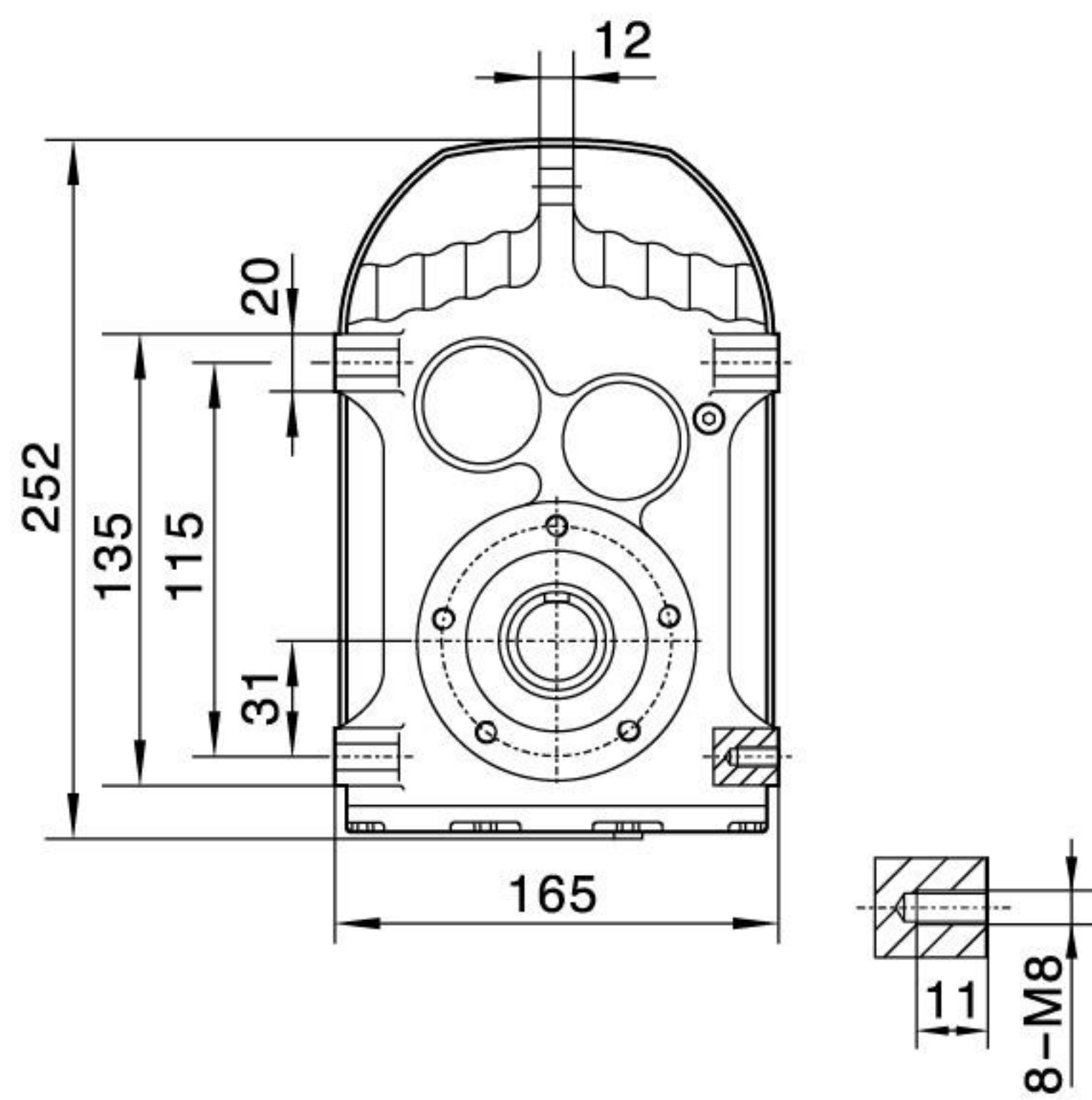
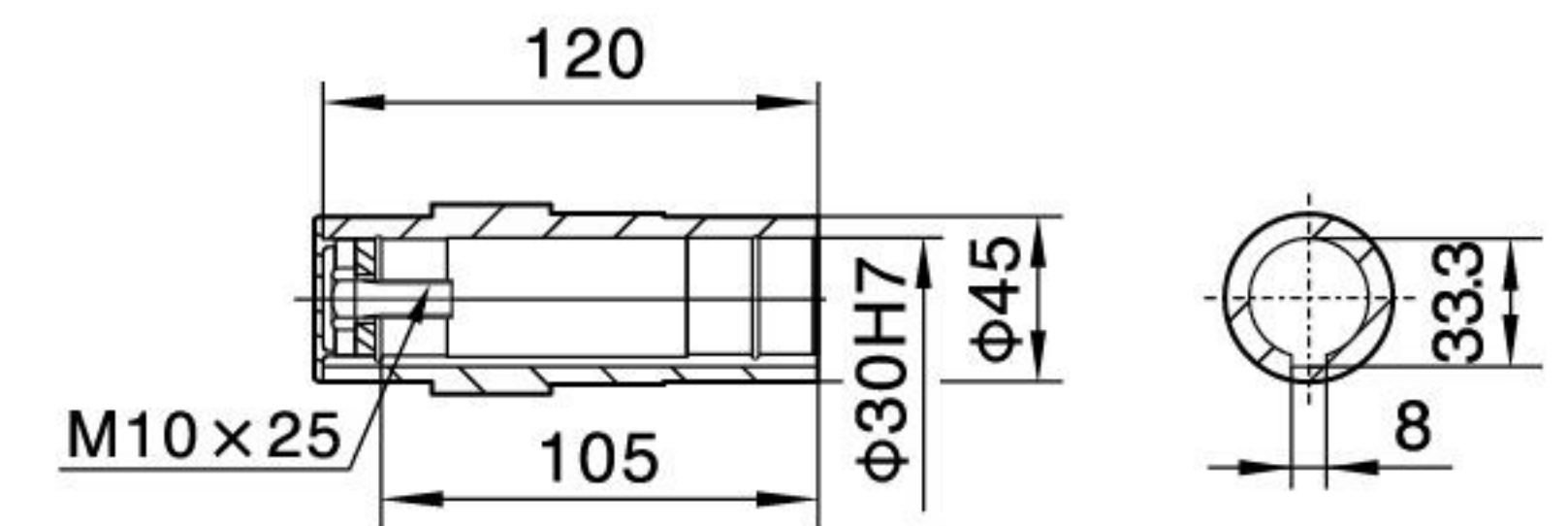
Mamax Permissible torque  Nm	输出转速 Output speed  r/min	传动比 Ratio  i	机 型 号 Type  Type	功率 Power  kW/4p	Mamax Permissible torque  Nm	输出转速 Output speed  r/min	传动比 Ratio  i	机 型 号 Type  Type	功率 Power  kW/4p	
7840	0.30 0.40	4567 3442	FA 107R77 FAF107R77 F 107R77 FF 107R77	0.37	18000	0.04 0.05 0.06 0.07 0.08 0.09 0.10 0.11 0.20 0.22	31434 26173 23464 20212 17984 16358 13751 12235 7065 6286	FA 157R97 FAF157R97 F 157R97 FF 157R97	0.55	
	0.46 0.50 0.59	3037 2756 2369		0.55		0.26 5404	0.75			
	0.67 0.76	2068 1826		0.75		0.14 0.16 0.17 0.29 0.34 0.50	10033 9021 8026 4831 4124 2776			1.1
	0.88 1.0 1.1	1597 1401 1243		1.1		0.57 0.64 2427 2185	1.5			
	1.3 1.5	1087 950		1.5		0.39 0.44 0.73 0.85 1.00	3602 3205 1944 1674 1420		2.2	
	1.7 1.9 2.3	834 736 627		2.2		1.1 1.2 1308 1169	3			
	2.5 2.9 3.3	560 489 427		3		1.5 1.7 1.9 764	4			
	4.0 4.3	362 333		4		2.1 2.5 680 576	5.5			
	12000	0.08 0.09 0.11 0.12		16787 14838 13014 11748		FA 127R77 FAF127R77 F 127R77 FF 127R77	0.18		2.9 3.3 503 446	7.5
		0.14 0.16		10271 8901			0.25		4.9 5.4 301 272	11
		0.18 0.21 0.23		7703 6768 5975			0.37		6.3 7.2 231 202	15
		0.27 0.31 0.36		5076 4466 3868			0.55		4.9 196	18.5
		0.41 0.47 0.52		3403 2987 2693			0.75			
		0.59 0.68 0.78		2376 2054 1798			1.1			
		0.86 1.0		1619 1401			1.5			
		1.2 1.3 1.5		1230 1085 937			2.2			
1.7 1.9 2.2		827 733 640	3							
2.7 2.9		542 489	4							
3.4 3.9		423 371	5.5							
3.0 3.5 3.9		483 417 373	5.5							
4.7 5.0		312 293	7.5							
7.3		200	11							

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.

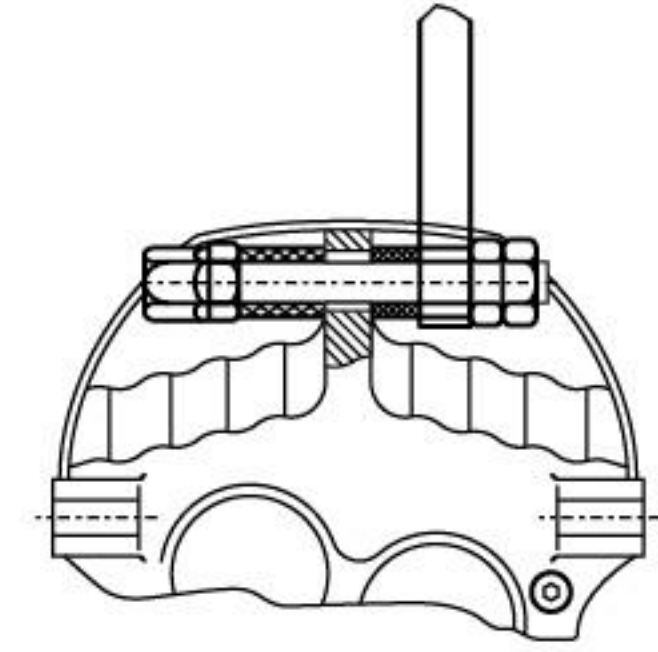




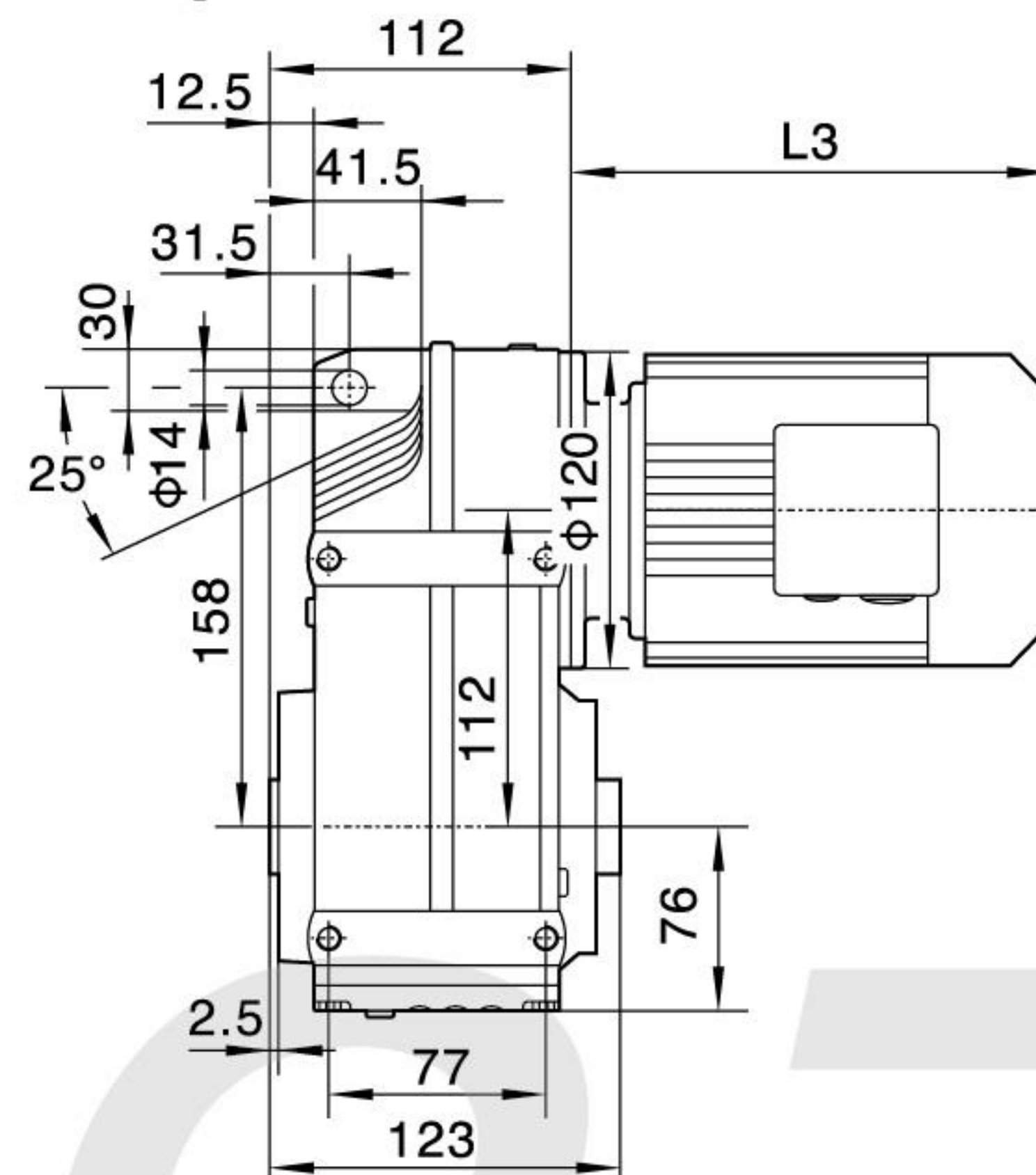
F37

FA37/FAF37/FAZ37空心轴  
/Hollow shaft

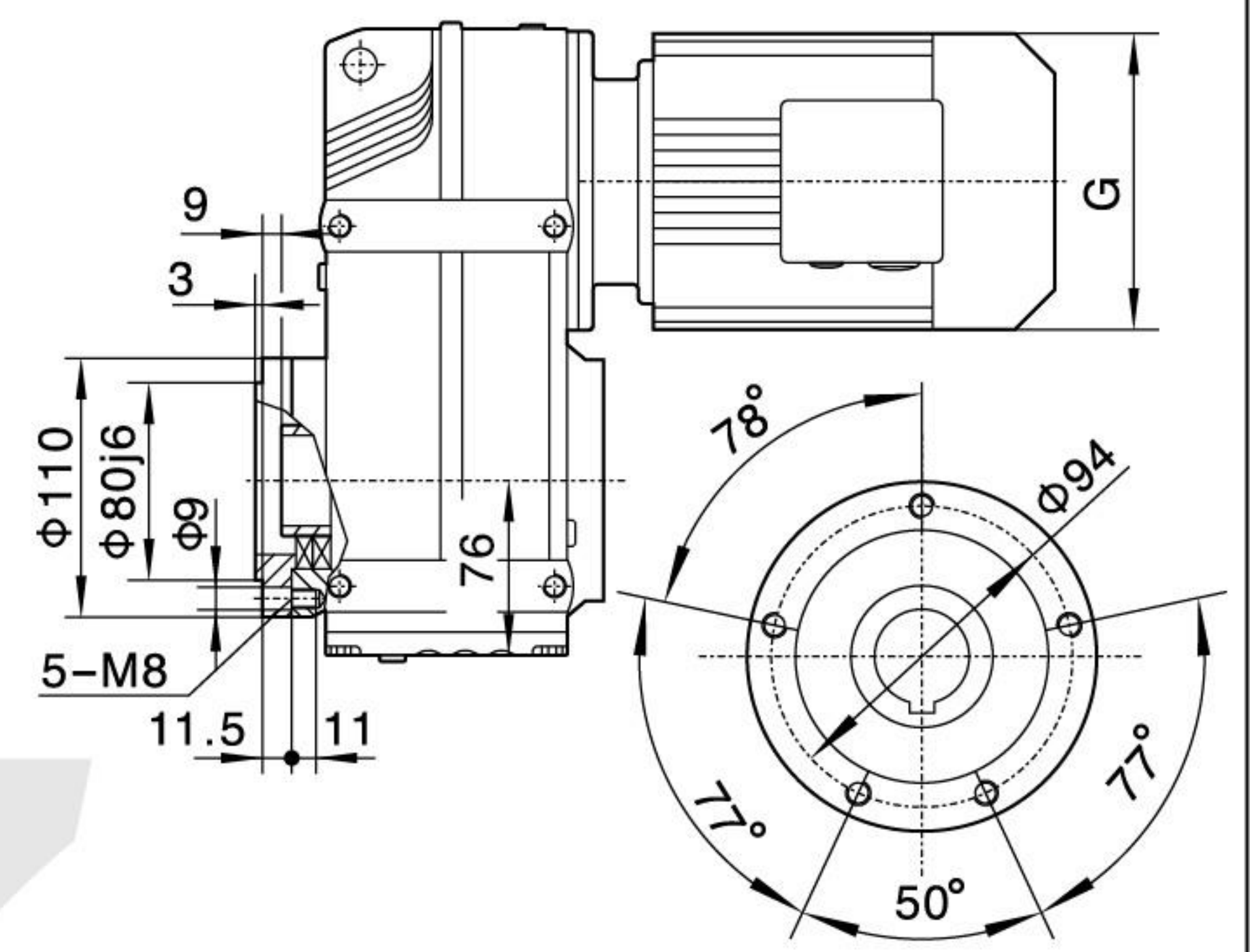
F..T37



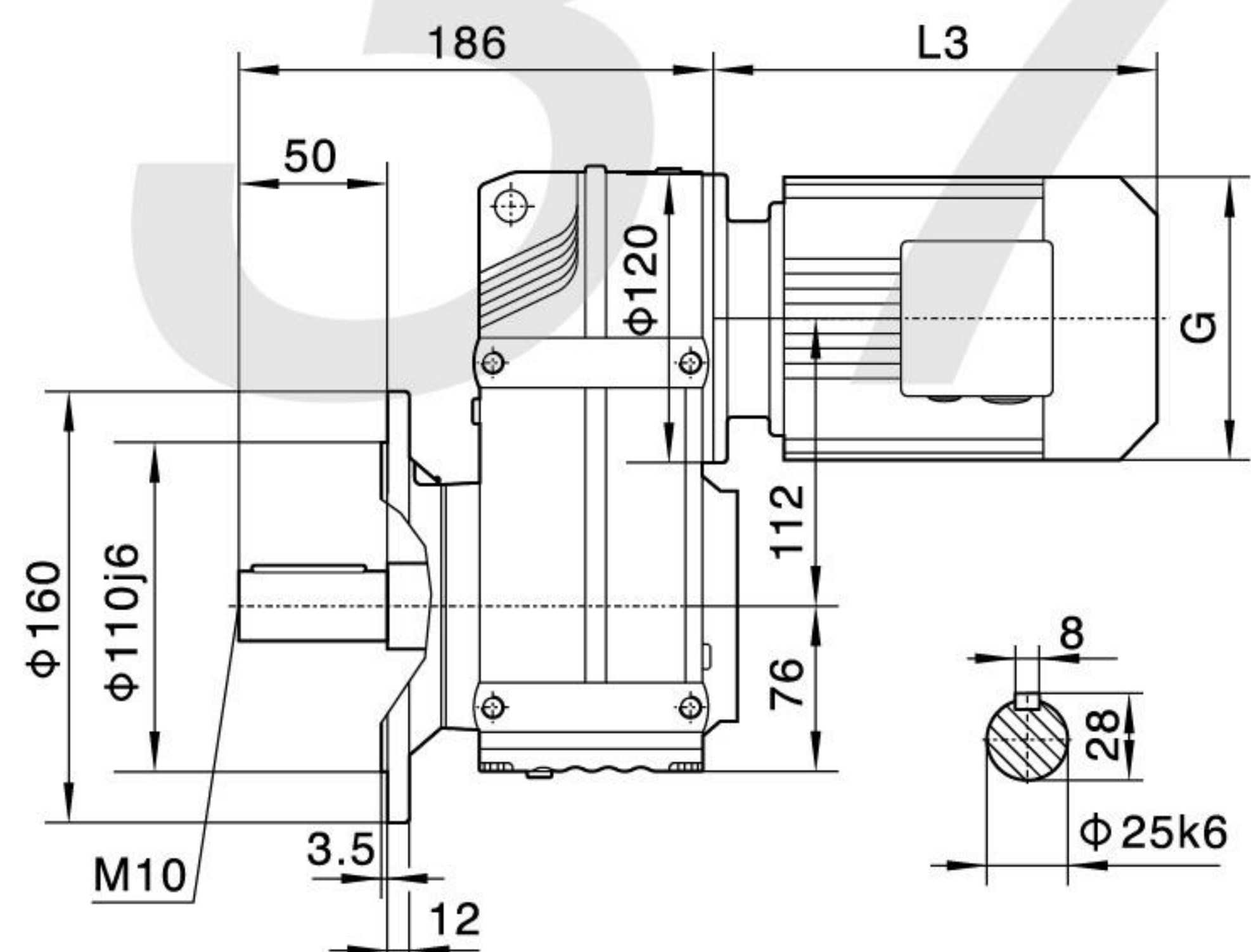
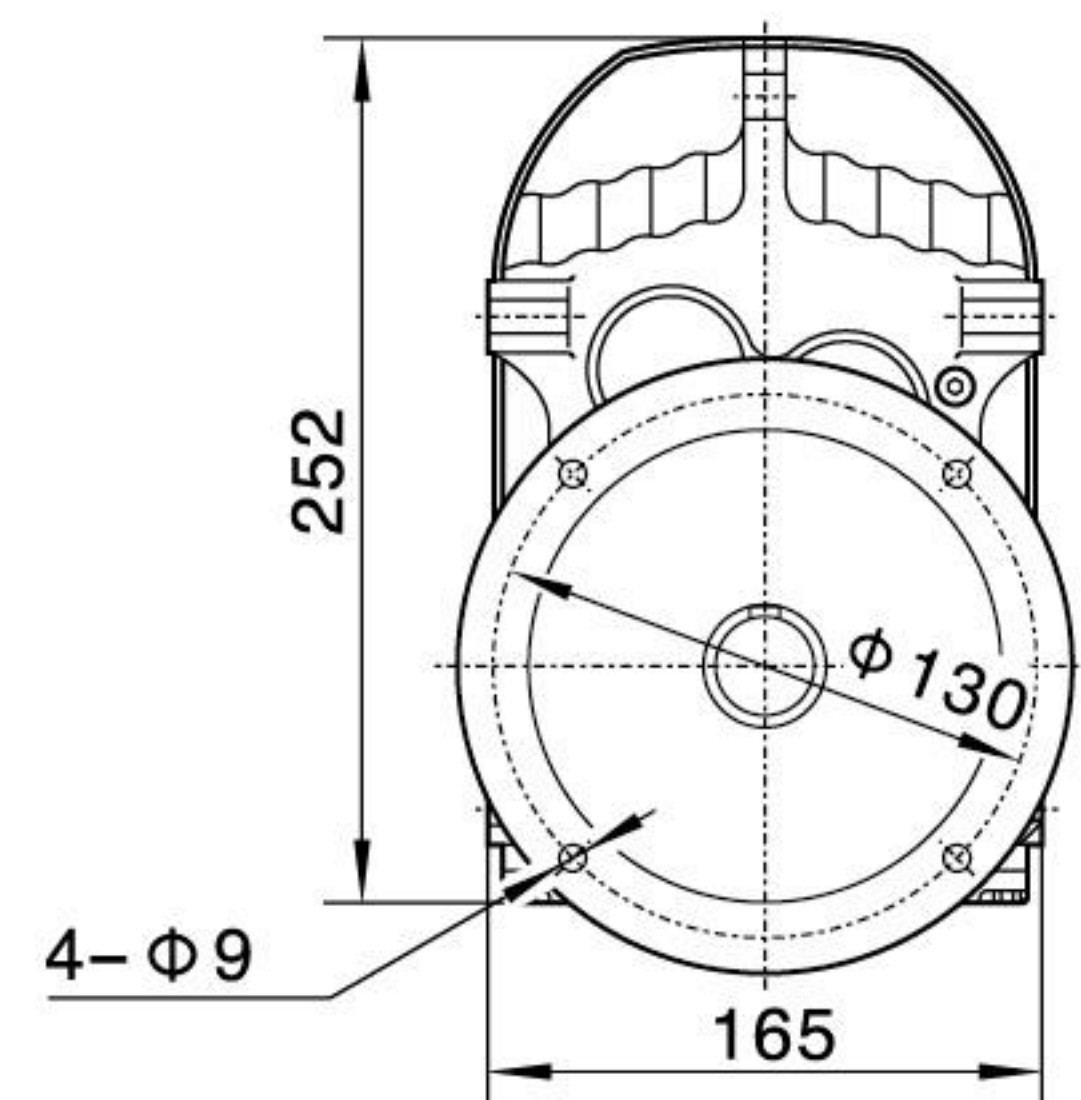
FA37



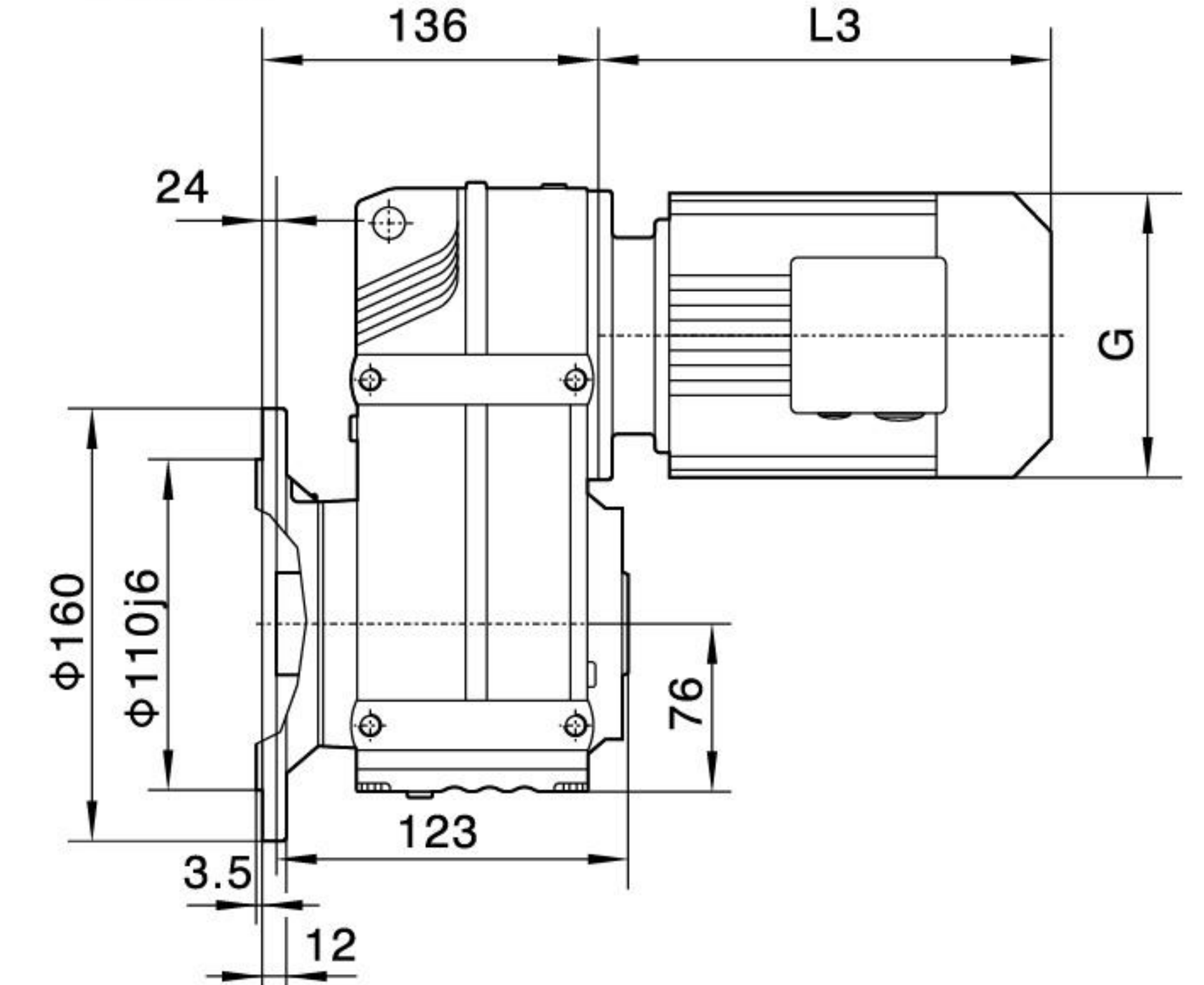
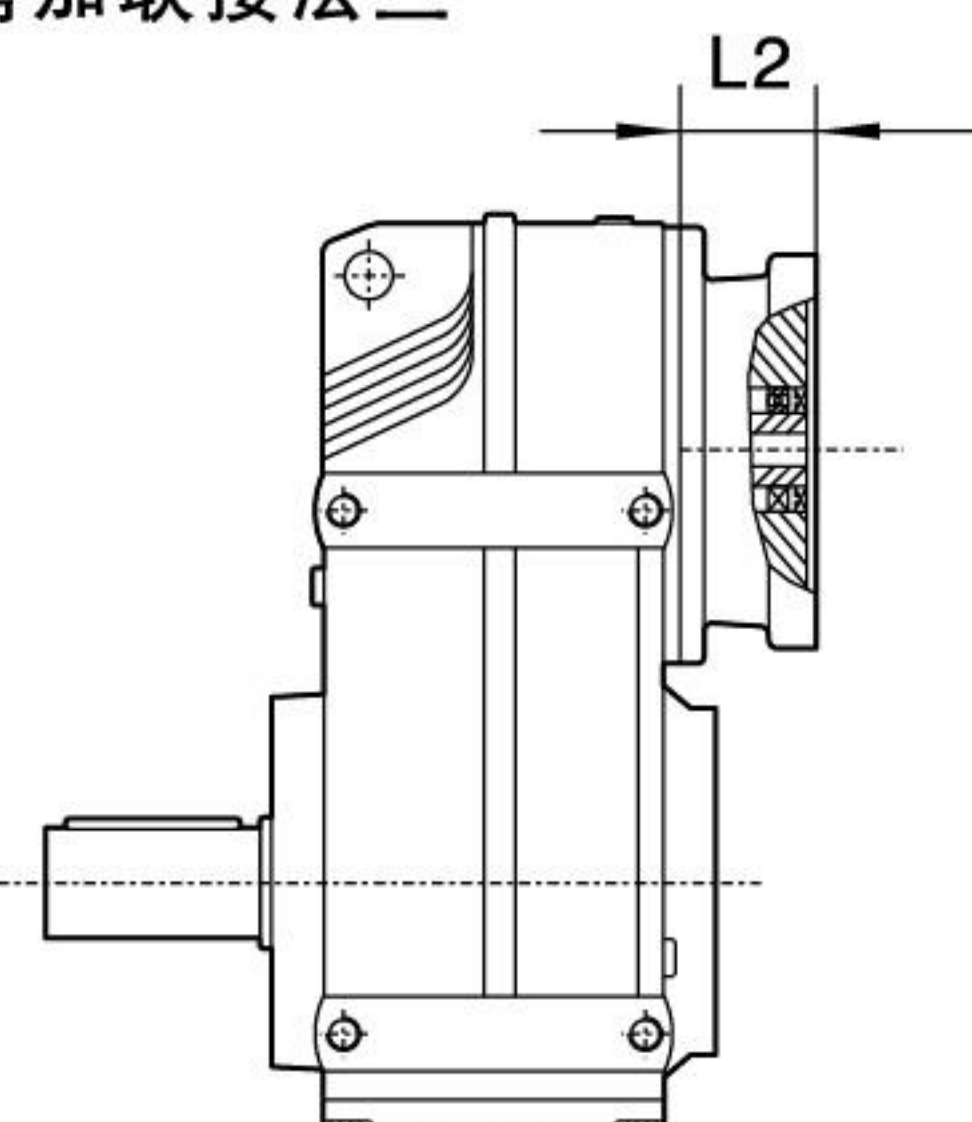
FAZ37



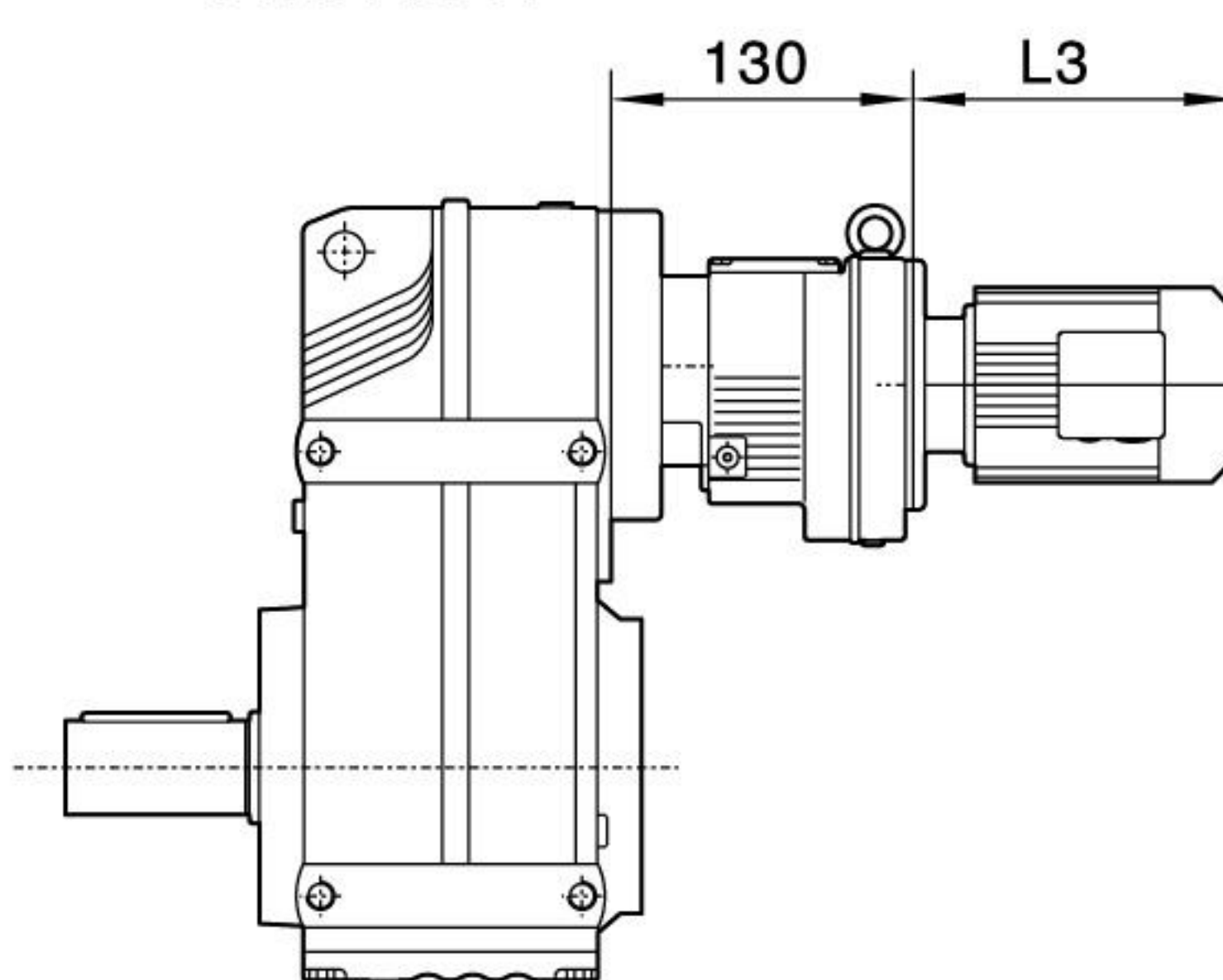
FF37



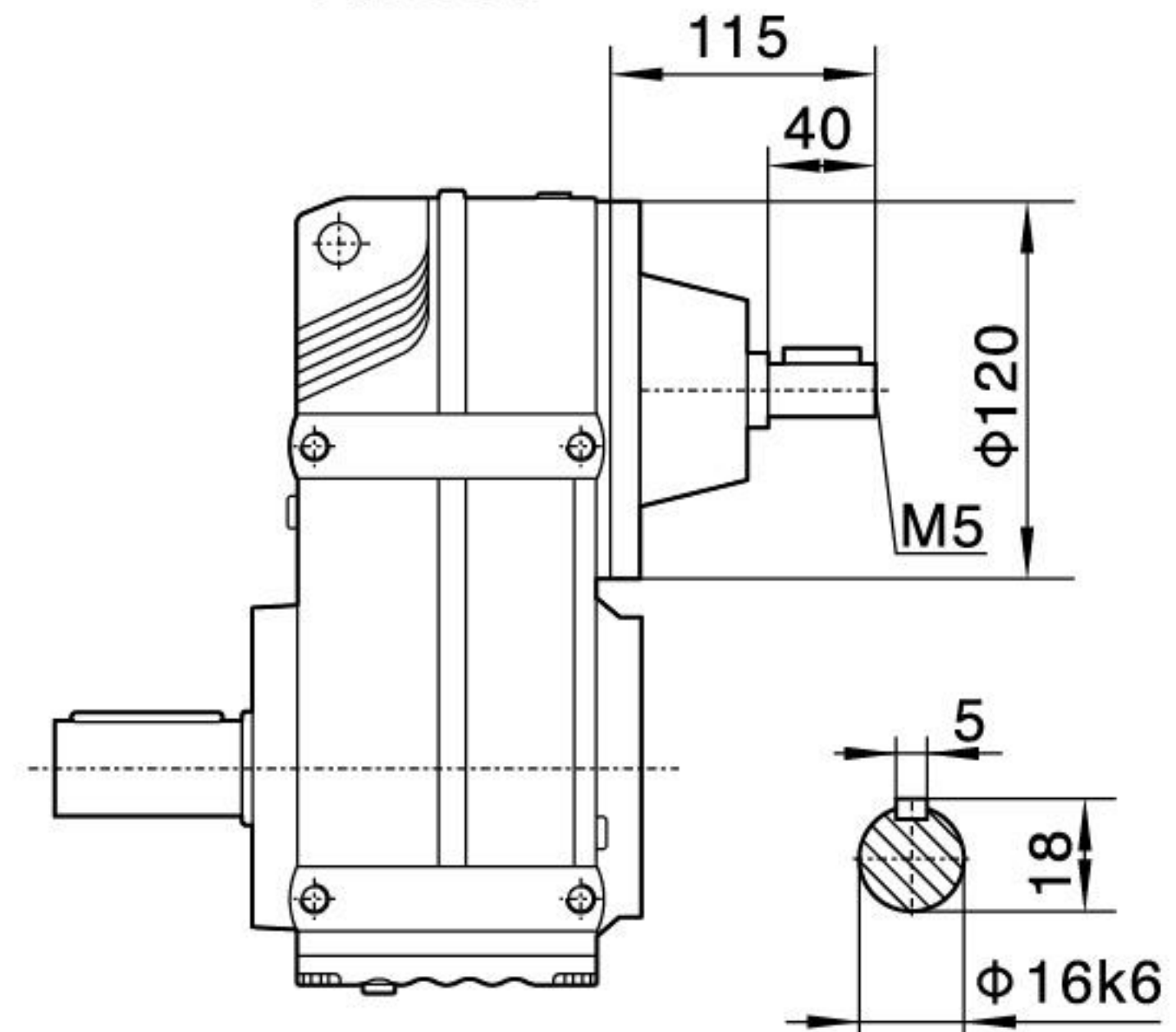
FAF37

电机需方配或配特殊电机时  
需加联接法兰

F..37R17



F..S37

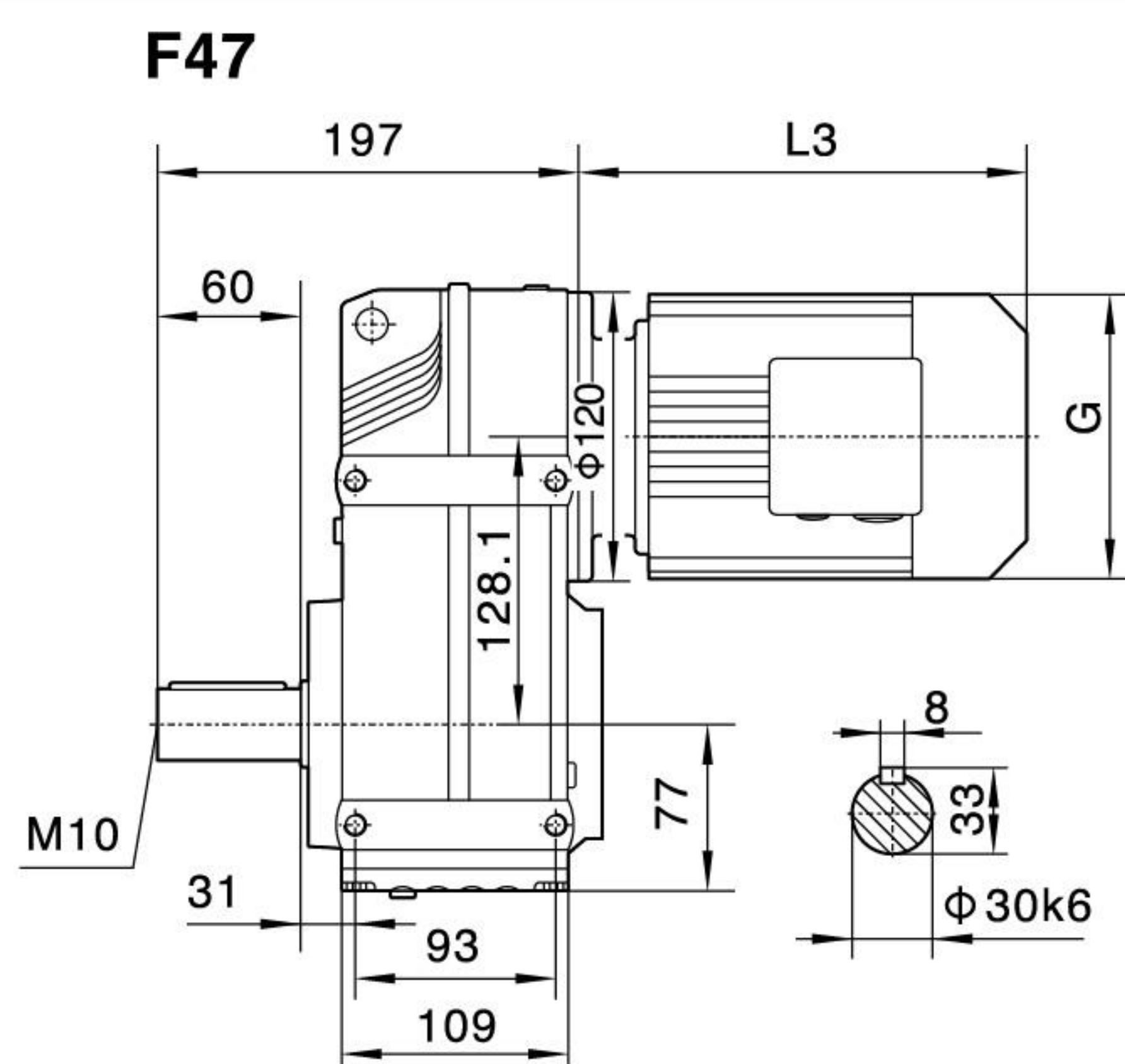
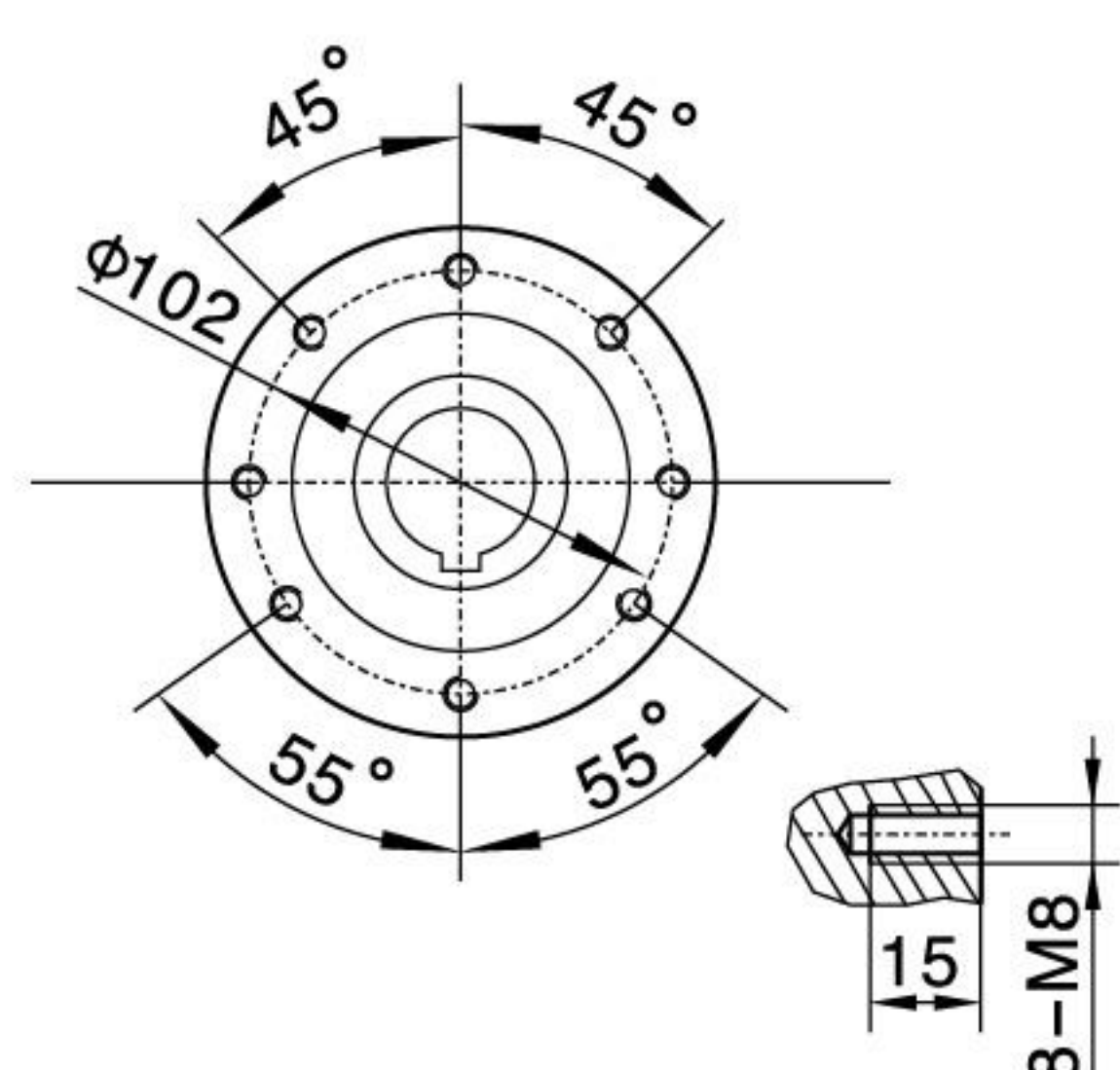
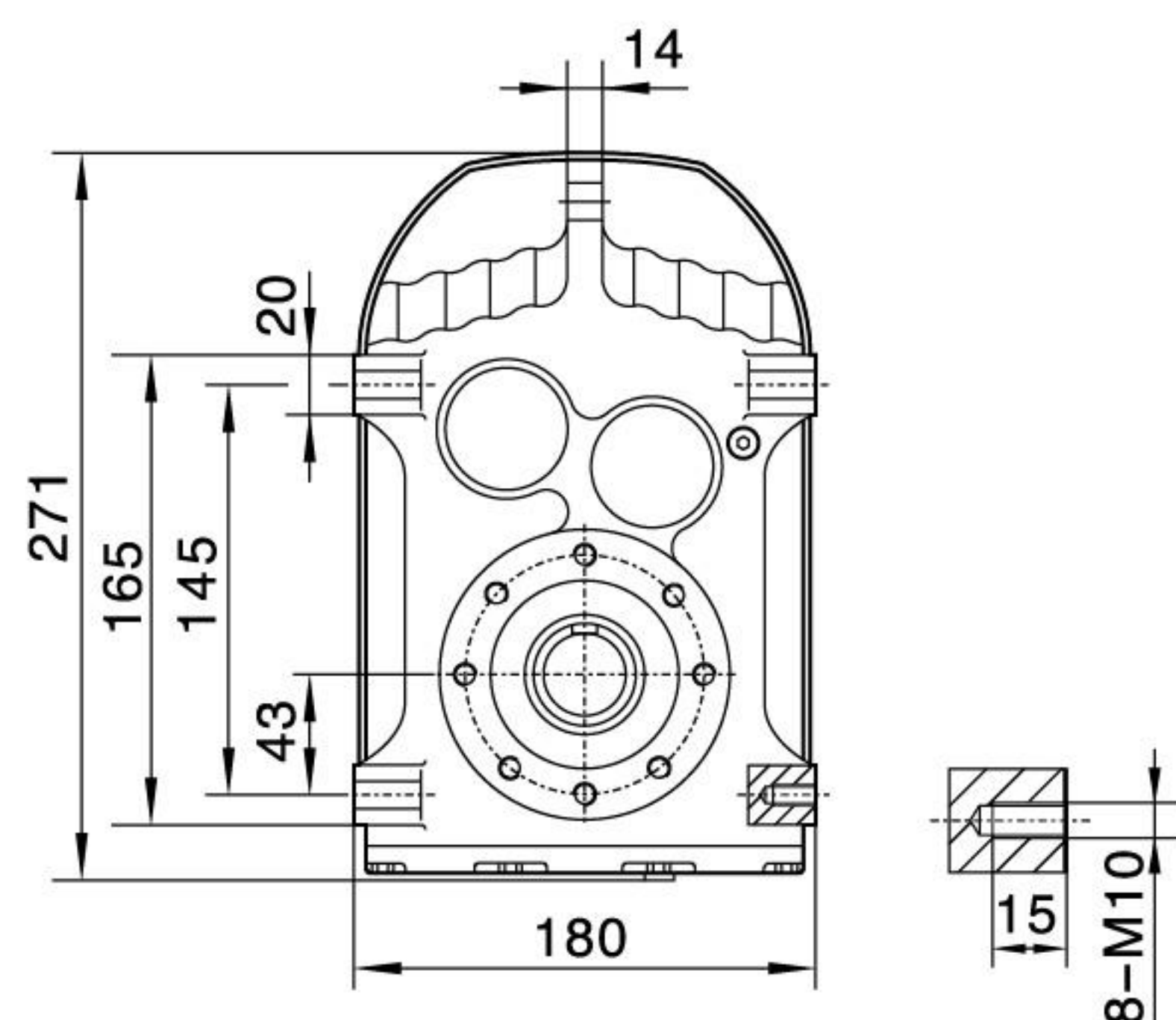
注：其余尺寸见  
相对应结构形式Note: For other  
values please  
refer to the o-  
pposited stru-  
cture.When equipping the user's motor or the special  
one, the flange is required to connected.

Y2电机机座号 Motor size	63	71		80		90S	90L	100	
功率/4P Power/(kW)	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3
L3	235	245		278		304	328	340	
G	130	145		175		195	195	215	
L2	81	81		97		97	97	109	

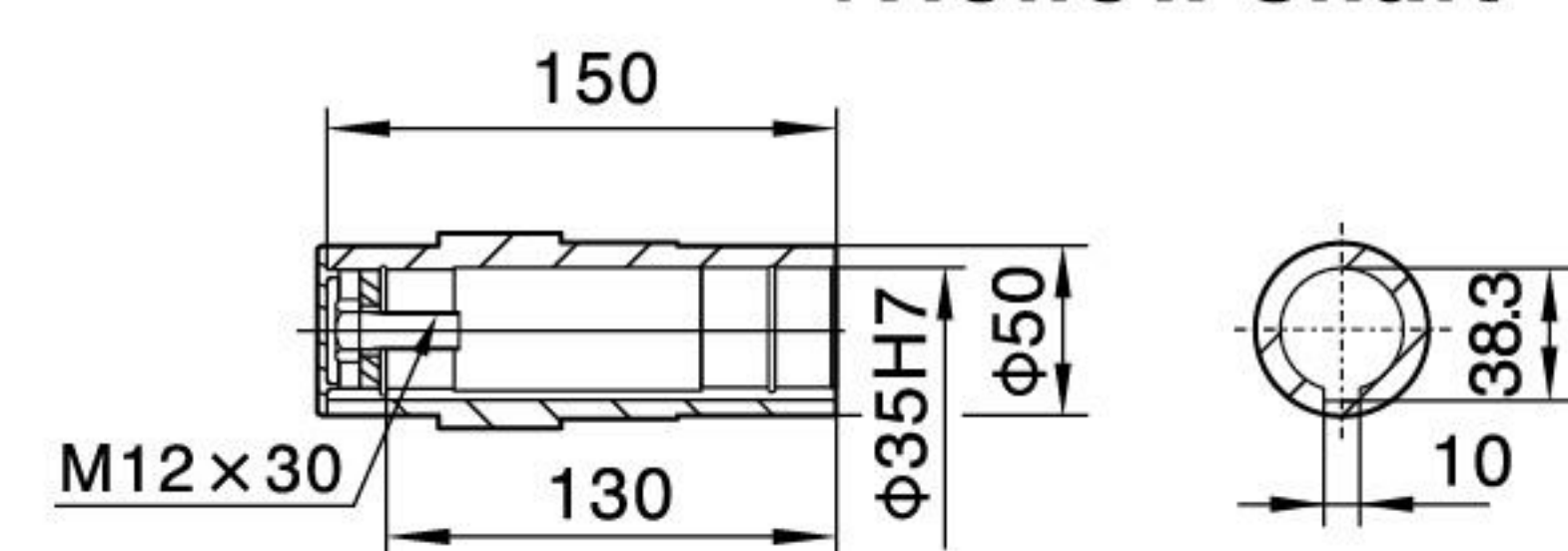
注:1.以上壳体为通用件,安装尺寸均可相互参照 2."F.."表示F、FA、FF、FAF、FAZ

Note:1.The above housings are common parts.The mounting dimensions may consult each other. 2."F.."mean F、FA、FF、FAF、FAZ

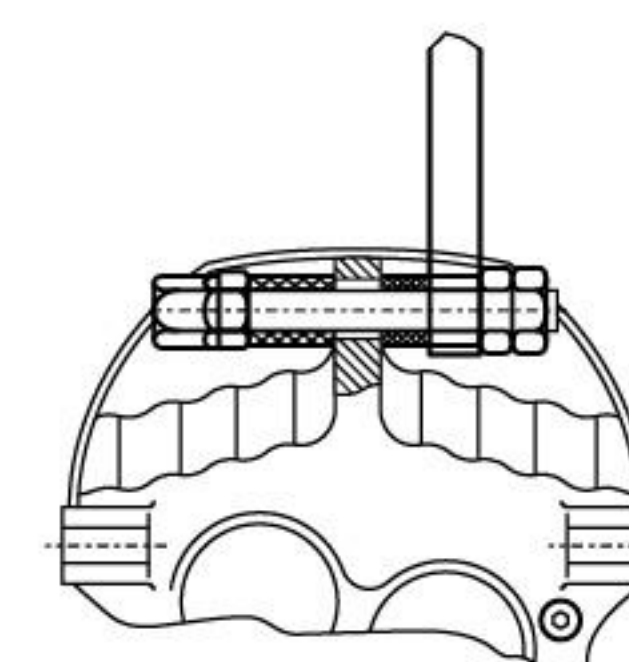




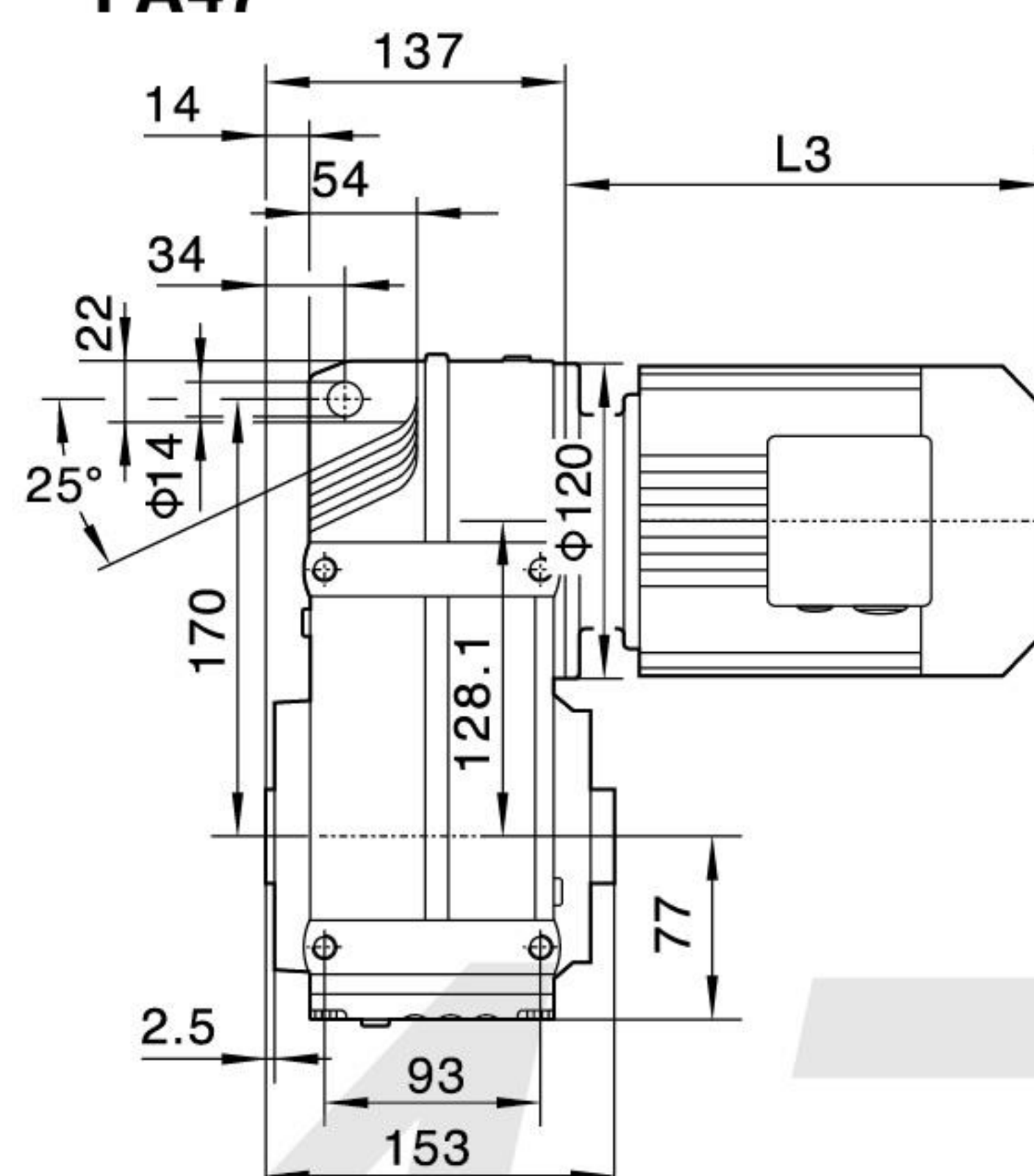
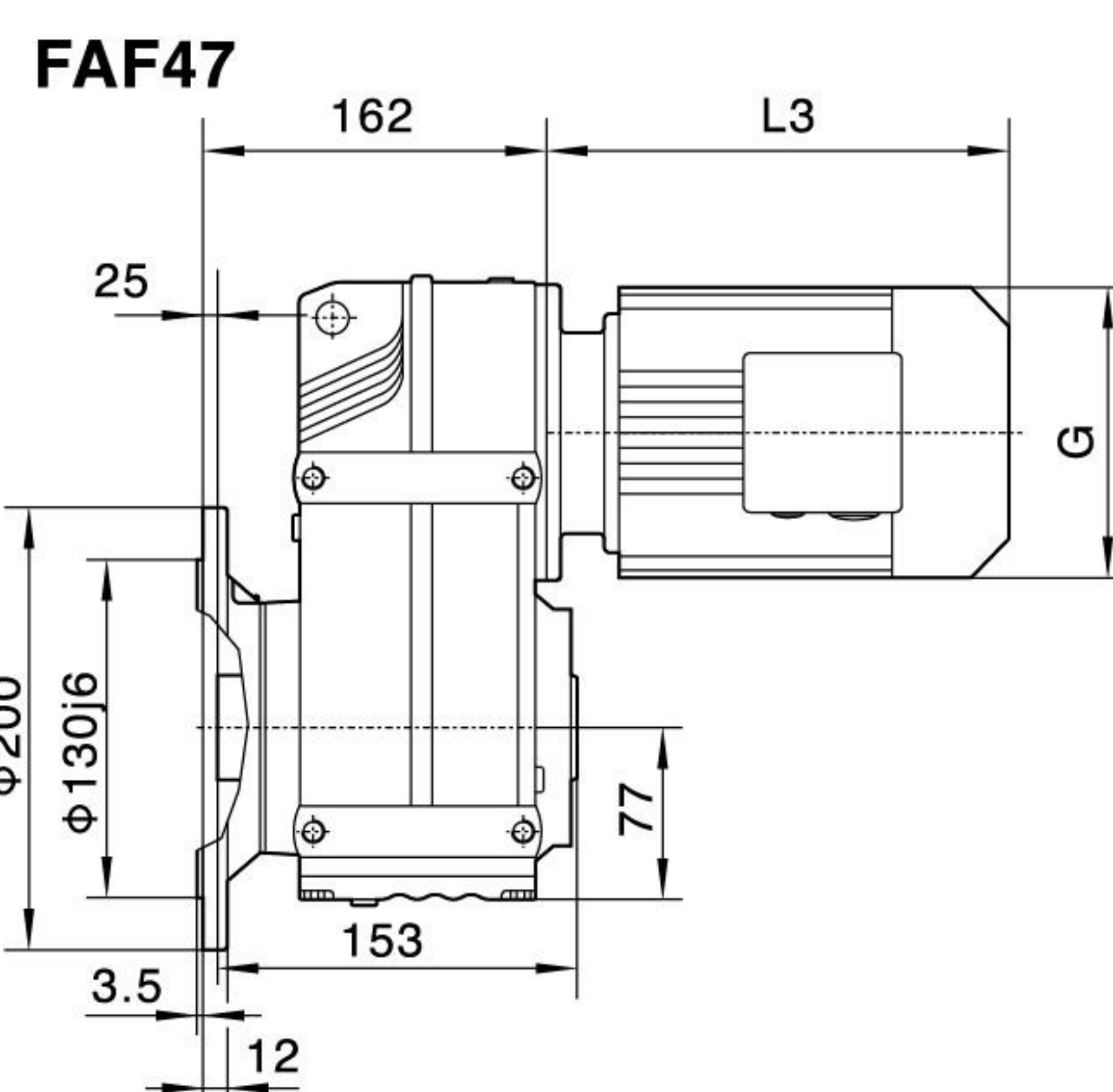
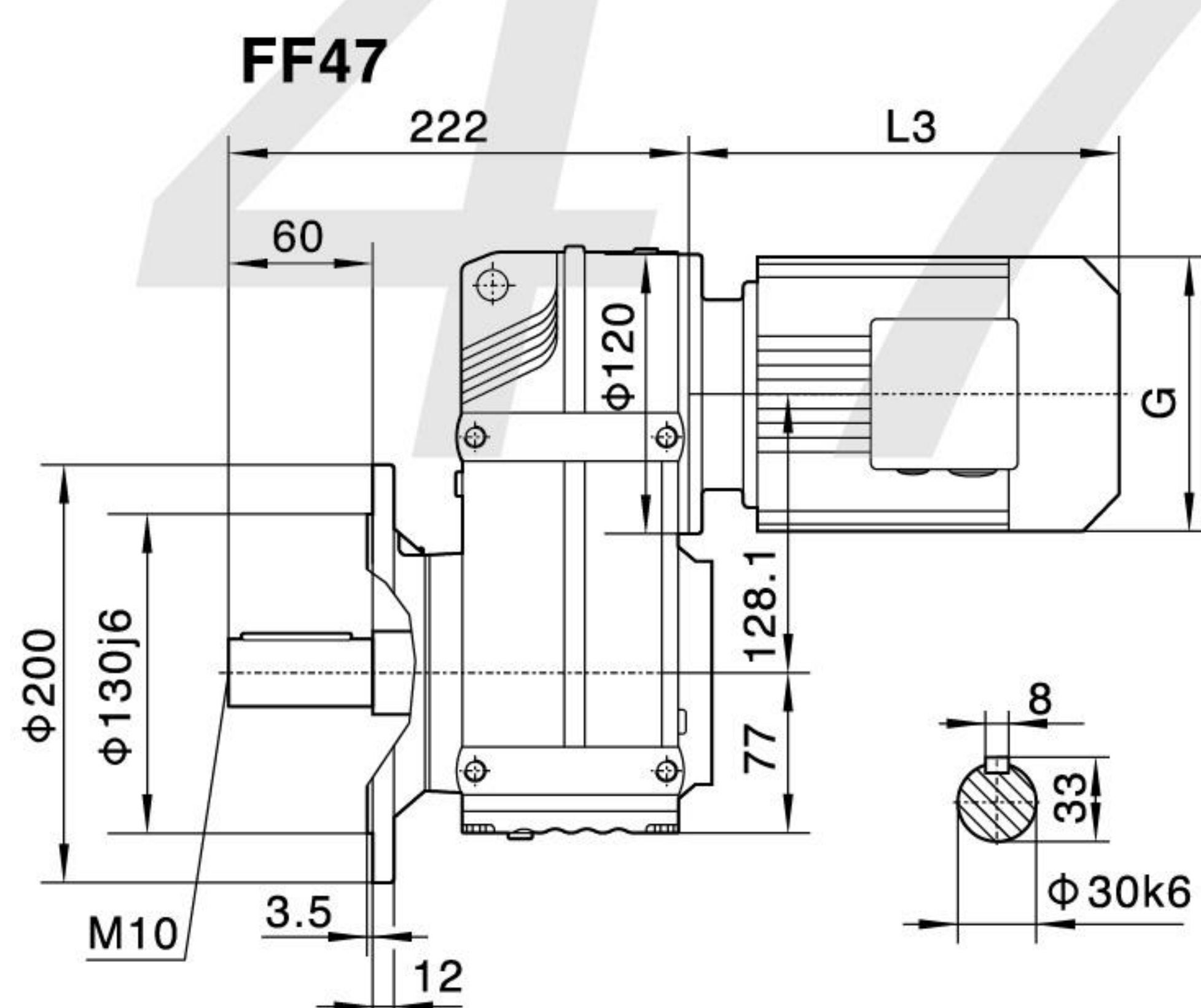
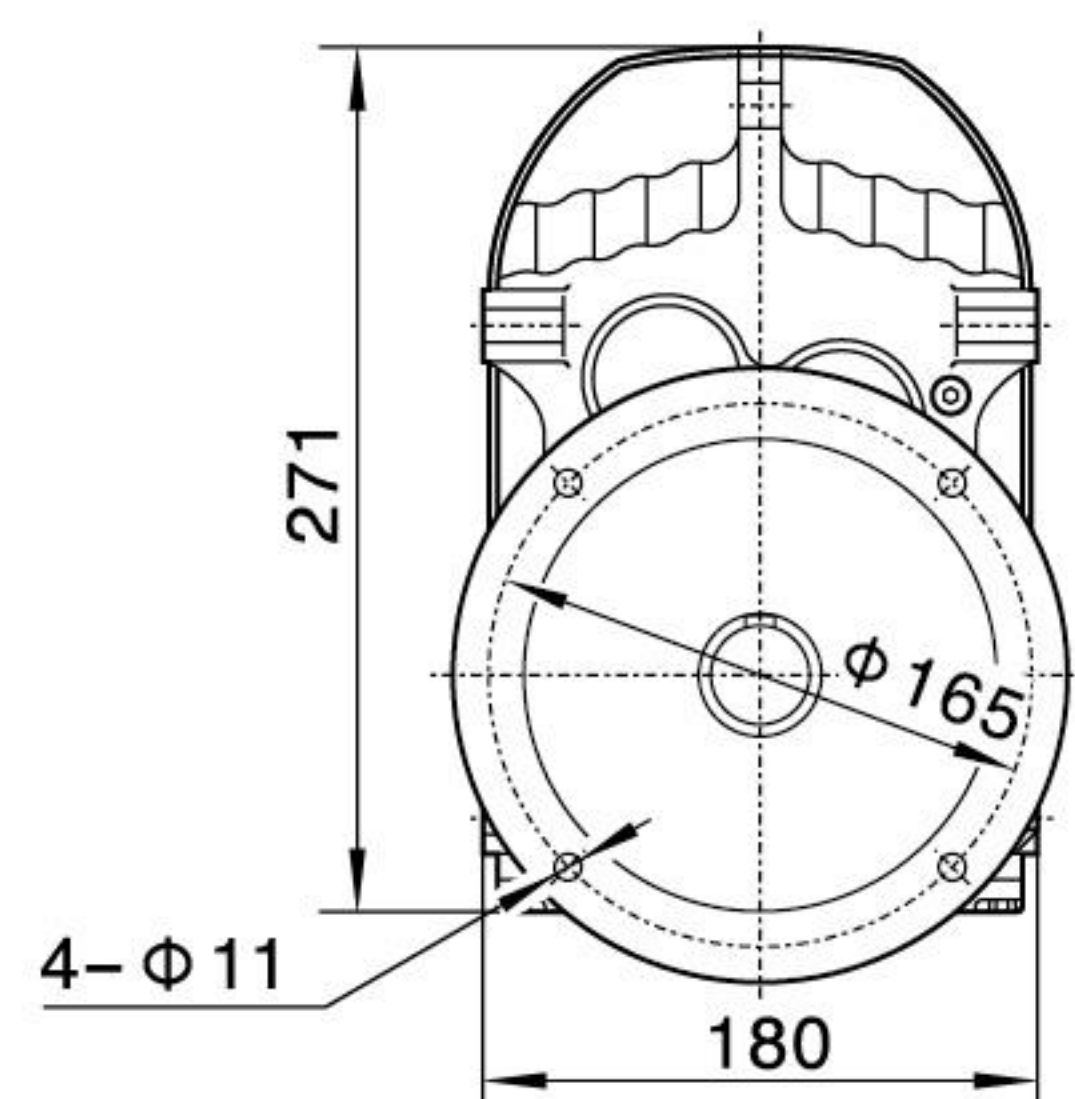
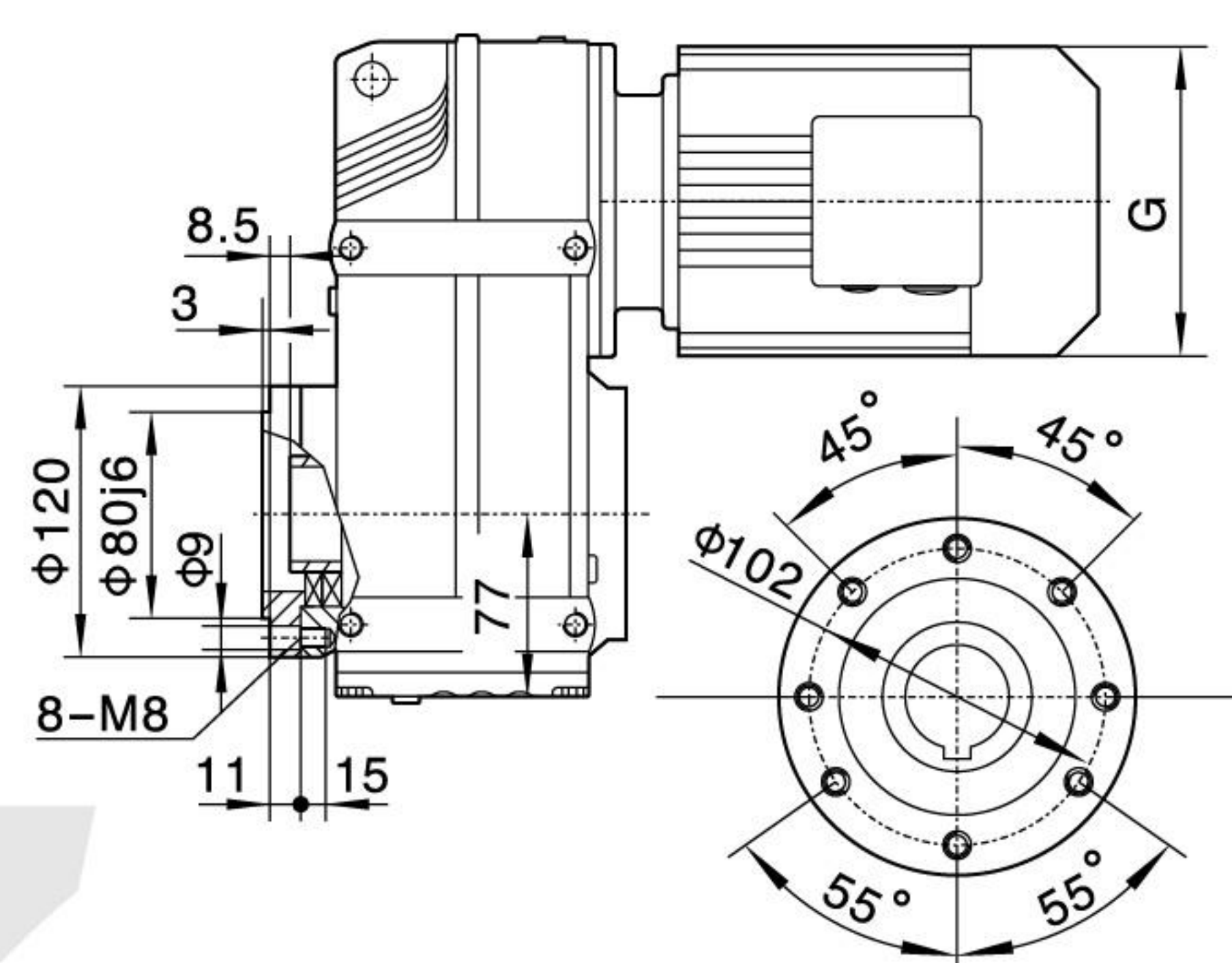
**FA47/FAF47/FAZ47空心轴**  
**/Hollow shaft**



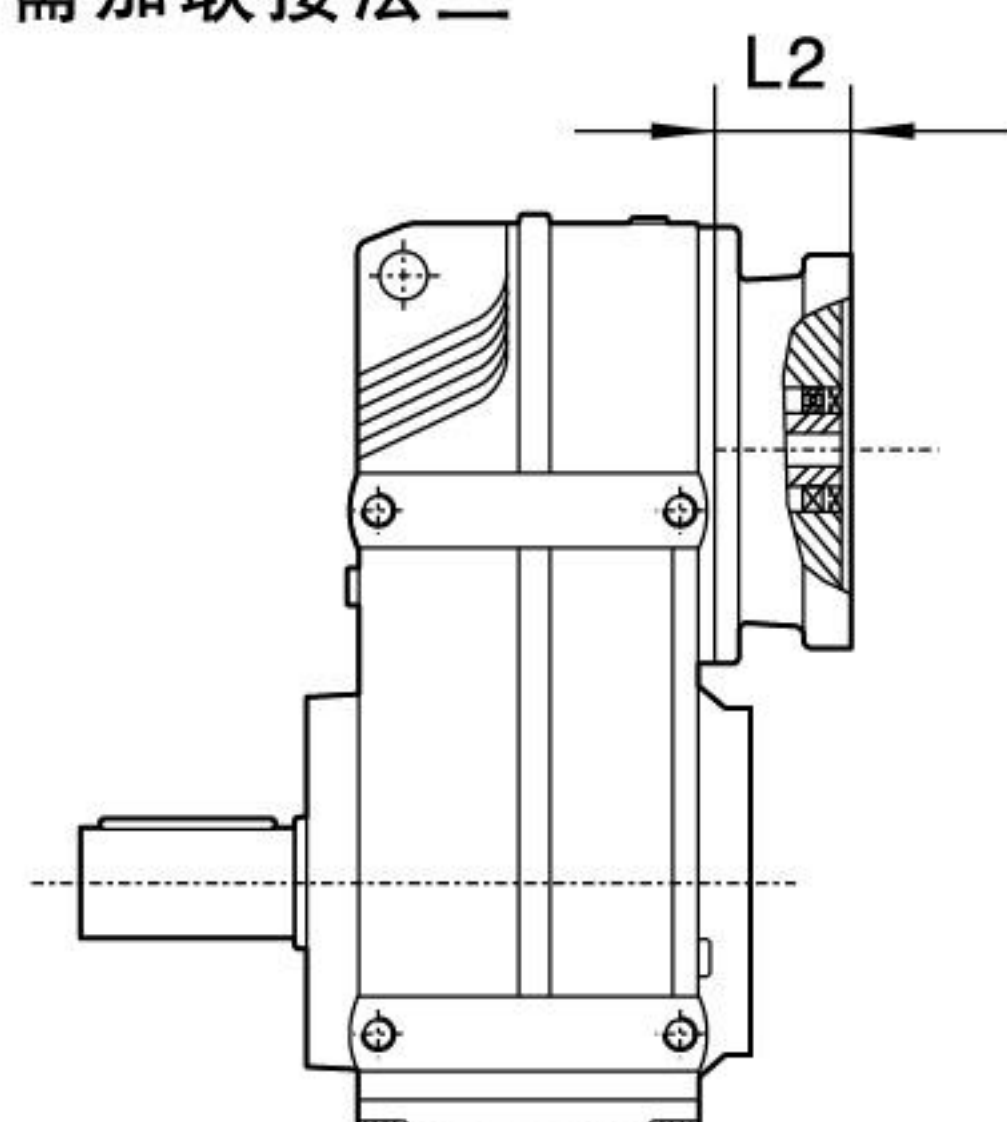
**F..T47**



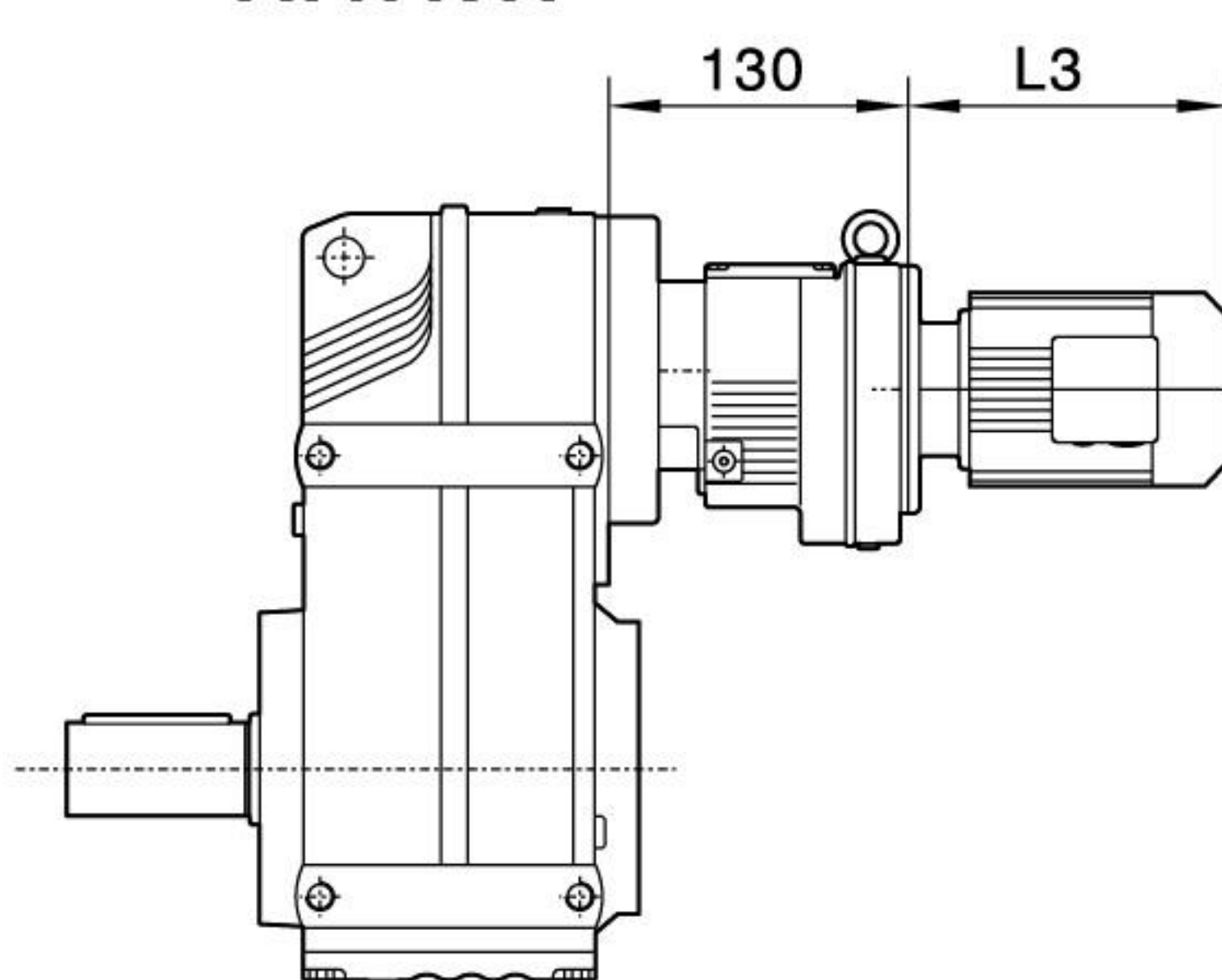
FA47

**FAZ47**

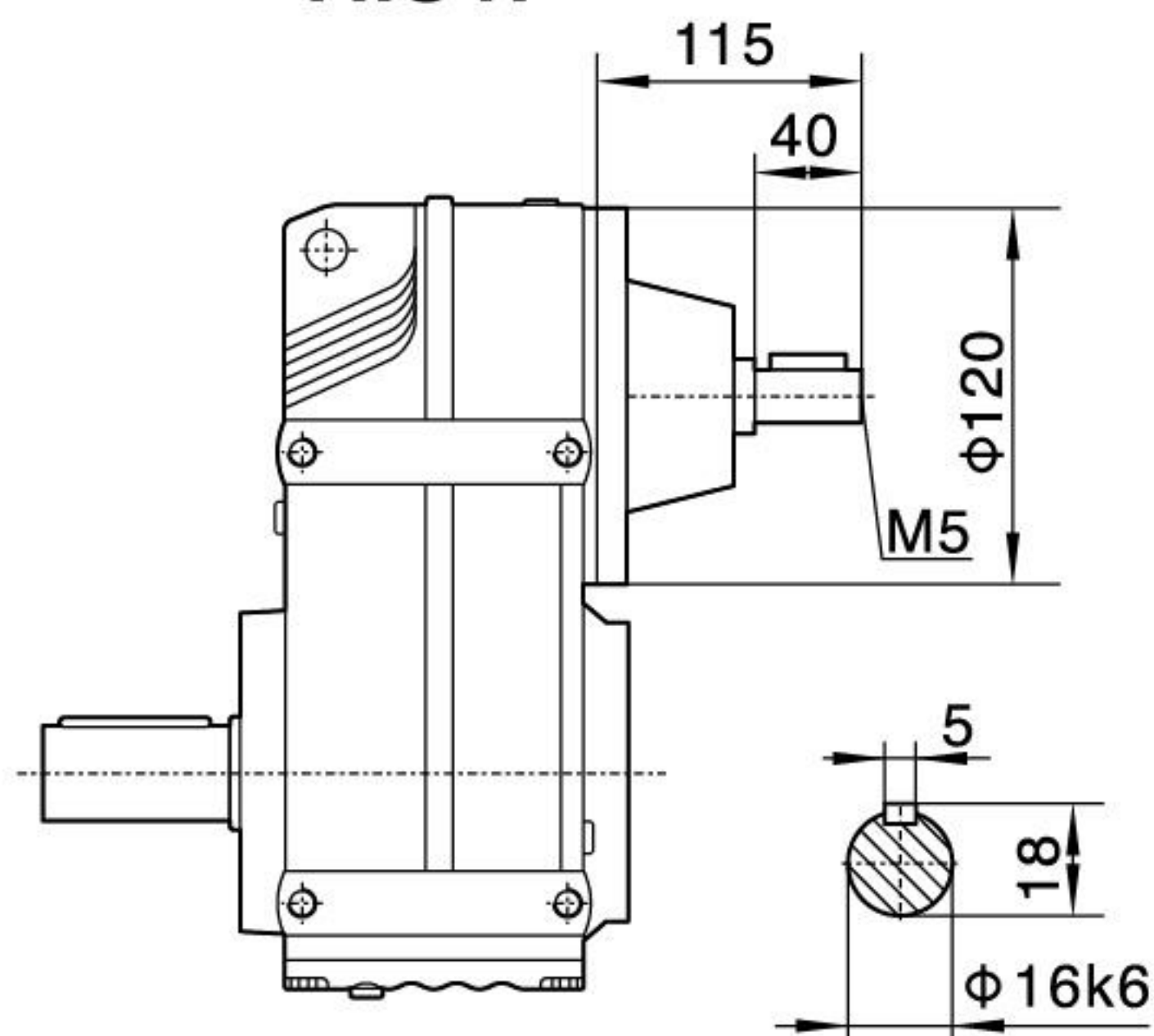
电机需方配或配特殊电机时  
需加联接法兰



**F..47R17**



**F..S47**



注：其余尺寸见  
相对应结构形式

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

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

Y2电机机座号 Motor size	63	71		80		90S	90L	100		
功率/4P Power/(kW)	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	
L3	235	245		278		304	328	340		
G	130	145		175		195	195	215		
L2	81	81		97		97	97	109		

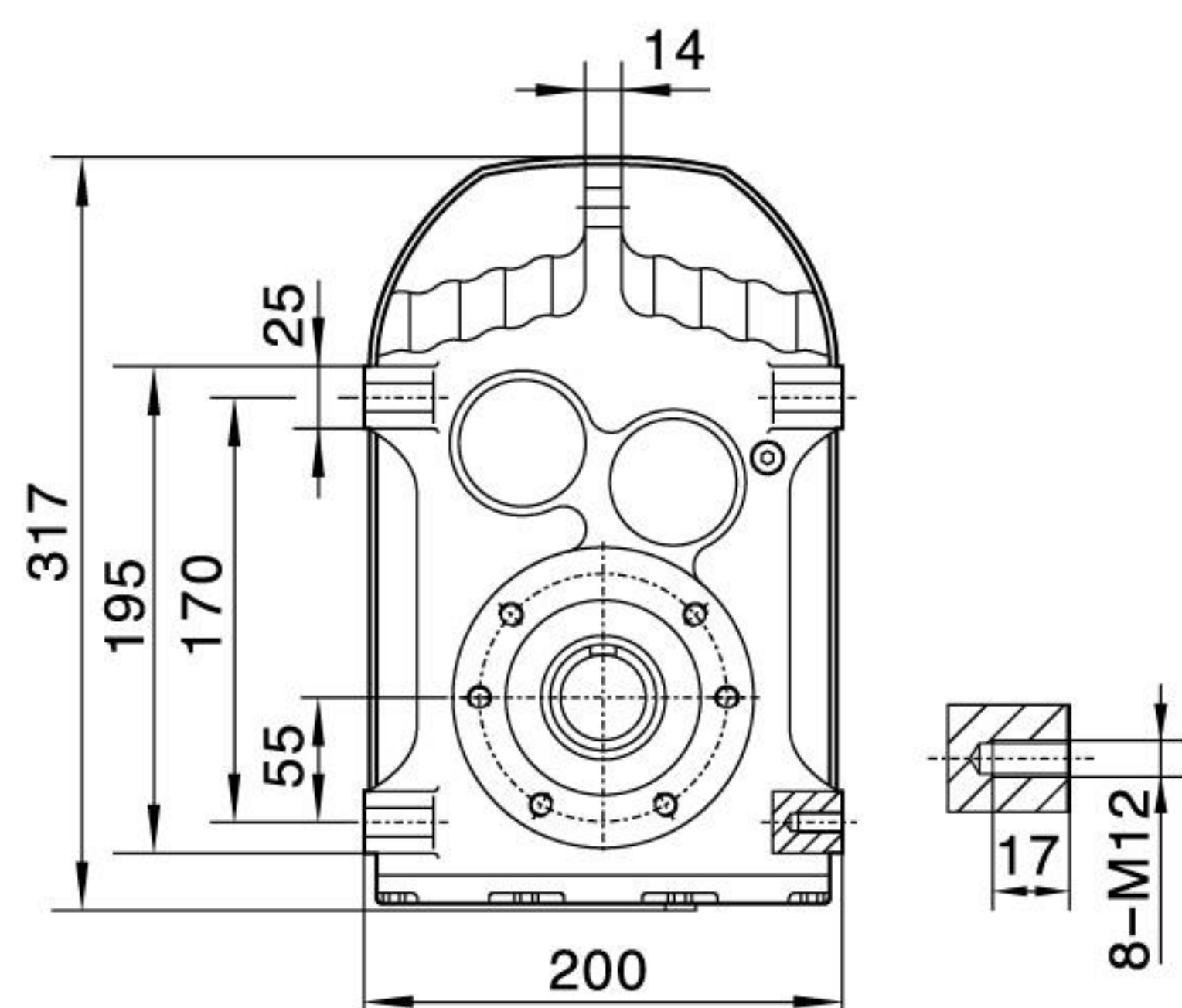
注:1.以上壳体为通用件,安装尺寸均可相互参照 2."F.."表示F、FA、FF、FAF、FAZ

Note:1.The above housings are common parts.The mounting dimensions may consult each other. 2."F.."mean F、FA、FF、FAF、FAZ

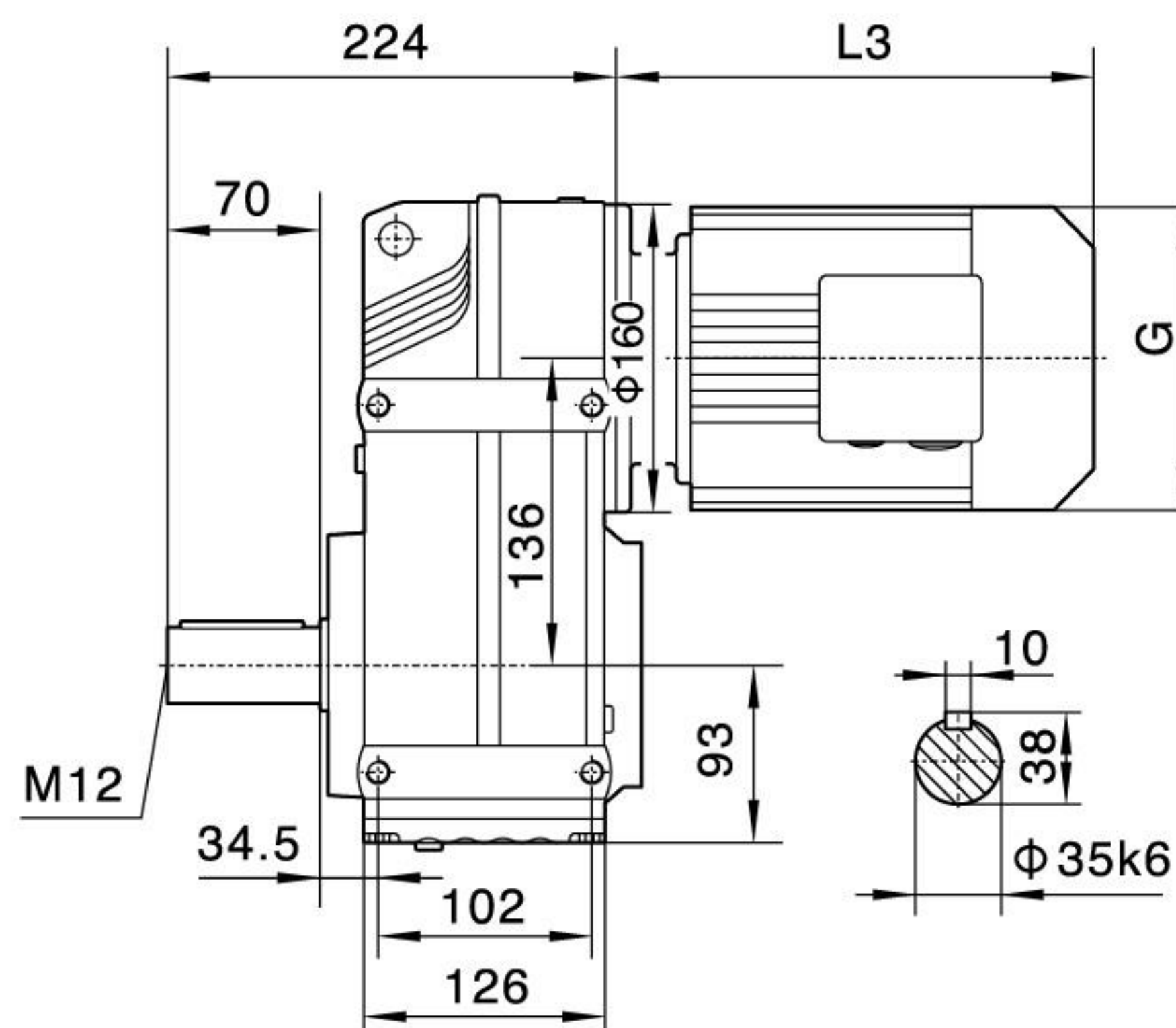
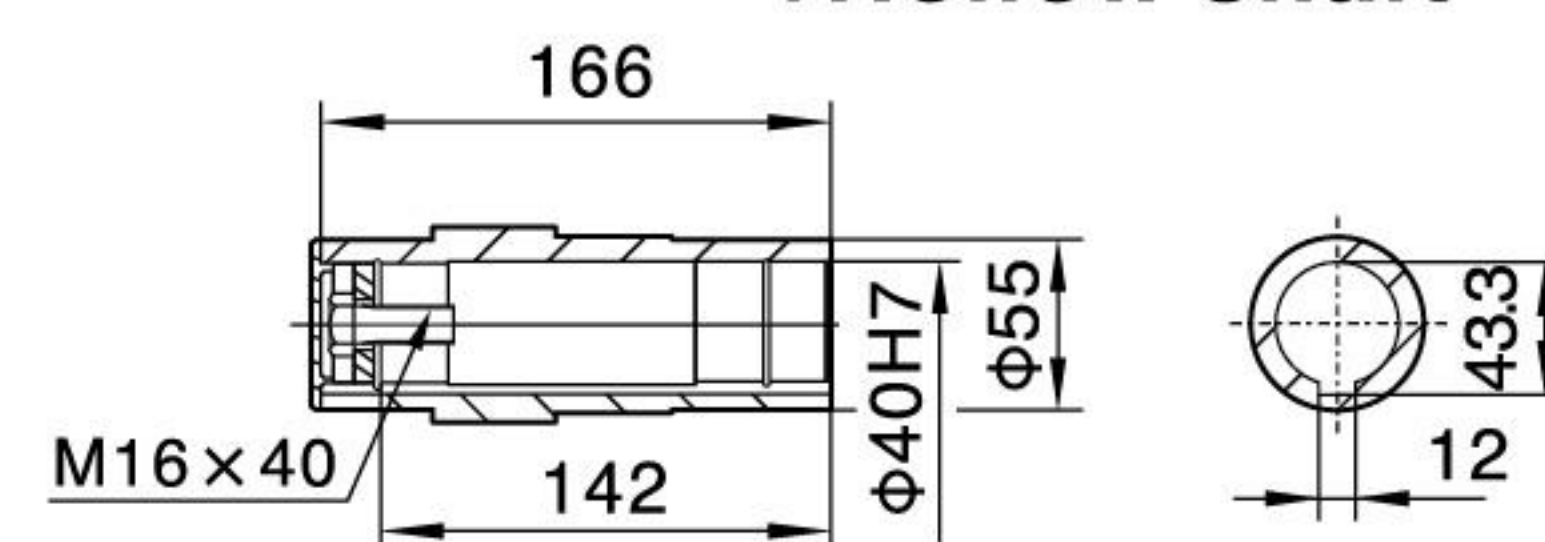




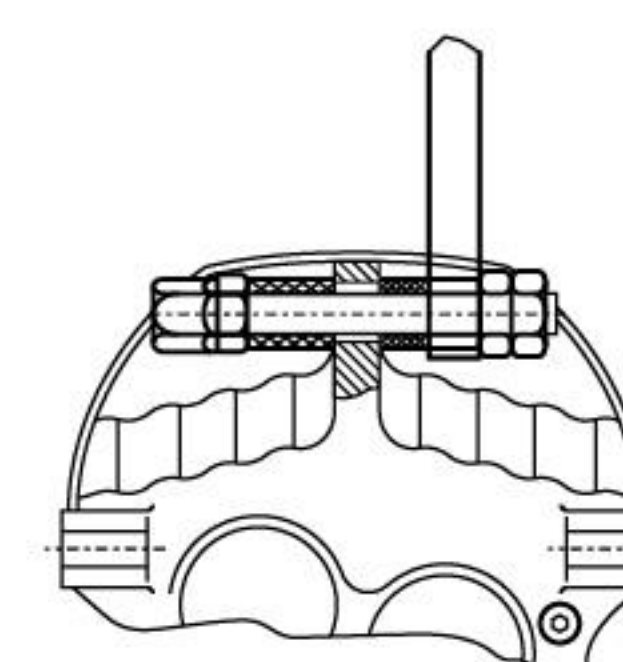
F



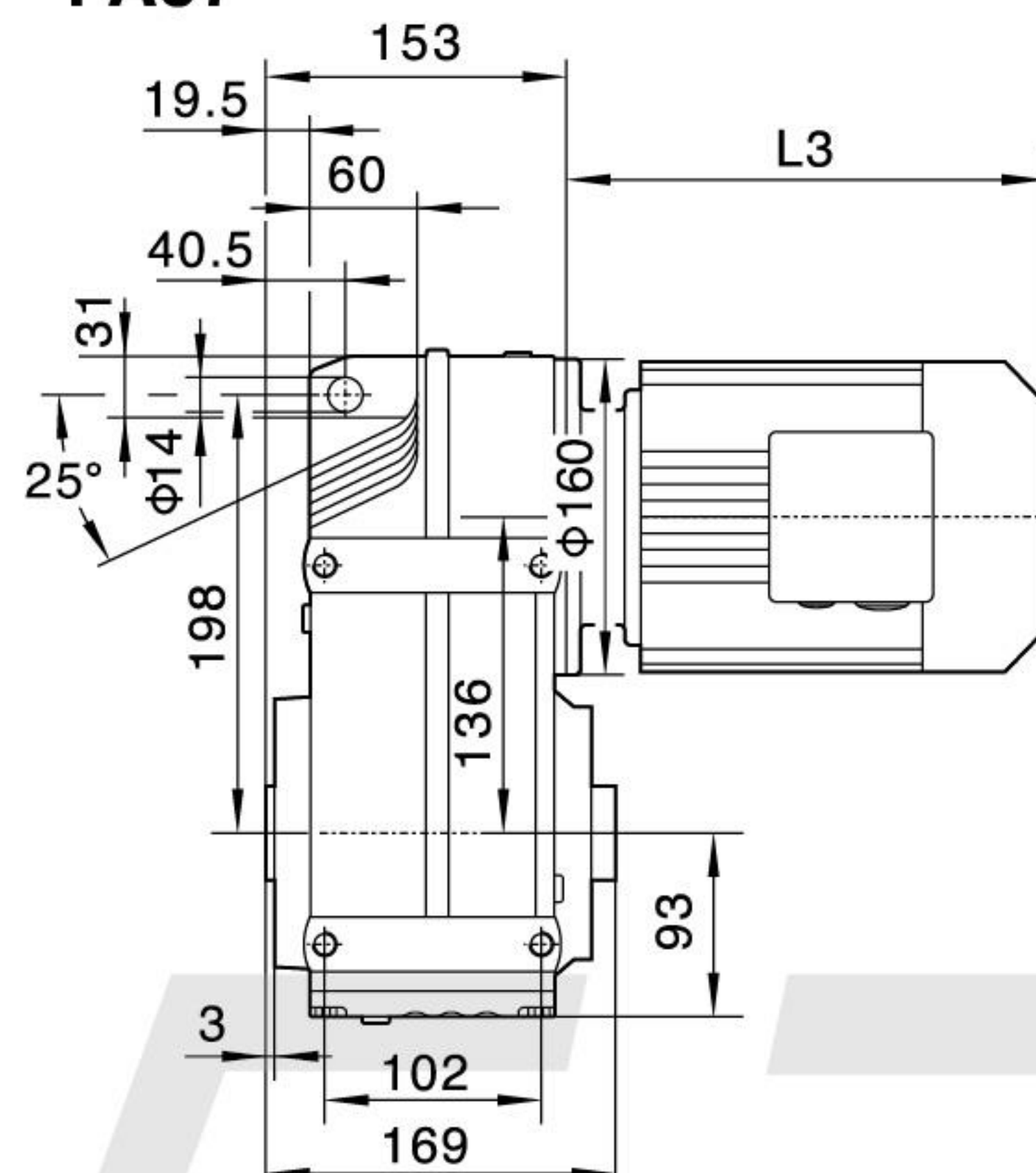
F57

FA57/FAF57/FAZ57空心轴  
/Hollow shaft

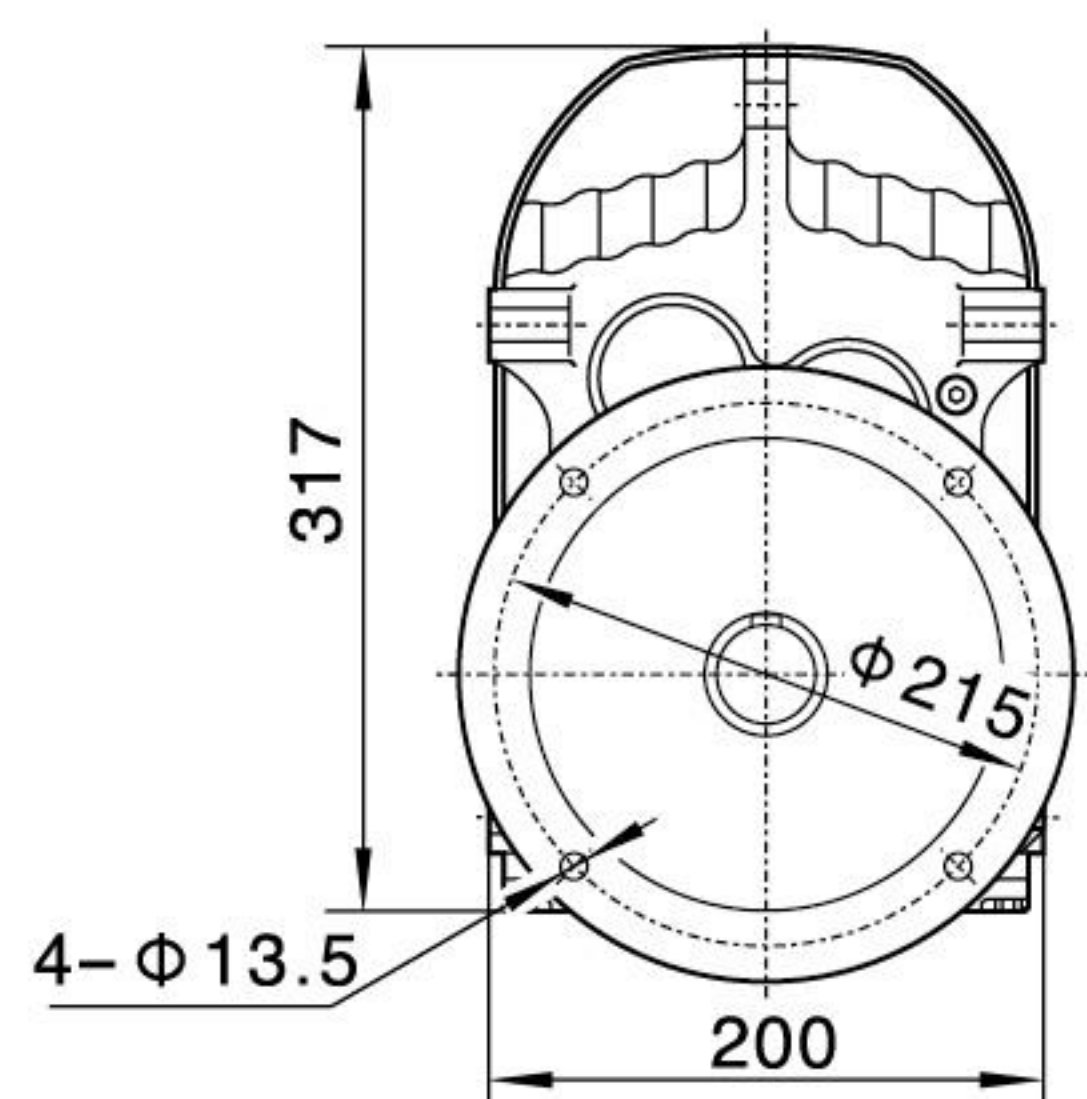
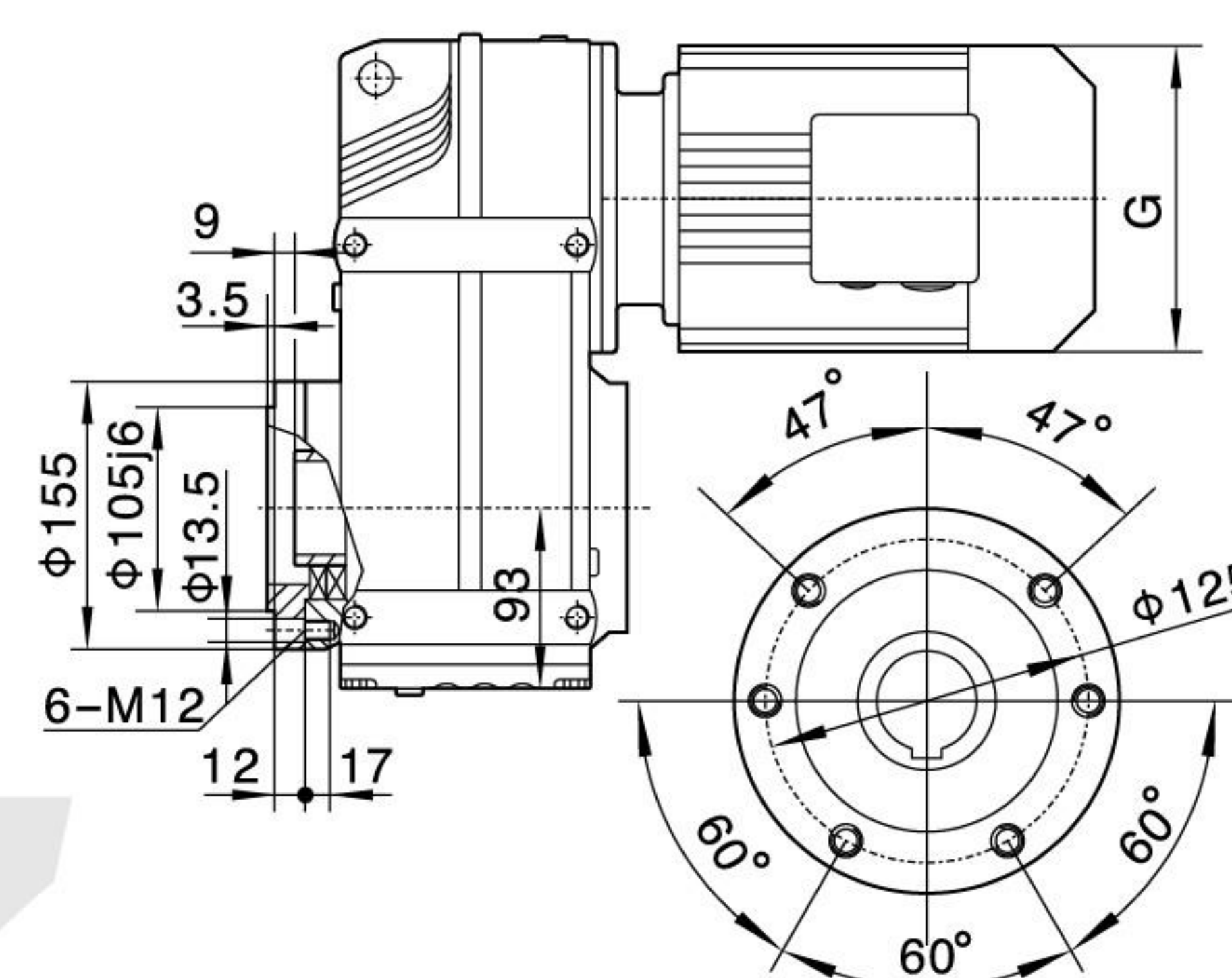
F..T57



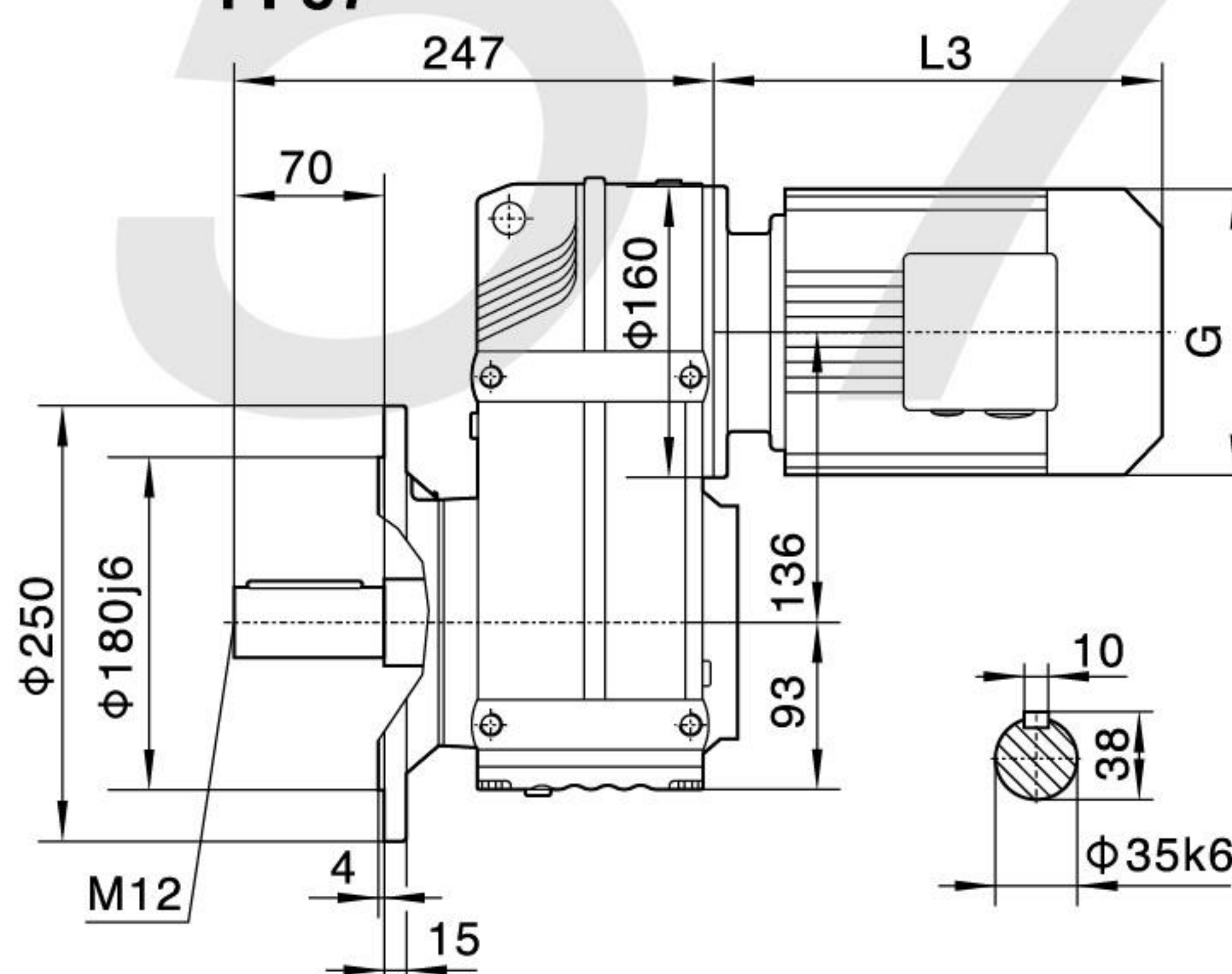
FA57



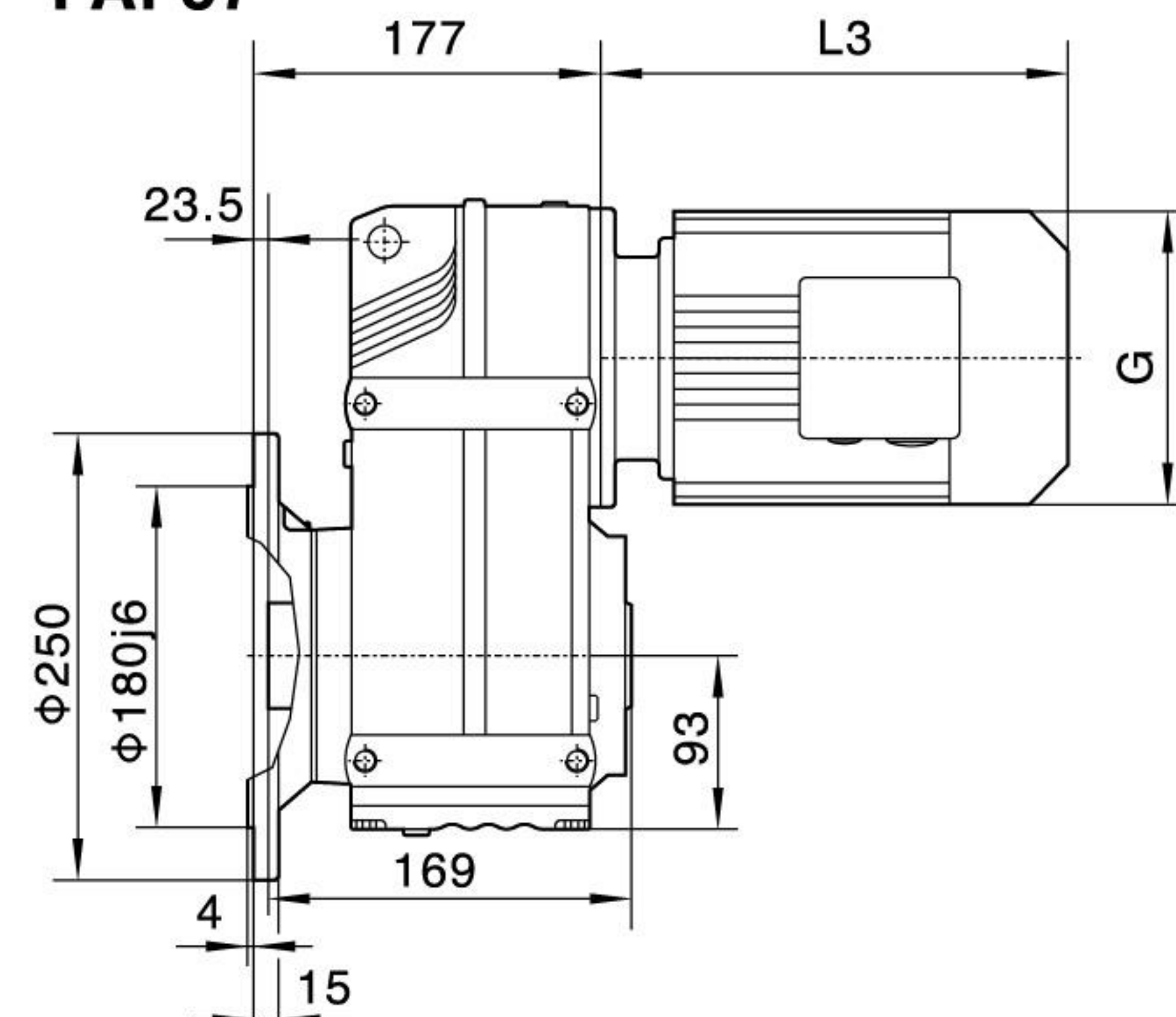
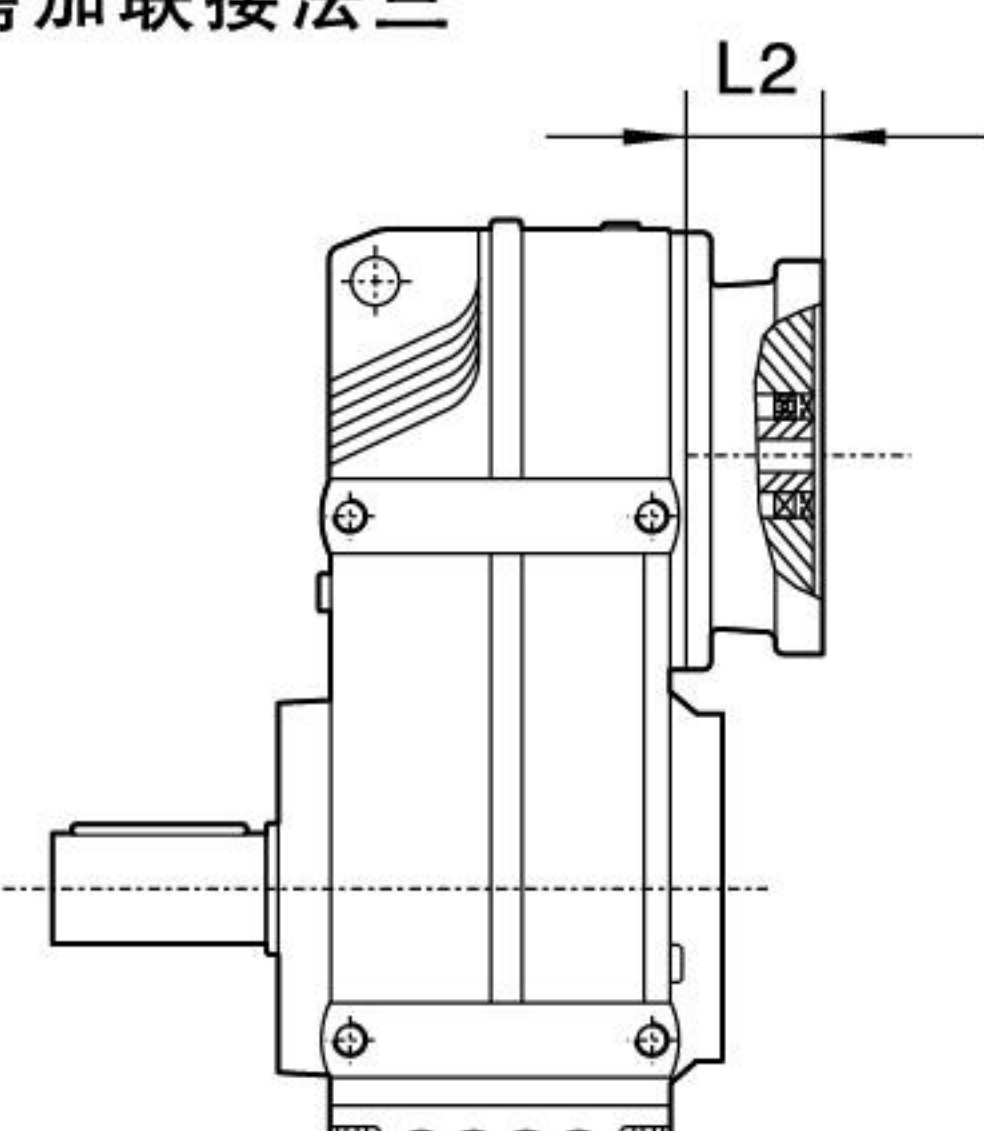
FAZ57



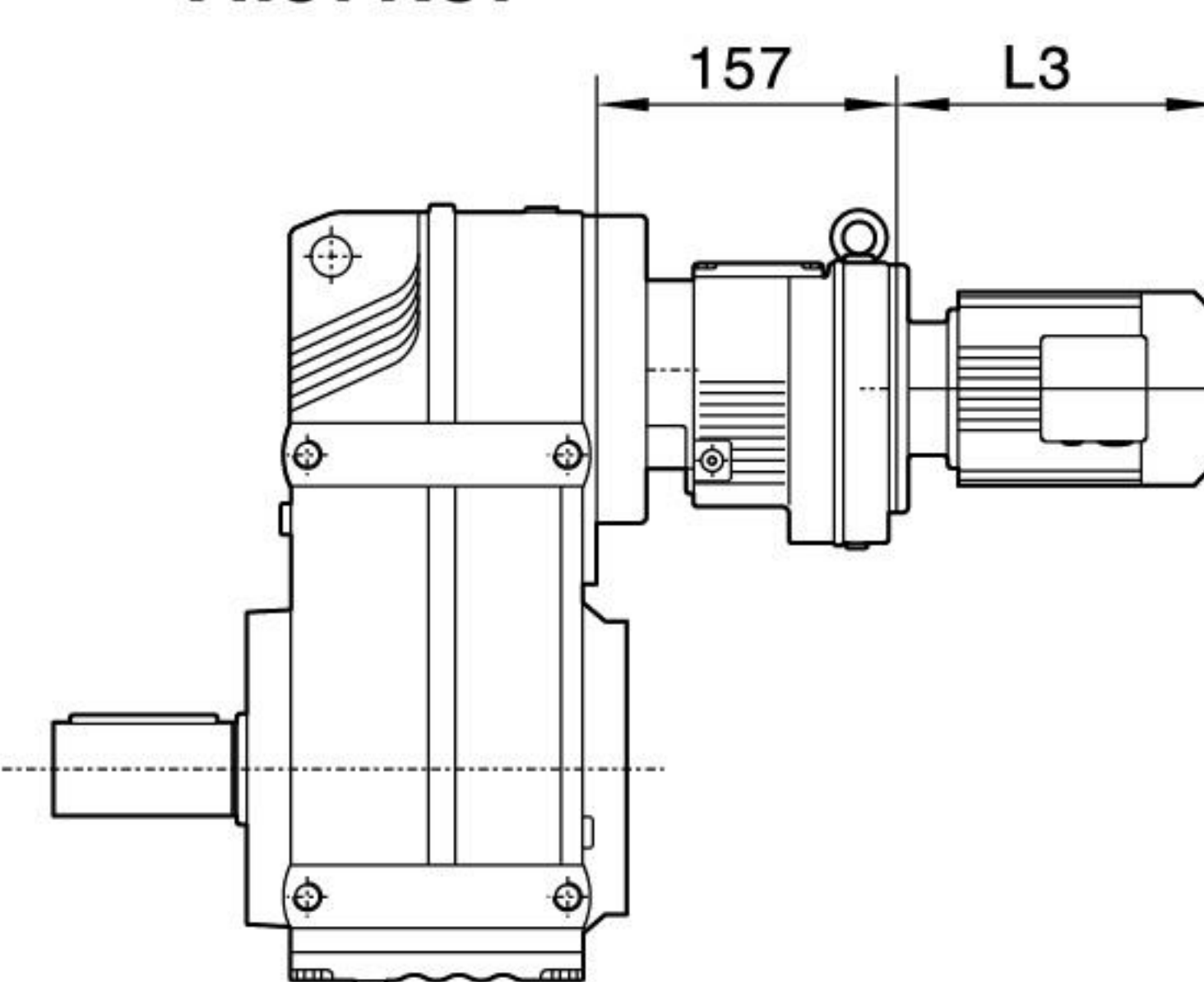
FF57



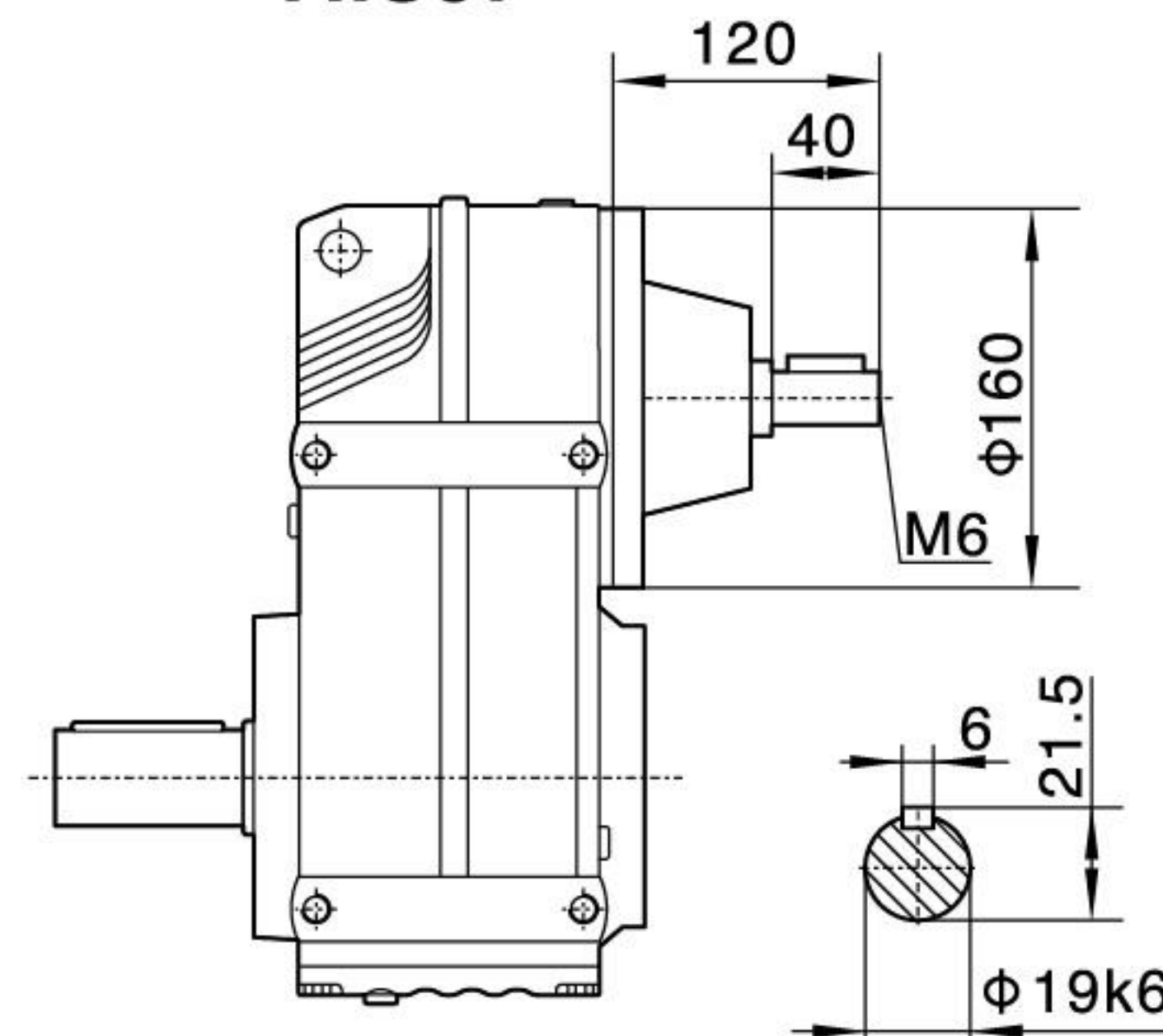
FAF57

电机需方配或配特殊电机时  
需加联接法兰

F..57R37



F..S57

注：其余尺寸见  
相对应结构形式Note: For other  
values please  
refer to the o-  
pposited stru-  
cture.When equipping the user's motor or the special  
one, the flange is required to connected.

Y2电机机座号 Motor size	63	71	80	90S	90L	100	112M	132S
功率/4P Power/(kW)	0.18	0.25 0.37	0.55 0.75	1.1	1.5	2.2 3	4	5.5
L3	223	245	278	304	328	350	380	425
G	130	145	175	195	195	215	240	275
L2	74	74	91	91	91	103	103	116

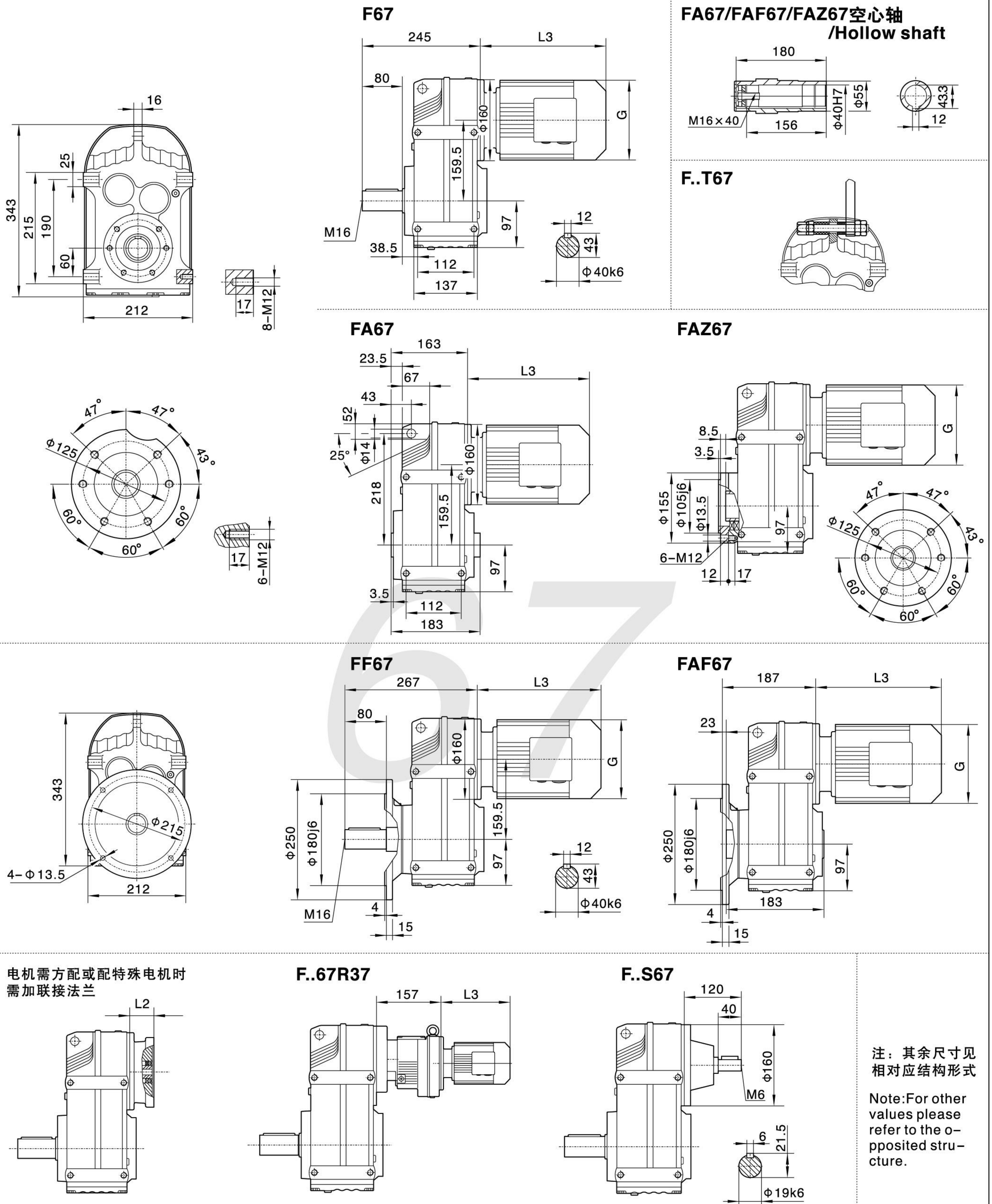
注:1.以上壳体为通用件,安装尺寸均可相互参照 2."F.."表示F、FA、FF、FAF、FAZ

Note:1.The above housings are common parts.The mounting dimensions may consult each other. 2."F.."mean F、FA、FF、FAF、FAZ





F



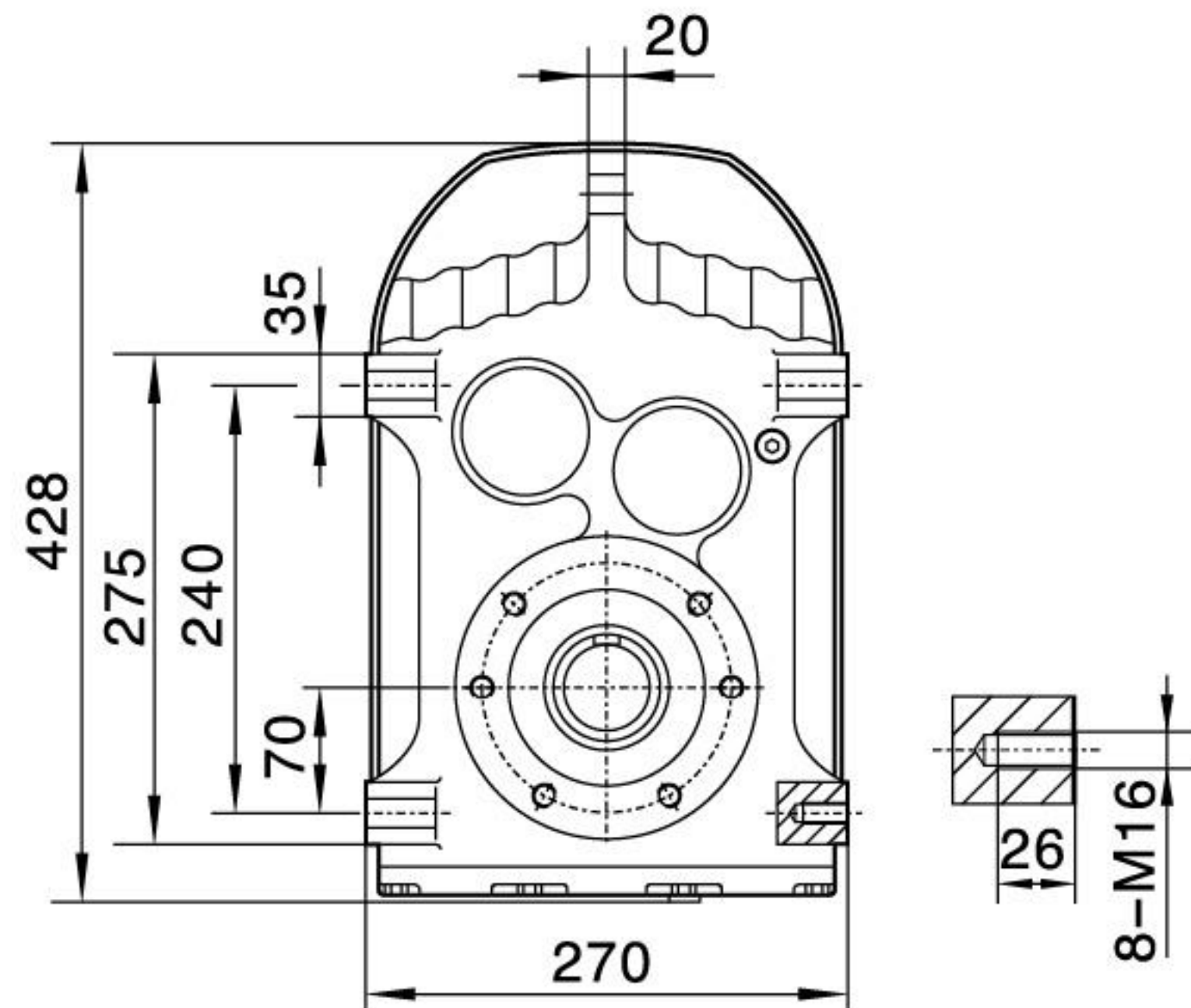
Y2电机机座号 Motor size	63	71	80	90S	90L	100	112M	132S
功率/4P Power/(kW)	0.18	0.25 0.37	0.55 0.75	1.1	1.5	2.2 3	4	5.5
L3	223	245	278	304	328	350	380	425
G	130	145	175	195	195	215	240	275
L2	74	74	91	91	91	103	103	116

注:1.以上壳体为通用件,安装尺寸均可相互参照 2."F.."表示F、FA、FF、FAF、FAZ  
Note:1.The above housings are common parts.The mounting dimensions may consult each other. 2."F.."mean F、FA、FF、FAF、FAZ

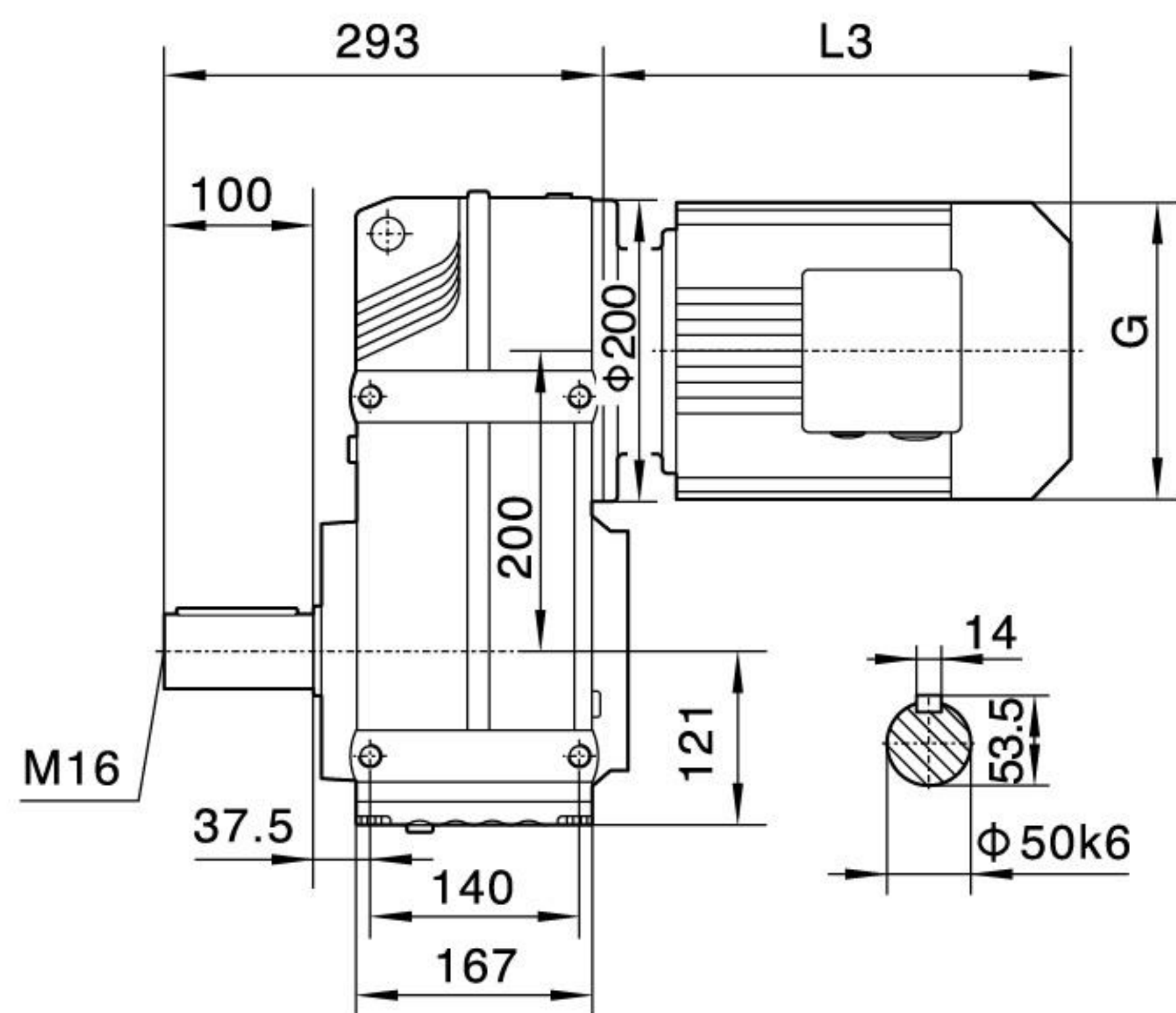
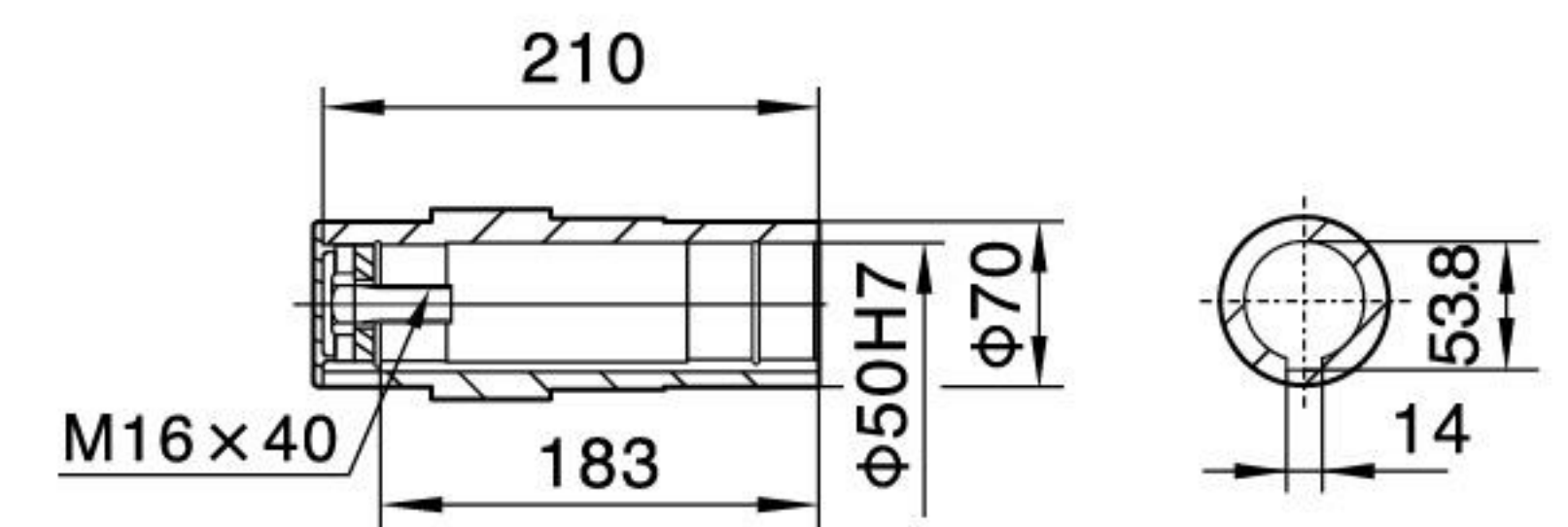




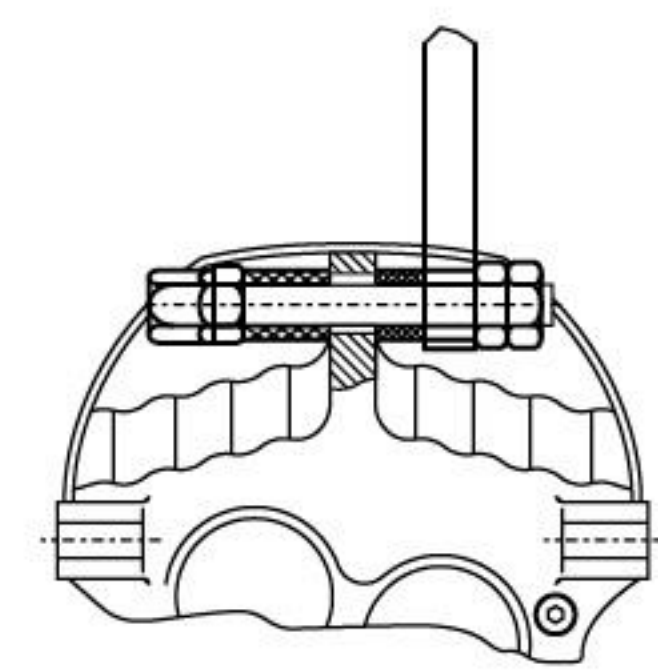
F



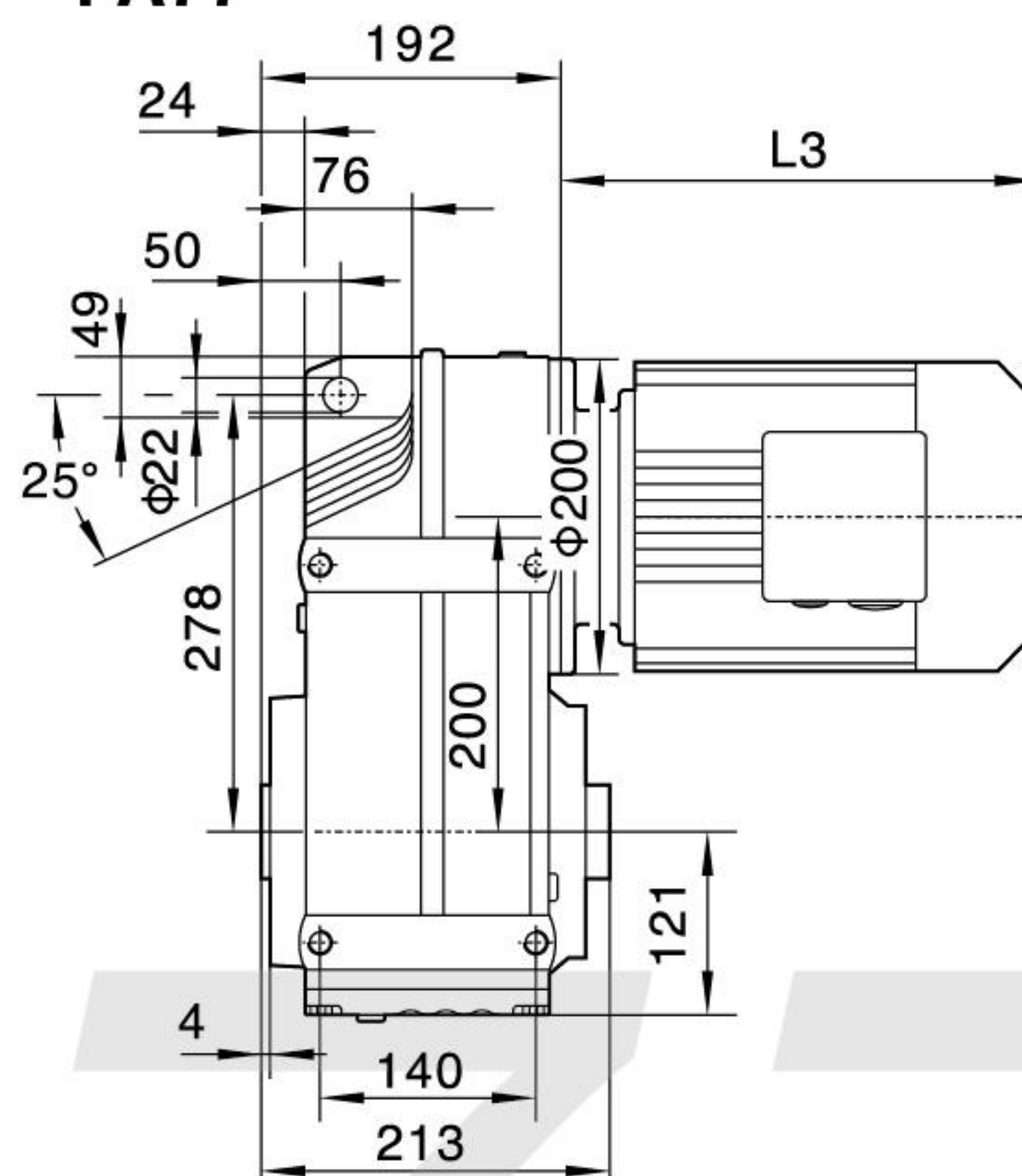
F77

FA77/FAF77/FAZ77空心轴  
/Hollow shaft

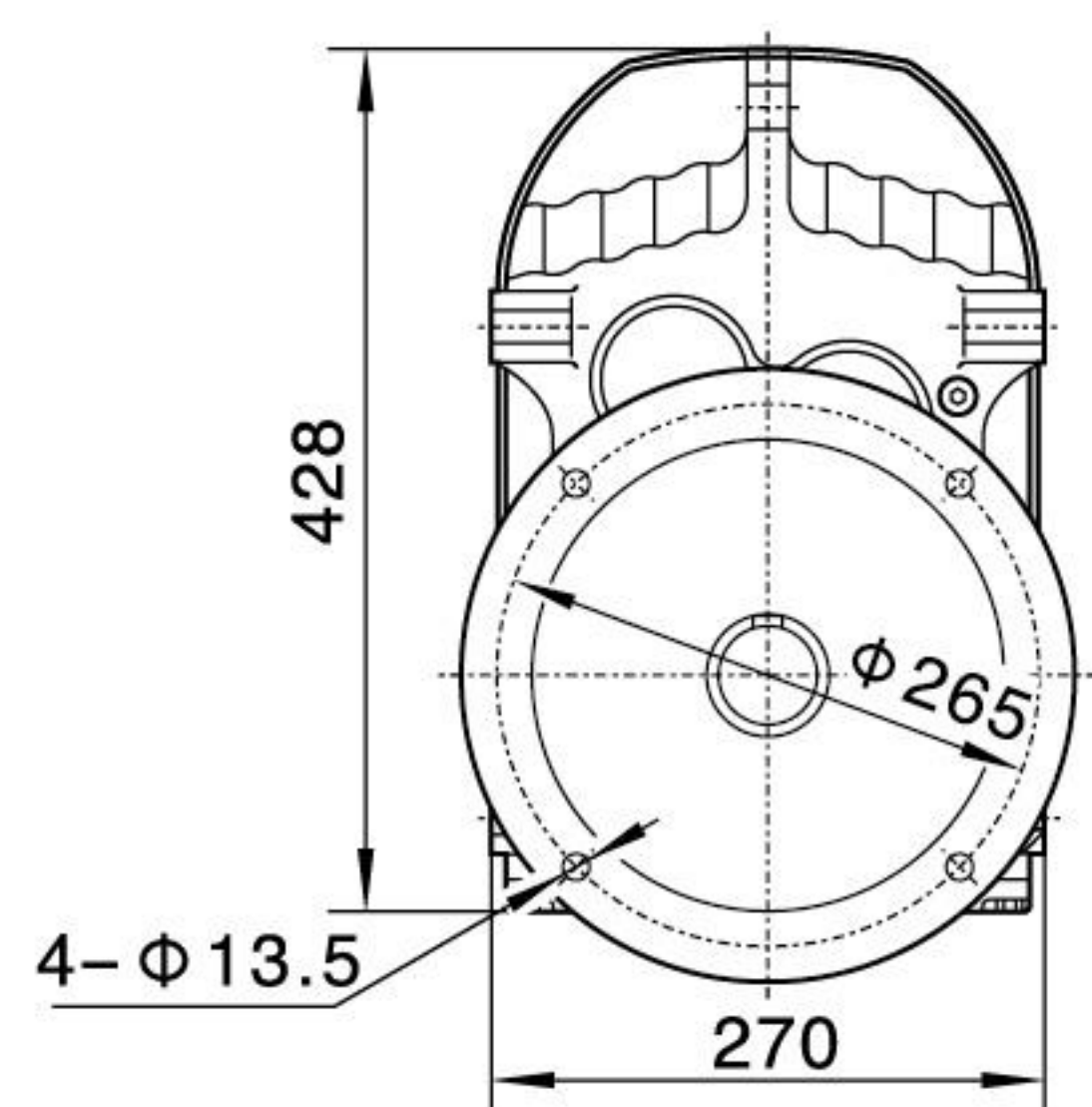
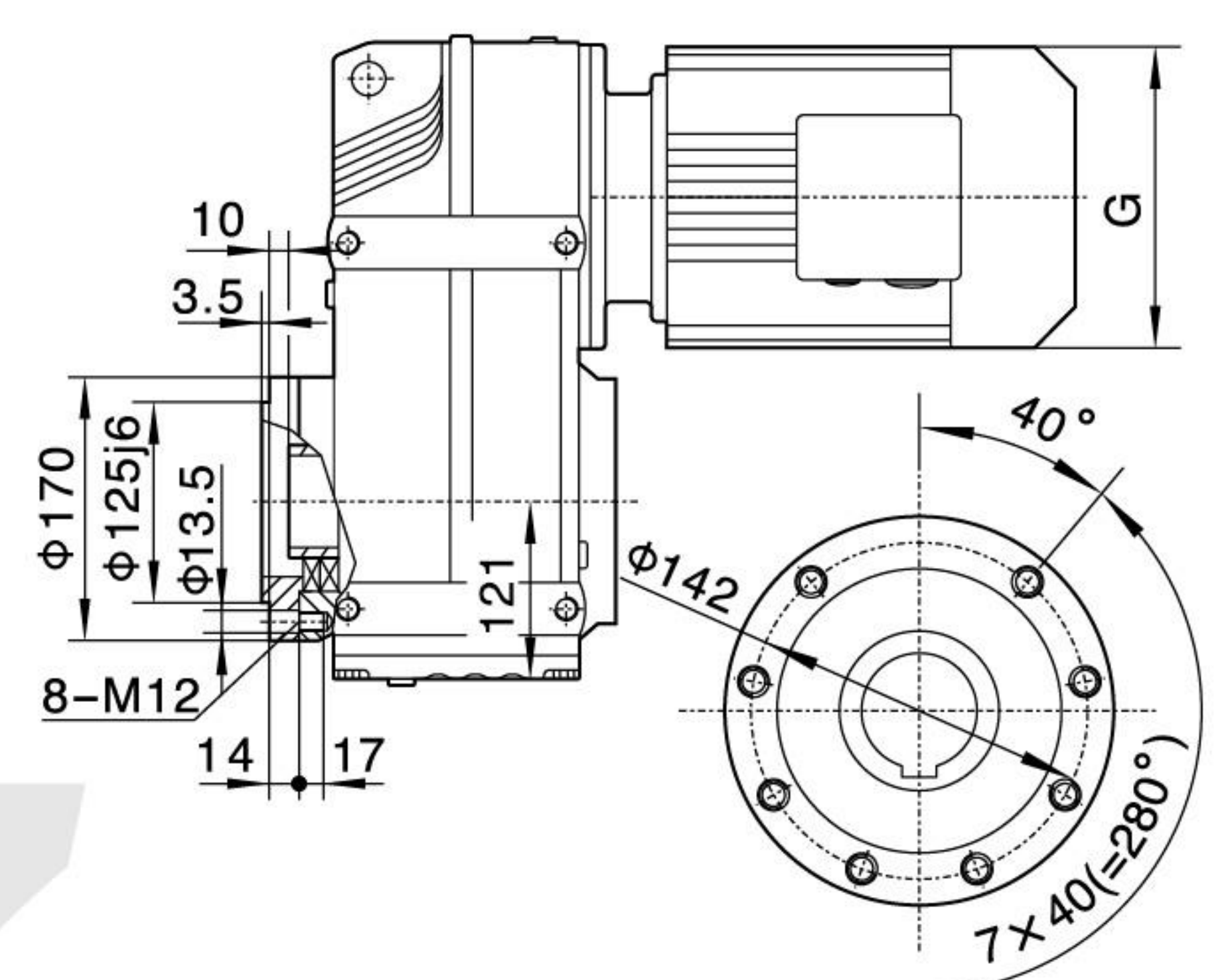
F..T77



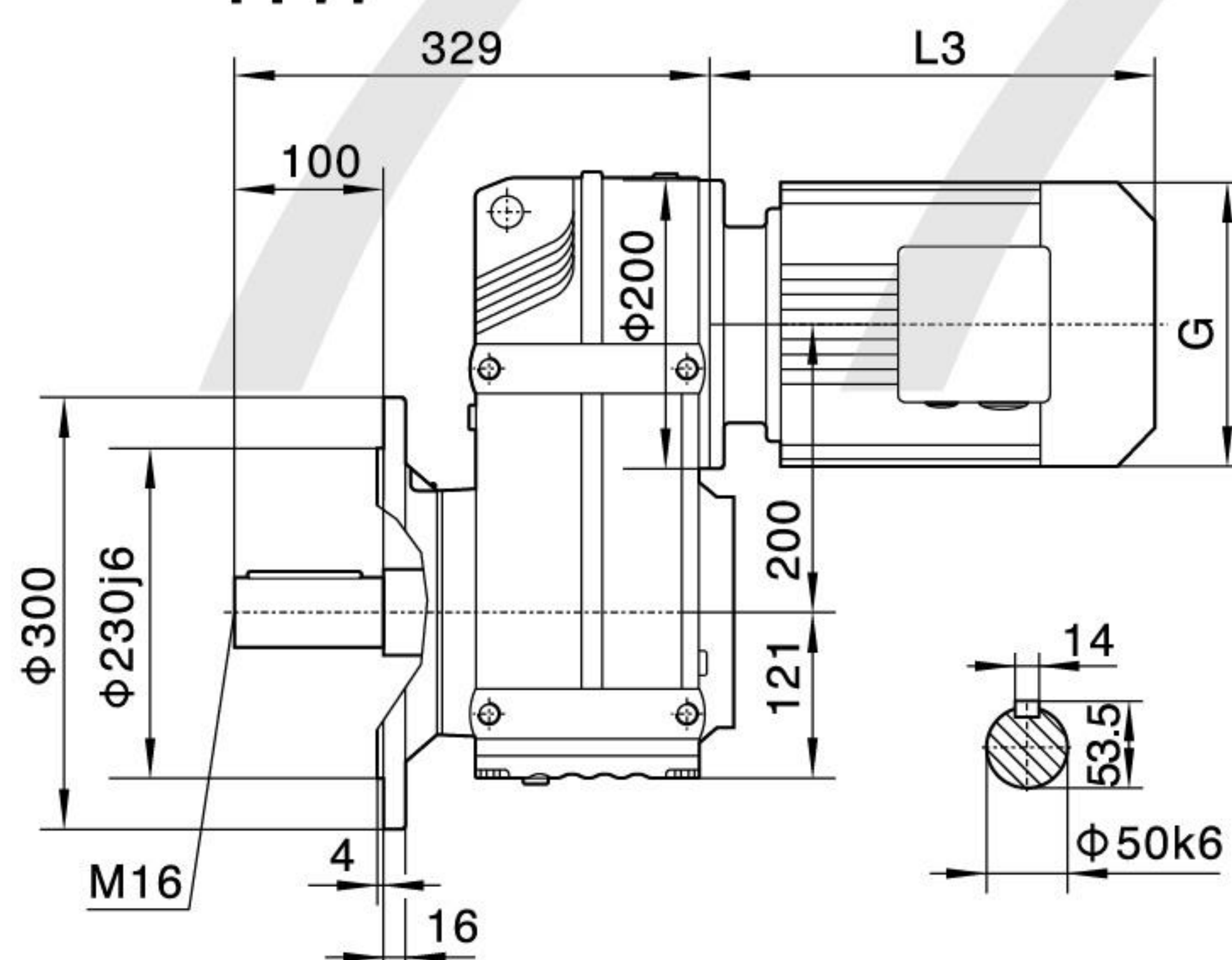
FA77



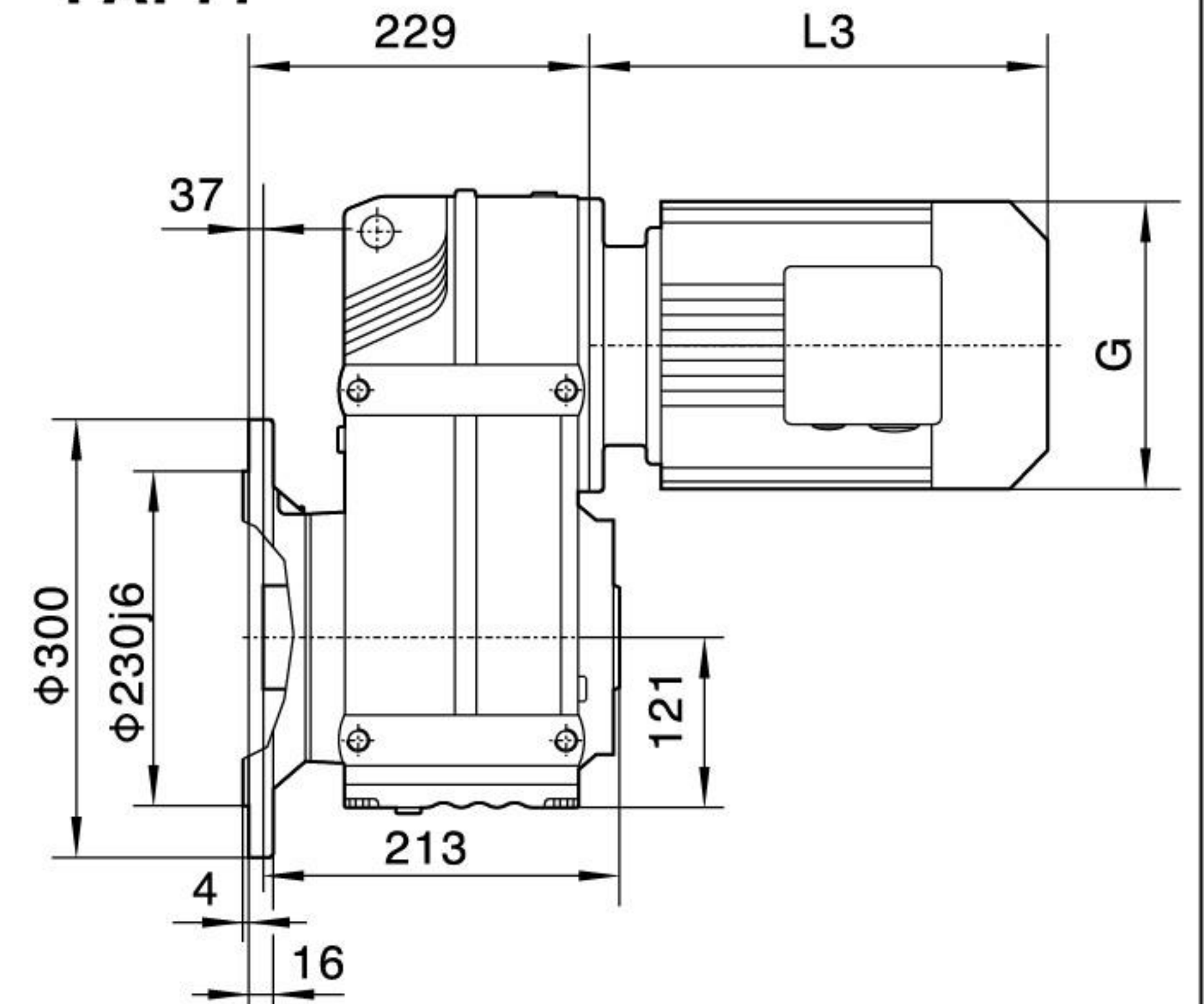
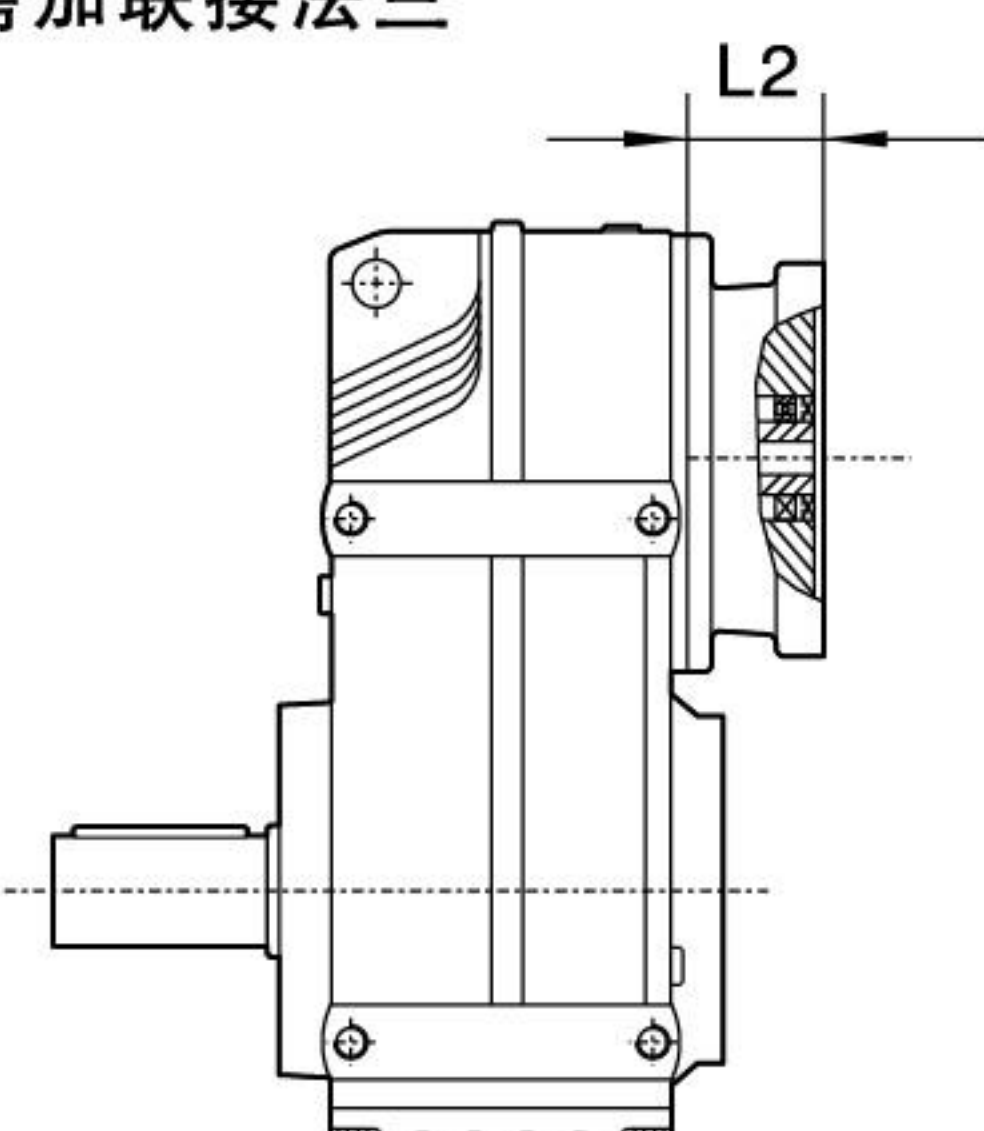
FAZ77



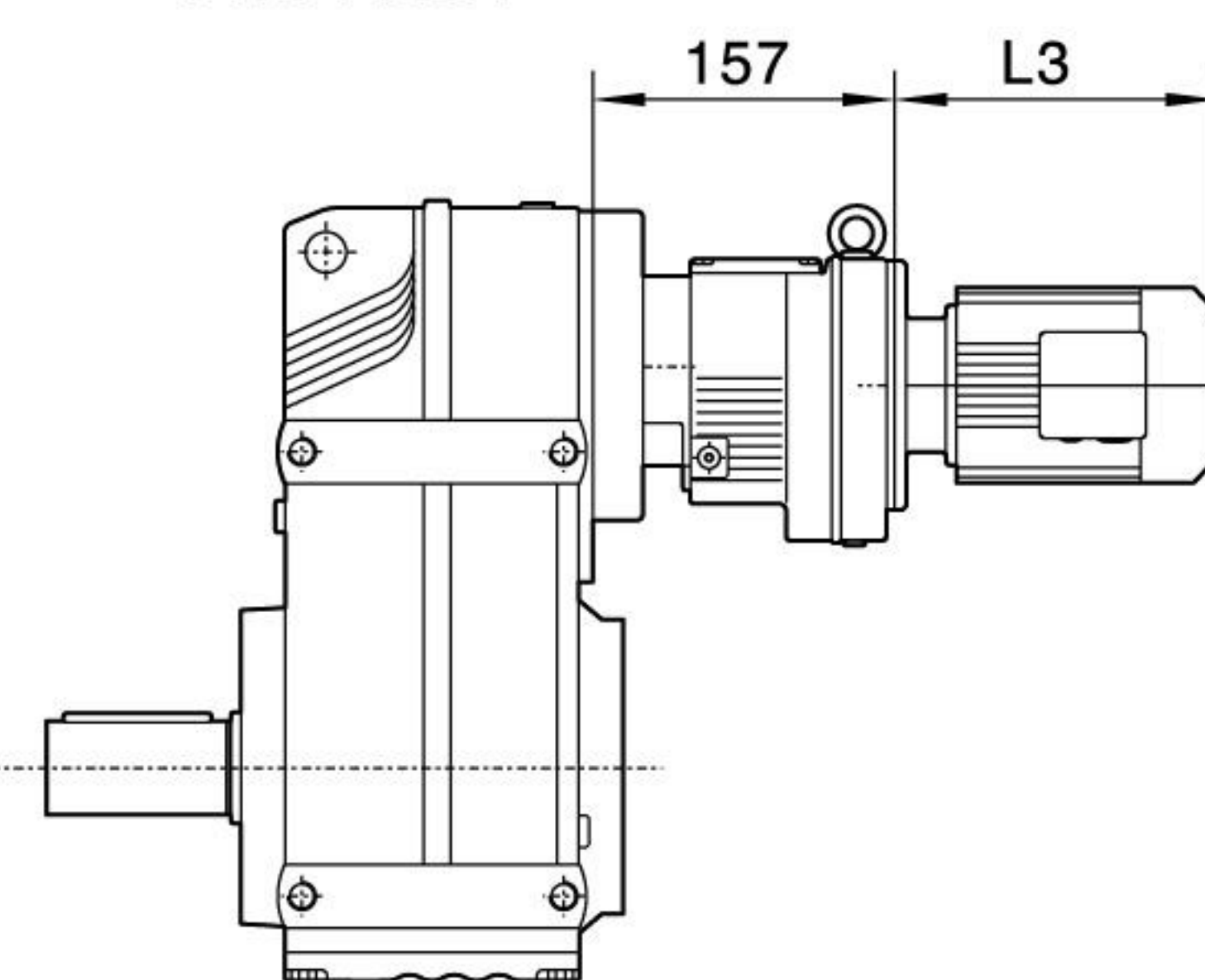
FF77



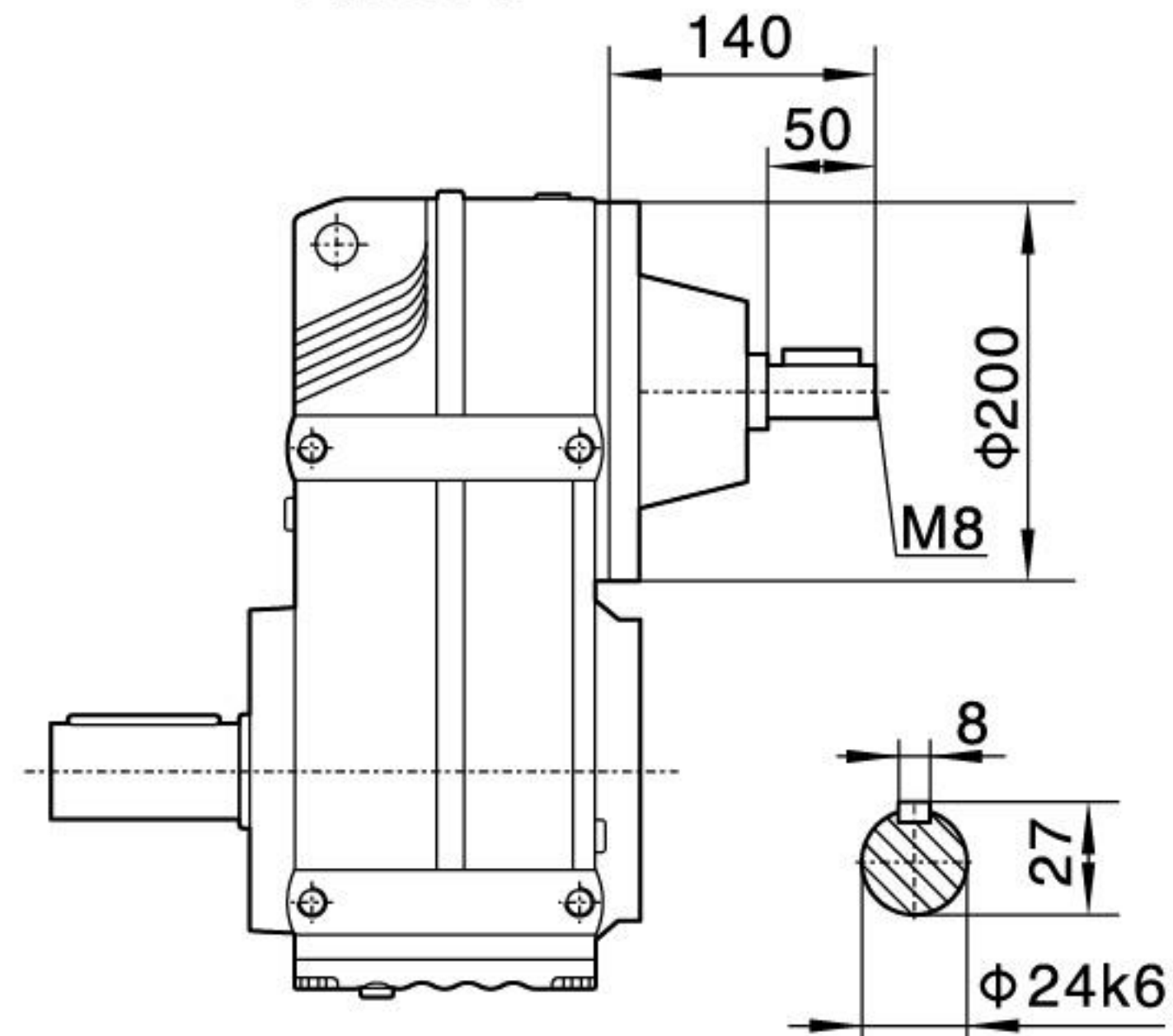
FAF77

电机需方配或配特殊电机时  
需加联接法兰

F..77R37



F..S77

注：其余尺寸见  
相对应结构形式Note: For other  
values please  
refer to the o-  
pposited stru-  
cture.When equipping the user's motor or the special  
one, the flange is required to connected.

Y2电机机座号 Motor size	71	80	90S	90L	100	112M	132S	132M	160M
功率/4P Power/(kW)	0.37	0.55 0.75	1.1	1.5	2.2 3	4	5.5	7.5	11
L3	233	278	304	328	350	380	425	461	524
G	145	175	195	195	215	240	275	275	330
L2	65	81	81	81	93	93	108	108	131

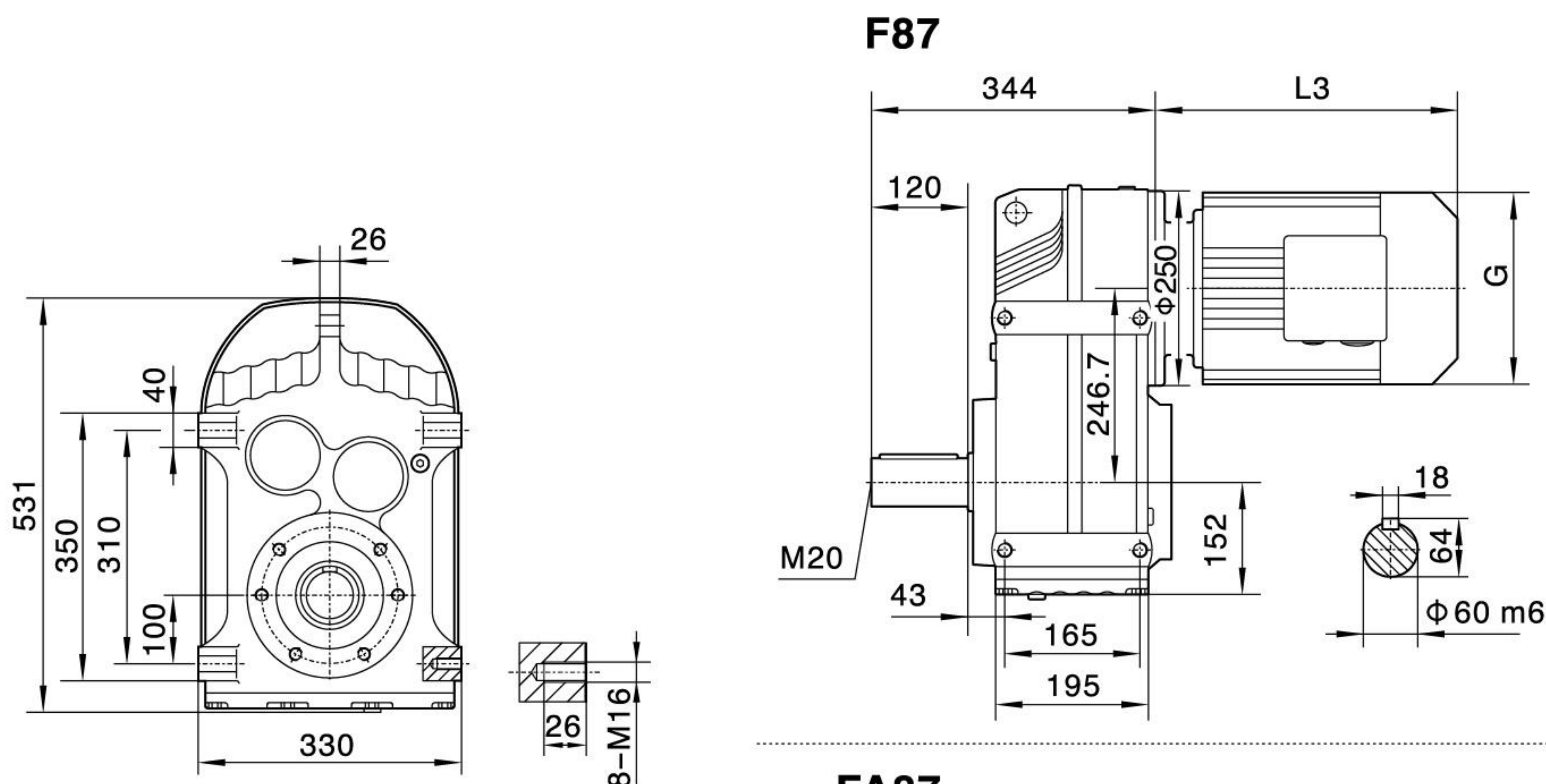
注:1.以上壳体为通用件,安装尺寸均可相互参照 2."F.."表示F、FA、FF、FAF、FAZ

Note:1.The above housings are common parts.The mounting dimensions may consult each other. 2."F.."mean F、FA、FF、FAF、FAZ

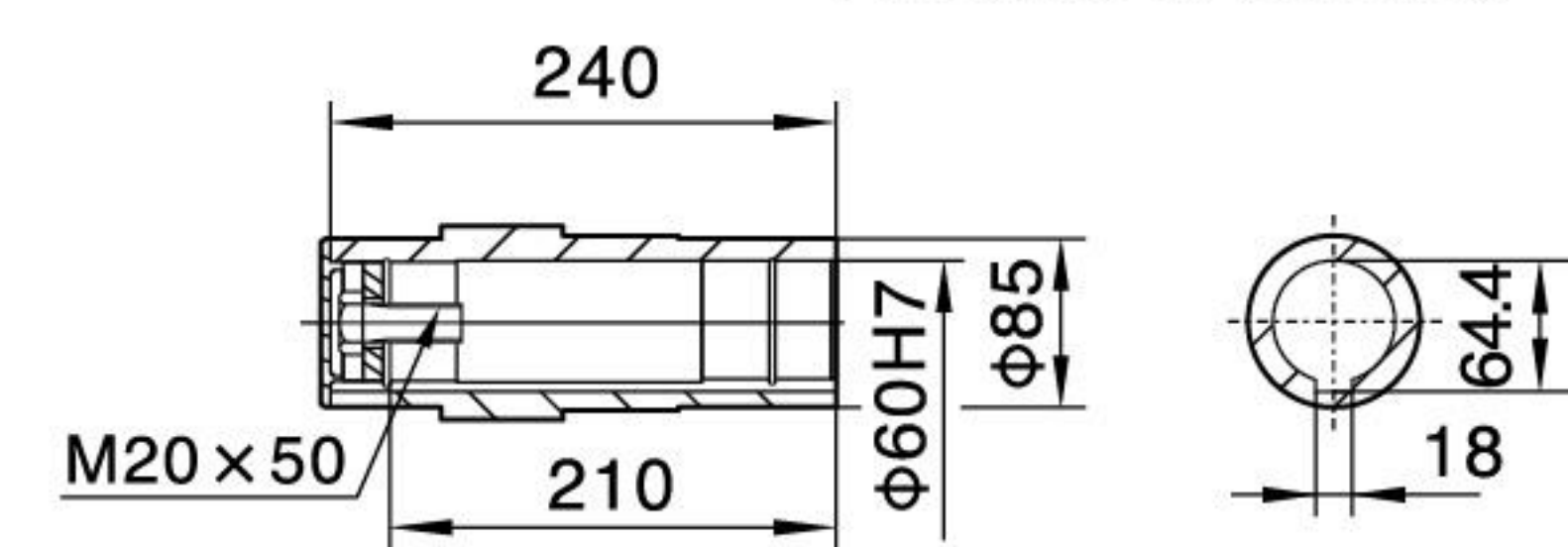




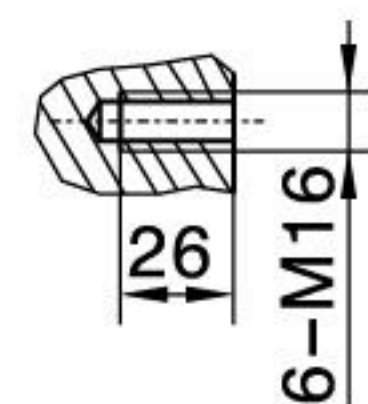
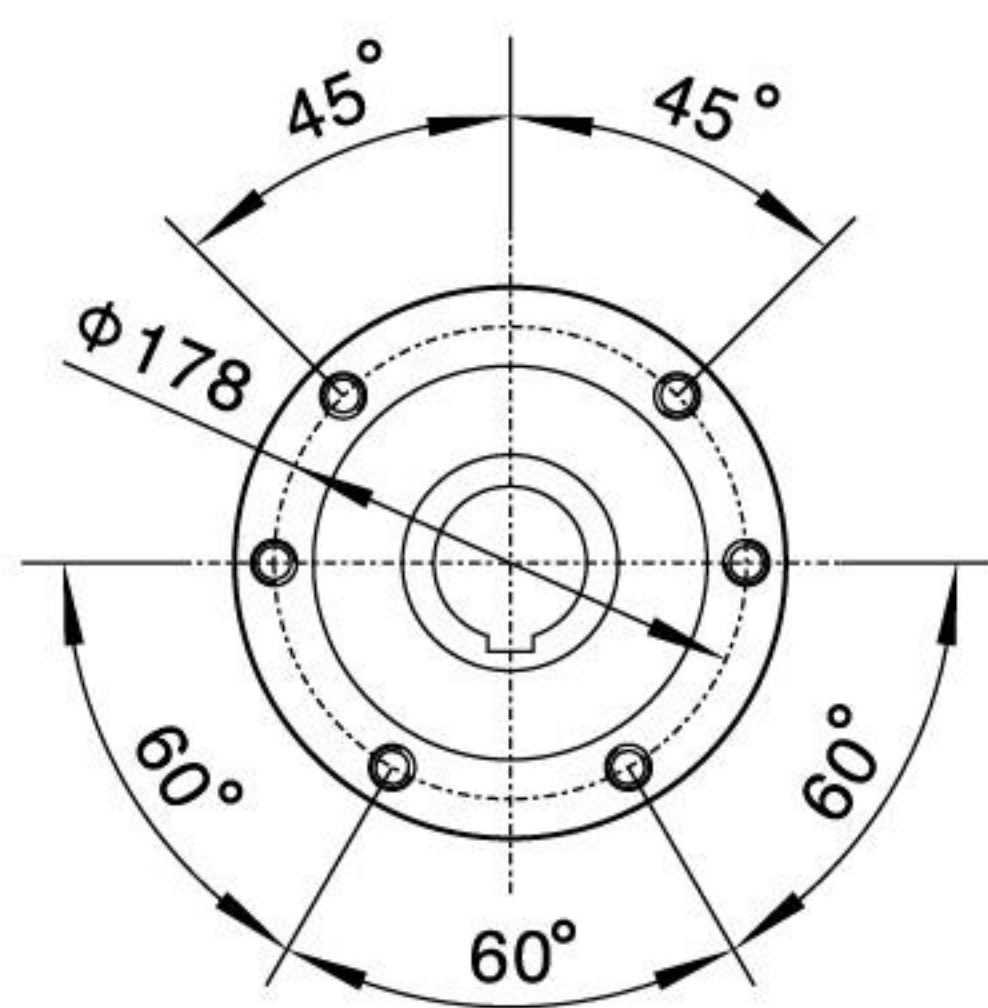
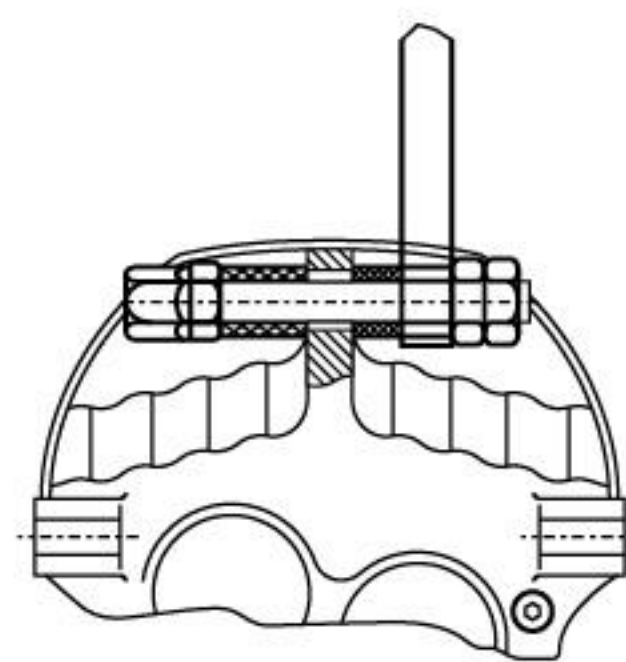
F



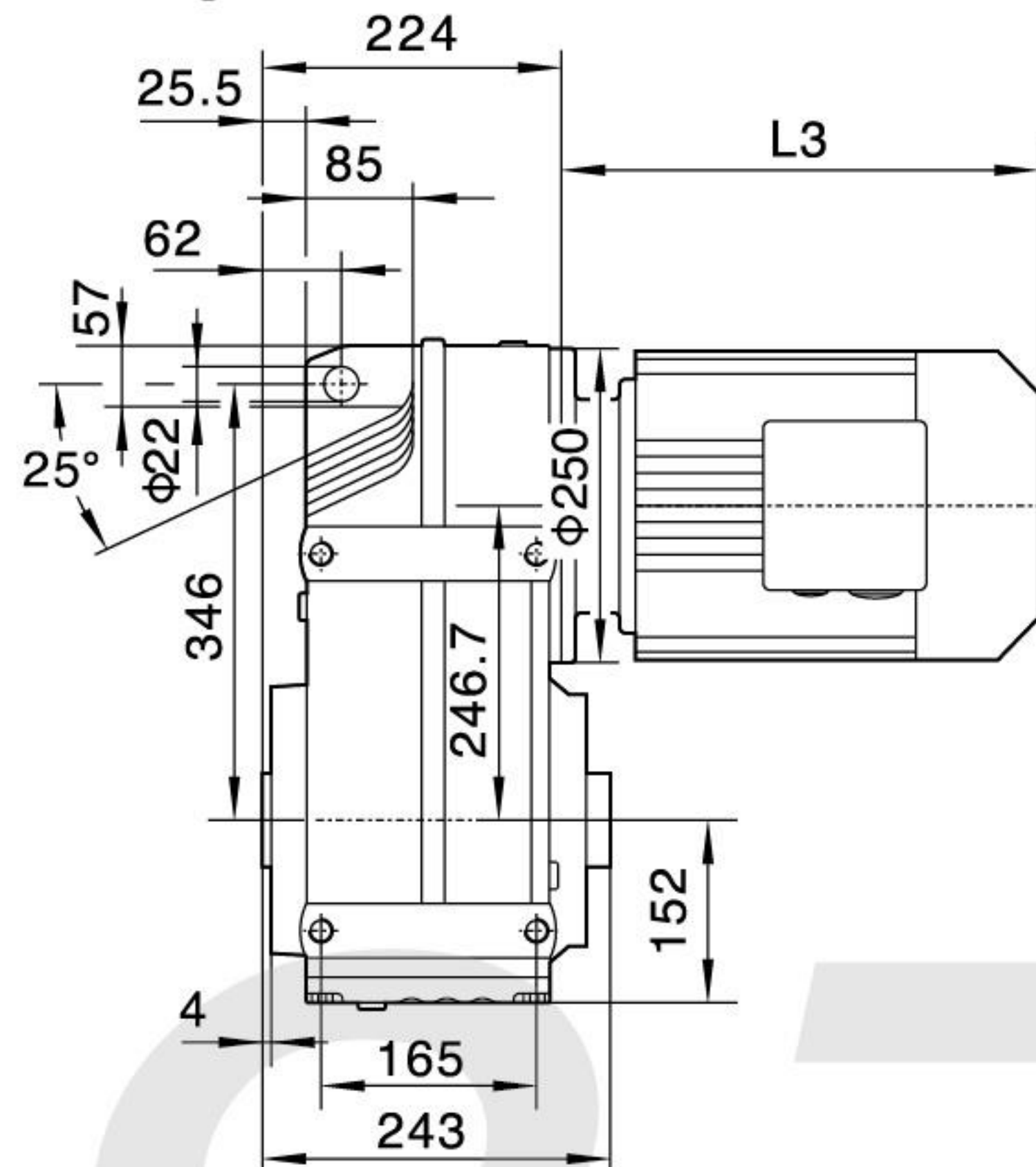
**FA87/FAF87/FAZ87空心轴  
/Hollow shaft**



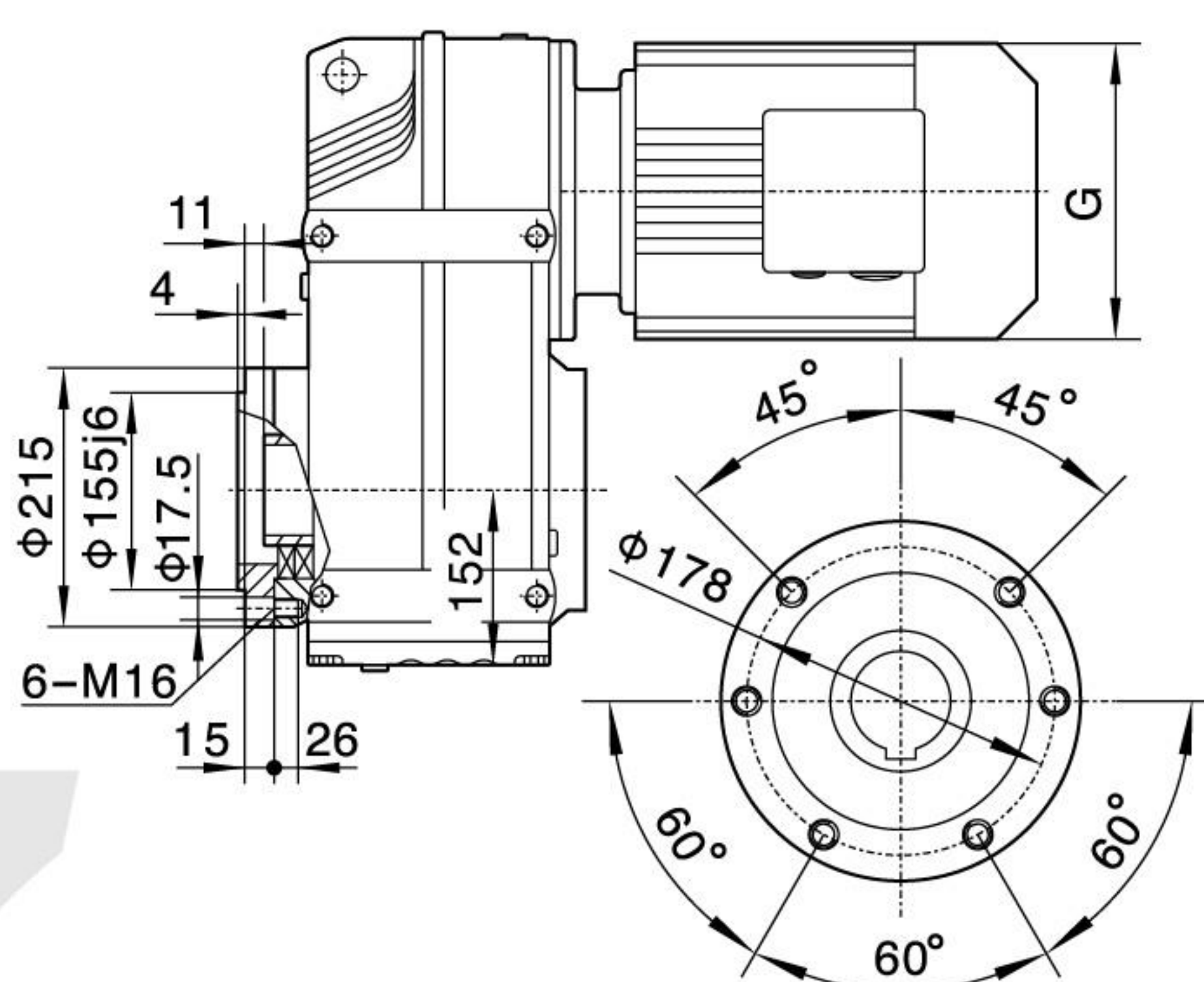
**F..T87**



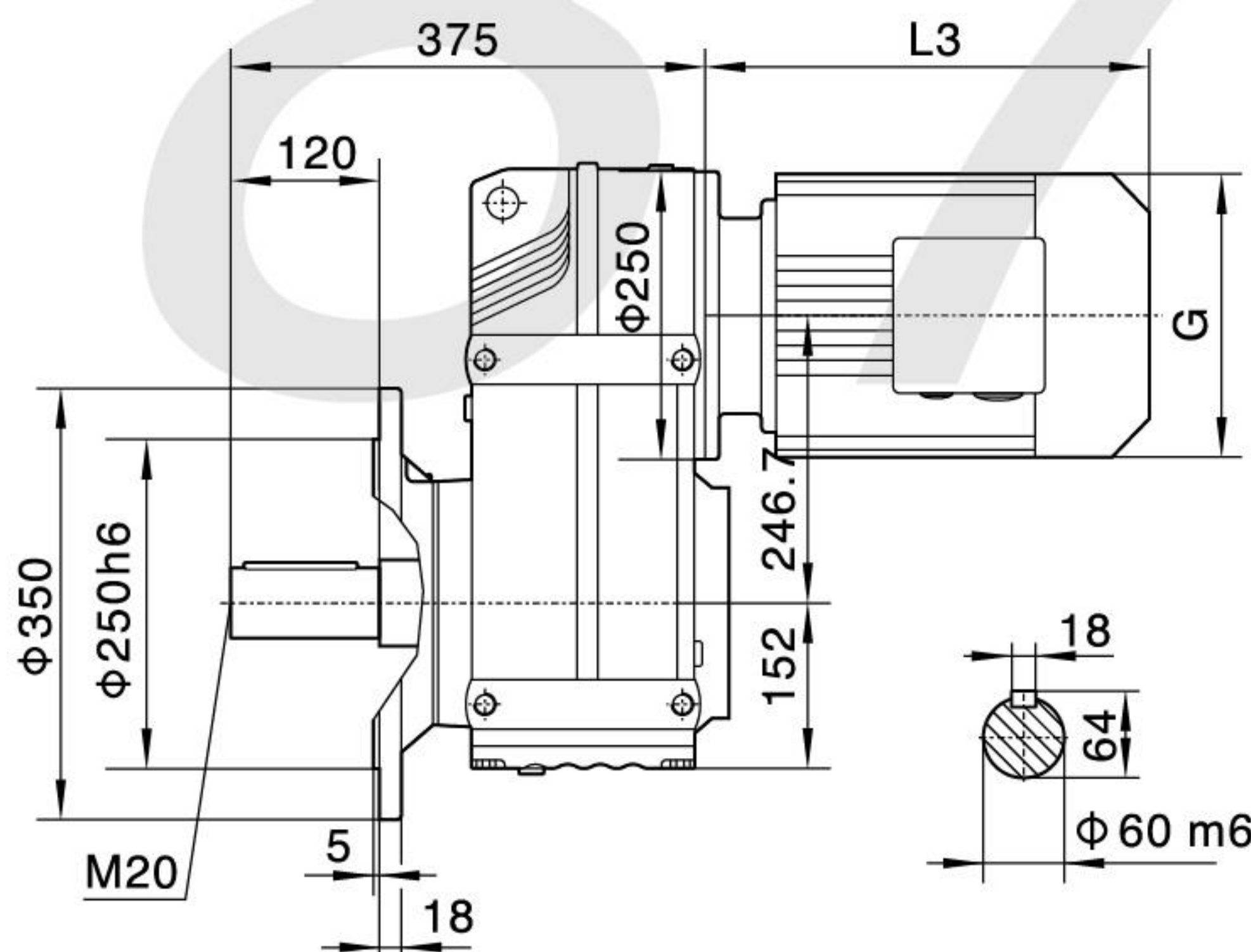
**FA87**



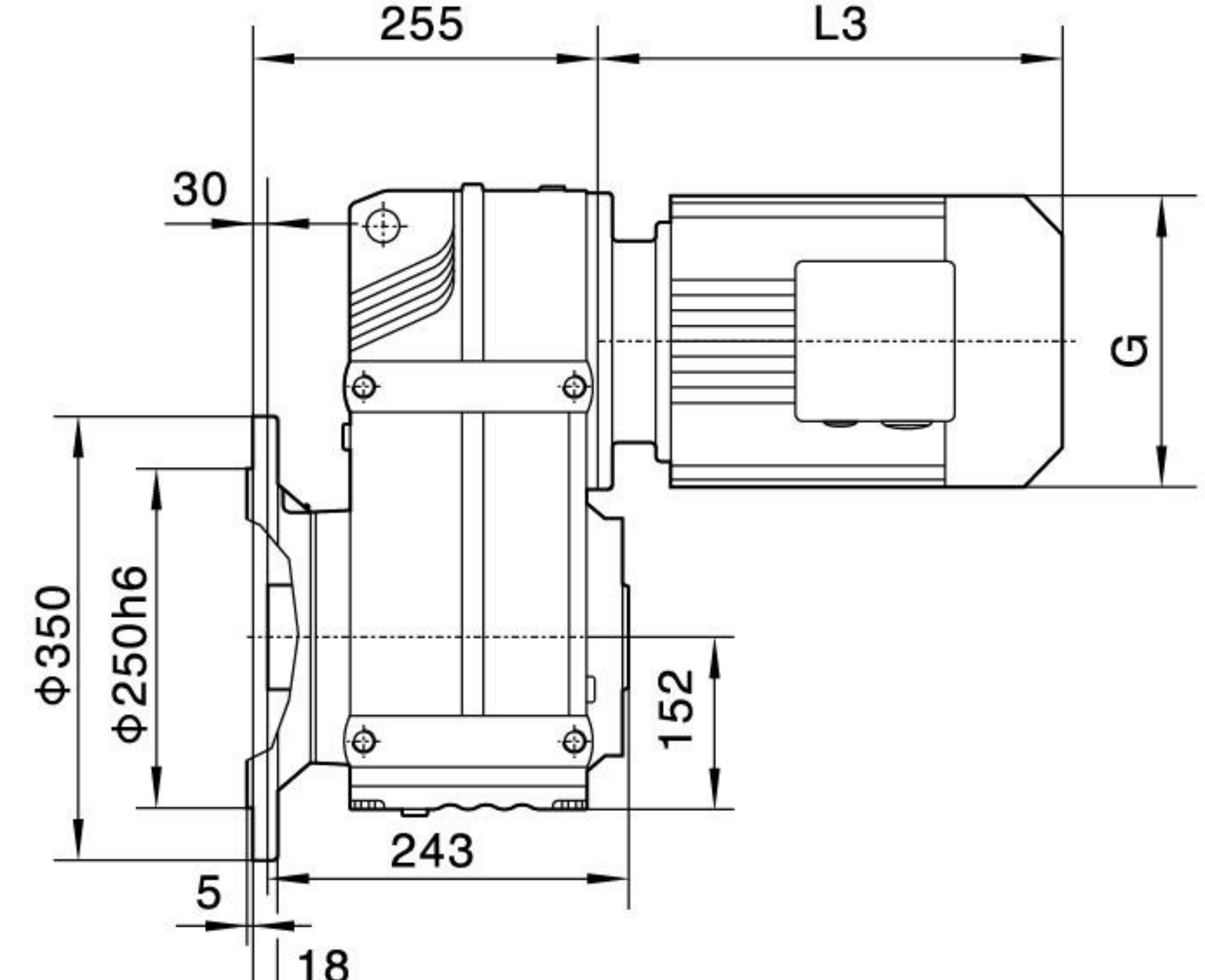
**FAZ87**



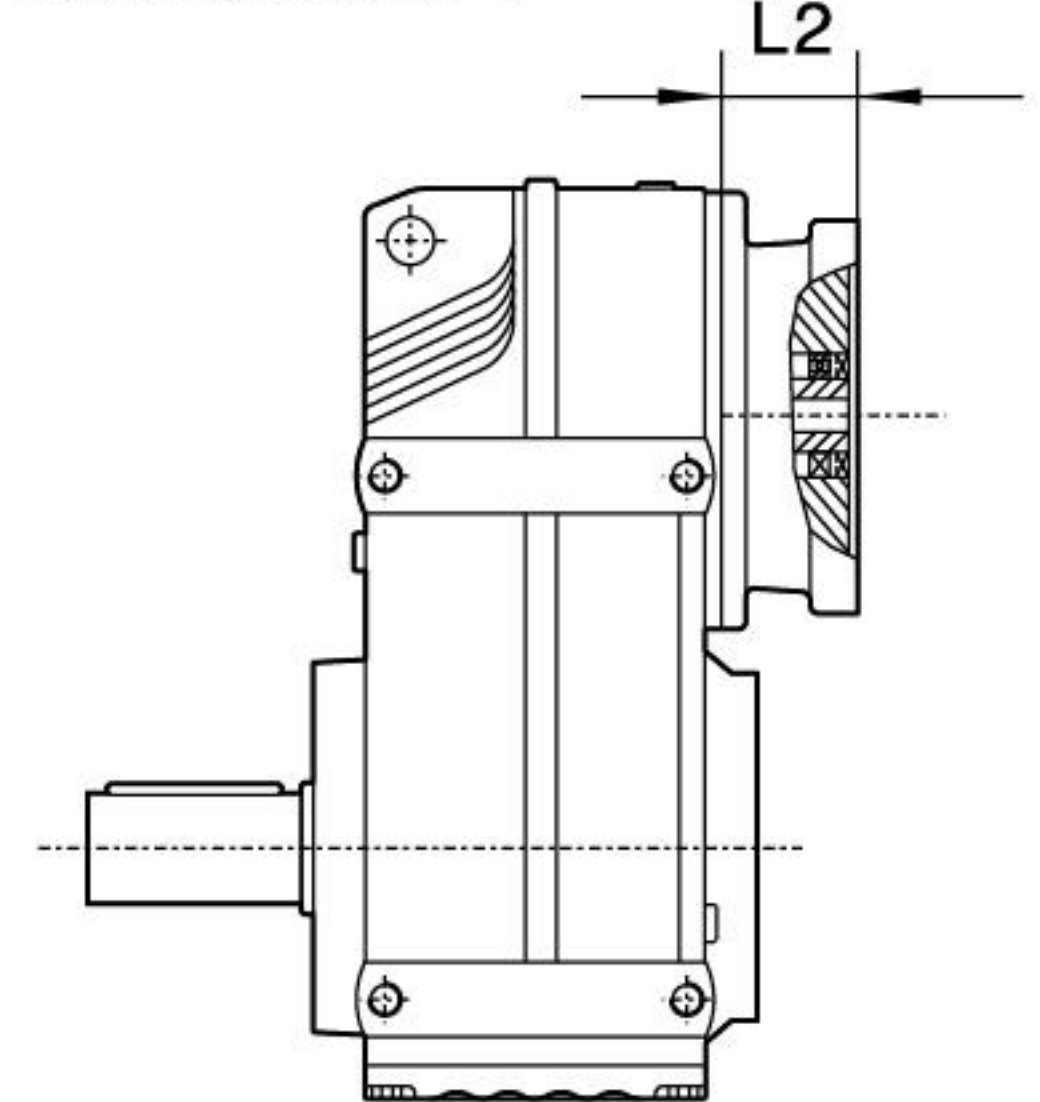
**FF87**



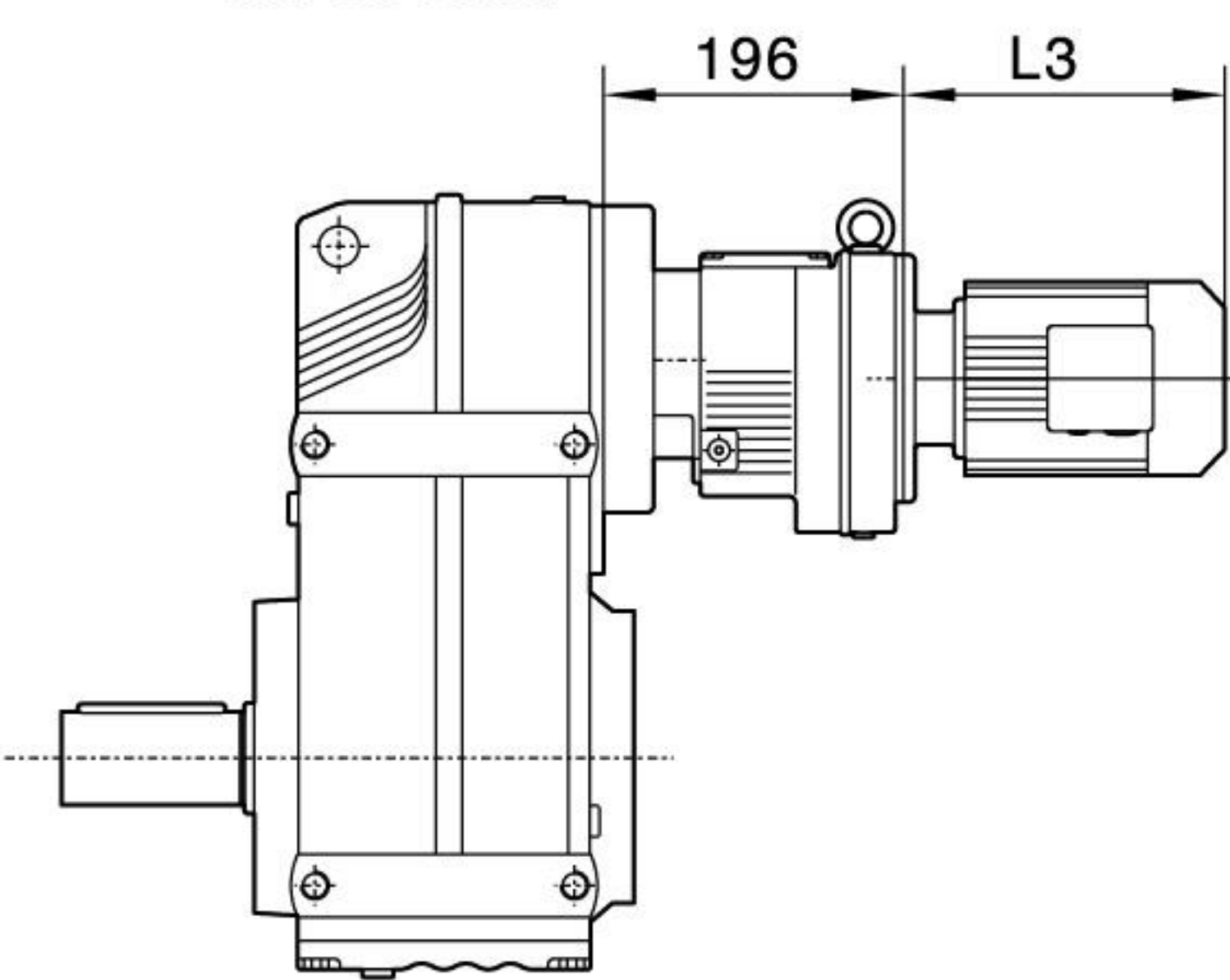
**FAF87**



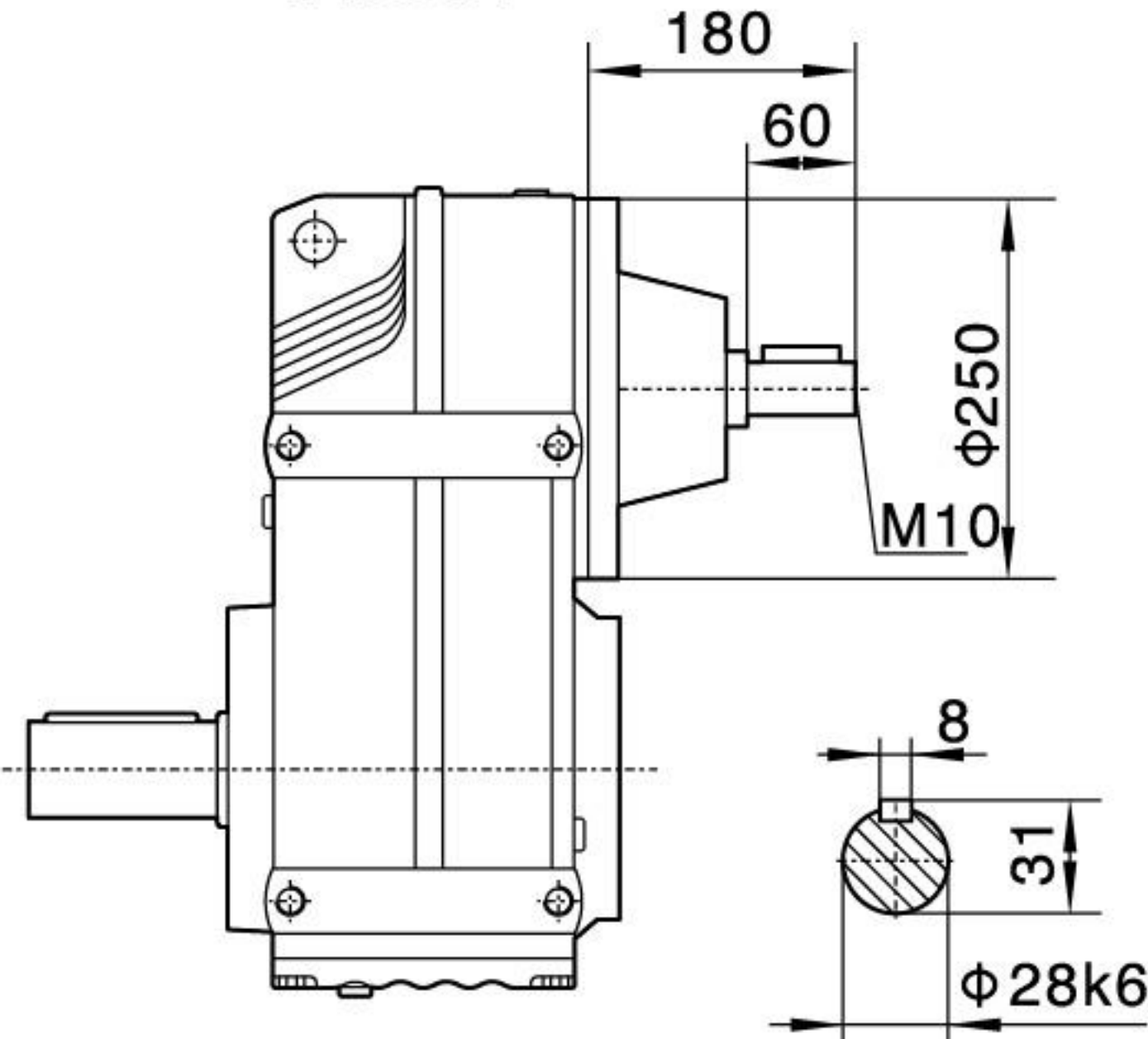
电机需方配或配特殊电机时  
需加联接法兰



**F..87R57**



**F..S87**



注：其余尺寸见  
相对应结构形式

Note: For other  
values please  
refer to the o-  
pposited stru-  
cture.

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

Y2电机机座号 Motor size	80	90S	90L	100	112M	132S	132M	160M	160L	180M	180L
功率/4P Power/(kW)	0.75	1.1	1.5	2.2 3	4	5.5	7.5	11	15	18.5	22
L3	246	280	304	350	380	425	461	524	547	583	616
G	175	195	195	215	240	275	275	330	330	380	380
L2	76	76	76	88	88	101	101	131	131	126	126

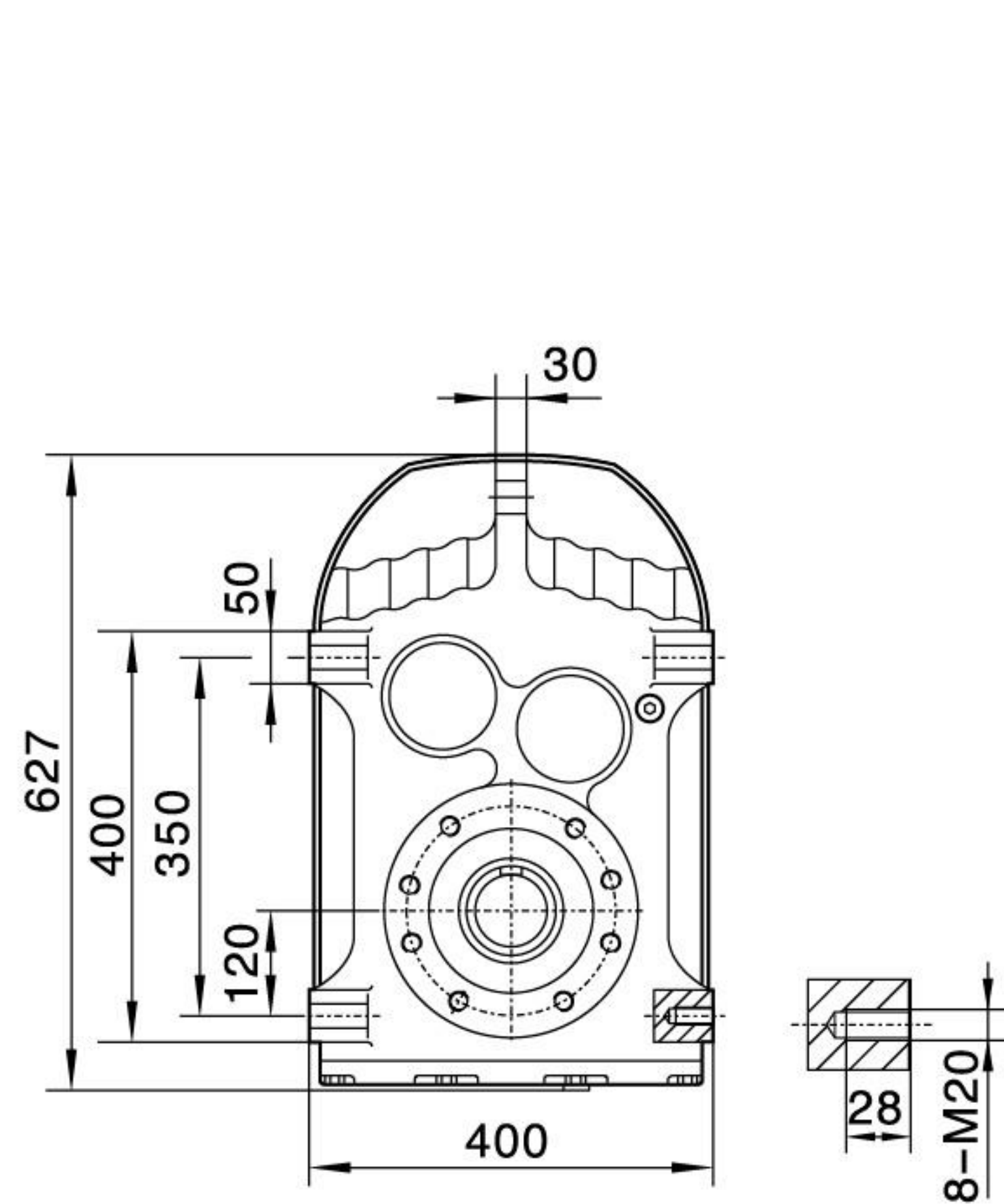
注:1.以上壳体为通用件,安装尺寸均可相互参照 2."F.."表示F、FA、FF、FAF、FAZ

Note:1.The above housings are common parts.The mounting dimensions may consult each other. 2."F.."mean F、FA、FF、FAF、FAZ

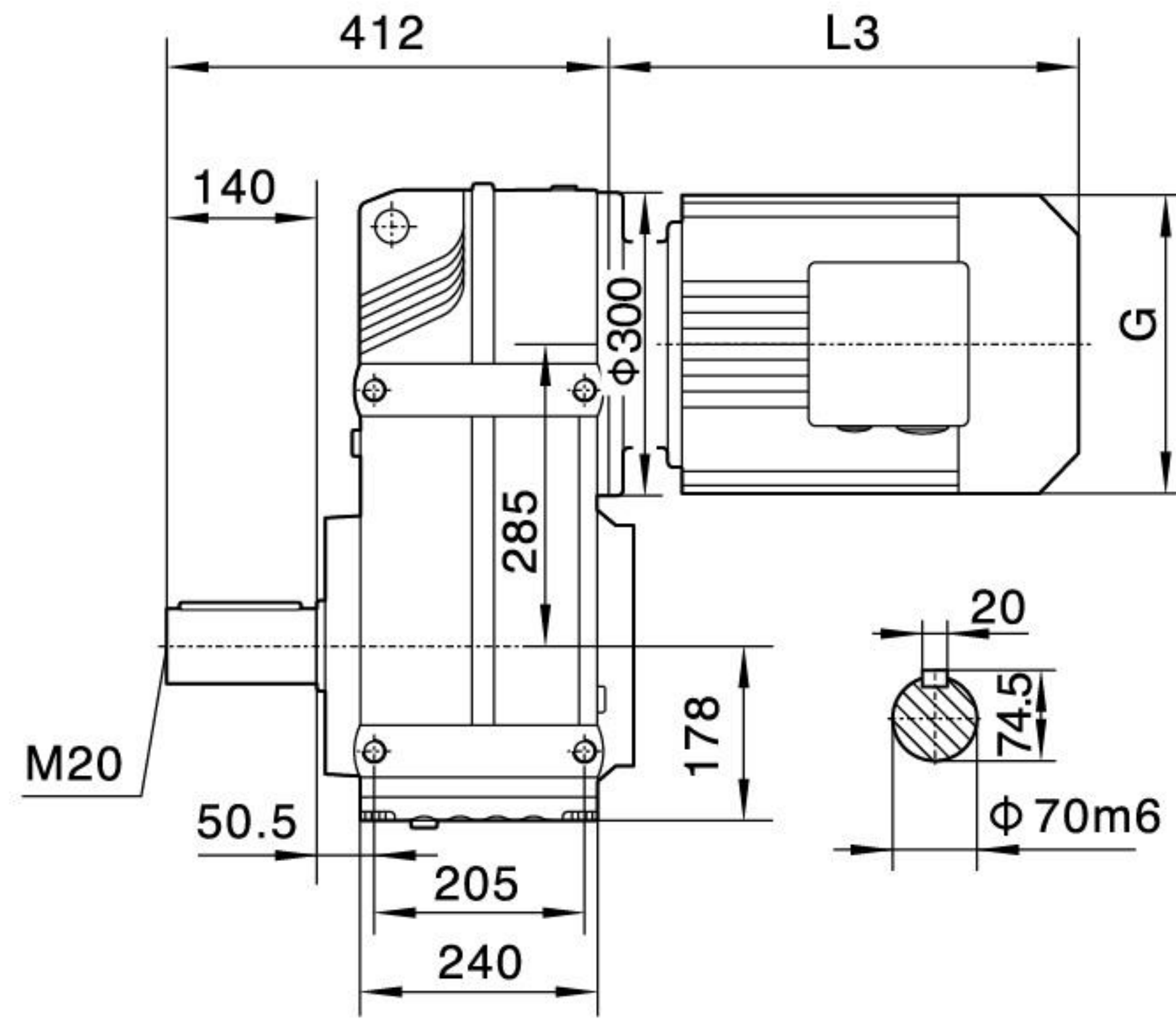




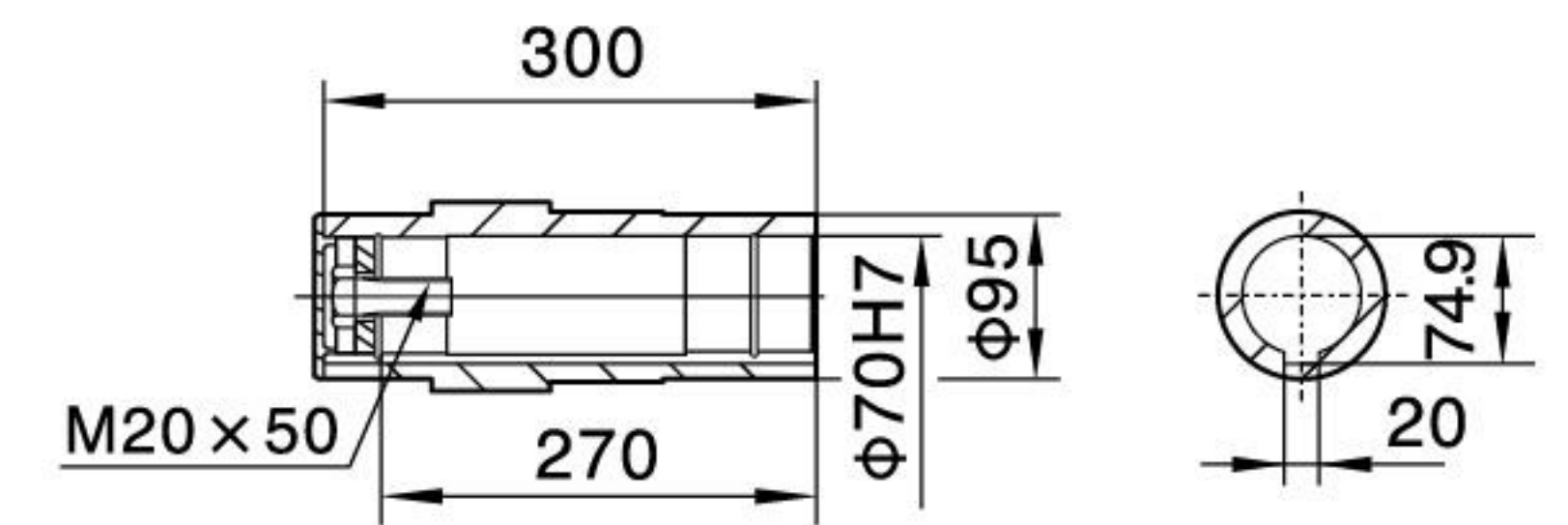
F



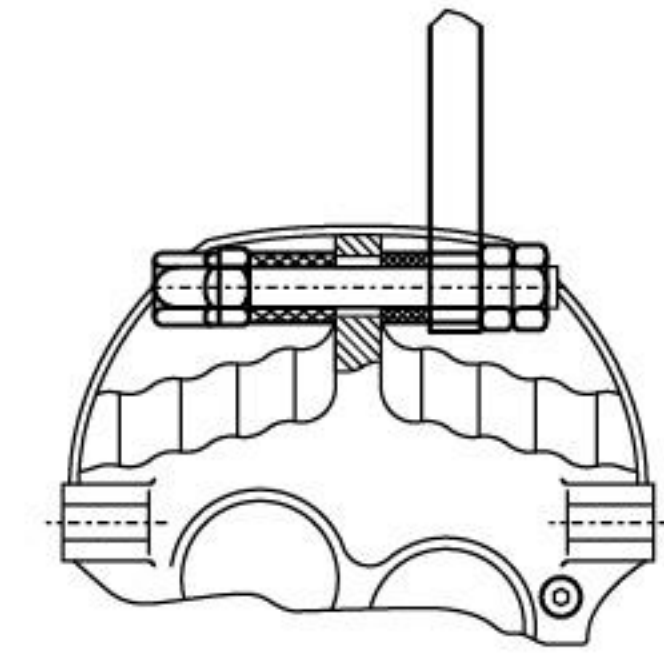
F97



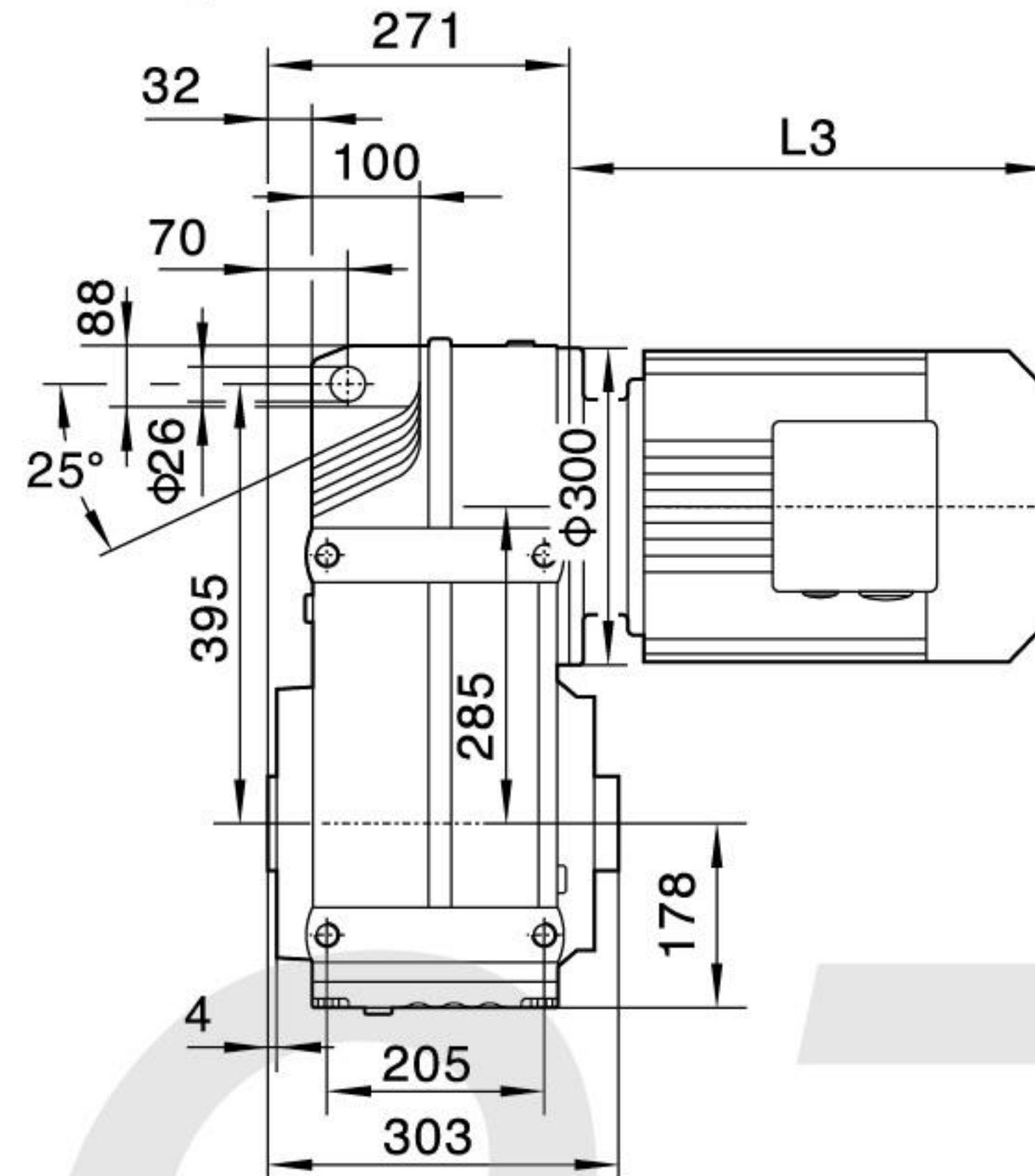
FA97/FAF97/FAZ97空心轴  
/Hollow shaft



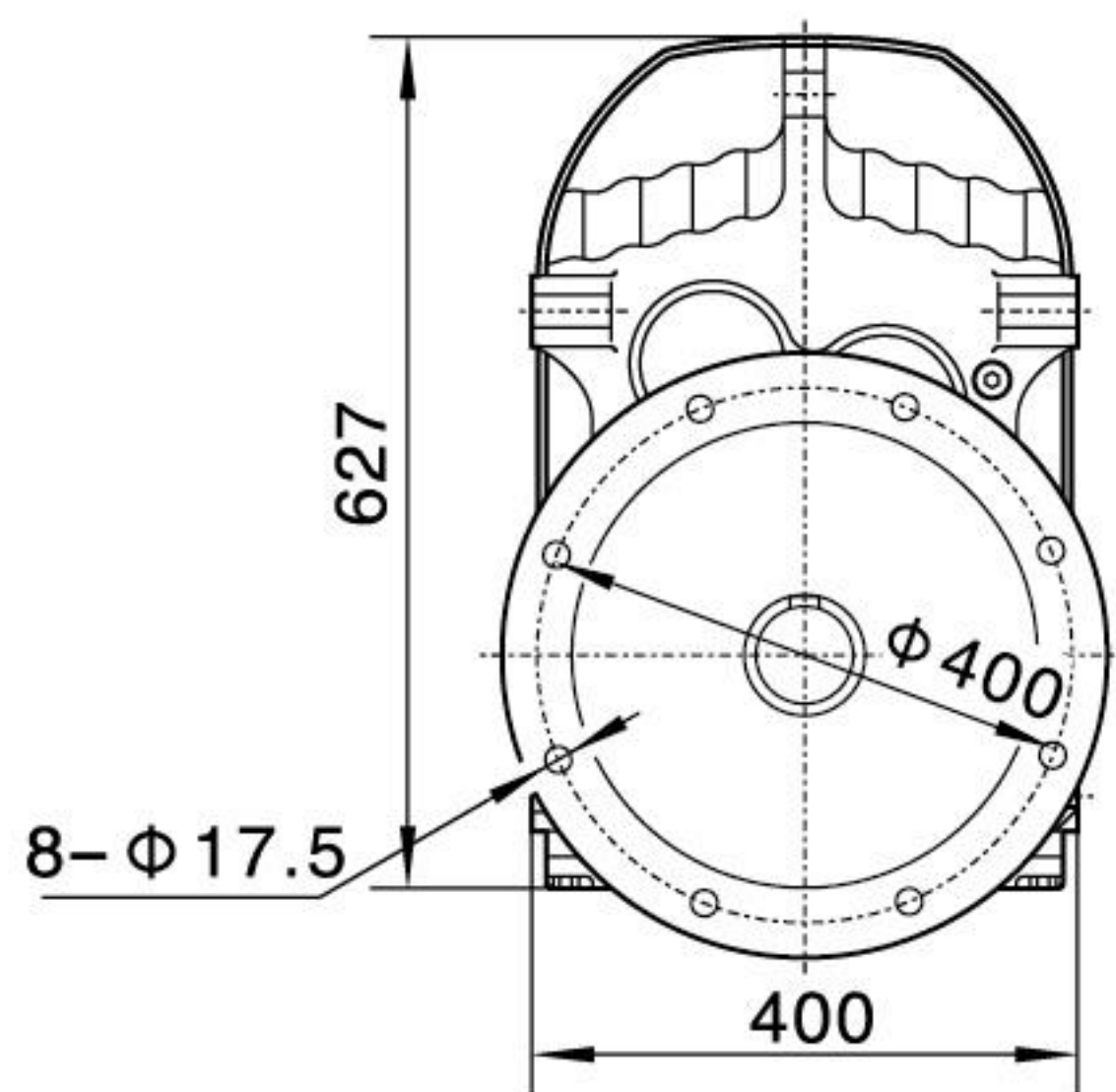
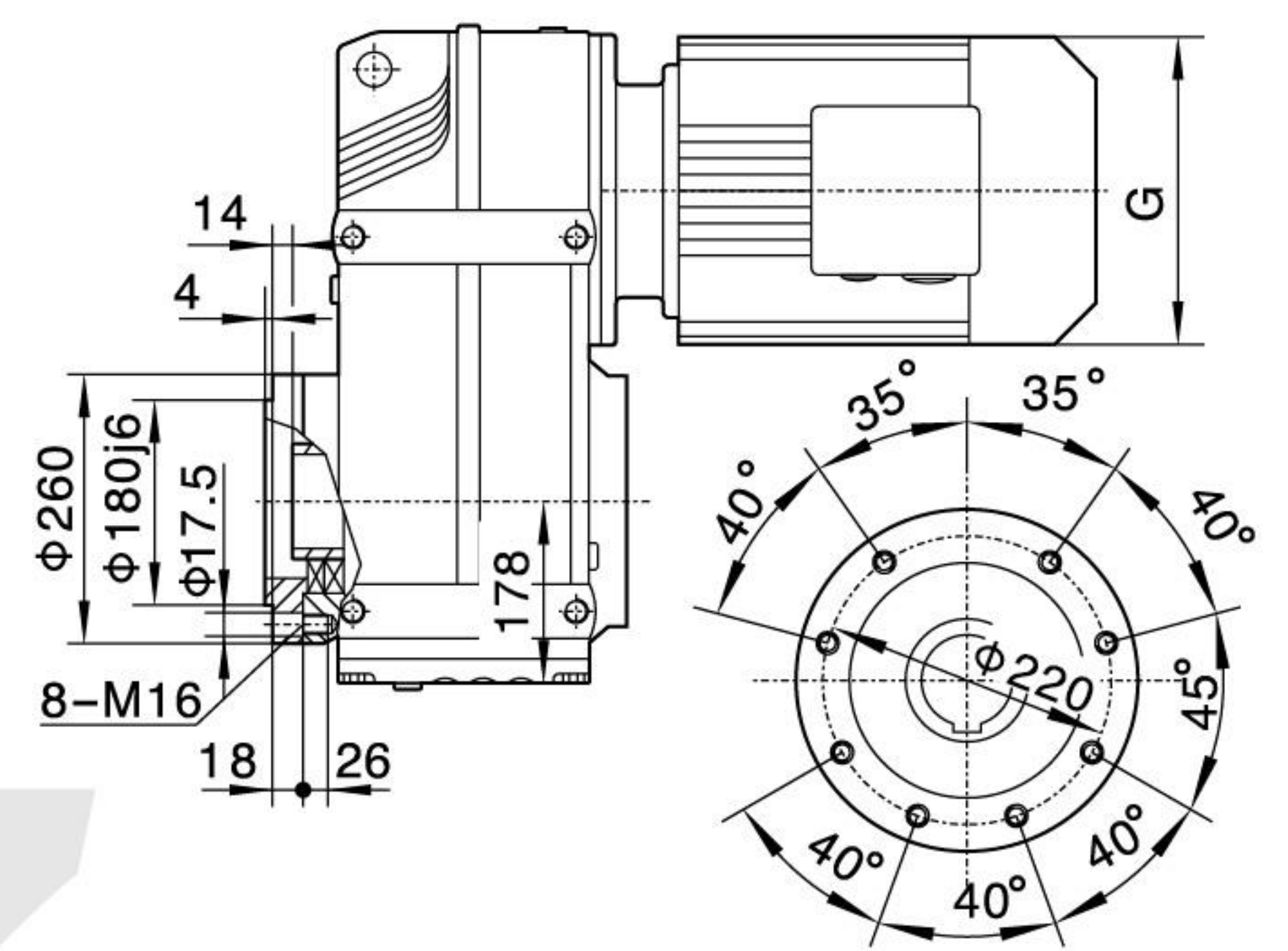
F..T97



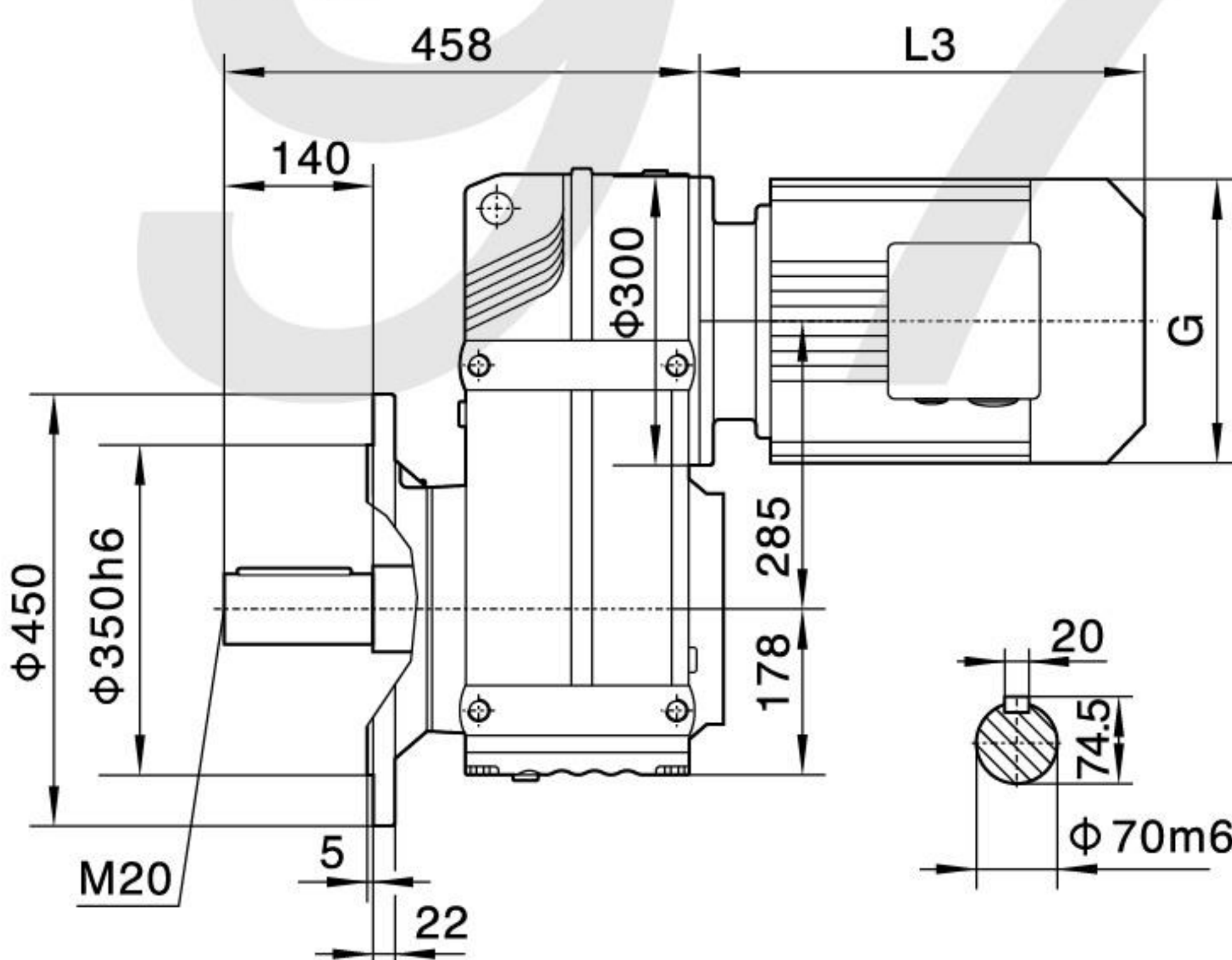
FA97



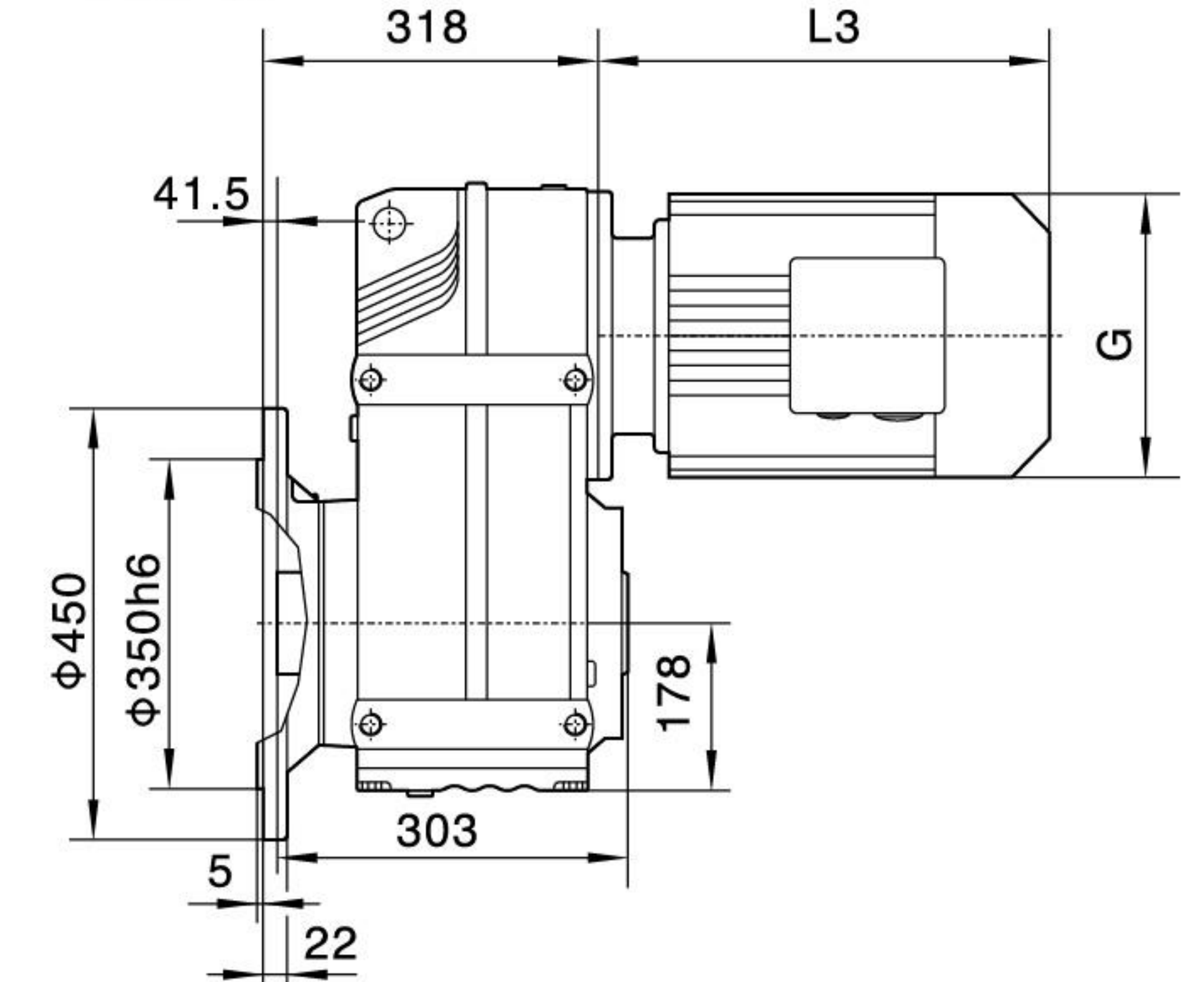
FAZ97



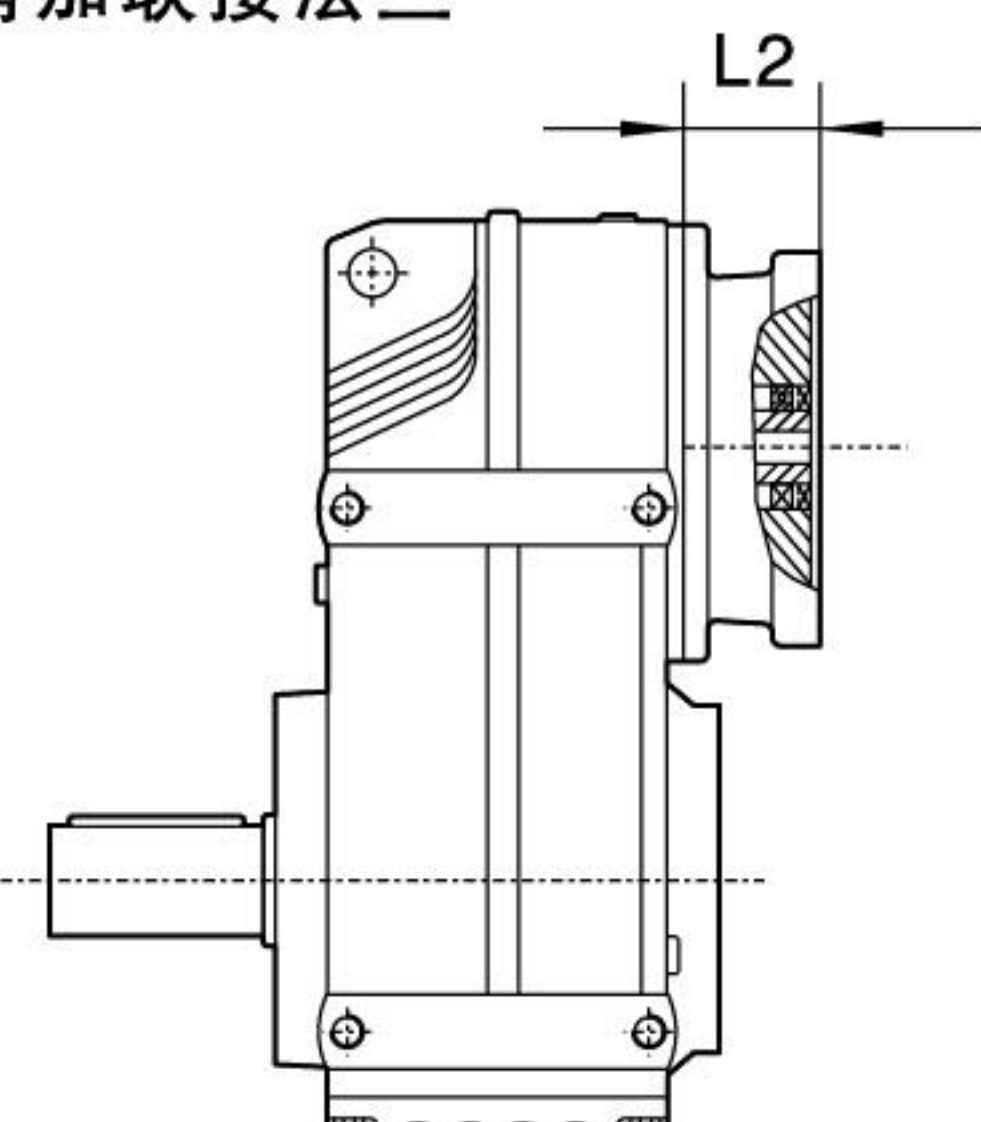
FF97



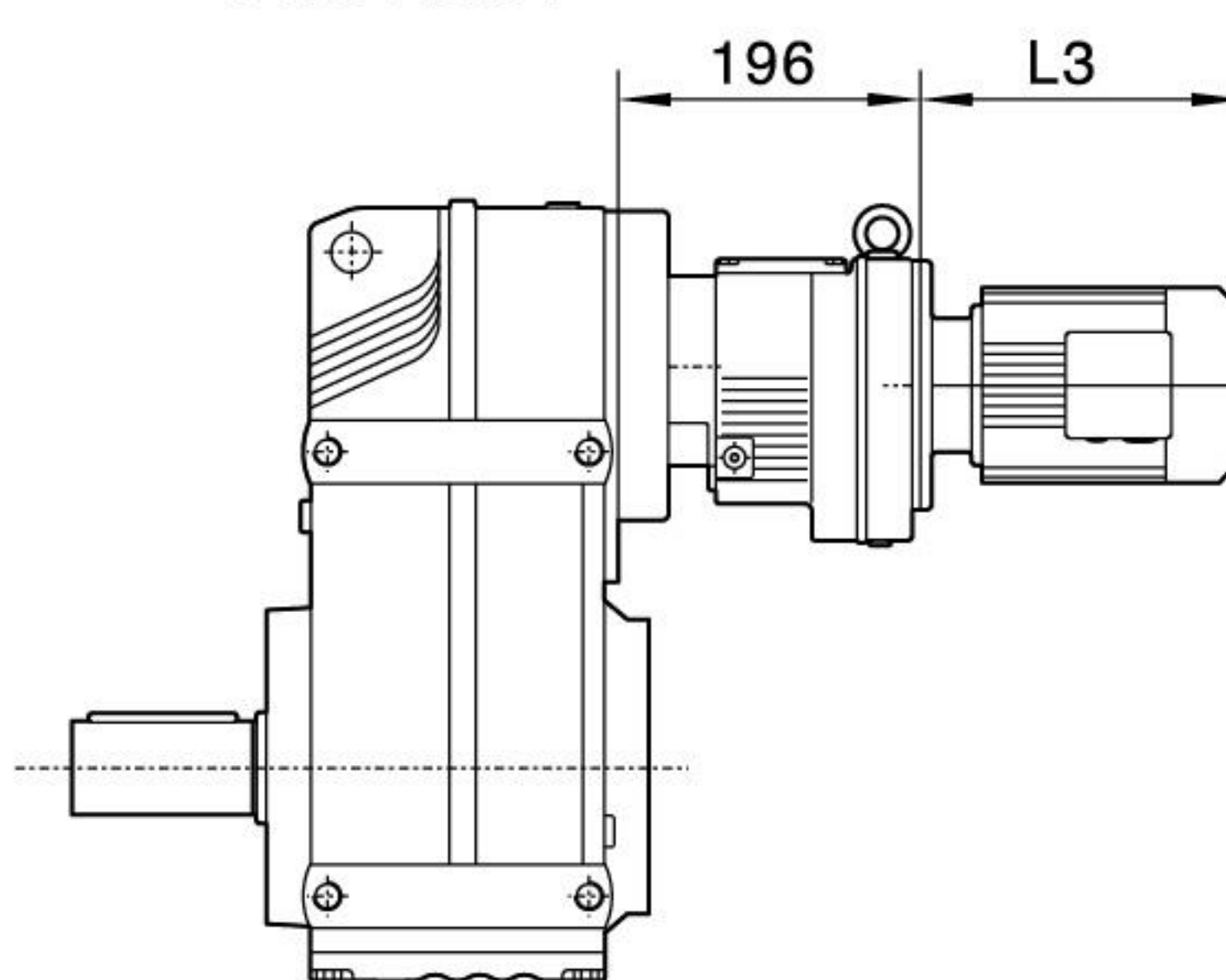
FAF97



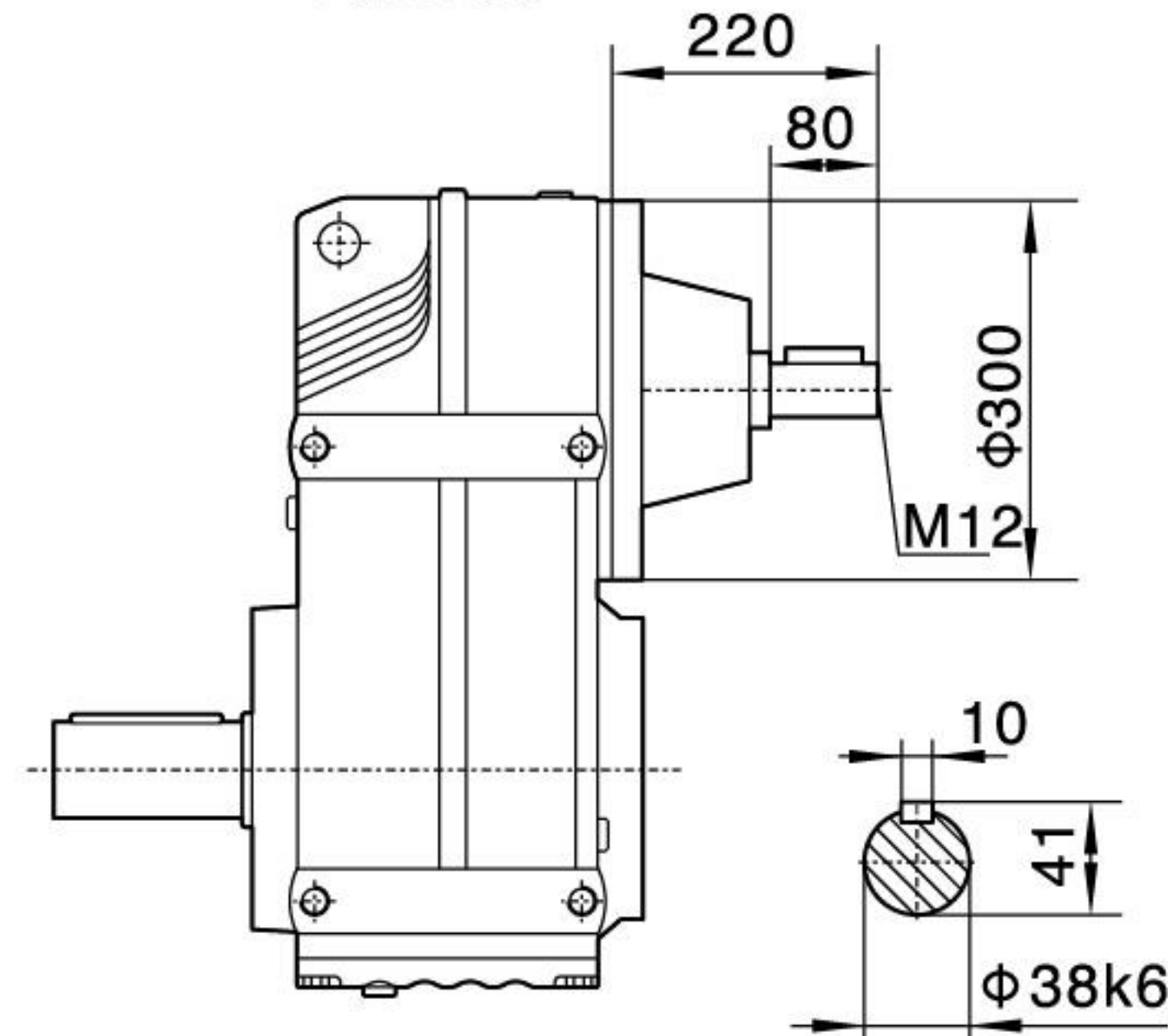
电机需方配或配特殊电机时  
需加联接法兰



F..97R57



F..S97



注：其余尺寸见  
相对应结构形式

Note: For other  
values please  
refer to the o-  
pposited stru-  
cture.

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

Y2电机机座号 Motor size	90S	90L	100	112M	132S	132M	160M	160L	180M	180L	200
功率/4P Power/(kW)	1.1	1.5	2.2 3	4	5.5	7.5	11	15	18.5	22	30
L3	280	304	315	334	425	461	524	547	555	588	654
G	195	195	215	240	275	275	330	330	380	380	420
L2	86	86	101	101	101	101	126	126	126	126	132

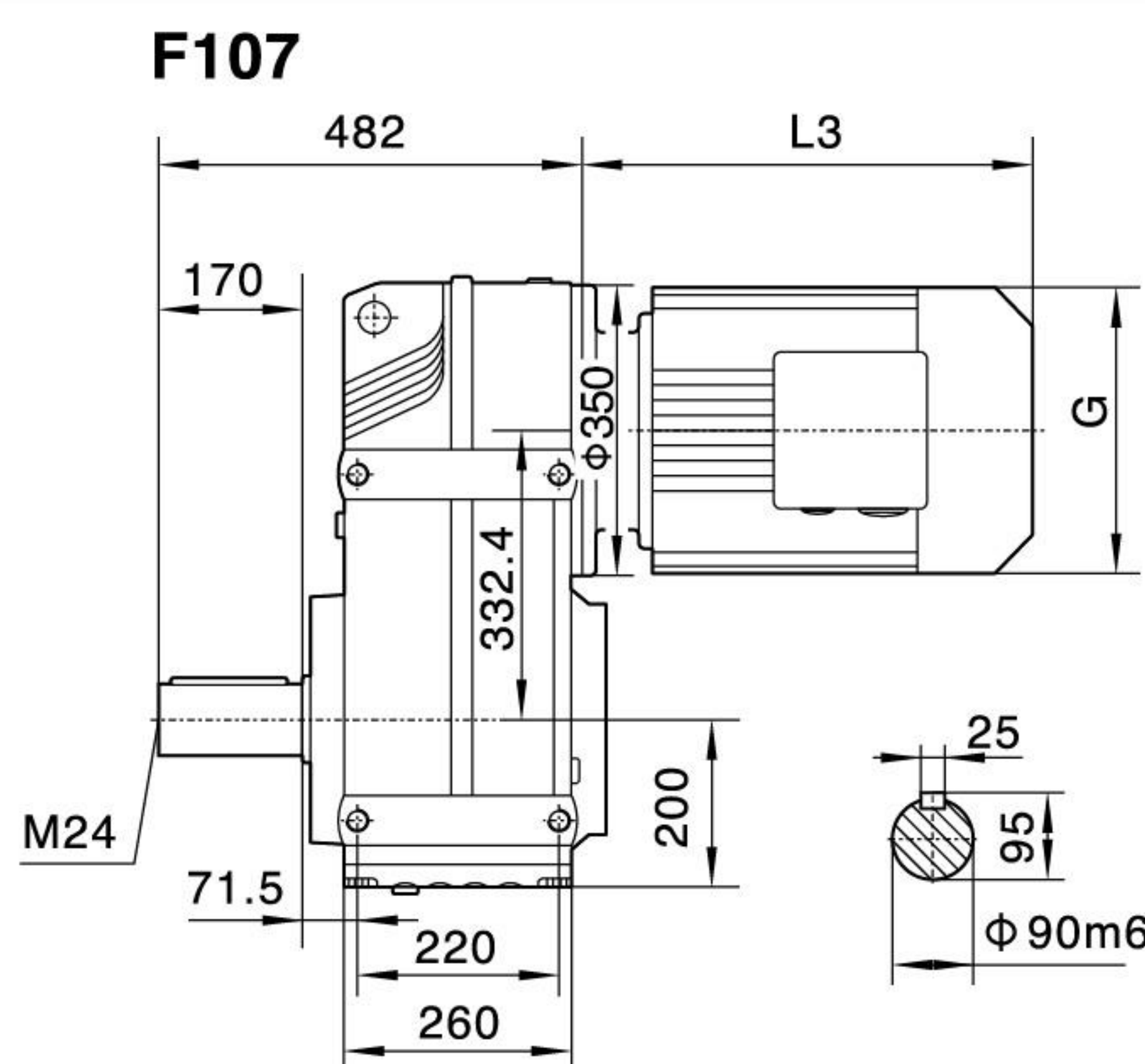
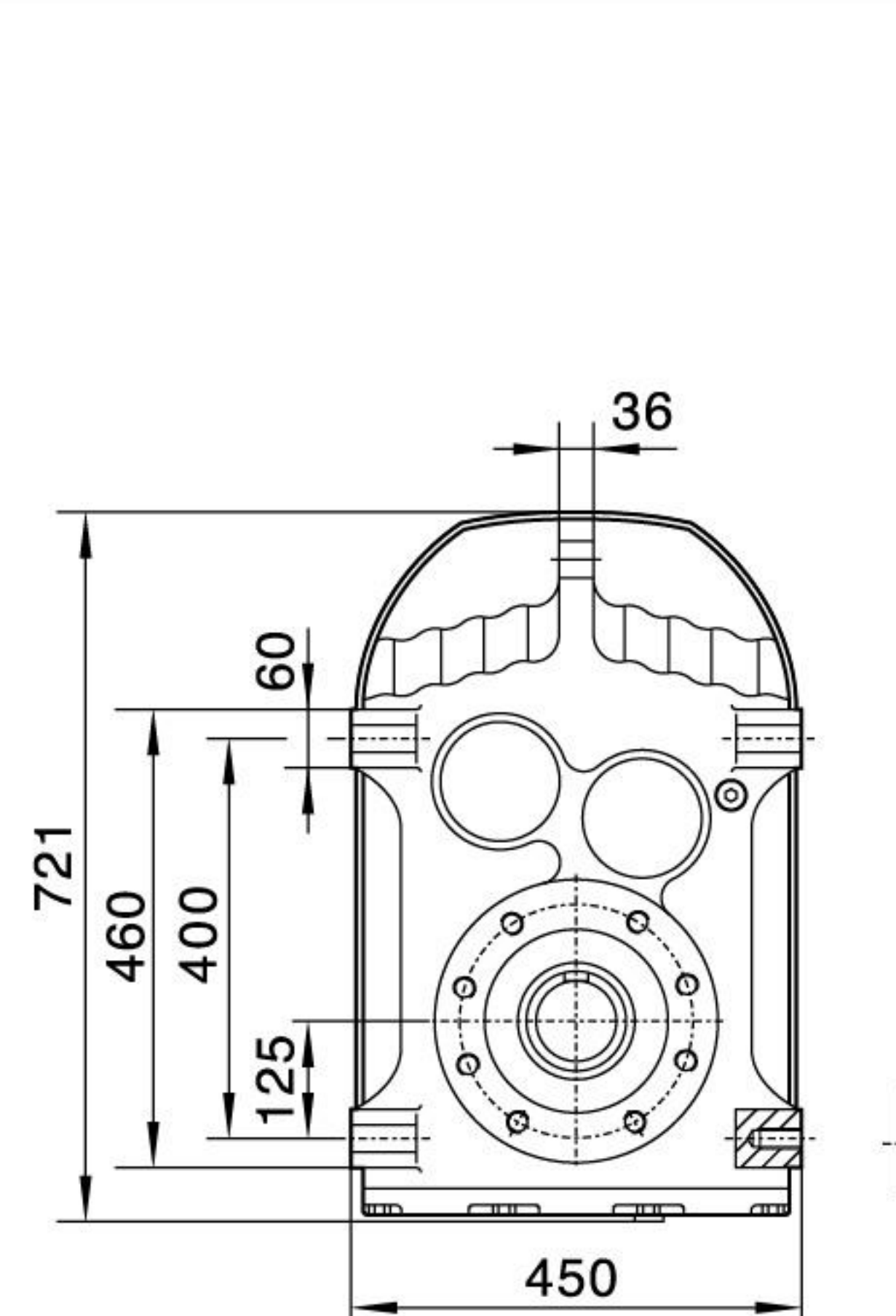
注:1.以上壳体为通用件,安装尺寸均可相互参照 2."F.."表示F、FA、FF、FAF、FAZ

Note:1.The above housings are common parts.The mounting dimensions may consult each other. 2."F.."mean F、FA、FF、FAF、FAZ

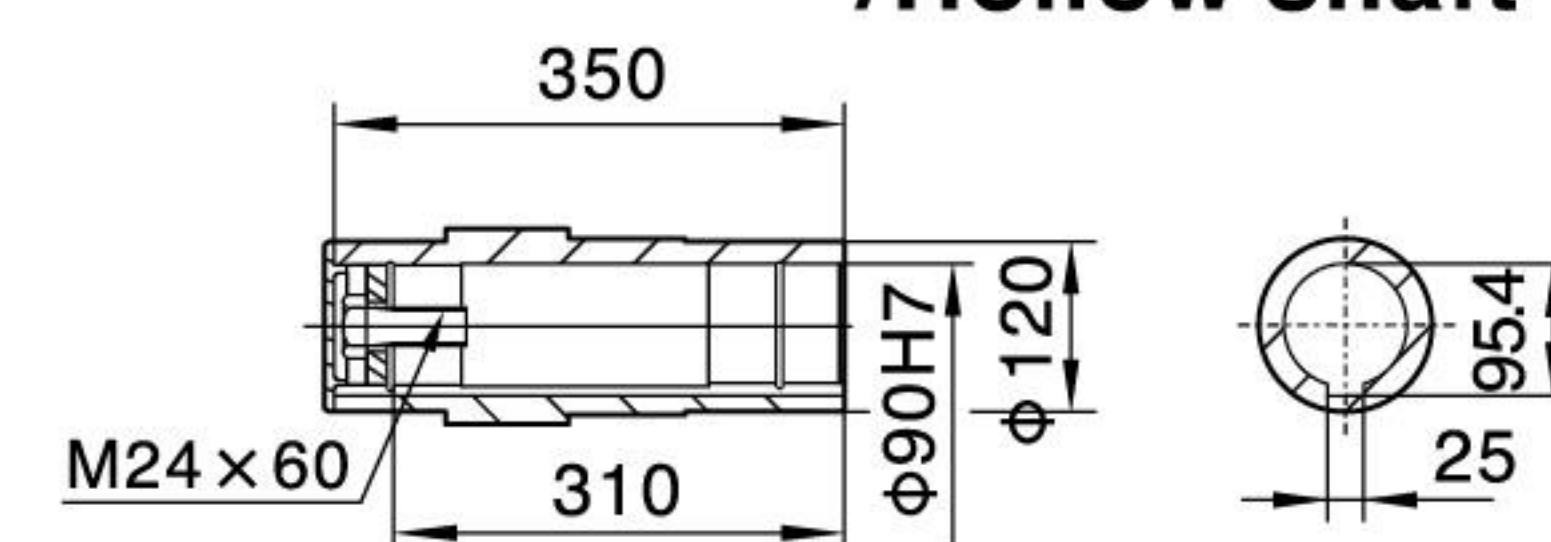




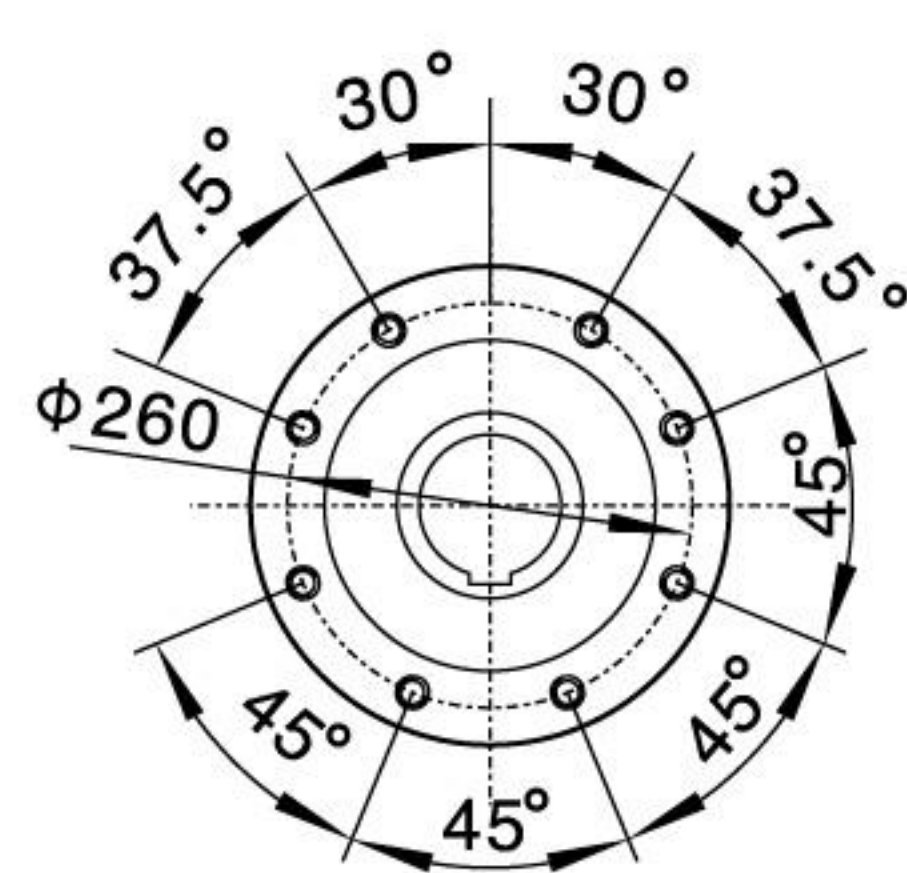
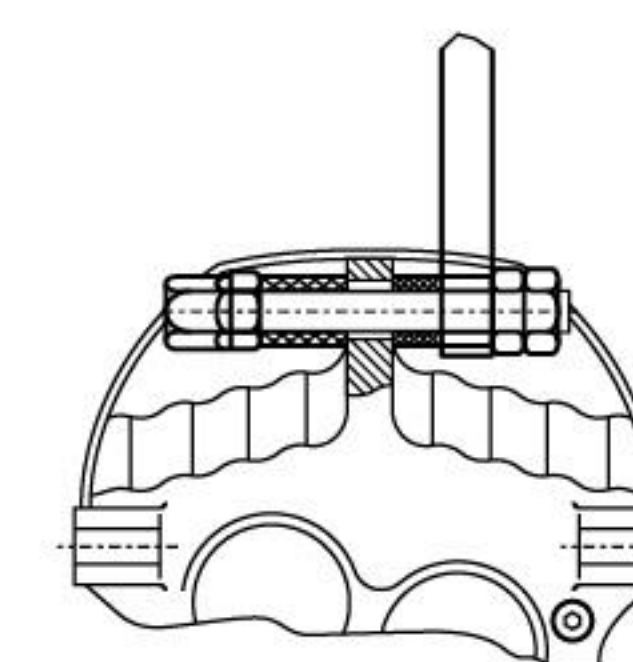
F



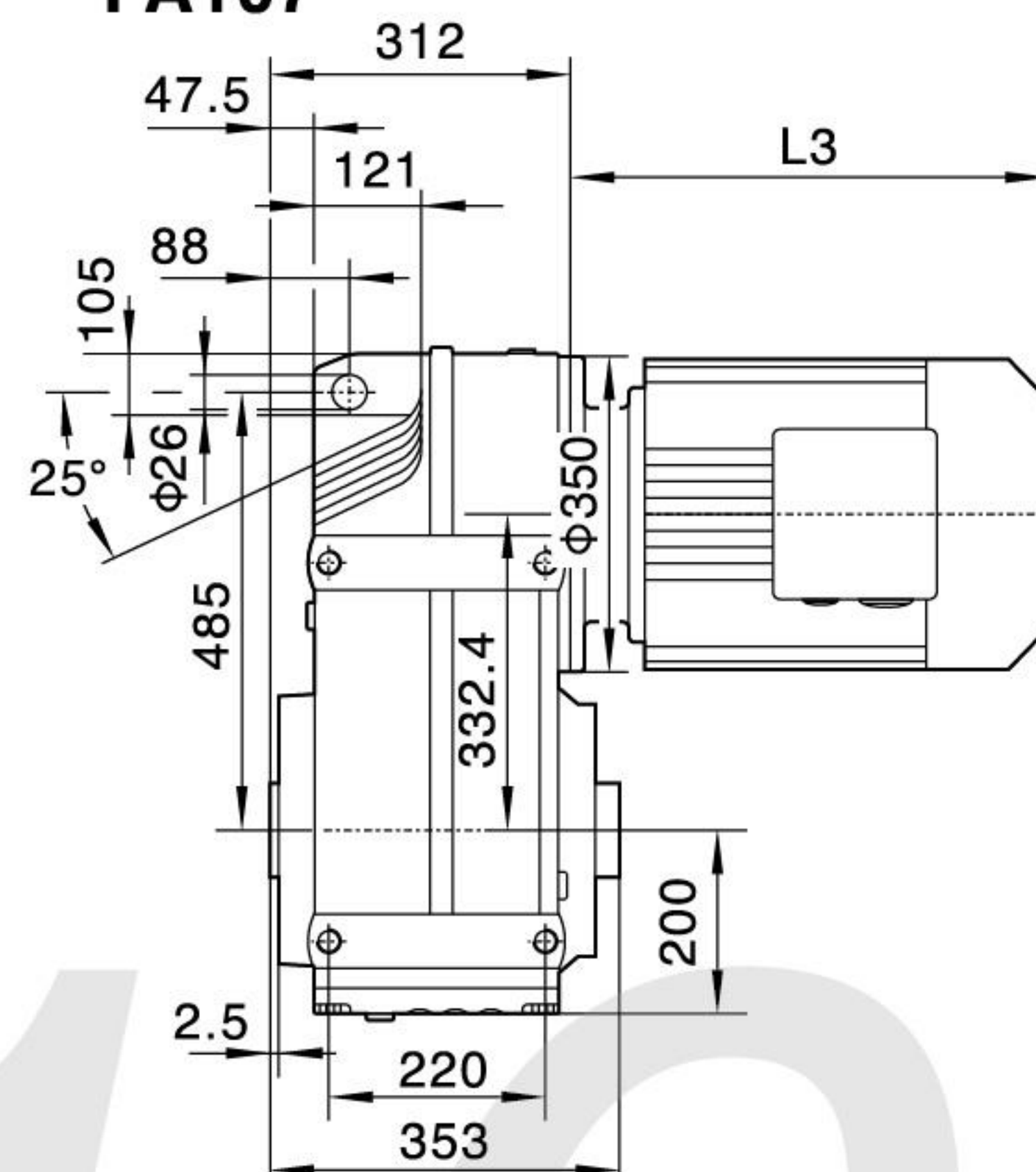
FA107/FAF107/FAZ107空心轴  
/Hollow shaft



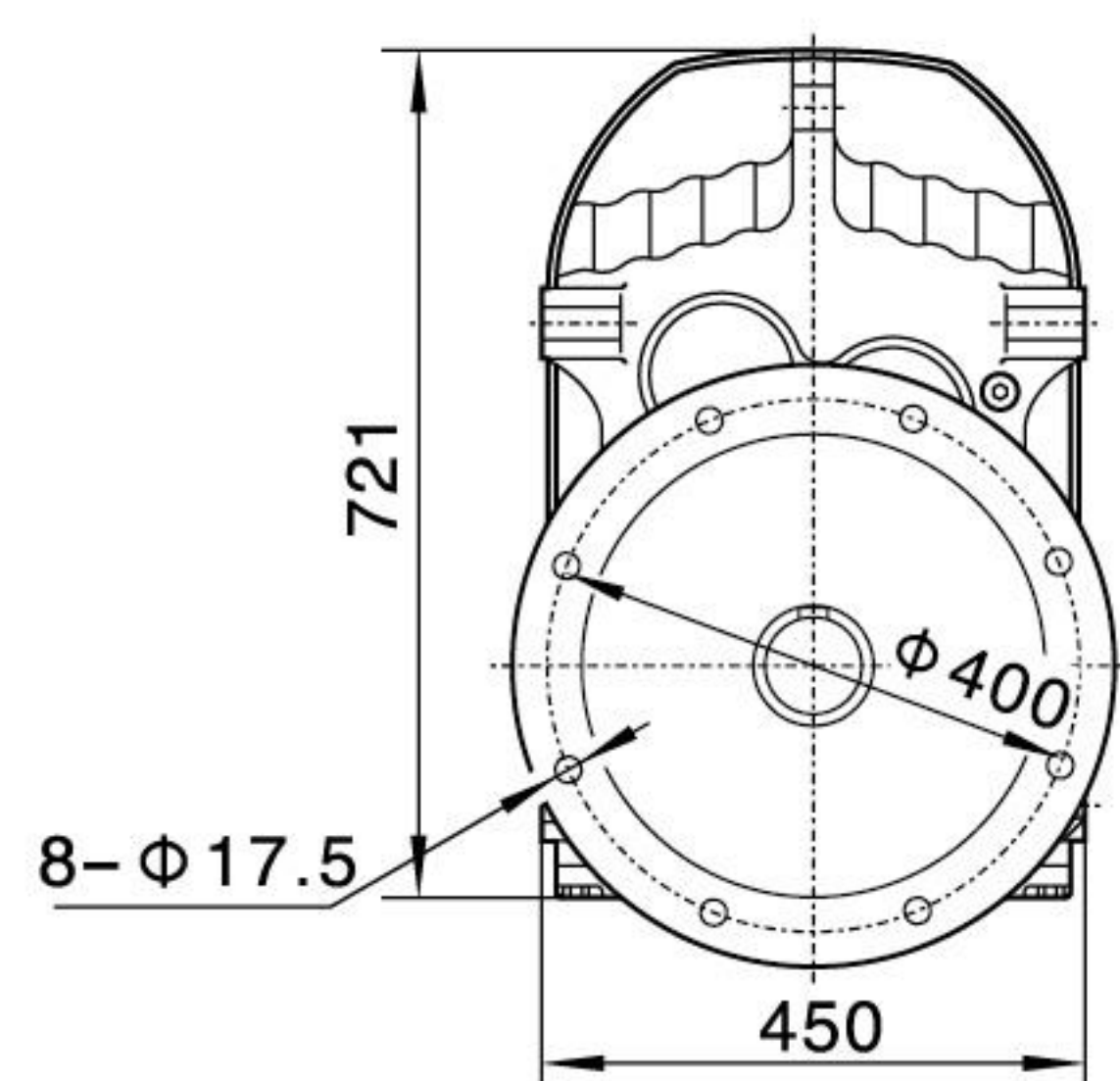
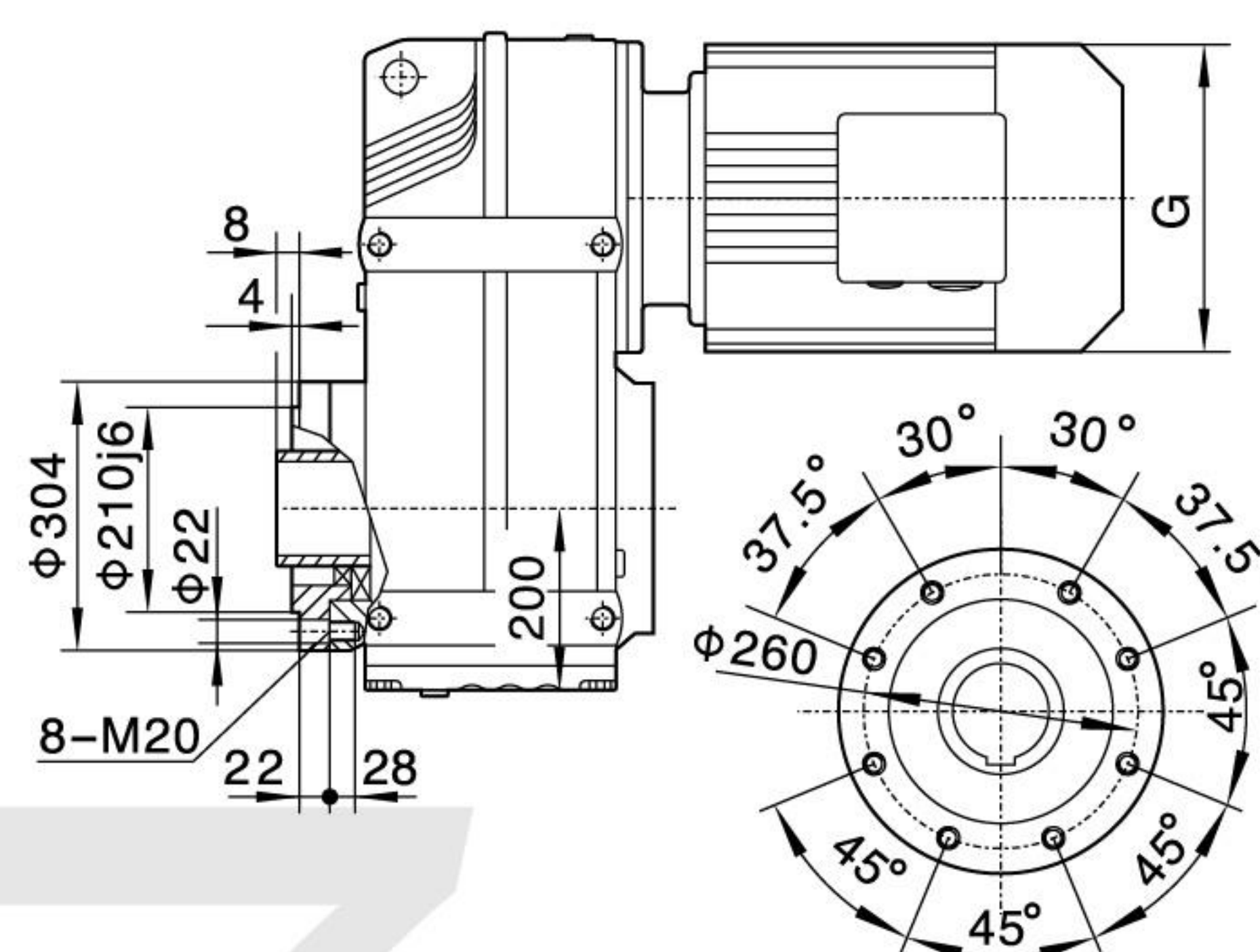
F..T107



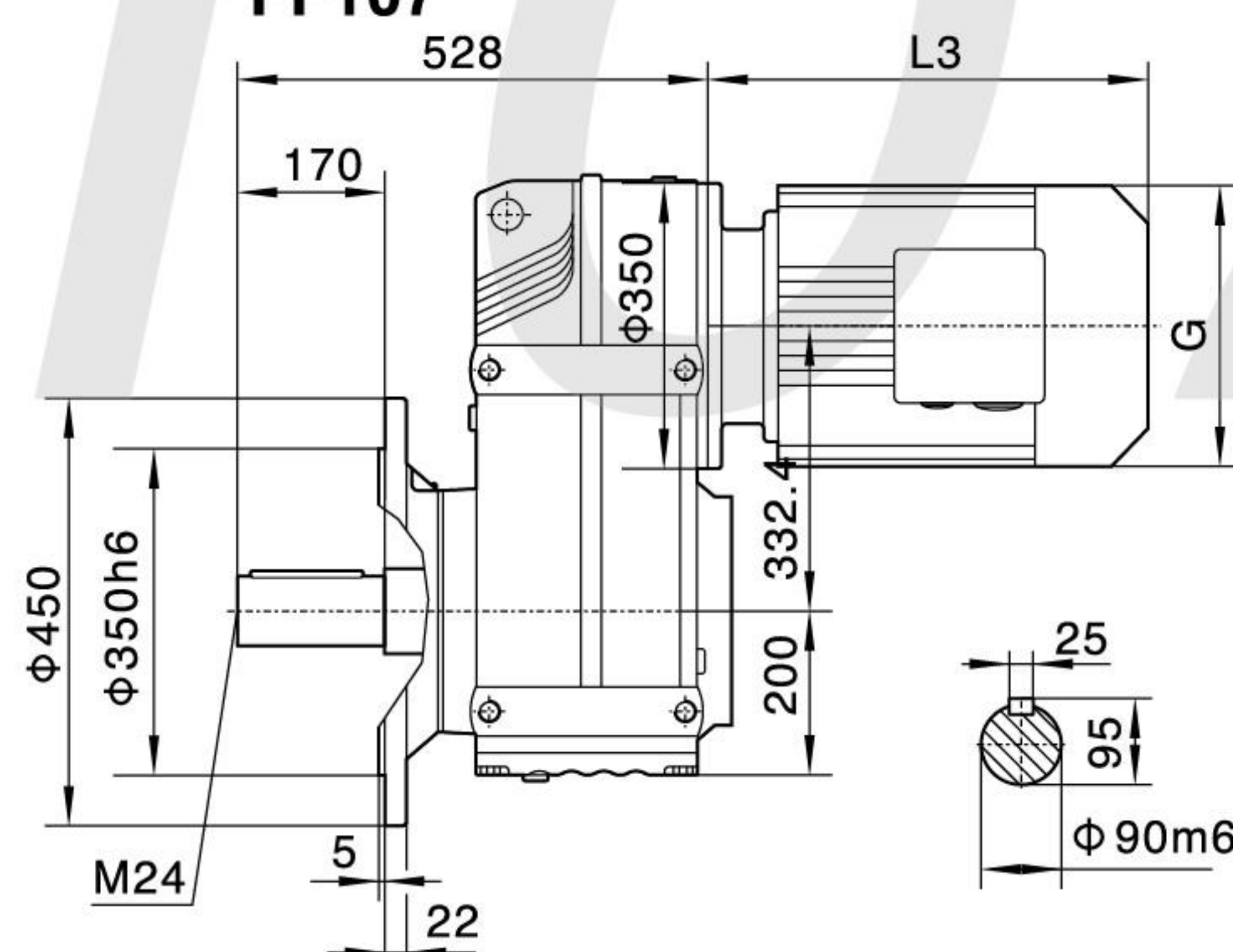
FA107



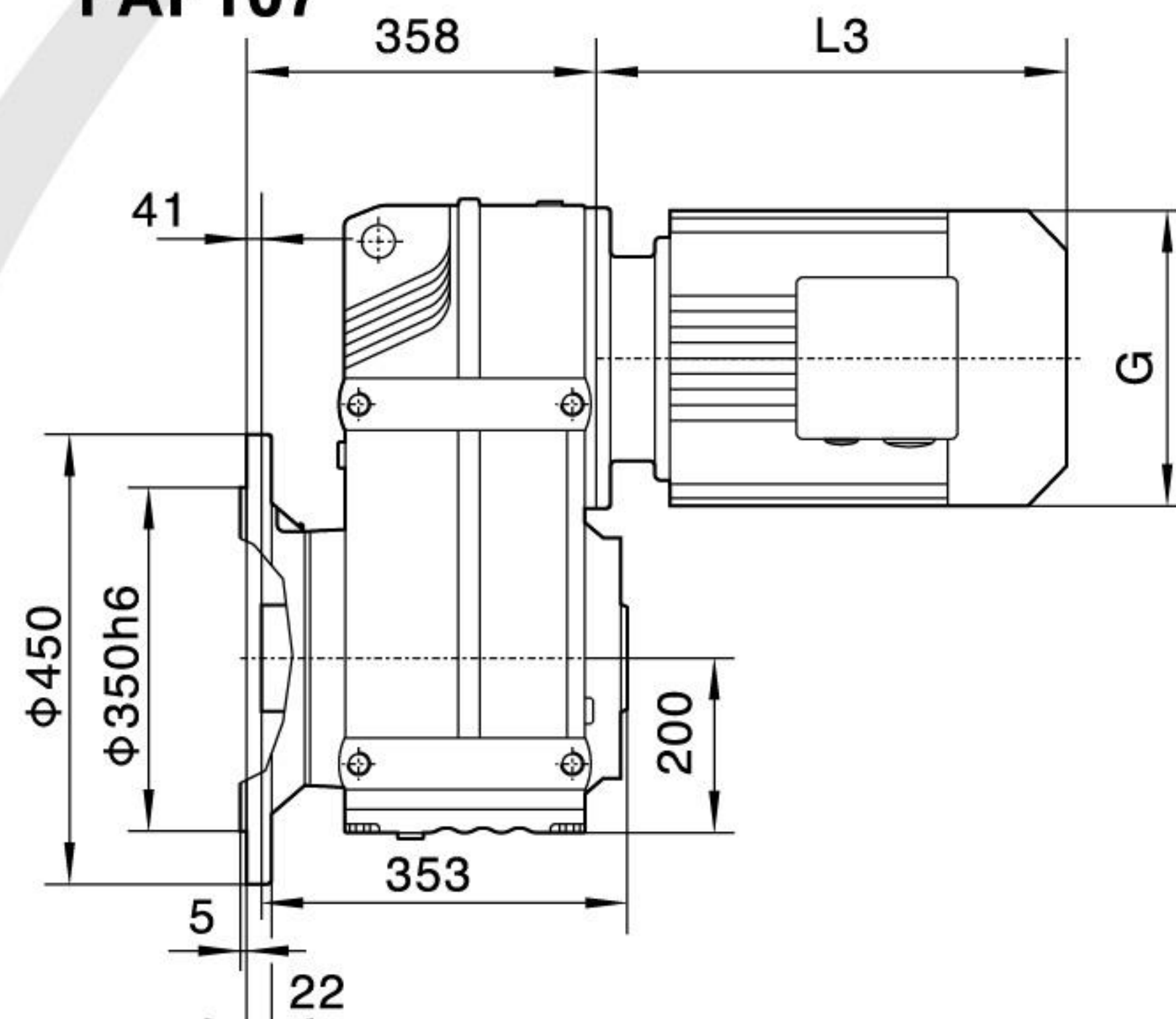
FAZ107



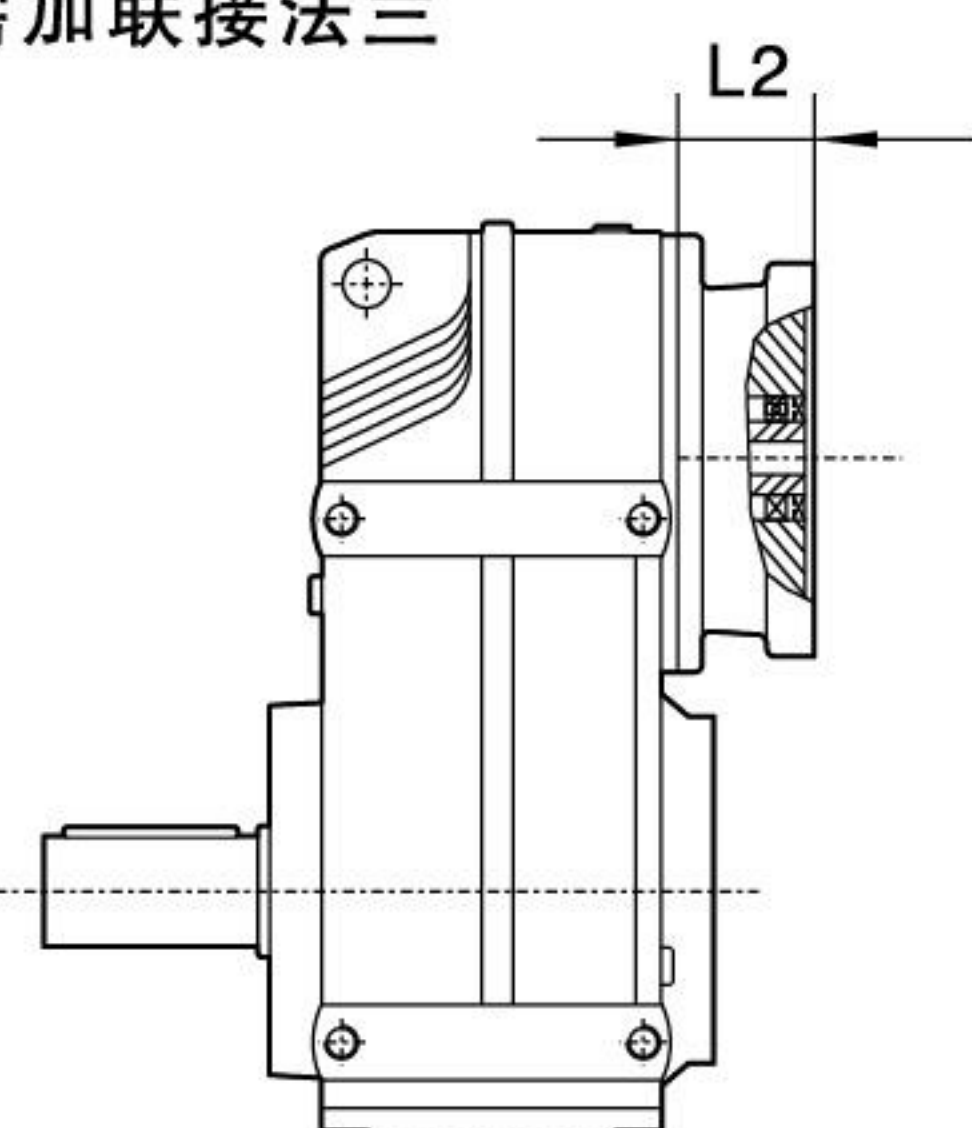
FF107



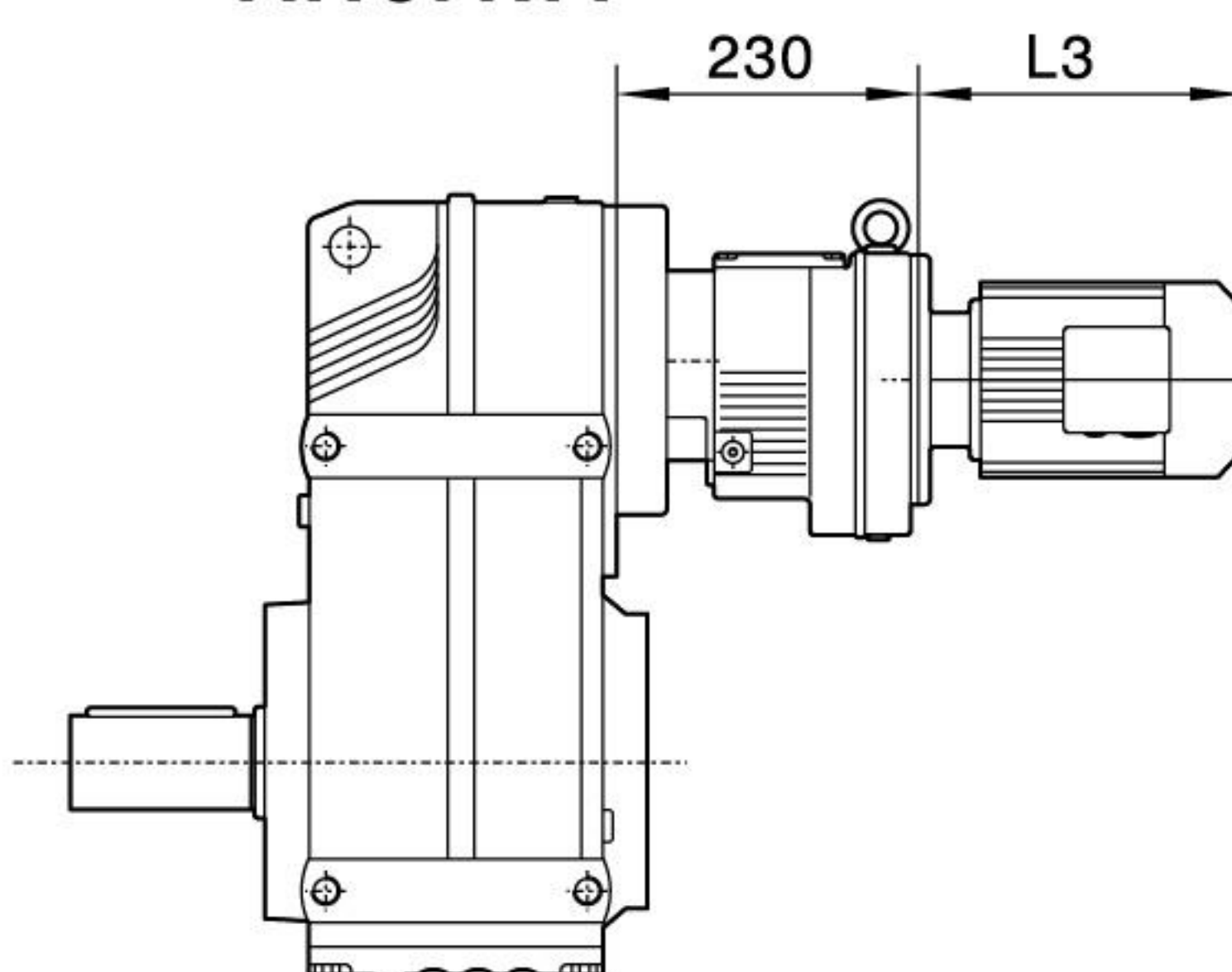
FAF107



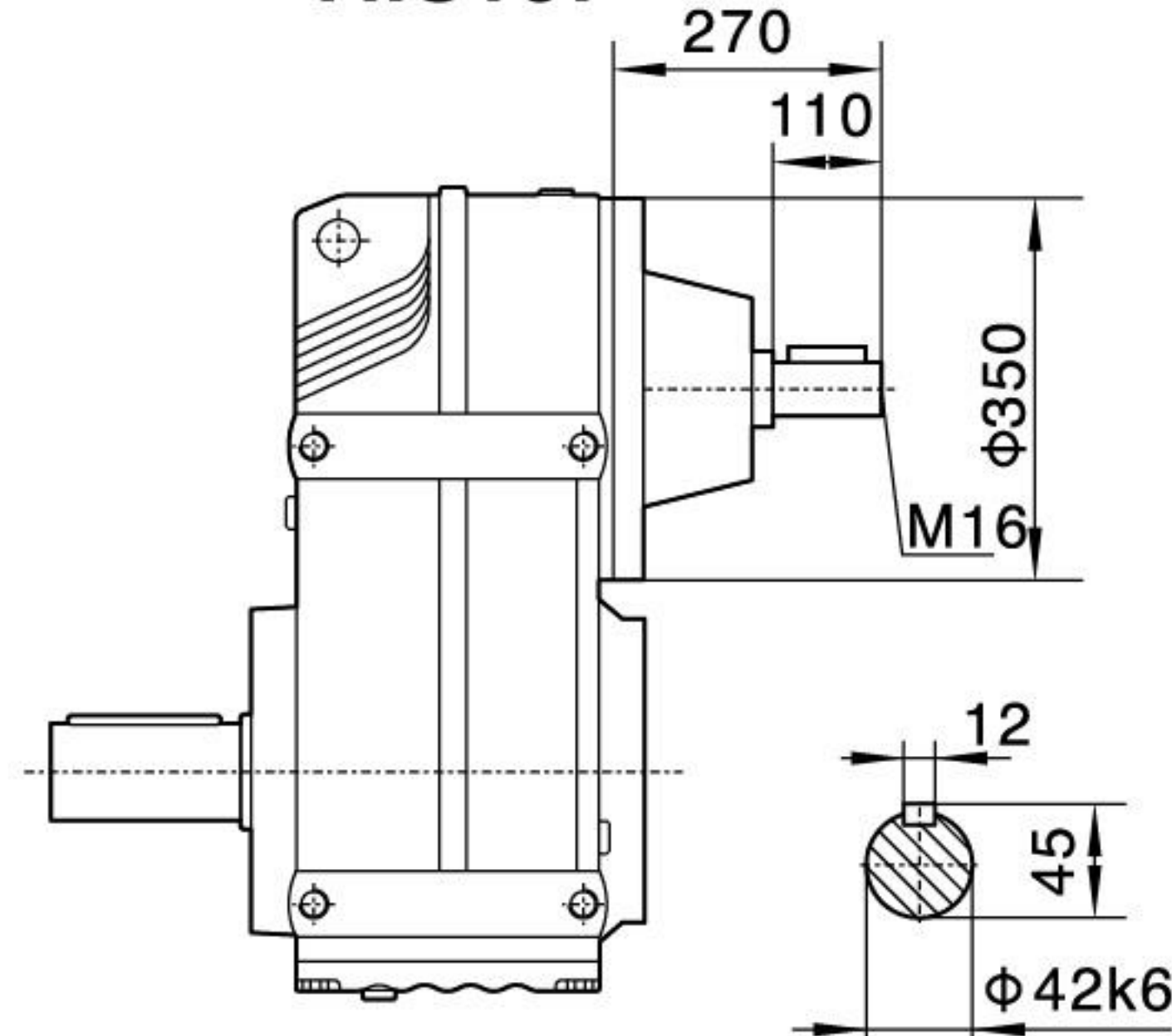
电机需方配或配特殊电机时  
需加联接法兰



F..107R77



F..S107



注：其余尺寸见  
相对应结构形式

Note: For other  
values please  
refer to the o-  
pposited stru-  
cture.

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

Y2电机机座号 Motor size	100		112M	132S	132M	160M	160L	180M	180L	200	225S	225M
功率/4P Power/(kW)	2.2	3	4	5.5	7.5	11	15	18.5	22	30	37	45
L3	318		334	386	422	504	519	555	588	654	680	702
G	215		240	275	275	330	330	380	380	420	470	470
L2	101		101	101	101	126	126	126	126	132	132	132

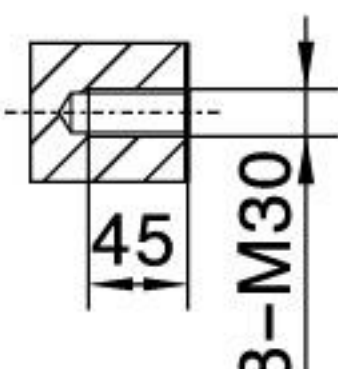
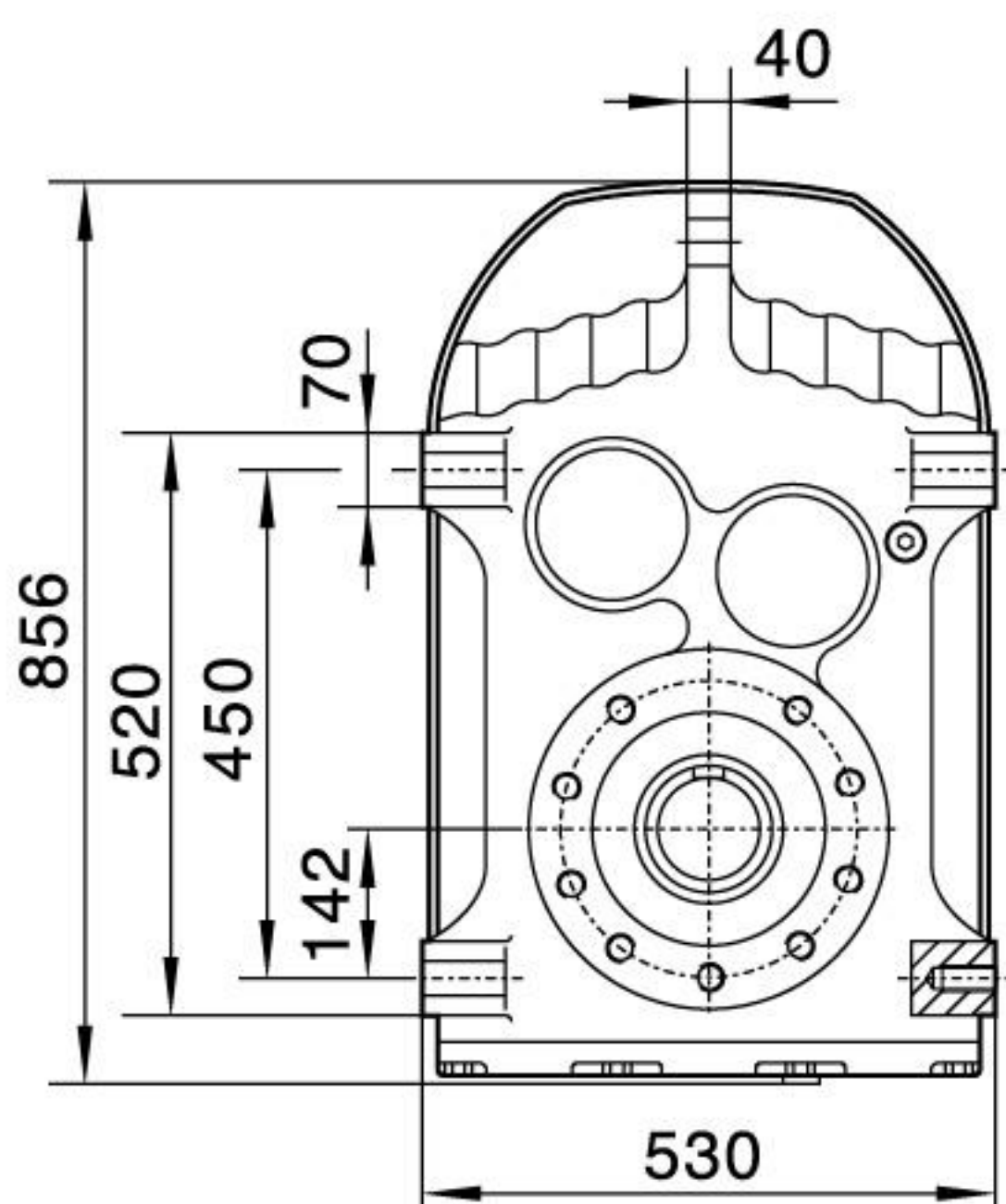
注:1.以上壳体为通用件,安装尺寸均可相互参照 2."F.."表示F、FA、FF、FAF、FAZ

Note:1.The above housings are common parts.The mounting dimensions may consult each other. 2."F.."mean F、FA、FF、FAF、FAZ

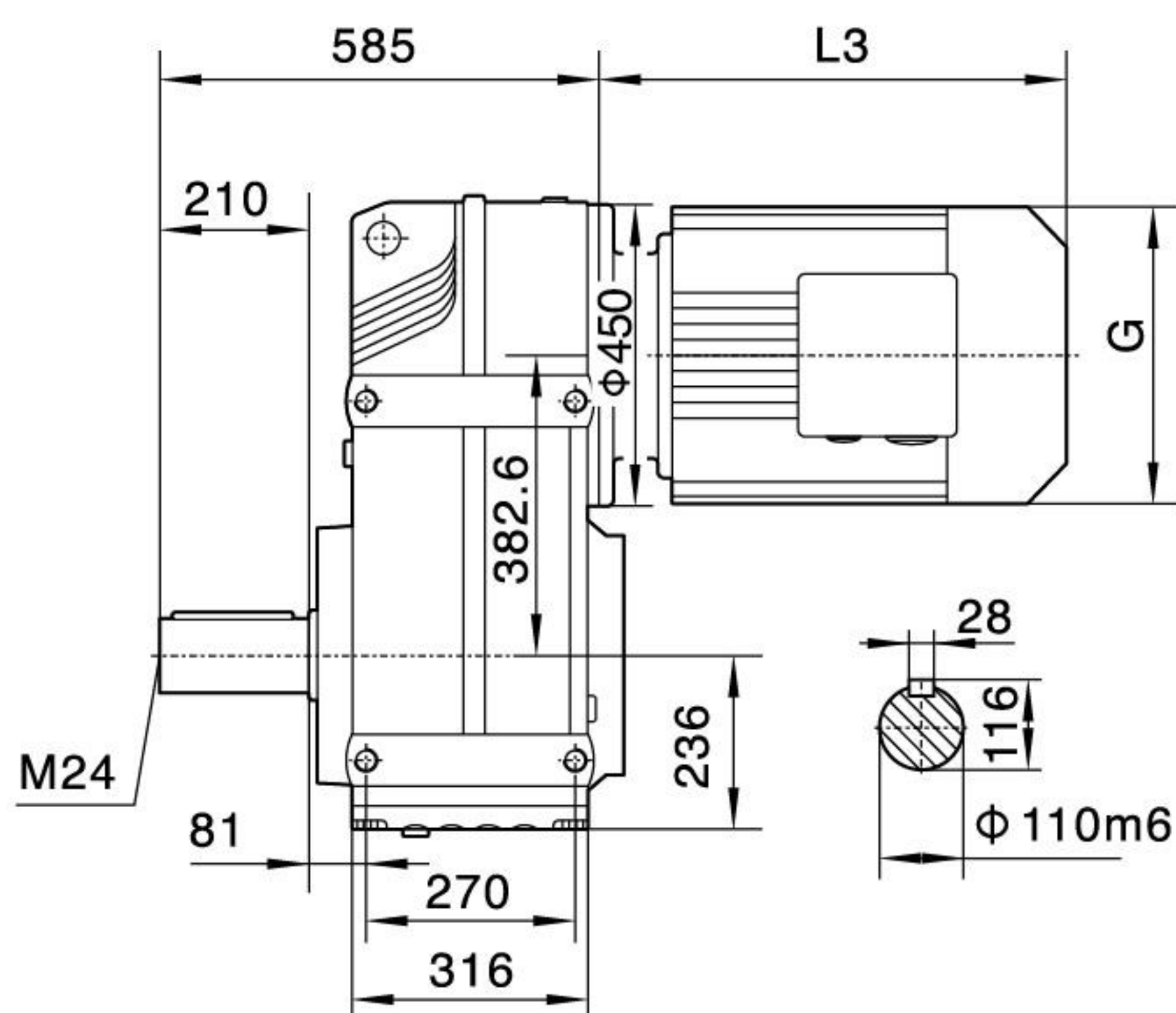




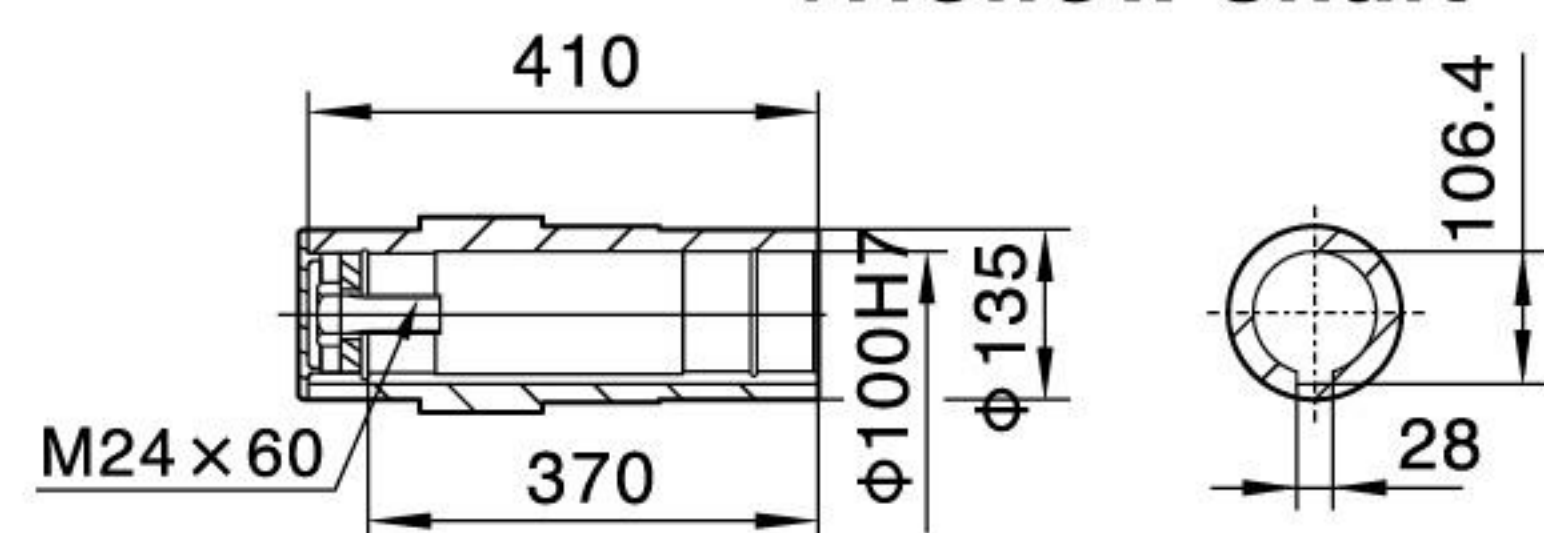
F



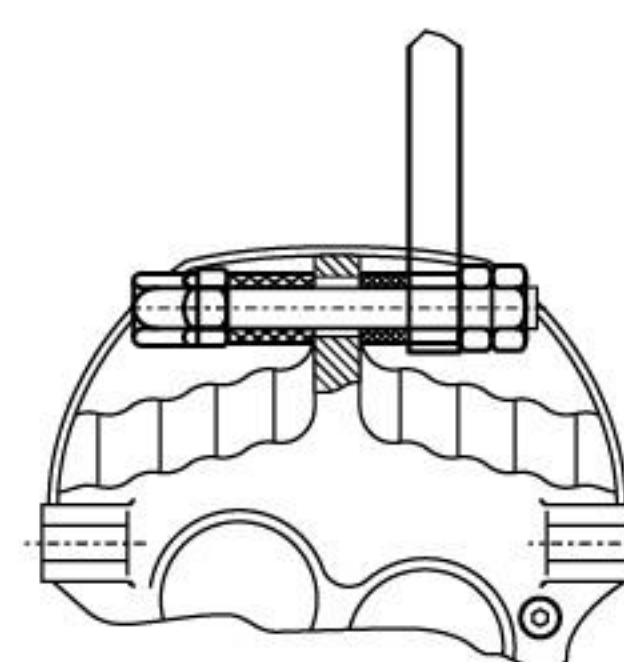
F127



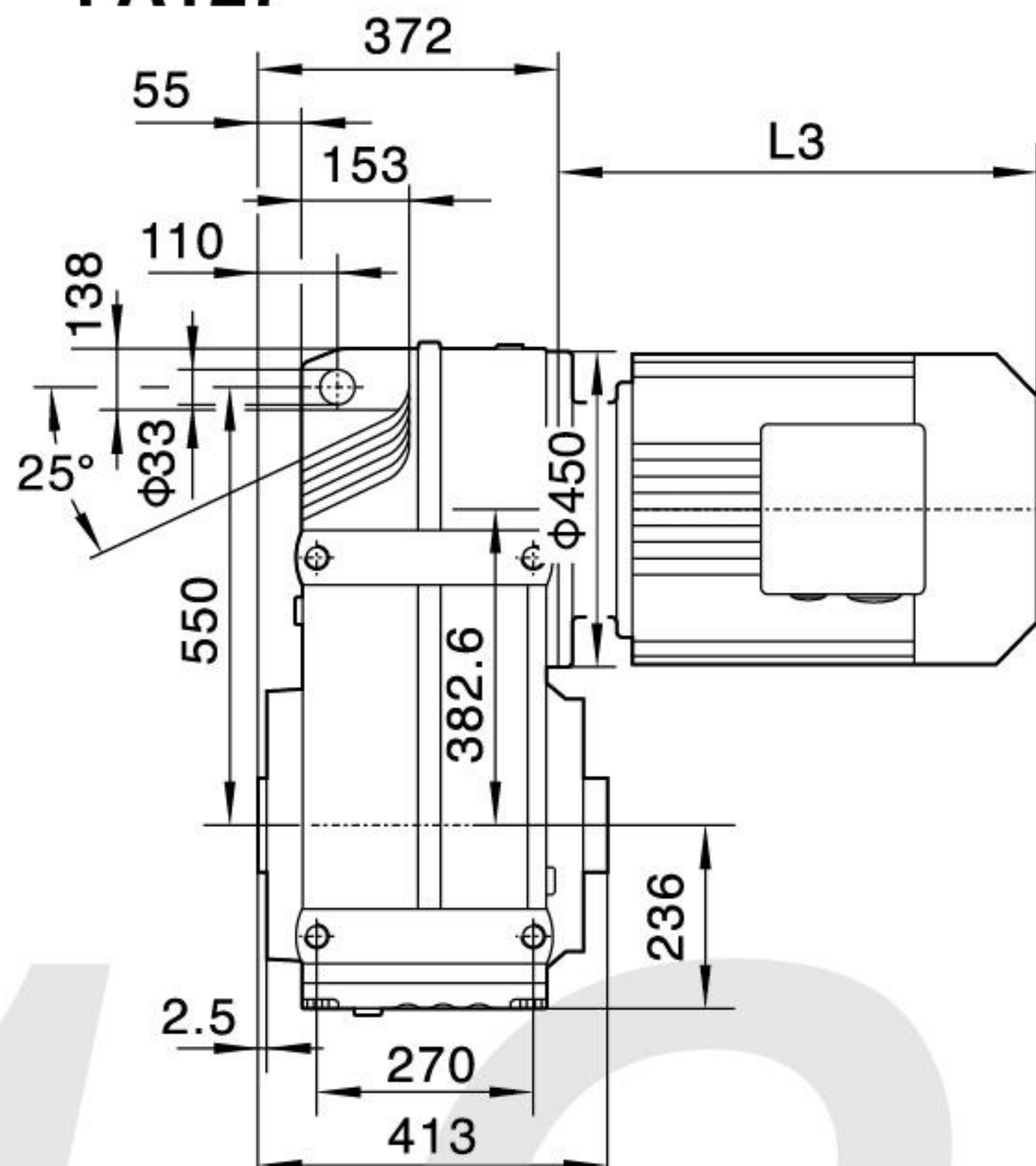
FA127/FAF127/FAZ127空心轴  
/Hollow shaft



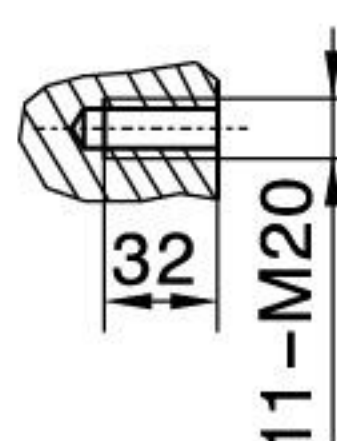
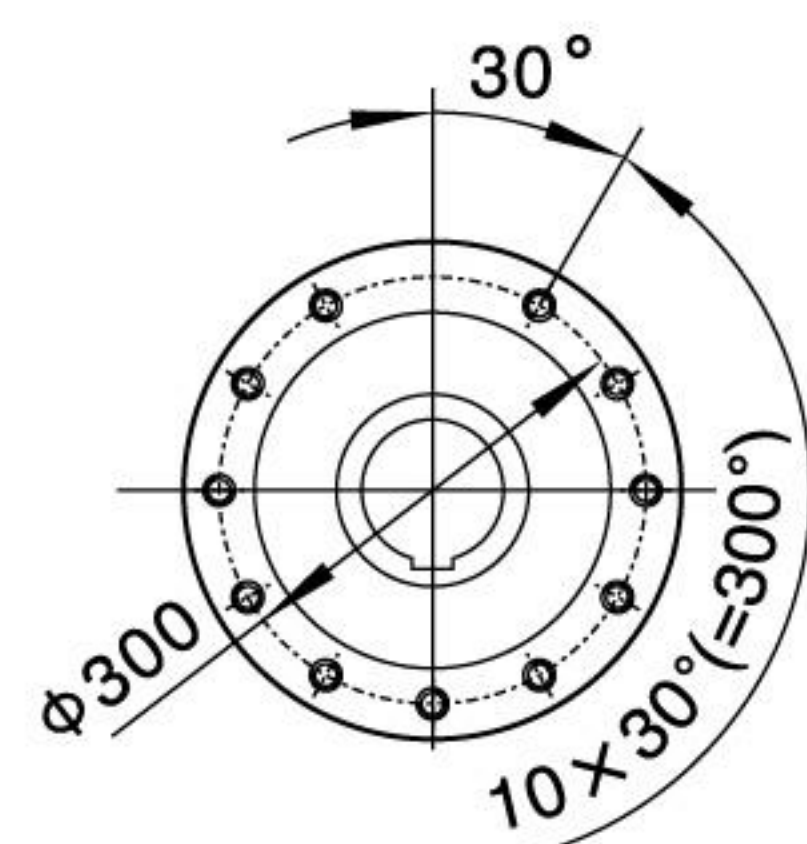
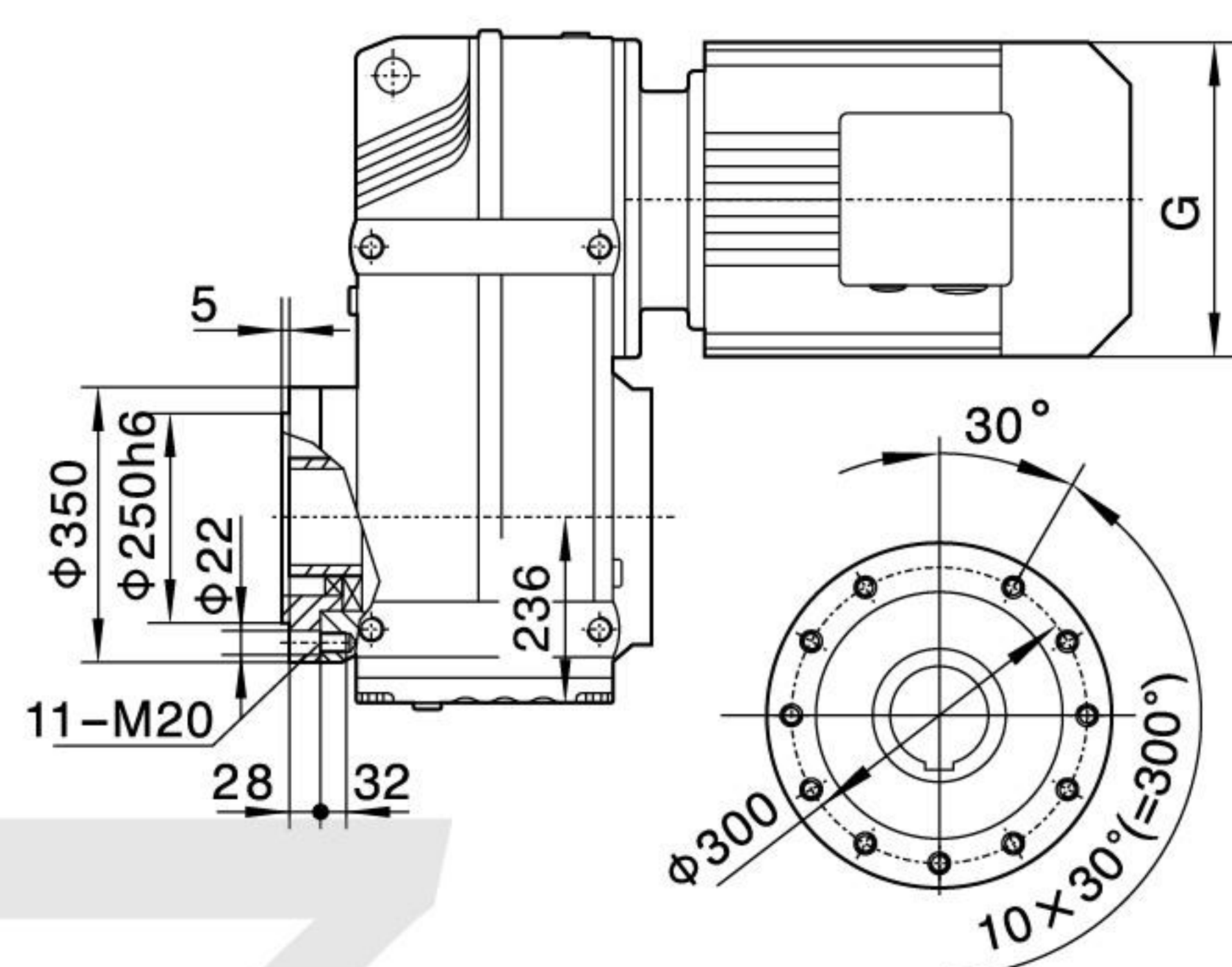
F..T127



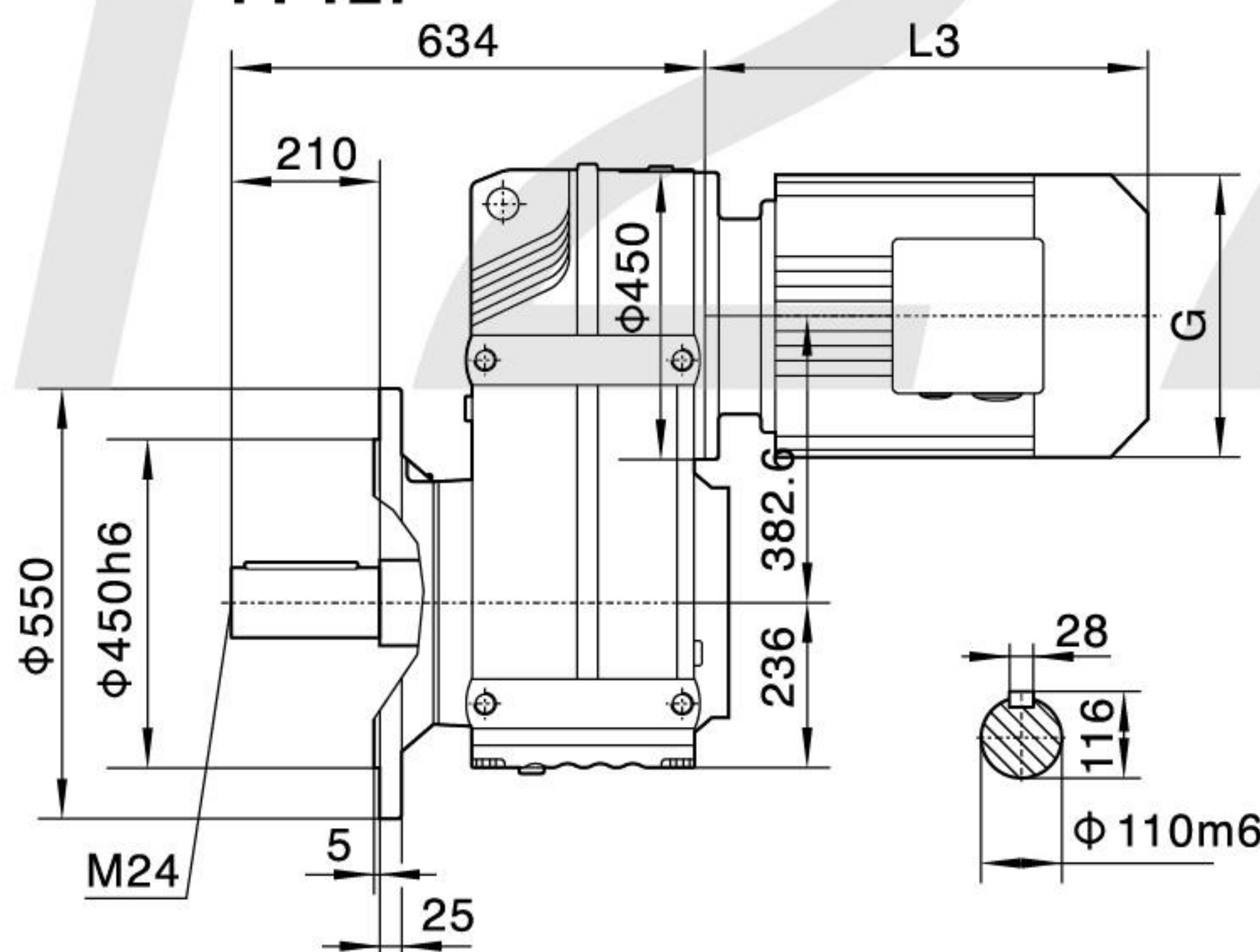
FA127



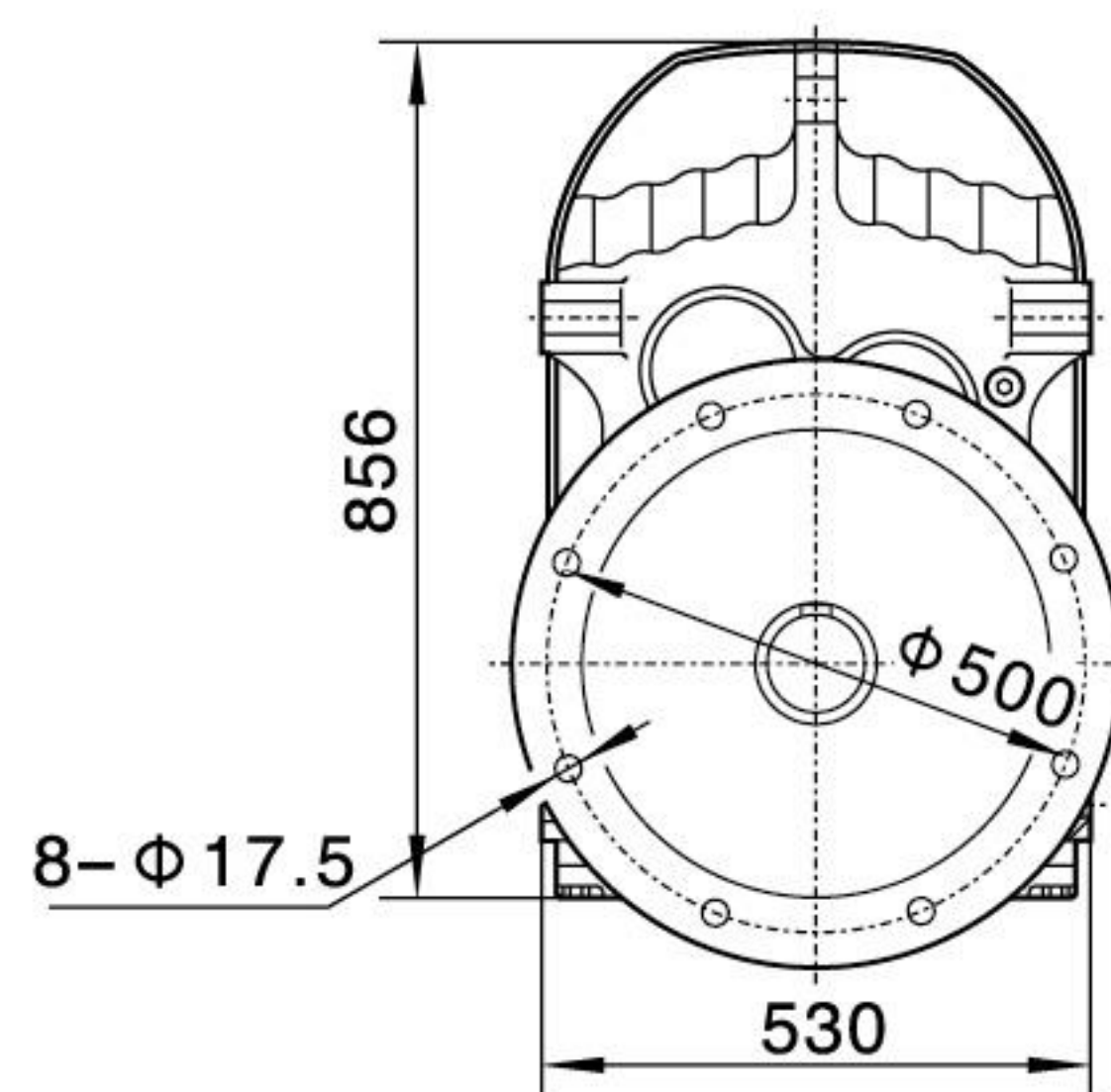
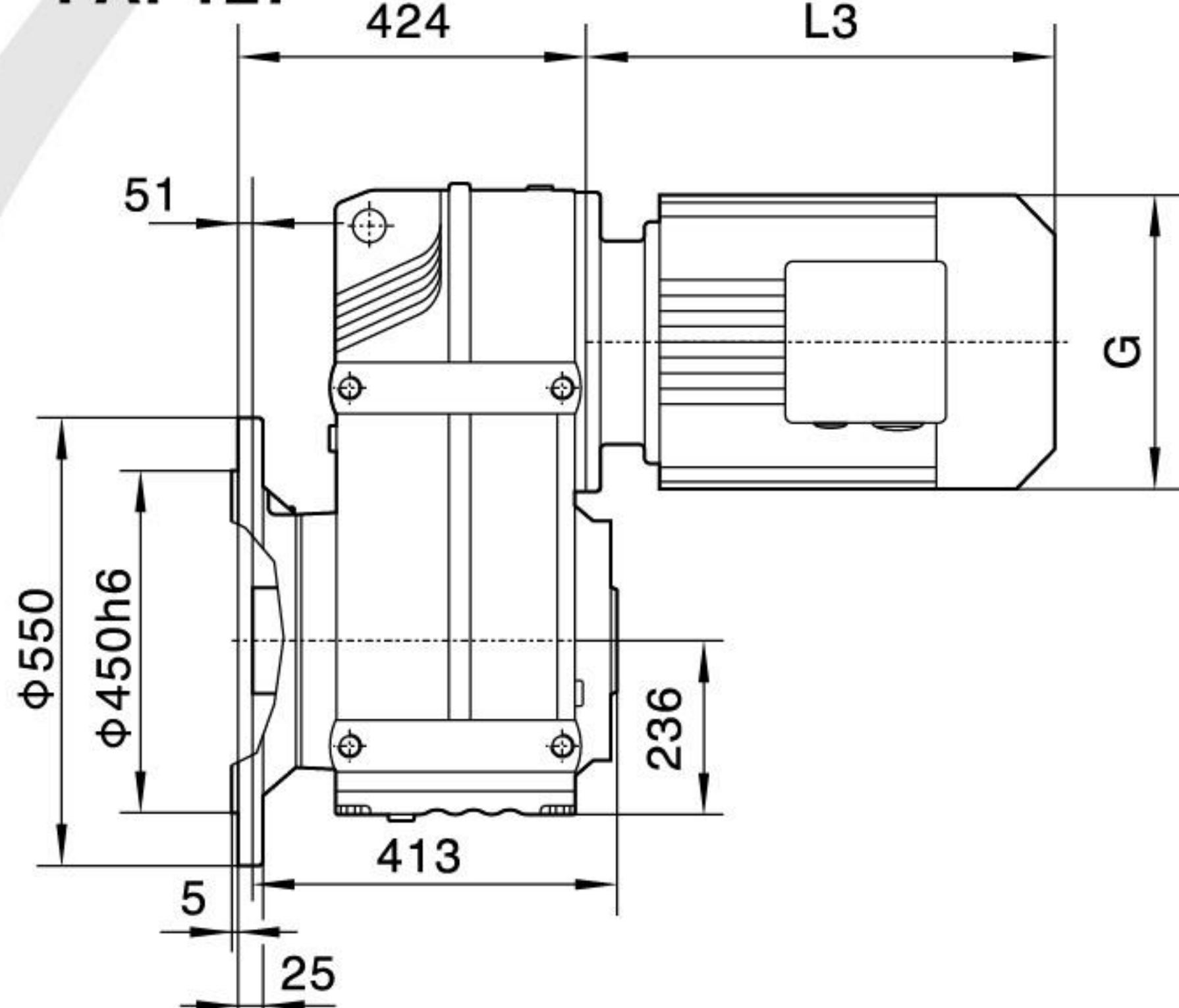
FAZ127



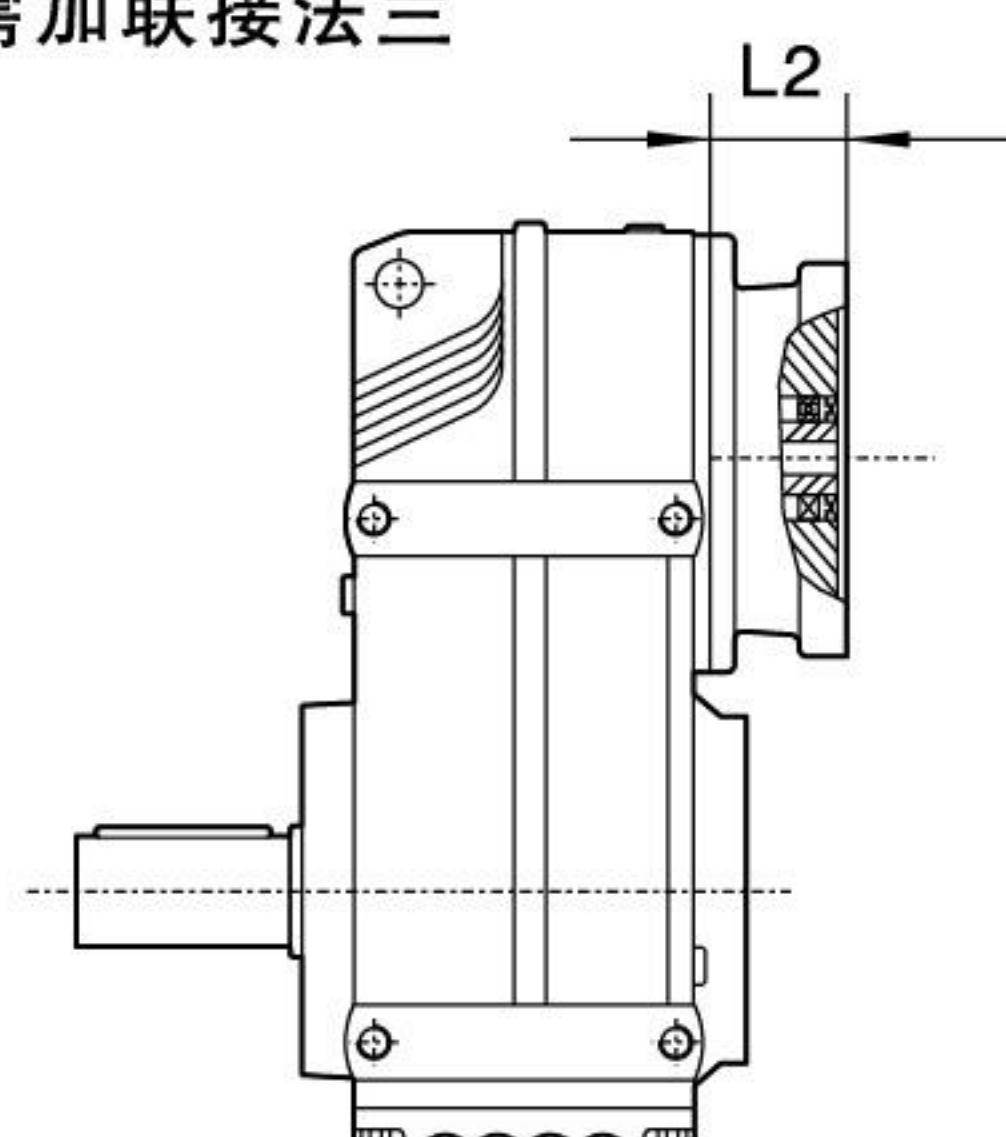
FF127



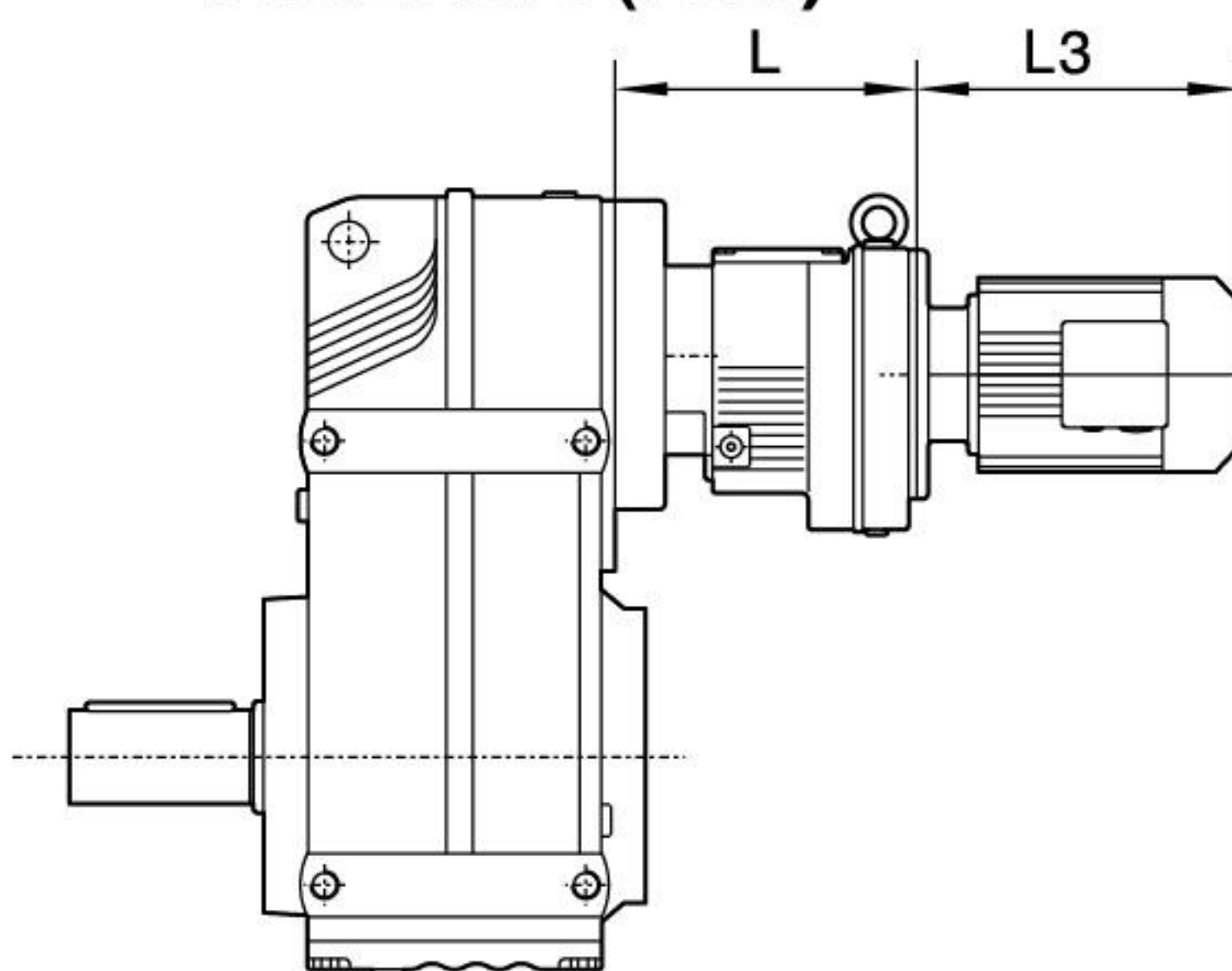
FAF127



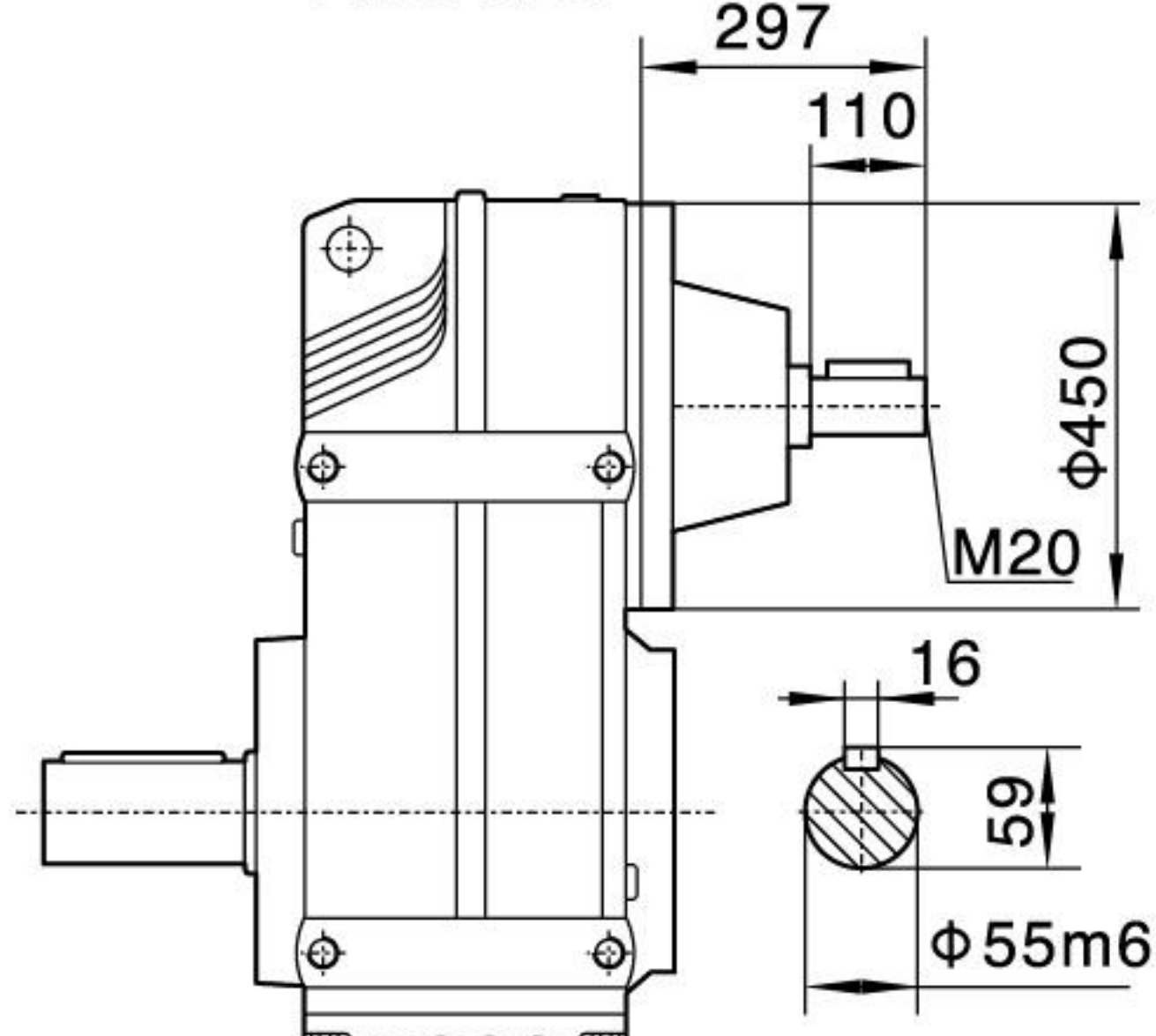
电机需方配或配特殊电机时  
需加联接法兰



F..127R77(R87)



F..S127



注: 其余尺寸见  
相对应结构形式

Note: For other  
values please  
refer to the o-  
pposited stru-  
cture.

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

Y2电机机座号 Motor size	132M	160M	160L	180M	180L	200	225S	225M	250	280S	280M
功率/4P Power/(kW)	7.5	11	15	18.5	22	30	37	45	55	75	90
L3	424	567	602	583	616	654	674	696	775	847	847
G	275	330	330	380	380	420	470	470	510	580	580
L2	132	132	132	132	132	132	143	143	174	174	174

注: 1. 以上壳体为通用件, 安装尺寸均可相互参照 2. "F.."表示 F、FA、FF、FAF、FAZ

Note: 1. The above housings are common parts. The mounting dimensions may consult each other. 2. "F.." mean F、FA、FF、FAF、FAZ



减速机专业制造商





因专注而专业 因专业而卓越

**温州阿尔法机械制造有限公司**

WENZHOU AERFA MACHINERY MANUFACTURING CO., LTD.

地 址：浙江省平阳县鳌江大道390-394号

TEL/FAX: 0577-63660251

客服热线：15958798933

<http://aefjsj.com>

E-mail: 15958798933@163.com