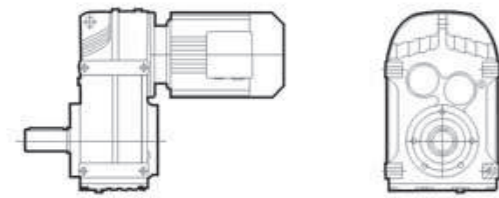
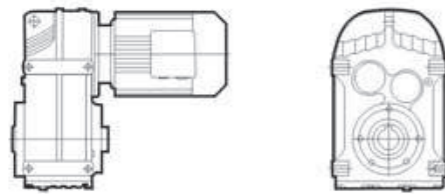


# ЦИЛИНДРИЧЕСКИЕ РЕДУКТОРЫ С ПАРАЛЛЕЛЬНЫМ ВАЛОМ СЕРИИ F

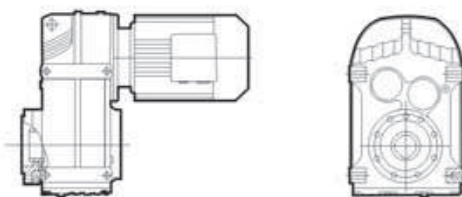
F series gear units are available in the following designs:



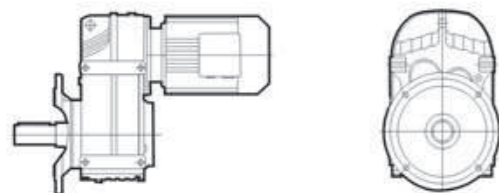
**F..Y..**  
Foot-mounted parallel shaft helical gear units with solid shaft



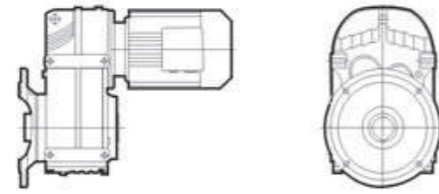
**FA..Y..**  
Parallel shaft helical gear units with hollow shaft



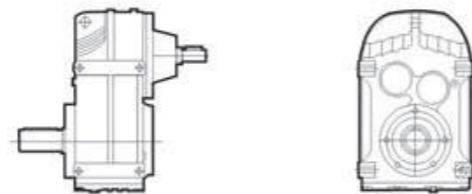
**FAZ..Y..**  
Short-flange-mounted Parallel shaft helical gear units with hollow shaft



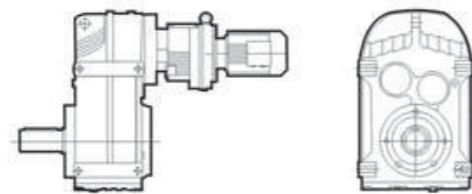
**FF..Y..**  
Flange-mounted Parallel shaft helical gear units with hollow shaft



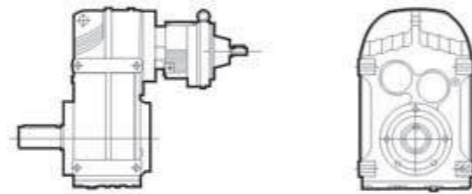
**FAZ..Y..**  
Flange-mounted parallel shaft helical gear units with hollow shaft



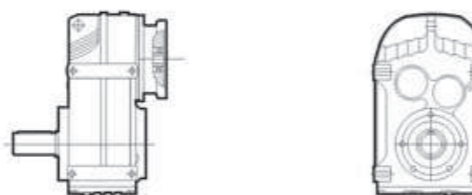
**F( FF, FA, FAF, FAZ) S...**  
Shaft input parallel shaft helical gear units



**F( FF, FA, FAF, FAZ) ...RF...Y...**  
Combinatorial parallel shaft helical gear units



**F( FF, FA, FAF, FAZ) S...RF...**  
Shaft input combinatorial parallel shaft helical gear units



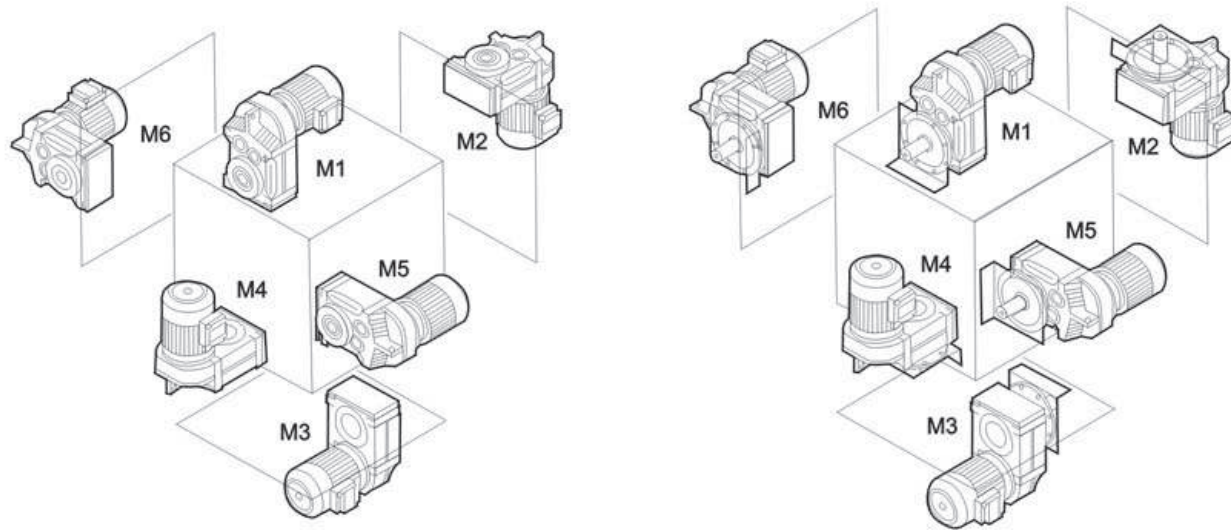
**F( FF, FA, FAF, FAZ) ...Y...**  
When equipping the user's motor or the special one, the flange is required to be connected

Type Designations:

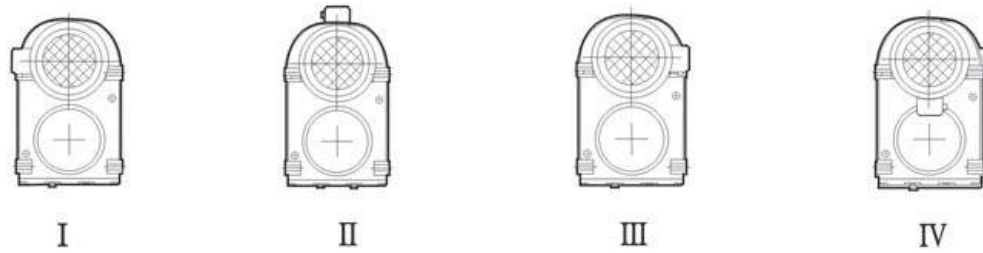
	F	37-Y	0.55-4P-32.40-	M1-	I
Gear units type	F				
Structure	37-Y				
Size	0.55-4P-32.40-				
Motor code	M1-				
Motor power, pole	0.55-4P-32.40-				
Ratio	37-Y				
Mounting position	M1-				
Position of the motor thermal box	I				
<b>Gear units type:</b> Parallel shaft helical gear units					
<b>Structure:</b>					
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)
<b>Size:</b> (see selection table)					
<b>Motor code:</b>					
Ordinary(renew)					Y(Y2)
Flame-proof					B
Direct current					Z
Brake					E
Multi-speed					D
Variable frequency					V
Power-divided					F
Ampere-increased					A
Electromagnetism speed modulation					C
Hoisting in metallurgy					R
Variable frequency and brake					VE
Roller tables					G
<b>Motor power, pole:</b> (see selection table)					
<b>Ratio:</b> (see selection table)					
<b>Mounting position:</b> M1, M2, M3, M4, M5, M6 (see page 64)					
<b>Position of the motor thermal box:</b> I, II, III, IV (see page 64)					

# ЦИЛИНДРИЧЕСКИЕ РЕДУКТОРЫ С ПАРАЛЛЕЛЬНЫМ ВАЛОМ СЕРИИ F

Mounting position:



Position of the motor thermal box



Input power rating and maximum torque

Size	37	47	57	67	77	87	97	107	127	157
Structure	F FA FF FAF FAZ									
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
Ration	3.81~128.51	5.06~170.27	5.18~199.70	4.21~196.46	4.20~243.46	4.12~270.68	4.68~270.64	6.20~255.25	4.63~172.33	12.07~198.14
(N.m) Maximum torque	200	400	600	820	1500	3000	4300	7840	12000	18000

Gear unit weight

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

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.

Lubrication table

F...

Size	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...

Size	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...

Size	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

## ЦИЛИНДРИЧЕСКИЕ РЕДУКТОРЫ С ПАРАЛЛЕЛЬНЫМ ВАЛОМ СЕРИИ F

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
<b>0.18kW</b>						<b>0.18kW</b>					
0.11	14324	13014	0.79			2.5	616	560	0.92		
0.12	12930	11748	0.87	FA	127RF77 4	2.7	558	507	1.01		
0.14	11305	10271	1.00	FAF	127RF77 4	3.1	499	453	1.13		
0.16	9797	8901	1.15	F	127RF77 4	3.3	469	426	1.20	FA	57RF37 4
0.18	8478	7703	1.33	FF	127RF77 4	3.6	426	387	1.32	FAF	57RF37 4
0.21	7449	6768	1.51			4.2	363	330	1.55	F	57RF37 4
						4.7	328	298	1.72	FF	57RF37 4
0.16	9408	8548	0.78			5.3	288	262	1.96		
0.18	8448	7675	0.87			6.2	249	226	2.3		
0.21	7281	6615	1.01			7.0	220	200	2.6		
0.24	6406	5820	1.15	FA	107RF77 4						
0.27	5749	5223	1.28	FAF	107RF77 4	4.1	371	337	1.01		
0.30	5027	4567	1.47	F	107RF77 4	4.6	331	301	1.13		
0.39	3875	3521	1.90	F	107RF77 4	4.9	314	285	1.20		
0.46	3343	3037	2.2	FF	107RF77 4	6.1	250	227	1.50	FA	47RF17 4
0.50	3033	2756	2.4			4.6	335	304	1.12	FAF	47RF17 4
0.59	2607	2369	2.8			4.7	322	293	1.17	F	47RF17 4
0.67	2276	2068	3.2			6.0	253	230	1.49	FF	47RF17 4
						6.4	238	216	1.58		
0.32	4815	4375	0.84			7.4	207	188	1.82		
0.35	4343	3946	0.9			7.9	194	176	1.94		
0.41	3743	3401	1.1								
0.47	3246	2949	1.2			8.2	187	170	1.00	FA	37RF17 4
0.54	2851	2590	1.4	FA	97RF57 4	8.3	185	168	1.02	FAF	37RF17 4
0.61	2495	2267	1.6	FAF	97RF57 4	10	146	133	1.28	F	37RF17 4
0.70	2189	1989	1.8	F	97RF57 4	11	142	129	1.32	FF	37RF17 4
0.80	1914	1739	2.1	FF	97RF57 4						
0.90	1697	1542	2.4			3.0	536	281.71	2.6	FA	77 6
1.0	1475	1340	2.7			3.2	500	262.93	2.8	FAF	77 6
1.2	1301	1182	3.1			3.8	429	225.79	3.3	F	77 6
0.48	3171	2881	0.9			3.7	435	228.99	1.77	FA	67 6
0.54	2834	2575	1.0			4.4	371	195.39	2.1	FAF	67 6
0.63	2420	2199	1.2			5.0	325	170.85	2.4	F	67 6
0.72	2124	1930	1.3	FA	87RF57 4						
0.81	1881	1709	1.5	FAF	87RF57 4	6.1	266	228.99	2.9	FA	67 4
0.93	1643	1493	1.7	F	87RF57 4	7.1	227	195.39	3.4	FAF	67 4
1.1	1431	1300	2.0	F	87RF57 4	8.1	199	170.85	3.9	F	67 4
1.2	1264	1148	2.2	FF	87RF57 4						
1.4	1112	1010	2.5			4.3	380	199.70	1.49		
1.6	976	887	2.9			4.6	349	183.60	1.62	FA	57 6
1.8	859	780	3.3			5.4	299	157.09	1.89	FAF	57 6
						6.2	259	136.16	2.2	F	57 6
0.8	1902	1728	0.7			6.7	242	127.27	2.3	FF	57 6
0.9	1698	1543	0.8			7.7	209	110.01	2.7		
1.0	1490	1354	0.9								
1.2	1316	1196	1.1	FA	77RF37 4	7.0	323	199.70	2.4	FA	57 4
1.3	1156	1050	1.2	FAF	77RF37 4	7.6	213	183.60	2.6	FAF	57 4
1.5	998	907	1.4	F	77RF37 4	8.8	183	157.09	3.1	F	57 4
1.7	892	810	1.6	FF	77RF37 4	10	158	136.16	3.6	FF	57 4
2.0	781	710	1.8			11	148	127.27	3.8		
2.3	660	600	2.1								
1.6	944	858	0.82			4.5	360	189.39	1.0	FA	47 6
1.9	812	738	0.95			4.9	331	174.13	1.1	FAF	47 6
2.2	689	626	1.12			5.7	283	148.98	1.3	F	47 6
2.4	630	572	1.22			6.6	245	129.14	1.5	FF	47 6
2.8	547	497	1.41			7.0	229	120.70	2.5		
3.3	470	427	1.64								
3.8	403	366	1.91	FA	67RF37 4	7.3	220	189.39	1.71	FA	47 4
2.8	550	500	1.40	FAF	67RF37 4	8.0	202	174.13	1.86	FAF	47 4
3.1	500	454	1.54	F	67RF37 4	9.3	173	148.98	2.2	F	47 4
3.5	431	392	1.79	FF	67RF37 4	11	150	129.14	2.5	FF	47 4
4.2	367	333	2.1			12	140	120.70	2.7		
4.7	327	297	2.4								
5.3	287	261	2.7								
5.8	262	238	2.9								
7.0	220	200	3.5								

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
<b>0.18kW</b>						<b>0.25kW</b>					
7.2	224	117.88	0.84	FA	37 6	0.72	2950	1930	1.0		
8.5	191	100.36	0.99	FAF	37 6	0.81	2613	1709	1.1		
9.8	164	86.53	1.14	F	37 6	0.93	2282	1493	1.2	FA	87RF57 4
11	153	80.65	1.23	FF	37 6	1.1	1987	1300	1.4	FAF	87RF57 4
12	134	70.50	1.40			1.2	1755	1148	1.6	F	87RF57 4
						1.4	1544	1010	1.8	FF	87RF57 4
11	149	128.51	1.26			1.6	1356	887	2.1		
12	137	117.88	1.37			1.8	1192	780	2.4		
14	117	100.36	1.61			2.1	1030	674	2.7		
16	101	86.53	1.87								
17	94	80.65	2.0			1.3	1605	1050	0.88		
20	82	70.50	2.3			1.5	1387	907	1.02		
21	77	66.09	2.4			1.7	1238	810	1.14	FA	77RF37 4
24	68	58.32	2.8			2.0	1085	710	1.30	FAF	77RF37 4
25	63	54.54	3.0			2.3	917	600	1.54	F	77RF37 4
27	60	51.70	3.1			2.6	803	525	1.76	FF	77RF37 4
30	55	47.02	3.4			3.0	717	469	1.97		
32	51	43.83	3.7			3.4	630	412	2.2		
36	45	38.31	4.2								
39	42	35.91	4.5	FA	37 4	2.2	980	641	0.79		
44	37	31.69	5.1	FAF	37 4	2.4	874	572	0.88		
49	33	28.09	5.8	F	37 4	2.7	778	509	0.99		
58	28	23.88	6.8	FF	37 4	3.2	668	437	1.15	FA	67RF37 4
59	27	23.63	6.8			2.8	764	500	1.01	FAF	67RF37 4
68	24	20.57	7.9			3.1	694	454	1.11	F	67RF37 4
72	22	19.27	8.4			3.5	599	392	1.29	FF	67RF37 4
82	20	17.03	9.5			4.2	509	333	1.51		
88	18	15.81	10.2			4.7	454	297	1.70		
97	17	14.33	11			5.3	399	261	1.93		
108	15	12.87	13			5.8	364	238	2.1		
125	13	11.08	14								
133	12	10.42	14			3.6	592	387	0.95		
155	10	8.97	16			4.2	504	330	1.12		
185	8.7	7.51	16			5.6	381	249	1.48		
204	7.9	6.81	17			3.6	584	382	0.97	FA	57RF37 4
227	7.1	6.11	18			4.2	505	330	1.12	FAF	57RF37 4
264	6.1	5.27	19			4.7	456	298	1.24	F	57RF37 4
281	5.8	4.95	20			5.3	401	262	1.41	FF	57RF37 4
326	5.0	4.26	21			6.2	345	226	1.63		
						7.0	306	200	1.84		
						8.4	254	166	2.2		
<b>0.25kW</b>						<b>0.25kW</b>					
0.16	13607	8901	0.83			6.1	347	227	1.08		
0.18	11775	7703	0.96	FA	127RF77 4	6.4	330	216	1.14		
0.21	10346	6768	1.09	FAF	127RF77 4	7.2	294	192	1.28		
0.23	9131	5973	1.24	F	127RF77 4	8.0	264	173	1.42	FA	47RF17 4
0.27	7760	5076	1.45	FF	127RF77 4	6.0	352	230	1.07	FAF	47RF17 4
0.31	6827	4466	1.7			6.4	330	216	1.14	F	47RF17 4
						7.4	287	188	1.31	FF	47RF17 4
0.24	8897	5820	0.83			7.9	269	176	1.40		
0.27	7984	5223	0.92			9.4	226	148	1.66		
0.30	6982	4567	1.06			11	199	130	1.89		
0.40	5262	3442	1.40	FA	107RF77 4						
0.46	4643	3037	1.59	FAF	107RF77 4	10	203	133	0.92	FA	37RF17 4
0.50	4213	2756	1.75	F	107RF77 4	11	197	129	0.95	FAF	37RF17 4
0.59	3621	2369</									

## ЦИЛИНДРИЧЕСКИЕ РЕДУКТОРЫ С ПАРАЛЛЕЛЬНЫМ ВАЛОМ СЕРИИ F

Output speed r/min	Output torque Nm	Ratio i	Service factor f <sub>s</sub>	Type	Pole P	Output speed r/min	Output torque Nm	Ratio i	Service factor f <sub>s</sub>	Type	Pole P
<b>0.25kW</b>						<b>0.25kW</b>					
3.7	605	228.99	1.3	FA 67	6	204	11	6.81	1.2	FA 37	4
4.4	516	195.39	1.5	FAF 67	6	227	10	6.11	1.3	FAF 37	4
5.0	451	170.85	1.7	F 67	6	264	8.5	5.27	1.4	F 37	4
5.2	429	162.31	1.8	FF 67	6	281	8.0	4.95	1.4	F 37	4
6.0	376	142.40	2.1			326	6.9	4.26	1.5	FF 37	4
<b>0.37kW</b>						<b>0.37kW</b>					
6.1	370	228.99	2.1	FA 67	4	0.21	15312	6768	0.74		
7.1	315	195.39	2.4	FAF 67	4	0.23	13514	5973	0.83	FA 127RF77	4
8.1	276	170.85	2.8	F 67	4	0.27	11484	5076	0.98	FAF 127RF77	4
8.6	262	162.31	2.9	F 67	4	0.31	10104	4466	1.12	F 127RF77	4
9.8	230	142.40	3.4	FF 67	4	0.36	8751	3868	1.29	FF 127RF77	4
<b>0.55kW</b>						<b>0.55kW</b>					
4.3	527	199.70	1.07			0.41	7699	3403	1.47		
4.6	485	183.60	1.16	FA 57	6	0.47	6758	2987	1.67		
5.4	415	157.09	1.4	FAF 57	6	<b>0.75kW</b>					
6.2	360	136.16	1.6	F 57	6	0.46	6871	3037	1.07	FA 107RF77	4
6.7	336	127.27	1.7	FF 57	6	0.50	6235	2756	1.16	FAF 107RF77	4
7.7	290	110.01	1.9			0.59	5360	2369	1.35	F 107RF77	4
<b>0.75kW</b>						<b>0.75kW</b>					
7.0	322	199.70	1.7			0.67	4679	2068	1.54		
7.6	296	183.60	1.9	FA 57	4	0.87	3613	1597	2.0	FF 107RF77	4
8.8	254	157.09	2.2	FAF 57	4	<b>1.1kW</b>					
10	220	136.16	2.6	F 57	4	0.61	5129	2267	0.79		
11	205	127.27	2.7	FF 57	4	0.70	4505	1991	0.90		
13	178	110.01	3.2			0.80	3934	1739	1.03	FA 97RF57	4
<b>1.1kW</b>						<b>1.1kW</b>					
5.7	393	148.98	1.0	FA 47	6	0.90	3489	1542	1.16	FAF 97RF57	4
6.6	341	129.14	1.1	FAF 47	6	1.0	3032	1340	1.3	F 97RF57	4
7.0	319	120.70	1.2	F 47	6	1.2	2674	1182	1.5	FF 97RF57	4
8.1	275	104.33	1.4	FF 47	6	1.3	2335	1032	1.7		
<b>1.5kW</b>						<b>1.5kW</b>					
7.3	306	189.39	1.2			1.5	2052	907	2.0		
8.0	281	174.13	1.3	FA 47	4	<b>2.2kW</b>					
9.3	241	148.98	1.6	FAF 47	4	1.1	2941	1300	1.0		
11	209	129.14	1.8	F 47	4	1.2	2597	1148	1.1		
12	195	120.70	1.9	F 47	4	1.4	2285	1010	1.2	FA 87RF57	4
13	168	104.33	2.2	FF 47	4	1.6	2007	887	1.4	FAF 87RF57	4
16	143	88.65	2.6			1.8	1765	780	1.6	F 87RF57	4
<b>2.2kW</b>						<b>2.2kW</b>					
11	207	128.51	0.9			2.1	1525	674	1.8	FF 87RF57	4
12	190	117.88	1.0			2.3	1378	609	2.0		
14	162	100.36	1.2			2.7	1165	515	2.4		
16	140	86.53	1.3			3.1	1023	452	2.8		
17	130	80.65	1.4			<b>3.0kW</b>					
20	114	70.50	1.7			1.7	1833	810	0.77		
21	107	66.09	1.8			2.0	1606	710	0.88		
24	94	58.32	2.0			2.3	1357	600	1.04	FA 77RF37	4
25	88	54.54	2.1			2.6	1188	525	1.19	FAF 77RF37	4
27	83	51.70	2.3			3.0	1061	469	1.33	F 77RF37	4
30	76	47.02	2.5			3.4	932	412	1.51	FF 77RF37	4
32	71	43.83	2.7			3.9	808	357	1.75		
36	62	38.31	3.0	FA 37	4	4.4	710	314	1.98		
39	58	35.91	3.2	FAF 37	4	<b>3.7kW</b>					
44	51	31.69	3.7	F 37	4	3.3	966	427	0.80	FA 67RF37	4
49	45	28.09	4.1	FF 37	4	3.8	828	366	0.93	FAF 67RF37	4
58	39	23.88	4.9			4.3	731	323	1.05	F 67RF37	4
59	38	23.63	4.9			4.8	656	290	1.17	FF 67RF37	4
68	33	20.57	5.7			5.4	581	257	1.33		
72	31	19.27	6.0			6.3	498	220	1.55		
82	27	17.03	6.8			<b>5.5kW</b>					
88	26	15.81	7.4			5.6	563	249	1.00		
97	23	14.33	8.1			7.1	446	197	1.27	FA 57RF37	4
108	21	12.87	9.0			7.7	410	181	1.38	FAF 57RF37	4
125	18	11.08	10			5.3	593	262	0.95	F 57RF37	4
133	17	10.42	10			6.2	511	226	1.10	FF 57RF37	4
155	14	8.97	11			7.0	452	200	1.25		
185	12	7.51	11			8.4	376	166	1.50		
						9.1	344	152	1.64		
						10	303	134	1.86		

Output speed r/min	Output torque Nm	Ratio i	Service factor f <sub>s</sub>	Type	Pole P	Output speed r/min	Output torque Nm	Ratio i	Service factor f <sub>s</sub>	Type	Pole P
<b>0.37kW</b>						<b>0.37kW</b>					
8.0	391	173	0.96	FA 47RF17	4	32	105	43.83	1.80		
9.5	330	146	1.14	FAF 47RF17	4	36	92	38.31	2.1		
11	292	129	1.29	F 47RF17	4	39	86	35.91	2.2		
				FF 47RF17	4	44	76	31.69	2.5		
<b>0.55kW</b>						<b>0.55kW</b>					
2.4	1400	271.92	2.0	FA 87	8	49	67	28.09	2.8		
2.5	1313	254.93	2.1	FAF 87	8	58	57	23.88	3.3		
2.8	1177	228.57	2.4	F 87	8	59	56	23.63	3.3		
3.3	1014	196.85	2.8	FF 87	8	68	49	20.57	3.8		
<b>0.75kW</b>						<b>0.75kW</b>					
3.1	1063	271.92	2.7	FA 87	6	72	46	19.27	4.1		
3.3	996	254.93	2.8	FAF 87	6	82	41	17.03	4.6	FA 37	4
3.7	893	228.57	3.2	F 87	6	88	38	15.81	5.0	FAF 37	4
				FF 87	6	97	34	14.33	5.5	F 37	4
<b>1.1kW</b>						<b>1.1kW</b>					
3.8	882	225.79	1.6			108	31	12.87	6.1	FF 37	4
4.3	775	198.31	1.8	FA 77	6	125	26	11.08	6.7		
4.5	736	188.40	1.9	FAF 77	6	133	25	10.42	7.0		
5.1	651	166.47	2.2	F 77	6	155	21	8.97	7.7		
6.0	556	142.27	2.5	FF 77	6	185	18	7.51	7.6		
<b>1.5kW</b>						<b>1.5kW</b>					
4.9	673	281.71	2.1	FA 77	4	204	16	6.81	8.1		
5.3	628	262.93	2.2	FAF 77	4	227	15	6.11	8.7		
6.2	540	225.79	2.6	F 77	4	264	13	5.27	9.3		
7.0	474	198.31	3.0	FF 77	4	281	12	4.95	9.5		
<b>2.2kW</b>						<b>2.2kW</b>					
4.4	764	195.39	1.01	FA 67	6	326	10	4.26	10		
5.0	668	170.85	1.15	FAF 67	6	<b>0.55kW</b>					
5.2	634	162.31	1.22	F 67	6	0.22	21141	6286	0.80		
6.0	556	142.40	1.4	FF 67	6	0.26	18174	5404	0.93	FA 157RF77	4
7.0	472	120.79	1.6			0.50	9336	2776	1.81	FAF 157RF77	4
<b>3.0kW</b>						<b>3.0kW</b>					
6.1	547	228.99	1.41			0.57	8162	2427	2.1	F 157RF77	4
7.1	467	195.39	1.65	FA 67	4	0.83	5630	1674	3.0	FF 157RF77	4
8.1	408	170.85	1.89	FAF 67	4	1.1	4399	1308	3.8		
8.6	388	162.31	1.99	F 67	4	1.2	3931	1169	4.3		
9.8	340	142.40	2.3	FF 67	4	<b>0.75kW</b>					
12	289	120.79	2.7			0.36	13009	3868	0.87	FA 127RF77	4
<b>3.7kW</b>						<b>3.7kW</b>					
5.4	614	157.09	0.92	FA 57	6	0.41	11445	3403	0.99	FAF 127RF77	4
6.2	532	136.16	1.06	FAF 57	6	0.47	10046	2987	1.12	F 127RF77	4
6.7	497	127.27	1.13	F 57	6					FF 127RF77	4
7.7	430	110.01	1.31	FF 57	6	<b>1.1kW</b>					
<b>5.5kW</b>						<b>5.5kW</b>					
7.0	477	199.70	1.18			0.59	7967	2369	0.92		
7.6	439	183.60	1.29			0.67	6955	2068	1.06		
8.8	375	157.09	1.50	FA 57	4	0.76	6141	1826	1.20		
10	325	136.16	1.73	FAF 57	4	0.87	5371	1597	1.37	FA 107RF77	4
11	304	127.27	1.85	F 57	4	0.99	4712	1401	1.56	FAF 107RF77	4
13	263	110.01	2.1	FF 57	4	1.19	3921	1166	1.88	F 107RF77	4
15	223	93.47	2.5			1.28	3656	1087	2.0	FF 107RF77	4
17	199	83.46	2.8			1.46	3195	950	2.3		
<b>7.5kW</b>						<b>7.5kW</b>					
9	356	148.98	1.06			1.67	2805	834	2.6		
11	309	129.14	1.22			2.17	2152	640	3.4		
13	249	104.33	1.51	FA 47	4	<b>1.1kW</b>					
16	212	88.65	1.77	FAF 47	4	1.04	4507	1340	0.90		
18	189	79.15	2.0	F 47	4	1.18	3975	1182	1.02		
21	162	67.61	2.3	FF 47	4	1.35	3471	1032	1.16		
21	155	64.89	2.4			1.5					

## ЦИЛИНДРИЧЕСКИЕ РЕДУКТОРЫ С ПАРАЛЛЕЛЬНЫМ ВАЛОМ СЕРИИ F

Output speed r/min	Output torque Nm	Ratio i	Service factor f <sub>B</sub>	Type	Pole P	Output speed r/min	Output torque Nm	Ratio i	Service factor f <sub>B</sub>	Type	Pole P
<b>0.55kW</b>						<b>0.55kW</b>					
2.6	1766	525	0.80	FA	77RF37 4	21	230	64.89	1.63	FA	47 4
3.0	1577	469	0.89	FAF	77RF37 4	25	199	56.09	1.89	FAF	47 4
3.4	1386	412	1.02	F	77RF37 4	29	169	47.66	2.2	F	47 4
3.9	1201	357	1.17	FF	77RF37 4	33	151	42.55	2.5	FF	47 4
4.4	1056	314	1.34								
5.4	864	257	0.89	FA	67RF37 4	24	207	58.32	0.91		
6.3	740	220	1.04	FAF	67RF37 4	25	194	54.54	0.97		
7.1	659	196	1.17	F	67RF37 4	27	184	51.70	1.02		
8.3	562	167	1.37	FF	67RF37 4	30	167	47.02	1.13		
						32	156	43.83	1.21		
2.4	2039	276.64	1.98	FA	97 8	36	136	38.31	1.38		
2.6	1878	254.79	2.2	FAF	97 8	39	128	35.91	1.47		
3.0	1668	226.34	2.4	F	97 8	44	113	31.69	1.67		
				FF	97 8	49	100	28.09	1.88		
2.5	2004	271.92	1.41	FA	87 8	58	85	23.88	2.2		
2.6	1875	254.93	1.50	FAF	87 8	59	84	23.63	2.2		
2.9	1684	228.57	1.67	F	87 8	68	73	20.57	2.6	FA	37 4
3.4	1450	196.85	1.94	FF	87 8	72	68	19.27	2.7	FAF	37 4
						82	60	17.03	3.1	F	37 4
3.3	1517	271.92	1.86	FA	87 6	97	51	14.33	3.7	FF	37 4
3.5	1422	354.93	1.98	FAF	87 6	108	46	12.87	4.1		
3.9	1275	228.57	2.2	F	87 6	125	39	11.08	4.5		
4.5	1098	196.85	2.6	FF	87 6	133	37	10.42	4.7		
4.9	998	178.95	2.8			155	32	8.97	5.2		
						174	28	8.01	5.6		
3.9	1260	225.79	1.12	FA	77 6	185	27	7.51	5.1		
4.5	1106	198.31	1.27	FAF	77 6	204	24	6.81	5.4		
4.7	1051	188.40	1.34	F	77 6	227	22	6.11	5.8		
5.3	929	166.47	1.52	FF	77 6	264	19	5.27	6.3		
6.2	794	142.27	1.78			281	18	4.95	6.4		
6.8	728	130.42	1.94			326	15	4.26	6.8		
						365	14	3.81	7.3		
6.2	802	225.79	1.76			<b>0.75kW</b>					
7.0	704	198.31	2.0	FA	77 4	0.50	12731	2776	1.33	FA	157RF97 4
7.4	669	188.40	2.1	FAF	77 4	0.57	11130	2427	1.52	FAF	157RF97 4
8.3	591	166.47	2.4	F	77 4	0.83	7677	1674	2.2	F	157RF97 4
9.8	505	142.27	2.8	FF	77 4	1.1	5999	1308	2.8	FF	157RF97 4
11	463	130.42	3.0			1.2	5361	1169	3.2		
12	407	114.45	3.5								
13	385	108.46	3.7			0.47	13699	2987	0.82	FA	127RF77 4
15	337	94.93	4.2			0.52	12350	2693	0.91	FAF	127RF77 4
						0.59	10896	2376	1.04	F	127RF77 4
7.1	694	195.39	1.11	FA	67 4	0.68	9420	2054	1.20	FF	127RF77 4
8.1	607	170.85	1.27	FAF	67 4	0.77	8246	1798	1.37		
8.6	577	162.31	1.34	F	67 4	0.86	7425	1619	1.52		
9.8	506	142.40	1.52	FF	67 4						
12	429	120.79	1.80			0.76	8374	1826	0.88		
13	387	109.04	2.0	FA	107RF77 4	0.88	7241	1597	1.02		
14	341	95.94	2.3	FAF	107RF77 4	0.99	6425	1401	1.15	FA	107RF77 4
15	322	90.59	2.4	F	107RF77 4	1.1	5700	1243	1.29	FAF	107RF77 4
18	277	77.97	2.8	FF	107RF77 4	1.3	4985	1087	1.48	F	107RF77 4
						1.5	4357	950	1.69	FF	107RF77 4
8.8	558	157.09	1.01			1.7	3825	834	1.93		
10	484	136.16	1.17			2.2	2875	627	2.6		
11	452	127.27	1.25	FA	57 4	3.3	1958	427	3.8		
13	391	110.01	1.44	FAF	57 4						
15	332	93.47	1.70	F	57 4	1.3	4733	1032	0.85		
17	296	83.47	1.90	FF	57 4	1.5	4160	907	0.97		
19	260	73.16	2.2			1.7	3651	796	1.1	FA	97RF57 4
20	243	68.38	2.3			2.0	3210	700	1.3	FAF	97RF57 4
24	210	59.10	2.7			2.3	2802	611	1.4	F	97RF57 4
						2.6	2449	534	1.7	FF	97RF57 4
13	371	104.33	1.01	FA	47 4	2.9	2165	472	1.9		
16	315	88.65	1.19	FAF	47 4	3.4	1880	410	2.1		
18	281	79.15	1.34	F	47 4	3.8	1683	367	2.4		
21	240	67.61	1.57	FF	47 4						

Output speed r/min	Output torque Nm	Ratio i	Service factor f <sub>B</sub>	Type	Pole P	Output speed r/min	Output torque Nm	Ratio i	Service factor f <sub>B</sub>	Type	Pole P
<b>0.75kW</b>						<b>0.75kW</b>					
2.1	3091	674	0.91	FA	87RF57 4	19	354	73.16	1.59	FA	57 4
2.3	2793	609	1.01	FAF	87RF57 4	20	331	68.38	1.70	FAF	57 4
2.7	2362	515	1.19	F	87RF57 4	24	286	59.10	1.97	F	57 4
3.1	2073	452	1.36	FF	87RF57 4	28	243	50.22	2.3	FF	57 4
4.0	1582	345	1.78			31	217	44.84	2.6		
3.9	1637	357	0.86	FA	77RF37 4	17	386	79.72	0.97		
4.4	1440	314	0.98	FAF	77RF37 4	20	330	68.09	1.14		
5.1	1247	272	1.13	F	77RF37 4	21	317	65.36	1.19	FA	47 4
				FF	77RF37 4	25	272	56.09	1.38	FAF	47 4
						29	231	47.66	1.63	F	47 4
2.7	2519	255.25	2.9	FA	107 8	33	206	42.55	1.82	FF	47 4
				FAF	107 8	38	176	36.34	2.1		
				F	107 8	41	165	34.04	2.3		
				FF	107 8	48	139	28.67	2.7		
2.5	2739	276.64	1.5	FA	97 8	30	228	47.02	0.83		
2.7	2523	254.79	1.6	FAF	97 8	32	212	43.83	0.89		
3.0	2241	226.34	1.8	F	97 8	36	186	38.31	1.01		
				FF	97 8	39	174	35.91	1.08		
						44	153	31.69	1.22		
3.3	2047	276.64	2.0	FA	97 6	49	136	28.09	1.38		
3.6	1885	254.79	2.1	FAF	97 6	58	116	23.88	1.63		
4.0	1675	226.34	2.4	F	97 6	59	114	23.63	1.6		
				FF	97 6	68	100	20.57	1.9		
						72	93	19.27	2.0	FA	37 4
3.3	2012	271.92	1.40	FA	87 6	82	82	17.03	2.3	FAF	37 4
3.6	1886	254.93	1.50	FAF	87 6	97	69	14.33	2.7	F	37 4
4.0	1691	228.57	1.67	F	87 6	108	62	12.87	3.0	FF	37 4
4.6	1456	196.85	1.94	FF	87 6	125	54	11.08	3.3		
5.1	1324	178.95	2.1			133	50	10.42	3.4		
5.7	1181	159.61	2.4			155	43	8.97	3.8		
						204	33	6.81	4.0		
						227	30	6.11	4.3		
5.1	1317	271.92	2.1	FA	87 4	264	26	5.27	4.6		
5.4	1235	254.93	2.3	FAF	87 4	281	24	4.95	4.7		
6.1	1107	228.57	2.5	F	87 4	326	21	4.26	5.0		
				FF	87 4	365	18	3.81	5.3		
4.6	1467	198.31	0.96	FA	77 6	<b>1.1kW</b>					
4.8	1394	188.40	1.01	FAF	77 6	0.50	18539	2776	0.91		
5.5	1232	166.47	1.14	F	77 6	0.58	16208	2427	1.04		
6.4	1053	142.27	1.34	FF	77 6	0.64	14592	2185	1.16		
7.0	965	130.42	1.46			0.72	12982	1944	1.30	FA	157RF97 4
						0.84	11179	1674	1.51	FAF	157RF97 4
6.2	1094	225.79	1.29	FA	77 4	1.1	8735	1308	1.94	F	157RF97 4
7.0	961	198.31	1.47	FAF	77 4	1.2	7807	1169	2.2	FF	157RF97 4
7.4	913	188.40	1.55	F	77 4	1.5	6364	953	2.7		
8.3	806	166.47	1.75	FF	77 4	1.7	5643	845	3.0		
9.8	689	142.27	2.0			3.1	2978	446	5.7		
11	632	130.42	2.2			4.7	2010	301	8.4		
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		
8.1	828	170.85	0.93			9.8	690	142.40	1.12	FA	67 4
8.6	786	162.31	0.98			12	585	120.79	1.32	FAF	67 4
9.8	690	142.40	1.12			13	528	109.04</			





## ЦИЛИНДРИЧЕСКИЕ РЕДУКТОРЫ С ПАРАЛЛЕЛЬНЫМ ВАЛОМ СЕРИИ F

Output speed r/min	Output torque Nm	Ratio i	Service factor f <sub>B</sub>	Type Type	Pole P	Output speed r/min	Output torque Nm	Ratio i	Service factor f <sub>B</sub>	Type Type	Pole P
<b>4kW</b>						<b>5.5kW</b>					
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 157RF97	4
11	3195	128.12	1.27	FA 97	4	4.1	11460	353	1.48	FAF157RF97	4
13	2833	113.61	1.43	FAF 97	4	4.8	9771	301	1.73	F 157RF97	4
14	2561	102.72	1.58	F 97	4	5.3	8830	272	1.92	FF 157RF97	4
15	2427	97.31	1.67	FF 97	4	6.2	7499	231	2.3		
16	2263	90.77	1.79			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 127RF87	4
13	2730	109.49	1.03			4.6	10129	312	1.11	FAF127RF87	4
15	2441	97.89	1.16			4.9	9512	293	1.19	F 127RF87	4
16	2195	88.01	1.28	FA 87	4	5.5	8505	262	1.33	FF 127RF87	4
19	1905	76.39	1.48	FAF 87	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 127RF97	4
29	1254	50.29	2.2			3.9	12044	371	0.94	FAF127RF97	4
32	1128	45.22	2.5							FF 127RF97	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	FAF 157	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	FAF 77	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		
57	635	25.47	2.2	FF 77	4	8.3	5959	86.90	2.8		
50	717	28.59	1.97			9.1	5450	79.47	3.1		
56	636	25.50	2.2			10	4742	69.15	3.6		
67	534	21.43	2.6								
73	491	19.70	2.9			4.2	11817	172.33	0.95	FA 127	8
						4.7	10616	154.81	1.06	FAF127	8
53	683	27.41	1.13			5.7	8620	125.71	1.31	F 127	8
57	627	25.13	1.23			6.2	7555	116.00	1.42	FF 127	8
65	550	22.05	1.40								
69	521	20.90	1.48			6.7	7373	215.04	0.98	FA 107	4
79	456	18.29	1.69			7.2	6834	199.31	1.06	FAF107	4
87	411	16.48	1.88			8.1	6125	178.64	1.18	F 107	4
100	361	14.46	2.1	FA 67	4	8.9	5530	161.28	1.31	FAF107	4
113	318	12.76	2.4	FAF67	4	9.8	5023	146.49	1.44	F 107	4
127	282	11.31	2.7	F 67	4	11	4456	129.97	1.62	FF 107	4
149	241	9.66	3.2	FF 67	4						
150	240	9.61	2.1			12	4044	117.94	1.79	FA 107	4
158	227	9.11	2.4			14	3476	101.38	2.1	FAF107	4
181	199	7.97	2.9			16	3171	92.47	2.3	F 107	4
201	179	7.18	3.3			16	3034	88.49	2.4	FF 107	4
229	157	6.30	3.6			17	2880	83.99	2.5		
259	139	5.56	4.0								
292	123	4.93	4.3			11	4393	128.12	0.92		
342	105	4.21	4.5			13	3895	113.61	1.04		
						14	3522	102.72	1.15		
68	528	21.17	1.07			15	3336	97.31	1.21		
75	477	19.11	1.18			16	3112	90.77	1.30	FA 97	4
86	419	16.81	1.35			17	2985	87.06	1.35	FAF97	4
91	396	15.88	1.42	FA 57	4	18	2782	81.13	1.45	F 97	4
107	337	13.52	1.67	FAF57	4	19	2620	76.40	1.54	FF 97	4
117	306	12.29	1.84	F 57	4	21	2504	73.03	1.68		
135	265	10.64	2.1	FF 57	4	22	2268	66.14	1.78		
155	232	9.31	1.70			25	2011	58.65	2.0		
176	204	8.19	1.93			27	1818	53.03	2.2		
186	193	7.73	2.0								
219	164	6.58	2.4			16	3018	88.01	0.93	FA 87	4
241	149	5.98	2.6			19	2619	76.39	1.08	FAF 87	4
278	129	5.18	3.0			21	2345	68.40	1.20	F 87	4
						25	1946	56.75	1.45	FF 87	4

Output speed r/min	Output torque Nm	Ratio i	Service factor f <sub>B</sub>	Type Type	Pole P	Output speed r/min	Output torque Nm	Ratio i	Service factor f <sub>B</sub>	Type Type	Pole P
<b>5.5kW</b>						<b>7.5kW</b>					
29	1724	50.29	1.64			8.4	8023	85.80	2.1	FA 157	8
32	1550	45.22	1.82			9.2	7337	78.46	2.3	FAF 157	8
37	1346	39.25	2.1	FA 87	4	10.5	6385	68.28	2.7	F 157	8
41	1205	35.14	2.3	FAF 87	4	12	5634	60.25	3.0	FF 157	8
49	1000	29.16	2.8	F 87	4	13.8	4885	52.24	3.5		
42	1170	34.11	2.1	FF 87	4	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			3.6	18709	266.76	0.90		
						4.4	15317	218.40	1.11		
30	1654	48.24	0.85			5.4	12425	177.17	1.36		
33	1490	43.46	0.95			5.8	11525	164.33	1.47		
38	1307	38.12	1.08			6.8	9945	141.80	1.70	FA 157	6
43	1153	33.64	1.22			7.7	8776	125.14	1.93	FAF 157	6
48	1022	29.82	1.38	FA 77	4	8.8	7609	108.49	2.2	F 157	6
57	873	25.47	1.61	FAF 77	4	9.9	6770	96.53	2.5	FF 157	6
56	874	25.50	1.61	F 77	4	11	6095	86.90	2.8		
67	735	21.43	1.92	FF 77	4	12	5573	79.47	3.0		
73	675	19.70	2.1			14	4850	69.15	3.5		
82	600	17.49	2.4			16	4280	61.02	4.0		
92	536	15.64	2.6			18	3711	52.91	4.6		
102	482	14.06	2.9								
118	418	12.20	3.4			5.7	11816	126.36	0.95	FA 127	8
						6.2	10776	115.24	1.05	FAF127	8
65	756	22.05	1.02			7.2	9326	99.73	1.21	F 127	8
69	717	20.9	1.08			8.2	8229	88.00	1.37	FF 127	8
79	627	18.29	1.23								
87	565	16.48	1.36			5.6	12086	172.33	0.93	FA 127	6
100	496	14.46	1.55			6.2	10857	154.81	1.04	FAF127	6
113	438	12.76	1.76	FA 67	4	7.6	8816	125.71	1.28	F 127	6
127	388	11.31	2.0	FAF67	4	8.3	8135	116.00	1.39	FF 127	6
149	331	9.66	2.3	F 67	4						
150	329	9.61	1.5	FF 67	4	8.5	7947	172.33	1.42	FA 127	4
158	312	9.11	1.7			9.4	7139	154.81	1.58	F 127	4
181	273	7.97	2.1			12	5797	125.71	1.95	FF 127	4
201	246	7.18	2.4								
229	216	6.30	2.7			8.2	8238	178.64	0.88		
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	FA 107	4
						12	5439	117.94	1.33	FAF107	4
86	576	16.81	0.98			14	4675	101.38	1.54	F 107	4
91	544	15.88	1.04			16	4264	92.47	1.69	FF 107	4
107	464	13.52	1.22			16	4081	88.49	1.77		
117	421	12.29	1.34	FA 57	4	17	3873	83.99	1.86		
135	365	10.64	1.55	FAF 57	4	20	3436	74.52	2.1		
176	281	8.19	1.41	F 57	4	22	3118	67.62	2.3		
186	265	7.73	1.49	FF 57	4						
219	226	6.58	1.75			15	4487	97.31	0.90		
241	205	5.98	1.93			16	4186	90.77	0.97		
278	178	5.18	2.2			17	4015	87.06	1.01		
						18	3741	81.13	1.08		
						19	3523	76.40	1.15		
						21	3229	70.03	1.25	FA 97	4
						22	3				

## ЦИЛИНДРИЧЕСКИЕ РЕДУКТОРЫ С ПАРАЛЛЕЛЬНЫМ ВАЛОМ СЕРИИ F

Output speed r/min	Output torque Nm	Ratio i	Service factor f <sub>B</sub>	Type	Pole P	Output speed r/min	Output torque Nm	Ratio i	Service factor f <sub>B</sub>	Type	Pole P
<b>7.5kW</b>						<b>11kW</b>					
26	2617	56.75	1.08			15	6529	96.53	2.6	FA 157	4
29	2319	50.29	1.19			17	5877	86.90	2.9	FAF157	4
32	2085	45.22	1.27			18	5375	79.47	3.1	F 157	4
37	1810	39.25	1.41			21	4677	69.15	3.6	FF 157	4
42	1620	35.14	1.51			7.7	12864	125.71	0.88	FA 167	6
50	1345	29.16	1.75	FA 87	4	8.4	11732	116.00	0.96	FAF167	6
51	1327	28.41	1.74	FAF87	4	10	10153	99.73	1.11	F 167	6
55	1222	26.50	2.3	F 87	4	11	8958	88.00	1.26	FF 167	6
62	1092	23.68	2.6	FF 87	4	13	7737	76.00	1.46		
68	983	21.32	2.9			8.5	11656	172.33	0.97		
76	890	19.31	3.2			9.4	10471	154.81	1.08	FA 127	4
85	789	17.12	3.6			12	8502	125.71	1.33	FAF127	4
94	714	15.48	4.0			13	7846	116.00	1.44	F 127	4
43	1551	33.64	0.91			15	6745	99.73	1.67	FF 127	4
49	1375	29.82	1.03			17	5952	88.00	1.90		
57	1175	25.47	1.16			19	5140	76.00	2.2		
57	1176	25.50	1.20			12	7977	117.94	0.91		
68	988	21.43	1.43			14	6857	101.38	1.05		
74	908	19.70	1.55			16	6254	92.47	1.15		
83	807	17.49	1.75			17	5681	83.99	1.27	FA 107	4
93	721	15.64	1.95	FA 77	4	20	5040	74.52	1.43	FAF107	4
104	648	14.06	2.2	FAF77	4	22	4573	67.62	1.58	F 107	4
120	563	12.20	2.5	F 77	4	25	3931	58.12	1.84	FF 107	4
134	504	10.93	2.8	FF 77	4	29	3431	50.73	2.1		
156	431	9.35	2.4			34	2910	43.03	2.5		
176	383	8.30	2.7			43	2285	33.78	3.2		
197	342	7.42	3.0			53	1855	27.43	3.9		
219	308	6.67	3.3			58	1712	25.31	4.2		
252	267	5.79	3.8			22	4473	66.14	0.90		
281	239	5.19	4.2			25	3967	58.65	1.02		
340	198	4.30	4.8			28	3587	53.03	1.13		
<b>11kW</b>						<b>15kW</b>					
4.9	19275	301	0.88			6.3	20172	231	0.84	FA 157RF97	4
5.4	17418	272	0.97	FA 157RF97	4	7.2	17639	202	0.96	FAF157RF97	4
6.3	14793	231	1.14	FAF157RF97	4	7.4	17115	196	0.99	F 157RF97	4
7.2	12936	202	1.31	F 157RF97	4	6.8	19685	141.80	0.86		
7.4	12551	196	1.35	FF 157RF97	4	7.8	17372	125.14	0.97	FA 157	6
6.5	14472	226	0.78	FA 127RF87	4	8.9	15061	108.49	1.12	FAF157	6
7.3	12807	200	0.88	FAF127RF87	4	10	13400	96.53	1.26	F 157	6
8.7	10758	168	1.05	F 127RF87	4	11	12063	86.90	1.40	FF 157	6
				FF 127RF87	4	6.7	20143	218.40	0.84		
5.1	19181	141.80	0.88	FA 157	8	8.2	16340	177.17	1.04		
5.8	16928	125.14	1.00	FAF157	8	8.9	15156	164.33	1.12		
6.7	14675	108.49	1.15	F 157	8	10	13078	141.80	1.29	FA 157	4
7.6	13058	96.53	1.30	FF 157	8	12	11542	125.14	1.47	FAF157	4
5.5	18036	177.17	0.94			13	10006	108.49	1.69	F 157	4
5.9	16729	164.33	1.01			15	8903	96.53	1.90	FF 157	4
6.8	14435	141.80	1.17	FA 157	6	17	8015	86.90	2.1		
7.8	12739	125.14	1.33	FAF157	6	18	7329	79.47	2.3		
8.9	11044	108.49	1.53	F 157	6	21	6378	69.15	2.7		
10	9827	96.53	1.72	FF 157	6	24	5628	61.02	3.0		
11	8847	86.90	1.91			9.7	13844	99.73	0.81	FA 127	6
12	8090	79.47	2.1			11	12216	88.00	0.92	FAF127	6
5.5	18042	266.76	0.94			13	10550	76.00	1.07	F 127	6
6.7	14776	218.46	1.15	FA 157	4	14	9803	70.62	1.15	FF 127	6
8.2	12053	177.17	1.40	FAF157	4	15	8941	64.41	1.26		
8.9	11114	164.33	1.52	F 157	4	12	11594	125.71	0.97		
10	9591	141.80	1.76	FF 157	4	13	10699	116.00	1.05	FA 127	4
12	8464	125.14	2.0			15	9198	99.73	1.23	FAF127	4
13	7338	108.49	2.3			17	8116	88.00	1.39	F 127	4
						19	7009	76.00	1.61	FF 127	4
						21	6513	70.62	1.73		
						16	8528	92.47	0.85		
						16	8161	88.49	0.88		
						17	7746	83.99	0.93		
						20	6873	74.52	1.05		
						22	6237	67.62	1.16		
						25	5360	58.12	1.35	FA 107	4
						29	4679	50.73	1.54	FAF107	4
						34	3969	43.03	1.82	F 107	4
						39	3469	37.61	2.1	FF 107	4
						46	2933	31.80	2.5		
						43	3116	33.78	2.3		
						53	3530	27.43	2.8		
						58	2334	25.31	3.1		
						67	2007	21.76	3.6		
						32	4145	44.94	0.98		
						37	3621	39.26	1.12		
						44	3028	32.83	1.33	FA 97	4
						43	3160	34.26	1.28	FAF97	4
						48	2831	30.70	1.43	F 97	4
						53	2557	27.72	1.58	FF 97	4
						58	2322	25.18	1.74		
						65	2060	22.34	1.96		
						72	1869	20.27	2.2		
						84	1607	17.42	2.5		
						96	1403	15.21	2.9		
						113	1190	12.90	3.4		
						129	1040	11.28	3.9		

Output speed r/min	Output torque Nm	Ratio i	Service factor f <sub>B</sub>	Type	Pole P	Output speed r/min	Output torque Nm	Ratio i	Service factor f <sub>B</sub>	Type	Pole P
<b>15kW</b>						<b>15kW</b>					
6.3	20172	231	0.84	FA 157RF97	4	55	2444	26.50	1.15		
7.2	17639	202	0.96	FAF157RF97	4	62	2184	23.68	1.29		
7.4	17115	196	0.99	F 157RF97	4	68	1966	21.32	1.43		
6.8	19685	141.80	0.86			76	1781	19.31	1.58		
7.8	17372	125.14	0.97	FA 157	6	85	1579	17.12	1.79		
8.9	15061	108.49	1.12	FAF157	6	94	1428	15.48	1.98		
10	13400	96.53	1.26	F 157	6	111	1210	13.12	2.3	FA 87	4
11	12063	86.90	1.40	FF 157	6	127	1057	11.46	2.7	FAF87	4
6.7	20143	218.40	0.84			152	884	9.58	3.1	F 87	4
8.2	16340	177.17	1.04			173	780	8.46	1.84	FF 87	4
8.9	15156	164.33	1.12			195	692	7.50	2.1		
10	13078	141.80	1.29	FA 157	4	215	625	6.78	2.3		
12	11542	125.14	1.47	FAF157	4	254	530	5.75	2.8		
13	10006	108.49	1.69	F 157	4	291	463	5.02	3.1		
15	8903	96.53	1.90	FF 157	4	348	387	4.20	3.5		
17	8015	86.90	2.1			<b>18.5kW</b>					
18	7329	79.47	2.3			7.3	21607	202	0.78	FA 157RF97	4
21	6378	69.15	2.7			7.5	20965	196	0.81	FAF157RF97	4
24	5628	61.02	3.0							F 157RF97	4
9.7	13844	99.73	0.81	FA 127	6					FF 157RF97	4
11	12216	88.00	0.92	FAF127	6	8.3	20016	177.17	0.85		
13	10550	76.00	1.07	F 127	6	8.9	18565	164.33	0.91		
14	9803	70.62	1.15	FF 127	6	10	16020	141.80	1.06		
15	8941	64.41	1.26			12	14138	125.14	1.20	FA 157	4
12	11594	125.71	0.97			14	12257	108.49	1.38	FAF157	4
13	10699	116.00	1.05	FA 127	4	15	10906	96.53	1.55	F 157	4
15	9198	99.73	1.23	FAF127	4	17	9818	86.90	1.72	FF 157	4
17	8116	88.00	1.39	F 127	4	18	8978	79.47	1.88		
19	7009	76.00	1.61	FF 127	4	21	7812	69.15	2.2		
21	6513	70.62	1.73			24	6894	61.02	2.5		
16	8528	92.47	0.85			28	5978	52.91	2.8		
16	8161	88.49	0.88			13	13105	116.00	0.86		
17	7746	83.99	0.93			15	11267	99.73	1.00		
20	6873	74.52	1.05			17	9942				

## ЦИЛИНДРИЧЕСКИЕ РЕДУКТОРЫ С ПАРАЛЛЕЛЬНЫМ ВАЛОМ СЕРИИ F

Output speed r/min	Output torque Nm	Ratio i	Service factor f <sub>B</sub>	Type	Pole P	Output speed r/min	Output torque Nm	Ratio i	Service factor f <sub>B</sub>	Type	Pole P
<b>18.5kW</b>						<b>22kW</b>					
69	2409	21.32	1.17			112	1763	13.12	1.60		
76	2182	19.31	1.29			128	1540	11.46	1.83		
86	1934	17.12	1.46			153	1287	9.58	2.1		
95	1749	15.48	1.61			174	1137	8.46	1.27	FA 87	4
112	1482	13.12	1.90	FA 87	4	196	1008	7.50	1.43	FAF 87	4
128	1295	11.46	2.2	FAF 87	4	217	911	6.78	1.58	F 87	4
153	1082	9.58	2.5	F 87	4	256	773	5.75	1.86	FF 87	4
174	956	8.46	1.50	FF 87	4	293	674	5.02	2.1		
196	847	7.50	1.70			350	564	4.20	2.4		
217	766	6.78	1.88			<b>30kW</b>					
256	650	5.75	2.2			14	19876	108.49	0.85		
293	567	5.02	2.5			15	17685	96.53	0.96		
350	474	4.20	2.9			17	15920	86.90	1.06	FA 157	4
<b>22kW</b>						18	14559	79.47	1.16	FAF 157	4
10	19654	96.53	0.86	FA 157	6	21	12669	69.15	1.34	F 157	4
11	17693	86.90	0.96	FAF 157	6	24	11179	61.02	1.51	FF 157	4
12	16180	79.47	1.05	F 157	6	28	9693	52.91	1.75		
14	14079	69.15	1.20	FF 157	6	31	8623	47.07	2.0		
<b>30kW</b>						36	7433	40.57	2.3		
10	19051	141.80	0.89			19	13924	76.00	0.81		
12	16813	125.14	1.01			21	12938	70.62	0.87		
14	14576	108.49	1.16			23	11800	64.41	0.96		
15	12969	96.53	1.30	FA 157	4	26	10212	55.74	1.10		
17	11675	86.90	1.45	FAF 157	4	30	9012	49.19	1.25	FA 127	4
18	10677	79.47	1.58	F 157	4	35	7783	42.48	1.45	FAF 127	4
21	9290	69.15	1.82	FF 157	4	39	6883	37.57	1.64	F 127	4
24	8198	61.02	2.1			47	5786	31.58	1.95	FF 127	4
28	7108	52.91	2.4			58	4672	25.50	2.4		
31	6324	47.07	2.7			54	4961	26.92	1.6		
36	5451	40.57	3.1			59	4536	24.97	1.8		
45	4430	32.97	3.8			68	3948	21.55	2.9		
<b>45kW</b>						77	3483	19.01	3.2		
15	13399	99.73	0.84			34	7883	43.03	0.92		
17	11823	88.00	0.95			39	6890	37.61	1.05		
19	10211	76.00	1.10	FA 127	4	46	5826	31.80	1.24		
21	9488	70.62	1.19	FAF 127	4	54	5025	27.43	1.44	FA 107	4
23	8653	64.41	1.30	F 127	4	58	4637	25.31	1.56	FAF 107	4
26	7489	55.74	1.51	FF 127	4	68	3987	21.76	1.81	F 107	4
30	6609	49.19	1.71			77	3518	19.20	2.1	FF 107	4
35	5707	42.48	1.98			89	3038	16.58	2.4		
<b>55kW</b>						100	2688	14.67	2.7		
25	7808	58.12	0.92			119	2259	12.33	2.9		
29	6816	50.73	1.06			148	1825	9.96	3.3		
34	5781	43.03	1.25			66	4093	22.34	0.99		
39	5053	37.61	1.43	FA 107	4	73	3714	20.27	1.09		
46	4272	31.08	1.69	FAF 107	4	84	3191	17.42	1.27		
44	4540	33.78	1.59	F 107	4	97	2787	15.21	1.45		
54	3685	27.43	1.96	FF 107	4	114	2363	12.90	1.71	FA 97	4
58	3400	25.31	2.1			130	2067	11.28	1.86	FAF 97	4
68	2923	21.76	2.5			159	1698	9.27	1.31	F 97	4
77	2580	19.20	2.8			175	1541	8.41	1.44	FF 97	4
<b>75kW</b>						203	1325	7.23	1.67		
53	3724	27.72	1.09			233	1156	6.31	1.83		
58	3383	25.18	1.19			275	980	5.35	2.1		
66	3001	22.34	1.35	FA 97	4	314	857	4.68	2.2		
73	2723	20.27	1.48	FAF 97	4	<b>45kW</b>					
84	2340	17.42	1.73	F 97	4	21	18874	69.15	0.90		
97	2043	15.21	2.0	FF 97	4	24	16655	61.02	1.02	FA 157	4
114	1733	12.90	2.3			28	14442	52.91	1.17	FAF 157	4
130	1515	11.28	2.7			31	12848	47.07	1.32	F 157	4
<b>90kW</b>						36	11074	40.57	1.53	FF 157	4
69	2864	21.32	0.98	FA 87	4	45	8999	32.97	1.88		
76	2594	19.31	1.09	FAF 87	4	53	7632	27.96	2.2		
86	2300	17.12	1.23	F 87	4	<b>55kW</b>					
95	2080	15.48	1.36	FF 87	4	30	13426	49.19	0.84		
<b>110kW</b>						35	11595	42.48	0.97		
<b>130kW</b>						39	10255	37.57	1.10		
<b>150kW</b>						47	8620	31.58	1.31		
<b>180kW</b>						58	6960	25.50	1.62		
<b>220kW</b>						55	7391	26.92	1.08		
<b>270kW</b>						60	6758	24.97	1.18		
<b>330kW</b>						69	5882	21.55	1.92	FA 127	4
<b>400kW</b>						78	5189	19.01	2.0	FAF 127	4
<b>480kW</b>						90	4498	16.48	2.3	F 127	4
<b>580kW</b>						101	4004	14.67	2.6	FF 127	4
<b>700kW</b>						117	3450	12.64	2.7		
<b>850kW</b>						144	2803	10.27	3.2		
<b>1000kW</b>						169	2391	8.76	2.8		
<b>1200kW</b>						190	2126	7.79	2.7		
<b>1500kW</b>						220	1834	6.72	3.6		
<b>1800kW</b>						271	1490	5.46	3.8		

Output speed r/min	Output torque Nm	Ratio i	Service factor f <sub>B</sub>	Type	Pole P	Output speed r/min	Output torque Nm	Ratio i	Service factor f <sub>B</sub>	Type	Pole P
<b>37kW</b>						<b>45kW</b>					
17	19503	86.90	0.87			54	7525	27.57	0.98		
19	17835	79.47	0.95			59	6862	25.14	1.07		
21	15519	69.15	1.09	FA 157	4	68	5939	21.76	1.24		
24	13694	61.02	1.24	FAF 157	4	77	5241	19.2	1.41		
28	11874	52.91	1.42	F 157	4	89	4525	16.58	1.63	FA 107	4
31	10564	47.07	1.60	FF 157	4	101	4004	14.67	1.80	FAF 107	4
36	9105	40.57	1.86			120	3365	12.33	2.0	F 107	4
45	7399	32.97	2.3			149	2719	9.96	2.2	FF 107	4
53	6275	27.96	2.7			153	2634	9.65	1.8		
<b>45kW</b>						177	2276	8.34	2.0		
27	12509	55.74	0.90			201	2012	7.37	2.1		
15	22261	49.19	0.51			239	1692	6.20	2.6		
35	9534	42.48	1.18			<b>55kW</b>					
39	8432	37.57	1.34			24	20357	61.02	0.83		
47	7087	31.58	1.59			28	17651	52.91	0.96		
58	5723	25.50	1.97			31	15703	47.07	1.08		
55	6077	26.92	1.31	FA 127	4	36	13534	40.57	1.25	FA 157	4
60	5557	24.97	1.44	FAF 127	4	45	10999	32.97	1.54	FAF 157	4
69	4836	21.55	2.3	F 127	4	53	9328	27.96	1.81	F 157	4
78	4266	19.01	2.4	FF 127	4	58	8484	25.43	1.66	FF 157	4
90	3699	16.48	2.8			67	7393	22.16	2.3		
101	3292	14.67	3.1			75	6595	19.77	2.4		
117	2837	12.64	3.3			88	5621	16.85	3.0		
144	2305	10.27	3.9			<b>75kW</b>					
169	1966	8.76	3.3			39	12534	37.57	0.90		
190	1748	7.79	3.2			47	10535	31.58	1.07		
<b>55kW</b>						58	8507	25.5	1.33		
54	6156	27.43	1.20			69	7189	21.55	1.57		
58	5680	25.31	1.30			78	6342	19.01	1.63		
68	4883	21.76	1.51			90	5498	16.48	1.88	FA 127	4
77	4309	19.20	1.7			101	4894	14.67	2.1	FAF 127	4
89	3721	16.58	2.0	FA 107	4	117	4217	12.64	2.2	F 127	4
101	3292	14.67	2.2	FAF 107	4	144	3426	10.27	2.6	FF 127	4
120	2767	12.33	2.4	F 107	4	169	2922	8.76	2.3		
149	2235	9.96	2.7	FF 107	4	190	2599	7.79	2.2		
153	2166	9.65	2.1			220	2242	6.72	2.9		
177	1872	8.34	2.4			271	1821	5.46	3.1		
201	1654	7.37	2.6			320	1545	4.63	3.7		
239	1391	6.20	3.1			<b>90kW</b>					
<b>75kW</b>						31	21413	47.07	0.79		
21	18874	69.15	0.90			36	18456	40.57	0.92		
24	16655	61.02	1.02	FA 157	4	45	14999	32.97	1.13		
28	14442	52.91	1.17	FAF 157	4	53	12719	27.96	1.33	FA 157	4
31	12848	47.07	1.32	F 157	4	58	11569	25.43	1.22	FAF 157	4
36	11074	40.57	1.53	FF 157	4	67	10081	22.16	1.68	F 157	4
45	8999	32.97	1.88			75	8994	1			

## ЦИЛИНДРИЧЕСКИЕ РЕДУКТОРЫ С ПАРАЛЛЕЛЬНЫМ ВАЛОМ СЕРИИ F

Output speed r/min	Output torque Nm	Ratio i	Service factor f <sub>B</sub>	Type	Pole P	Output speed r/min	Output torque Nm	Ratio i	Service factor f <sub>B</sub>	Type	Pole P
<b>90kW</b>											
45	17998	32.97	0.94								
53	15263	27.96	1.11								
58	13882	25.43	1.02	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								
<b>110kW</b>											
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	1.36	FAF 127	4						
144	5606	10.27	1.59	F 127	4						
169	4782	8.76	1.38	FF 127	4						
190	4253	7.79	1.33								
220	3668	6.72	1.79								
271	2981	5.46	1.89								
320	2528	4.63	2.2								
<b>132kW</b>											
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								
<b>160kW</b>											
88	16243	16.85	1.04	FA 157	4						
107	13457	13.96	1.19	FAF 157	4						
125	11491	11.92	1.31	F 157	4						
<b>200kW</b>											
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						

Permissible torque Nm	Output speed r/min	Ratio i	Type	Power KW/4p	Permissible torque Nm	Output speed r/min	Ratio i	Type	Power KW/4p
200	5.3	262		0.18	1500	2.3	600		0.55
	6.1	229	FA 37RF17			2.6	525	FA 77RF37	
	7.0	200	FA F37RF17			3.0	469	FA F77RF37	
	8.2	170	F 37RF17			3.4	412	F 77RF37	
	9.1	153	FF 37RF17	3.9		357	FF 77RF37		
	10	133		4.4		314			
400	2.5	563		0.18	3000	0.33	4245		0.18
	2.9	477				0.37	3721		
	3.1	445				0.43	3244		0.18
	3.6	389				0.48	2881		
	4.0	346		0.54		2575		0.25	
	4.6	304	FA 47RF17	0.63		2199			
	4.7	293	FA F47RF17	0.72		1930			
	6.0	230	F 47RF17	0.81		1709	FA 87RF57		
	6.4	216	FF 47RF17	0.93		1493	FA F87RF57	0.37	
	7.4	188		1.1		1300	F 87RF57		
7.9	176		1.2	1148	FF 87RF57	0.55			
9.4	148		1.4	1010					
11	130		1.6	887					
600	1.6	856		0.18	4300		1.8	780	
	1.9	749				2.1	674		
	2.1	658				2.3	609		1.1
	2.5	549		2.7		515			
	2.9	483		3.1		452			
	3.3	426	FA 57RF37	3.3		382		0.25	
	3.6	382	FA F57RF37	4.0		345			
	4.2	330	F 57RF37	0.21		6532			0.18
	4.7	298	FF 57RF37	0.24		5696			
	5.3	262		0.28		5032			
	6.2	226		0.32		4375			
	7.0	200		0.35		3946		0.25	
8.4	166		0.41	3401					
9.1	152		0.47	2949					
10	134		0.54	2590		0.37			
820	1.2	1126		0.64	2267				
	1.4	984		0.70	1989				
	1.6	864		0.80	1739	FA 97RF57	0.55		
	1.9	722		0.90	1542	FA F97RF57			
	2.2	633		1.0	1340	F 97RF57	0.75		
	2.6	527	FA 67RF37	1.2	1182	FA F67RF37			
	2.8	500	FA F67RF37	1.3	1032	F 67RF37			
	3.1	454	F 67RF37	1.5	907	FF 67RF37			
	3.5	392	FF 67RF37	1.8	796		1.1		
	4.2	333		2.0	700				
4.7	297		2.3	611		1.5			
5.3	261		2.6	534					
5.8	238		3.0	472					
7.0	200		3.5	410		2.2			
0.7	2024		3.9	367					
0.81	1728		4.9	288		3			
0.91	1543		5.7	247					
1.03	1354	FA 77RF37	0.18	7840	0.12	11347		0.18	
1.2	1196	FA F77RF37			0.14	10039			
1.3	1050	F 77RF37			0.16	8548	FA 107RF77		
1.5	907	FF 77RF37	0.18		7675	FA F107RF77			
1.7	810		0.21		6615	F 107RF77	0.25		
2.0	710		0.24		5820	FF 107RF77			
			0.27		5223				

The power are all overload in the table .The decided torque according to operating condition should not more than gear units' nominal torque.

# ЦИЛИНДРИЧЕСКИЕ РЕДУКТОРЫ С ПАРАЛЛЕЛЬНЫМ ВАЛОМ СЕРИИ F

Mamax					Mamax						
Permissible torque	Output speed	Ratio	Type	Power	Permissible torque	Output speed	Ratio	Type	Power		
Nm	r/min	i	Type	KW/4P	Nm	r/min	i	Type	KW/4P		
7840	0.30	4567		0.37	18000	0.04	31434		0.55		
	0.40	3442				0.05	26173				
	0.46	3037				0.06	23464				
	0.50	2756		0.07		20212					
	0.59	2369		0.08		17984					
	0.67	2068		0.08		16358					
	0.76	1826		0.10		13751					
	0.88	1597	FA	107RF77		0.11	12235				
	1.0	1401	FAF	107RF77		0.14	10033				
	1.1	1243	F	107RF77		0.16	9021				
	1.3	1087	FF	107RF77		0.17	8026				
	1.5	950		0.20		7065					
	1.7	834		0.22		6286					
	1.9	736		0.26		5404					
	2.3	627		0.29		4831					
2.5	560		0.34	4124							
2.9	489		0.39	3602							
3.3	427		0.44	3205							
4.0	362		0.50	2776	FA	157RF97	1.1				
4.3	333		1.00	1420	FAF	157RF97	2.2				
12000	0.08	16787		12000	0.57	2427	F	157RF97	1.5		
	0.09	14838			0.64	2185	FF	157RF97	1.5		
	0.11	13014			0.73	1944		0.75	1308		
	0.12	11748			0.85	1674		1.1	1308		
	0.14	10271			1.1	1308		1.2	1169		
	0.16	8901			1.5	953		1.7	845		
	0.18	7703			1.7	845		1.9	764		
	0.21	6768			1.9	764		2.1	680		
	0.23	5975			2.5	576		2.5	576		
	0.27	5076			2.9	503		2.9	503		
	0.31	4466			3.3	446		3.3	446		
	0.36	3868			4.9	301		4.9	301		
	0.41	3403	FA		127RF77	5.4	272		5.4	272	
	0.47	2987	FAF		127RF77	6.3	231		6.3	231	
	0.52	2693	F		127RF77	7.2	202		7.2	202	
	0.59	2376	FF		127RF77	4.9	196		4.9	196	
	0.68	2054			0.86	1619		1.0	1401		
	0.78	1798			1.2	1230		1.3	1085		
	0.86	1619			1.5	937		1.5	937		
	1.0	1401			1.7	827		1.9	733		
	1.2	1230			2.2	640		2.2	640		
1.3	1085		3	489		3	489				
1.5	937		4	371		4	371				
1.7	827		5.5	293		5.5	293				
1.9	733		3.0	483	FA	127RF87	5.5				
2.2	640		3.5	417	FAF	127RF87	5.5				
2.7	542		3.9	373	F	127RF87	7.5				
2.9	489		4.7	312	FF	127RF87	7.5				
3.4	423		5.0	293		7.3	200				
3.9	371										

The power are all overload in the table .The decided torque according to operating condition should not more than gear units' nominal torque.

**F37**  
Dimensions: 167.5, L3, 50, 112, 76, 95, 21.5, 77, 8, 25k6, 12, 252, 135, 115, 20, 31, 11, 8-M8.

**FA37**  
Dimensions: 117.5, L3, 6.5, 43.5, 31.5, 30, 25, 14, 158, 112, 76, 2.5, 77, 123.

**FAZ37**  
Dimensions: 110, 80j6, 9, 76, 11.5, 11, 5-M8, 78°, 50°, 77°, 94°.

**FF37**  
Dimensions: 191.5, L3, 50, 120, 112, 76, 160, 110h7, 25k6, 28, 4, 12, 4-φ9, 252, 165, φ730.

**FAF37**  
Dimensions: 141.5, L3, 22.5, 160, 110h7, 123, 76, 4, 12, φ160, φ110h7.

**F...37RF17**  
Dimensions: 175, L3, 115, 40, 40, 120, M5, 5, 18, φ16k6.

**F...S37**  
Dimensions: 115, 40, 40, 120, M5, 5, 18, φ16k6.

**FA37/FAF37/FAZ37 /Hollow shaft**  
Dimensions: 120, 120, 90, 30H7, φ45, 33.3, 8, M10 x 25.

**F..T37**  
Dimensions: 120, 90, 30H7, φ45, 33.3, 8.

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

Motor size /4P	63	71	80	90S	90L	100
Power/(KW)	0.18	0.25	0.37	0.55	0.75	1.1
L3	235	250	293	308	333	347
G	130	145	175	195	195	215
L2	85	85	127	127	127	132

Note:1.The above housings are common parts. The mounting dimensions may consult each other.2."F.."mean TF, TFA, TFF, TFAF, TFAZ  
3.Hollow shaft output with shrink disk, see P156-157for detail.

# ЦИЛИНДРИЧЕСКИЕ РЕДУКТОРЫ С ПАРАЛЛЕЛЬНЫМ ВАЛОМ СЕРИИ F

**F47** **FA47** **FAZ47** **FF47** **FAF47** **F...47RF17** **F...S47**

**FA47/FAF47/FAZ47 /Hollow shaft**

**F...47**

**FA57/FAF57/FAZ57 /Hollow shaft**

**F...T57**

**FA57** **FAZ57** **FF57** **FAF57** **F...57RF37** **F...S57**

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

Motor size	63	71	80	90S	90L	100
Power/(KW)	0.18	0.25 0.37	0.55 0.75	1.1	1.5	2.2 3
L3	235	250	293	308	333	347
G	130	145	175	195	195	215
L2	85	85	127	127	127	132

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

Motor size	63	71	80	90S	90L	100
Power/(KW)	0.18	0.25 0.37	0.55 0.75	1.1	1.5	2.2 3
L3	235	250	293	308	333	347
G	130	145	175	195	195	215
L2	85	85	127	127	127	132

Note:1.The above housings are common parts. The mounting dimensions may consult each other.2."F.."mean F, FA, FF, FAF, FAZ  
3.Hollow shaft output with shrink disk, see P156-157for detail.

**F57** **FA57** **FAZ57** **FF57** **FAF57** **F...57RF37** **F...S57**

**FA57/FAF57/FAZ57 /Hollow shaft**

**F...T57**

**FA57** **FAZ57** **FF57** **FAF57** **F...57RF37** **F...S57**

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

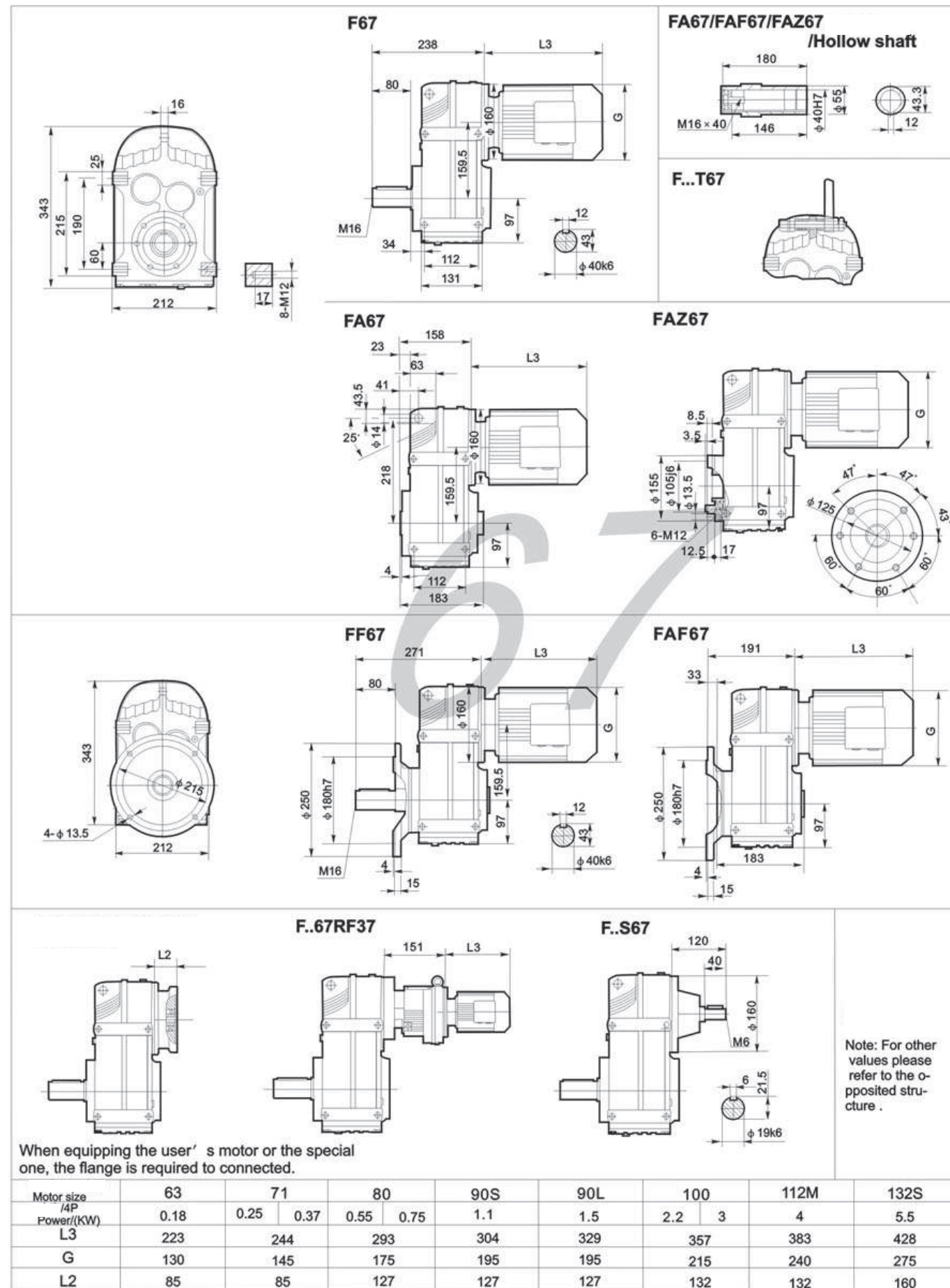
Motor size	63	71	80	90S	90L	100	112M	132S
Power/(KW)	0.18	0.25 0.37	0.55 0.75	1.1	1.5	2.2 3	4	5.5
L3	223	244	293	304	329	357	383	428
G	130	145	175	195	195	215	240	275
L2	85	85	127	127	127	132	132	160

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

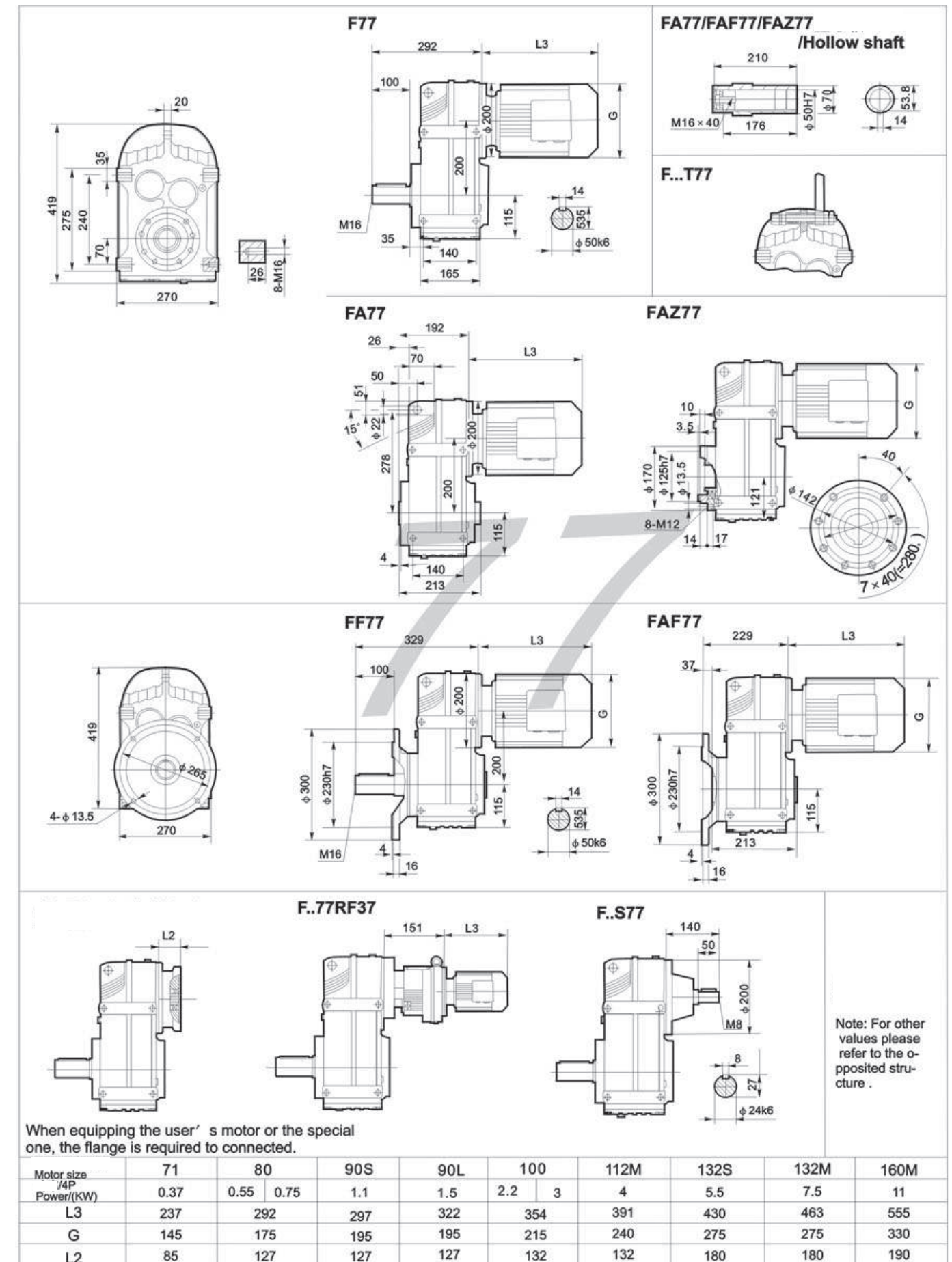
Motor size	63	71	80	90S	90L	100	112M	132S
Power/(KW)	0.18	0.25 0.37	0.55 0.75	1.1	1.5	2.2 3	4	5.5
L3	223	244	293	304	329	357	383	428
G	130	145	175	195	195	215	240	275
L2	85	85	127	127	127	132	132	160

Note:1.The above housings are common parts. The mounting dimensions may consult each other.2."F.."mean TF, FA, FF, FAF, FAZ  
3.Hollow shaft output with shrink disk, see P156-157for detail.

# ЦИЛИНДРИЧЕСКИЕ РЕДУКТОРЫ С ПАРАЛЛЕЛЬНЫМ ВАЛОМ СЕРИИ F

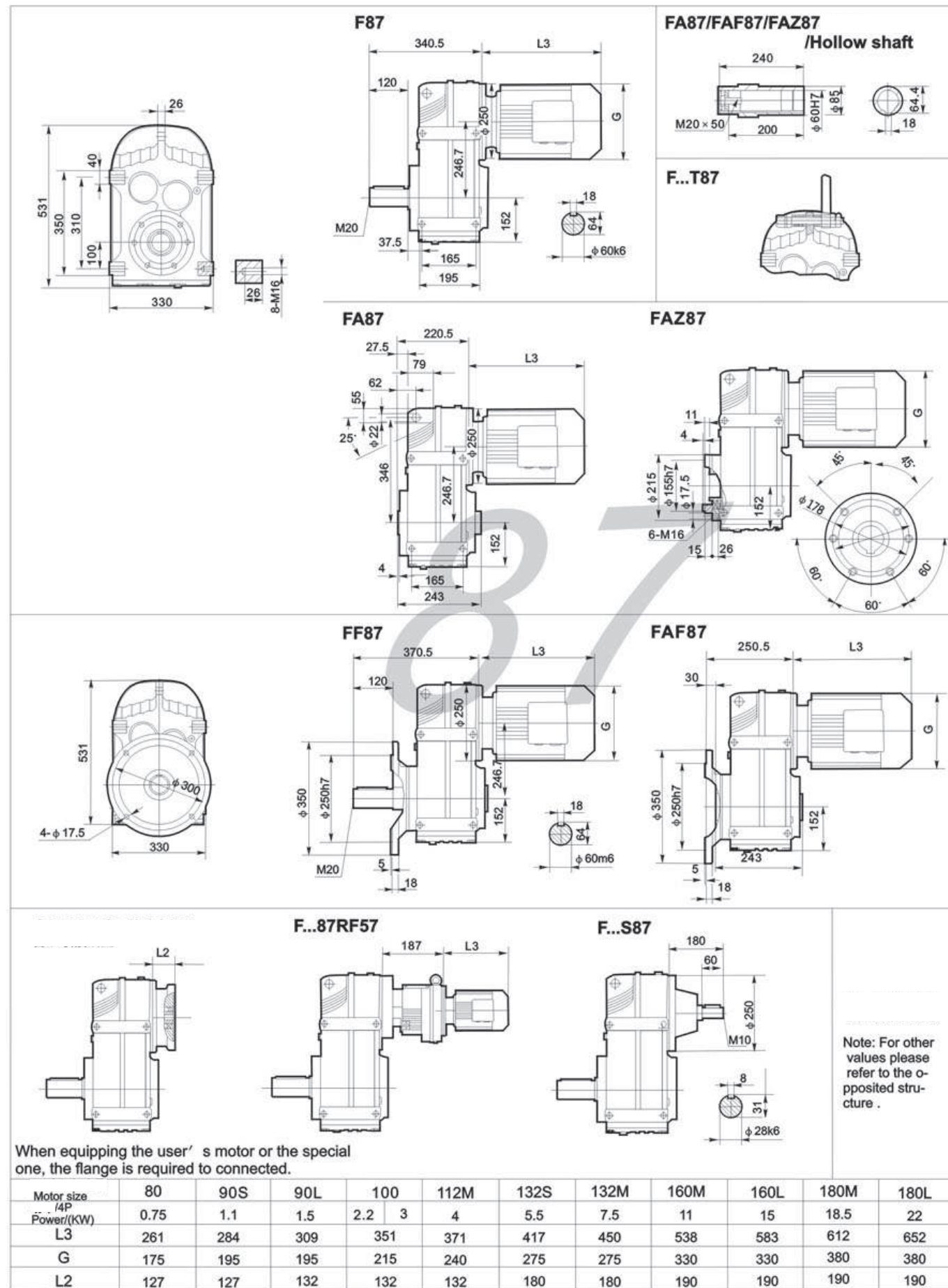


Note:1.The above housings are common parts. The mounting dimensions may consult each other.2."F.."mean F、FA、FF、FAF、FAZ  
3.Hollow shaft output with shrink disk, see P156-157for detail.

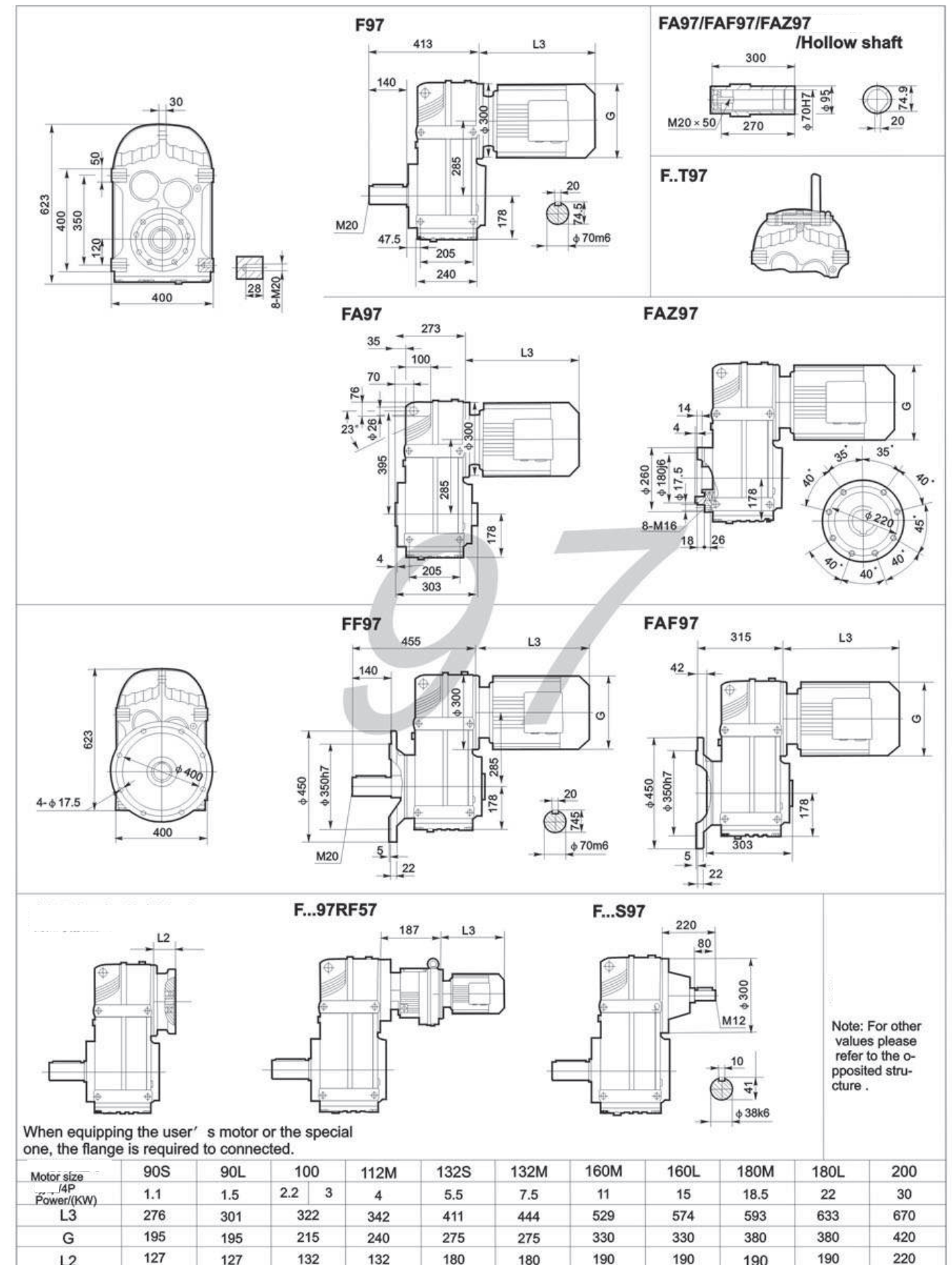


Note:1.The above housings are common parts. The mounting dimensions may consult each other.2."F.."mean F、FA、FF、FAF、FAZ  
3.Hollow shaft output with shrink disk, see P156-157for detail.

# ЦИЛИНДРИЧЕСКИЕ РЕДУКТОРЫ С ПАРАЛЛЕЛЬНЫМ ВАЛОМ СЕРИИ F



Note:1.The above housings are common parts. The mounting dimensions may consult each other.2."F..."mean F, FA, FF, TFAF, FAZ  
3.Hollow shaft output with shrink disk, see P156-157for detail.



Note:1.The above housings are common parts. The mounting dimensions may consult each other.2."F..."mean F, FA, FF, FAF, FAZ  
3.Hollow shaft output with shrink disk, see P156-157for detail.



