4.1 PRODUCT PICTURE

TF..MY..

TFF..MY..

TFA..B MY..
TFV..B MY..

TFH..B MY..

TFA..MY..
TFV..MY..

TFH..MY..

TFAF..MY..
TFVF..MY..

TFHF..MY..

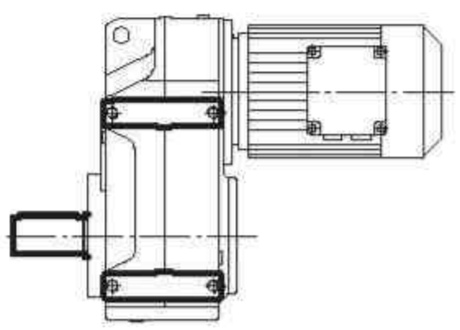
TFAZ..MY..
TFVZ..MY..

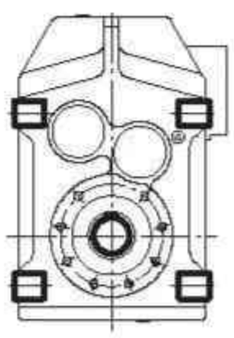
TFHZ..MY..

TF..AM(IEC)..

TF..AD..

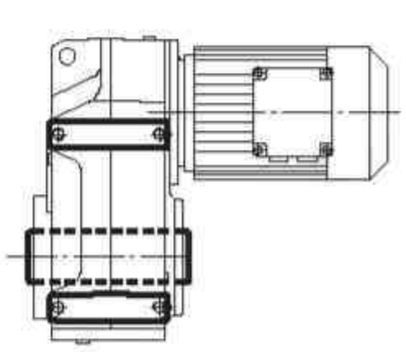
4.1.2 Designs

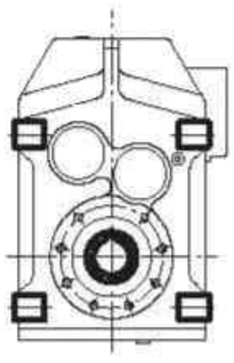




TF..MY..

Foot-mounted parallel shaft helical geared motor



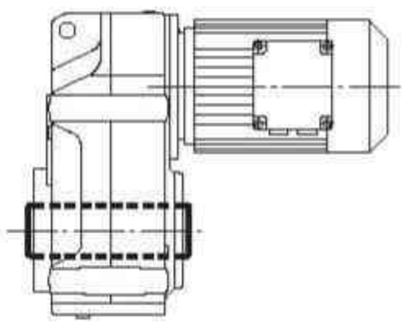


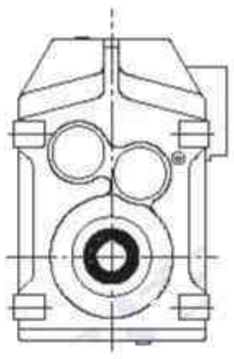
TFA..B MY..

Foot-mounted parallel shaft helical geared motor with hollow shaft

TFV..B MY..

Foot-mounted parallel shaft helical geared motor with splined hollow shaft to DIN 5480



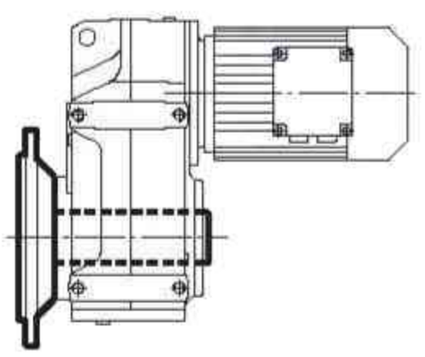


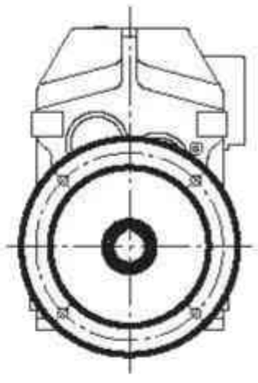
TFA..MY..

parallel shaft helical geared motor with hollow shaft

TFV..MY..

parallel shaft helical geared motor with splined hollow shaft to DIN 5480



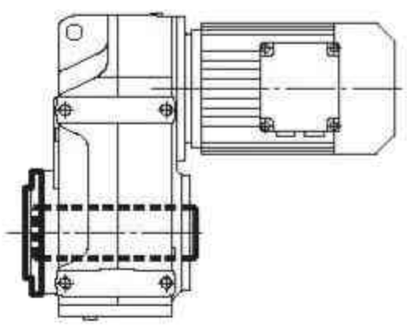


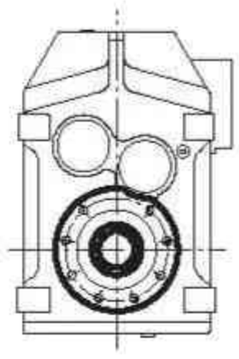
TFAF..MY..

parallel shaft helical geared motor in B5 flange-mounted version with hollow shaft

TFVF..MY..

parallel shaft helical geared motor in B5 flange-mounted version with splined hollow shaft to DIN 5480



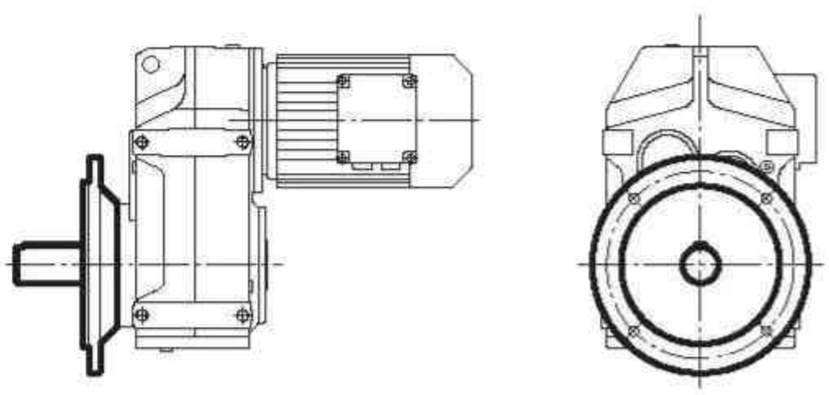


TFAZ..MY..

parallel shaft helical geared motor in B14 flange-mounted version with hollow shaft

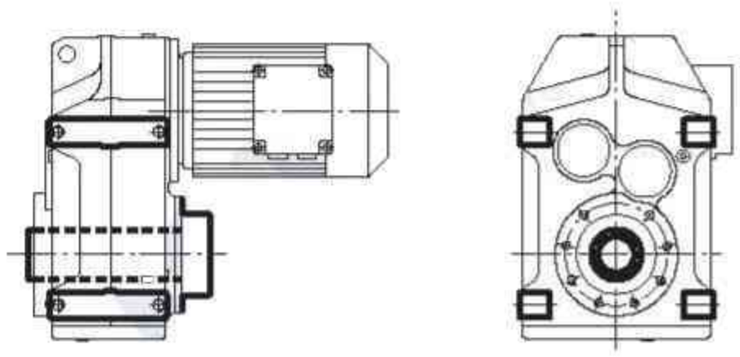
TFVZ..MY..

parallel shaft helical geared motor in B14 flange-mounted version with splined hollow shaft to DIN 5480



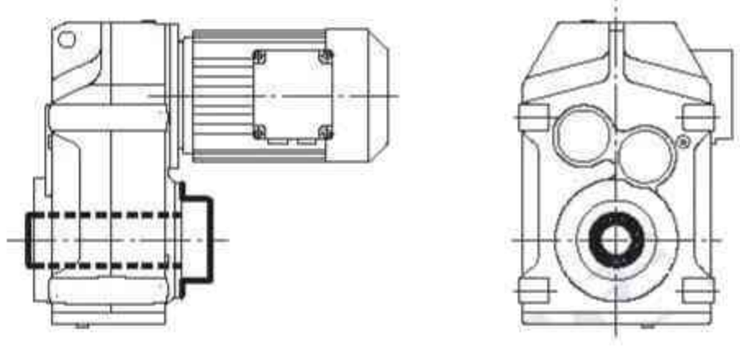
TFF..MY..

parallel shaft helical geared motor in B5 flange-mounted version



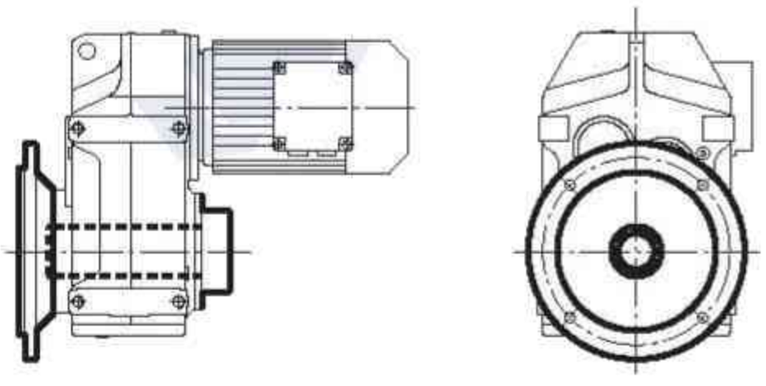
TFH..B MY..

Foot-mounted parallel shaft helical geared motor with hollow shaft and shrink disk



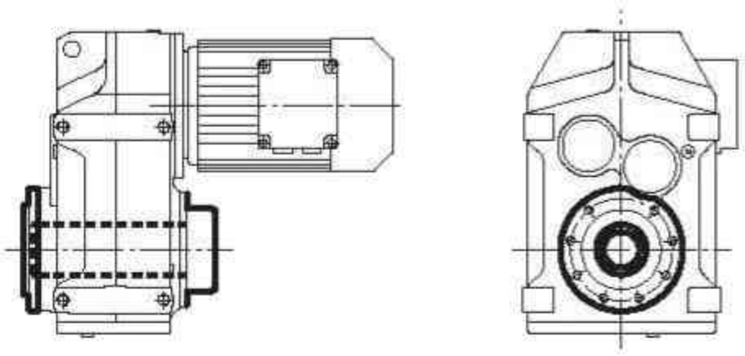
TFH..MY..

parallel shaft helical geared motor with hollow shaft and shrink disk



TFHF..MY..

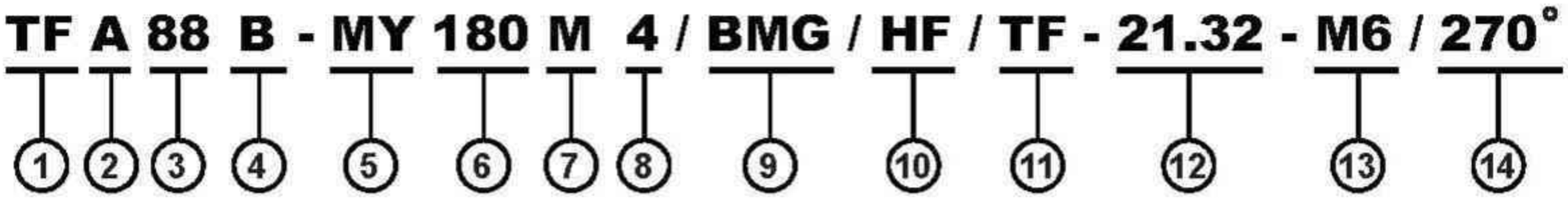
parallel shaft helical geared motor in B5 flange-mounted version with hollow shaft and shrink disk



TFHZ..MY..

parallel shaft helical geared motor in B14 flange-mouted with hollow shaft and shrink disk

4.2 MODEL ILLUMINATE



No		Comments
1		**TF:** code for gear units series
2		1). no code means foot-mounted 2). **A:** hollow shaft 3). **H:** hollow shaft with shrink disk 4). **V:** splined hollow shaft to DIN 5480 5). **F:** B5 flange-mounted 6). **Z:** B14 flange-mounted
3		specification code of gear units 28, 38, … …
4		1). **B:** foot-mounted 2). ***/G***:torque arm-mounted
5		1). **MY:** motor code 2). **AM: IEC** input couplings
6		specification code of motor (high in motor centre)
7		length code of stator core **D, K, L, M, ML, N, S**
8		pole number of motor 2, 4, 6, 8
9		1). no code means no brake 2). **BMG:** brake
10		1). no code means no manual release device 2). **HF:** manual release device with self-locking function 3). **HR:** manual release device with outself-locking function
11		1). no code means no motor heat-protection device 2). **TF:** motor heat- protection device
12		transmission ratio of gear units **i**
13		**M1**: mounting positio, default mounting position **M1** not to write out is ok
14		Position diagram for motor terminal box default position **0°(R)** not to write out is ok

Example: **TF48 - MY71D4 - 79.72**
TFF58 - AM80 - 127.27
TFAF68 - MY90L4 / BMG -32.08

4.3 GEAR UNIT SELECTION TABLES

4.3.1 Possible geometrical combinations

TF..28 n_1=1400 r/min **130Nm**

n_2 [r/min]	M_2max [Nm]	Fr_2 [N]	i	AM / MY63 AM / MY71	AM80 MY80	AM90 MY90
3Stage						
9.9	130	4500	140.74			
11	130	4500	129.09			
13	130	4500	109.90			
15	130	4500	94.76			
16	130	4500	88.32			
18	130	4500	77.21			
19	130	4500	72.37			
22	130	4400	63.86			
25	130	4190	56.62			
28	130	3980	50.19			
30	130	3860	46.78			
34	130	3640	40.89			
37	130	3530	38.33			
41	130	3340	33.83			
2Stage						
47	130	3150	29.56			
52	130	3030	27.18			
60	130	2820	23.25			
69	130	2630	20.15			
74	130	2550	18.84			
86	130	2370	16.28			
101	130	2180	13.84			
113	130	2060	12.35			
133	130	1900	10.55			
142	130	1830	9.88			
149	130	1660	9.40			
172	123	1590	8.13			
203	114	1530	6.91			
227	109	1480	6.17			
266	100	1440	5.27			
284	96	1420	4.93			
337	87	1380	4.16			

TF..28/TRF18 n_1=1400 r/min **130Nm**

n_2 [r/min]	M_2max [Nm]	Fr_2 [N]	i	MY63 MY71	MY80
3Stage / 3Stage					
0.16	130	4500	8972		
0.18	130	4500	7736		
0.19	130	4500	7211		
0.22	130	4500	6303		
0.26	130	4500	5435		
0.29	130	4500	4855		
0.33	130	4500	4243		
0.38	130	4500	3715		
0.43	130	4500	3247		

TF..28/TRF18 n_1=1400 r/min 130Nm

n_2 [r/min]	M_2max [Nm]	Fr_2 [N]	i	MY63 MY71	MY80
3Stage / 3Stage					
0.49	130	4500	2878		
0.56	130	4500	2515		
0.63	130	4500	2217		
2Stage / 3Stage					
0.74	130	4500	1898		
0.85	130	4500	1645		
0.92	130	4500	1525		
1.1	130	4500	1322		
1.2	130	4500	1146		
1.4	130	4500	1013		
1.6	130	4500	890		
1.8	130	4500	778		
2.1	130	4500	682		
2.3	130	4500	602		
2.7	130	4500	520		
3Stage / 2Stage					
0.72	130	4500	1948		
0.77	130	4500	1826		
0.87	130	4500	1610		
1.0	130	4500	1399		
1.1	130	4500	1230		
1.5	130	4500	948		
1.7	130	4500	829		
1.9	130	4500	731		
2.2	130	4500	633		
2.5	130	4500	551		
2.9	130	4500	489		
3.3	130	4500	427		
3.7	130	4500	379		
4.3	130	4500	326		
4.9	130	4500	288		
5.6	130	4500	251		
6.3	130	4500	221		
8.1	130	4500	172		
9.2	130	4500	153		
11	130	4500	130		
2Stage / 2Stage					
3.1	130	4500	458		
3.5	130	4500	397		
4.1	130	4500	342		
4.6	130	4500	302		
5.3	130	4500	266		
5.9	130	4500	236		
6.6	130	4500	211		
7.5	130	4500	186		
9.9	130	4500	142		
11	130	4500	124		
13	130	4500	109		
15	130	4500	96		

TF..38 n_1=1400 r/min 200Nm

n_2 [r/min]	M_2max [Nm]	Fr_2 [N]	i	AM / MY63 AM / MY71	AM80 MY80	AM90 MY90	MY100
3Stage							
11	200	4290	128.51				
12	200	4290	117.88				
14	200	4290	100.36				
16	200	4290	86.53				
17	200	4290	80.65				
20	200	4290	70.50				
21	200	4290	66.09				
24	200	4290	58.32				
26	200	4290	54.54				
27	200	4290	51.70				
30	200	4290	47.02				
32	200	4290	43.83				
37	200	4290	38.31				
39	200	4290	35.91				
44	200	4290	31.69				
50	200	4060	28.09				
59	200	3760	23.88				
2Stage							
59	200	3740	23.63				
68	200	3500	20.57				
73	200	3390	19.27				
82	200	3180	17.03				
89	200	3070	15.81				
98	200	2910	14.33				
109	200	2750	12.87				
126	190	2620	11.08				
134	185	2580	10.42				
156	175	2460	8.97				
175	170	2360	8.01				
188	145	2350	7.44				
208	140	2270	6.74				
231	135	2190	6.05				
269	125	2120	5.21				
286	120	2100	4.90				
332	110	2030	4.22				
371	105	1970	3.77				

TF..38/TRF18 n_1=1400 r/min 200Nm

n_2 [r/min]	M_2max [Nm]	Fr_2 [N]	i	MY63 MY71	MY80
3Stage / 3Stage					
0.17	200	4290	8193		
0.20	200	4290	7064		
0.21	200	4290	6585		
0.24	200	4290	5756		
0.28	200	4290	4963		
0.32	200	4290	4434		
0.36	200	4290	3875		
0.41	200	4290	3392		
0.47	200	4290	2965		

TF..38/TRF18 n_1=1400 r/min 200Nm

n_2 [r/min]	M_2max [Nm]	Fr_2 [N]	i	MY63 MY71	MY80
3Stage / 3Stage					
0.54	200	4290	2587		
0.61	200	4290	2284		
0.70	200	4290	1997		
0.80	200	4290	1742		
0.91	200	4290	1545		
2Stage / 3Stage					
0.73	200	4290	1929		
0.83	200	4290	1679		
0.90	200	4290	1550		
1.0	200	4290	1356		
1.2	200	4290	1180		
1.3	200	4290	1044		
1.5	200	4290	914		
1.7	200	4290	808		
2.0	200	4290	698		
2.3	200	4290	616		
2.6	200	4290	544		
3.0	200	4290	466		
3.4	200	4290	411		
3.8	200	4290	364		
3Stage / 2Stage					
1.0	200	4290	1370		
1.2	200	4290	1198		
1.3	200	4290	1047		
1.5	200	4290	915		
1.7	200	4290	807		
2.0	200	4290	707		
2.3	200	4290	617		
2.6	200	4290	538		
2.9	200	4290	477		
3.4	200	4290	412		
3.8	200	4290	365		
4.3	200	4290	322		
5.0	200	4290	278		
5.8	200	4290	242		
6.3	200	4290	221		
7.2	200	4290	195		
8.3	200	4290	168		
9.5	200	4290	147		
11	200	4290	127		
12	200	4290	121		
13	200	4290	108		
15	200	4290	91		
2Stage / 2Stage					
4.3	200	4290	326		
4.9	200	4290	285		
5.6	200	4290	250		
6.4	200	4290	219		
7.5	200	4290	186		
8.4	200	4290	167		
9.7	200	4290	145		

TF..38/TRF18

n_1=1400 r/min

200Nm

n_2 [r/min]	M_2max [Nm]	Fr_2 [N]	i	MY63 MY71	MY80
2Stage / 2Stage					
11	200	4290	129		
12	200	4290	118		
14	200	4290	98		
16	200	4290	87		

TF..48

n_1=1400 r/min

400Nm

n_2 [r/min]	M_2max [Nm]	Fr_2 [N]	i	AM / MY63 AM / MY71	AM80 MY80	AM90 MY90	MY100
3Stage							
7.3	400	5920	190.76				
8.0	400	5920	175.38				
9.3	400	5920	150.06				
11	400	5920	130.07				
12	400	5920	121.57				
13	400	5920	105.09				
16	400	5920	89.29				
18	400	5920	79.72				
21	400	5920	68.09				
21	400	5920	65.36				
25	400	5920	56.49				
29	400	5920	48.00 *				
33	400	5920	42.86				
38	400	5920	36.61				
41	400	5920	34.29				
48	400	5790	28.88				
2Stage							
45	400	5920	30.86				
48	400	5830	29.32				
54	400	5470	25.72				
64	400	5030	21.82				
71	400	4770	19.70				
81	400	4450	17.33				
86	400	4320	16.36				
101	400	3950	13.93				
111	400	3740	12.66				
128	400	3440	10.97				
156	330	3250	8.96				
178	380	2630	7.88				
188	380	2530	7.44 *				
221	350	2470	6.34				
243	340	2390	5.76				
281	320	2310	4.99				

TF..48/TRF18

n_1=1400 r/min

400Nm

n_2 [r/min]	M_2max [Nm]	Fr_2 [N]	i	MY63 MY71	MY80
3Stage / 3Stage					
0.11	400	5920	12251		
0.13	400	5920	10619		
0.14	400	5920	9846		
0.16	400	5920	8534		
0.19	400	5920	7460		
0.21	400	5920	6536		
0.24	400	5920	5746		
0.28	400	5920	5022		
0.32	400	5920	4401		
0.36	400	5920	3883		
0.41	400	5920	3443		
0.47	400	5920	2976		
0.53	400	5920	2629		
0.61	400	5920	2304		
0.69	400	5920	2033		
2Stage / 3Stage					
0.56	400	5920	2519		
0.58	400	5920	2394		
0.64	400	5920	2172		
0.69	400	5920	2025		
0.79	400	5920	1770		
0.89	400	5920	1576		
1.0	400	5920	1363		
1.2	400	5920	1192		
1.3	400	5920	1061		
1.5	400	5920	931		
1.7	400	5920	822		
2.0	400	5920	706		
2.3	400	5920	619		
3Stage / 2Stage					
0.78	400	5920	1785		
0.89	400	5920	1578		
1.0	400	5920	1364		
1.2	400	5920	1203		
1.3	400	5920	1049		
1.5	400	5920	918		
1.7	400	5920	809		
2.0	400	5920	700		
2.3	400	5920	622		
2.6	400	5920	543		
2.9	400	5920	475		
3.3	400	5920	419		
3.8	400	5920	370		
4.3	400	5920	324		
4.9	400	5920	288		
5.6	400	5920	249		
6.4	400	5920	218		
7.3	400	5920	193		
8.0	400	5920	175		
9.5	400	5920	147		
11	400	5920	130		

TF..48/TRF18 n_1=1400 r/min 400Nm

n_2 [r/min]	M_2max [Nm]	Fr_2 [N]	i	MY63 MY71	MY80
2Stage / 2Stage					
2.7	400	5920	524		
2.9	400	5920	489		
3.3	400	5920	427		
3.7	400	5920	381		
4.2	400	5920	334		
4.7	400	5920	295		
5.5	400	5920	253		
6.5	400	5920	217		
7.4	400	5920	190		
7.9	400	5920	178		
9.4	400	5920	149		
11	400	5920	131		

TF..58 n_1=1400 r/min 600Nm

n_2 [r/min]	M_2max [Nm]	Fr_2 [N]	i	AM / MY63 AM / MY71	AM80 MY80	AM90 MY90	AM100 MY100	AM112 MY112	AM/ MY132S AM/ MY132M
3Stage									
7.0	600	9200	199.70						
7.6	600	9200	183.60						
8.9	600	9200	157.09						
10	600	9200	136.16						
11	600	9200	127.27						
13	600	9200	110.01						
15	600	9200	93.47						
17	600	9200	83.46						
19	600	9200	72.98						
21	600	9200	68.22						
24	600	9200	58.97						
28	600	9200	50.10						
31	600	9160	44.73						
37	600	8510	38.21						
39	600	8250	35.79						
46	590	7650	30.15						
2Stage									
35	290	10500	40.13						
41	500	8670	34.24						
47	545	7890	29.94						
49	535	7760	28.45						
56	575	7060	24.96						
66	600	6350	21.17						
73	600	6020	19.11						
83	600	5620	16.81						
88	600	5450	15.88						
104	600	4980	13.52						
114	600	4710	12.29						
132	600	4320	10.64						
150	420	4760	9.31						
171	420	4450	8.19						
181	420	4310	7.73						
213	420	3940	6.58						

TF..58 n_1=1400 r/min 600Nm

n_2 [r/min]	M_2max [Nm]	Fr_2 [N]	i	AM / MY63 AM / MY71	AM80 MY80	AM90 MY90	AM100 MY100	AM112 MY112	AM / MY132S AM / MY132M
2Stage									
234	420	3730	5.98						
270	415	3460	5.18						

TF..58/TRF38 n_1=1400 r/min 600Nm

n_2 [r/min]	M_2max [Nm]	Fr_2 [N]	i	MY63 MY71	MY80	MY90	MY100
3Stage / 3Stage							
0.09	600	9200	14832				
0.10	600	9200	13604				
0.11	600	9200	12602				
0.12	600	9200	11252				
0.14	600	9200	9986				
0.16	600	9200	8787				
0.18	600	9200	7908				
0.20	600	9200	6913				
0.23	600	9200	6030				
0.26	600	9200	5289				
0.30	600	9200	4654				
0.34	600	9200	4060				
0.39	600	9200	3564				
0.44	600	9200	3161				
0.51	600	9200	2737				
0.58	600	9200	2409				
0.66	600	9200	2131				
0.76	600	9200	1840				
0.86	600	9200	1623				
0.97	600	9200	1439				
1.1	600	9200	1238				
2Stage / 3Stage							
0.49	600	9200	2854				
0.54	600	9200	2576				
0.62	600	9200	2266				
0.70	600	9200	2012				
0.78	600	9200	1791				
0.87	600	9200	1617				
0.98	600	9200	1422				
1.1	600	9200	1243				
1.3	600	9200	1066				
1.5	600	9200	949				
1.6	600	9200	856				
1.9	600	9200	749				
2.1	600	9200	658				
2.6	600	9200	549				
2.9	600	9200	483				
3Stage / 2Stage							
1.3	600	9200	1106				
1.4	600	9200	967				
1.6	600	9200	851				
1.9	600	9200	738				
2.2	600	9200	646				

TF..58TRF38 n_1=1400 r/min 600Nm

n_2 [r/min]	M_2max [Nm]	Fr_2 [N]	i	MY63 MY71	MY80	MY90	MY100
3Stage / 2Stage							
2.5	600	9200	558				
2.8	600	9200	506				
3.1	600	9200	452				
3.6	600	9200	386				
4.1	600	9200	338				
5.5	600	9200	255				
7.0	600	9200	201				
7.7	600	9200	181				
9.0	600	9200	155				
2Stage / 2Stage							
3.3	600	9200	426				
3.7	600	9200	382				
4.2	600	9200	330				
4.7	600	9200	298				
5.3	600	9200	262				
6.2	600	9200	226				
7.0	600	9200	200				
8.2	600	9200	170				
9.2	600	9200	152				
10	600	9200	134				

TF..68 n_1=1400 r/min 820Nm

n_2 [r/min]	M_2max [Nm]	Fr_2 [N]	i	AM / MY63 AM / MY71	AM80 MY80	AM90 MY90	AM100 MY100	AM112 MY112	AM / MY132S AM / MY132M
3Stage									
6.1	820	10300	228.99						
7.2	820	10300	195.39						
8.2	820	10300	170.85						
8.6	820	10300	162.31						
9.8	820	10300	142.40						
12	820	10300	120.79						
13	820	10300	109.04						
15	820	10300	95.94						
15	820	10300	90.59						
18	820	10300	79.76						
21	820	10300	67.65						
23	820	10300	61.07						
26	820	10300	53.73						
28	820	10300	50.74						
32	820	10300	43.20						
36	780	10700	39.26						
41	740	11000	34.01						
2Stage									
39	820	10300	36.30						
44	820	10300	32.08						
51	820	10300	27.41						
56	820	10300	25.13						
63	820	10300	22.05						
67	820	10300	20.90 *						

TF..68 n_1=1400 r/min 820Nm

n_2 [r/min]	M_2max [Nm]	Fr_2 [N]	i	AM / MY63 AM / MY71	AM80 MY80	AM90 MY90	AM100 MY100	AM112 MY112	AM / MY132S AM / MY132M
2Stage									
77	820	10300	18.29						
85	820	10300	16.48						
97	820	10300	14.46						
110	820	10300	12.76						
124	820	10300	11.31						
145	820	10300	9.66						
154	530	11400	9.08						
163	570	10900	8.60						
186	610	10100	7.53						
206	620	9660	6.78						
235	610	9200	5.95						
267	590	8850	5.25						
300	560	8590	4.66						
353	500	8390	3.97						

TF..68/TRF38 n_1=1400 r/min 820Nm

n_2 [r/min]	M_2max [Nm]	Fr_2 [N]	i	MY63 MY71	MY80	MY90	MY100
3Stage / 3Stage							
0.07	820	10300	19199				
0.08	820	10300	17610				
0.09	820	10300	14992				
0.11	820	10300	12926				
0.12	820	10300	11480				
0.14	820	10300	10220				
0.16	820	10300	8933				
0.18	820	10300	7940				
0.20	820	10300	7096				
0.23	820	10300	6080				
0.26	820	10300	5341				
0.30	820	10300	4690				
0.34	820	10300	4091				
0.39	820	10300	3574				
0.45	820	10300	3133				
0.51	820	10300	2756				
0.57	820	10300	2439				
2Stage / 3Stage							
0.41	820	10300	3377				
0.48	820	10300	2912				
0.52	820	10300	2714				
0.59	820	10300	2372				
0.66	820	10300	2126				
0.75	820	10300	1859				
0.86	820	10300	1631				
0.97	820	10300	1437				
1.1	820	10300	1256				
1.2	820	10300	1126				
1.4	820	10300	984				
1.6	820	10300	864				
1.9	820	10300	722				

TF..68/TRF38 n_1=1400 r/min 820Nm

n_2 [r/min]	M_2max [Nm]	Fr_2 [N]	i	MY63 MY71	MY80	MY90	MY100
2Stage / 3Stage							
2.2	820	10300	634				
2.6	820	10300	539				
3Stage / 2Stage							
0.66	820	10300	2106				
0.74	820	10300	1884				
0.86	820	10300	1635				
0.98	820	10300	1429				
1.1	820	10300	1271				
1.3	820	10300	1102				
1.4	820	10300	970				
1.6	820	10300	858				
1.9	820	10300	755				
2.2	820	10300	641				
2.4	820	10300	572				
2.8	820	10300	509				
3.2	820	10300	437				
3.6	820	10300	384				
4.1	820	10300	338				
4.6	820	10300	305				
5.4	820	10300	257				
6.1	820	10300	231				
6.8	820	10300	205				
8.0	820	10300	175				
2Stage / 2Stage							
2.8	820	10300	500				
3.1	820	10300	454				
3.6	820	10300	392				
4.2	820	10300	333				
4.7	820	10300	297				
5.4	820	10300	261				
5.9	820	10300	238				
7.0	820	10300	200				
8.0	820	10300	176				

TF..78

n_1=1400 r/min

1500Nm

n_2 [r/min]	M_2max [Nm]	Fr_2 [N]	i	AM / MY63 AM / MY71	AM80 MY80	AM90 MY90	AM100 MY100	AM112 MY112	AM / MY132S AM / MY132M	AM / MY132ML MY160M
3Stage										
5.0	1500	15700	281.71							
5.3	1500	15700	262.93							
6.2	1500	15700	225.79							
7.1	1500	15700	198.31							
7.4	1500	15700	188.40							
8.4	1500	15700	166.47							
9.8	1500	15700	142.27							
11	1500	15700	130.42							
12	1500	15700	114.45							
13	1500	15700	108.46 *							
15	1500	15700	94.93							
16	1500	15700	85.52							
19	1500	15700	75.02							
19	1500	15700	72.50							
21	1500	15700	66.46							
24	1500	15700	58.32							
25	1500	15700	55.27							
29	1500	15700	48.37							
32	1500	15700	43.58							
37	1500	15700	38.23							
41	1500	15700	33.74							
47	1500	15700	29.91							
55	1450	16100	25.54							
2Stage										
38	1110	17900	36.58							
44	1380	16500	31.51							
49	1430	16200	28.75							
55	1500	15700	25.50 *							
65	1500	15700	21.43							
71	1500	15700	19.70							
80	1500	15700	17.49							
90	1500	15700	15.64 *							
100	1500	15700	14.06							
115	1500	14900	12.20							
128	1500	14200	10.93							
151	1080	13800	9.30							
169	1080	13100	8.26							
189	1080	12500	7.39							
211	1080	12000	6.64							
243	1080	11300	5.76							
271	1080	10700	5.16							
327	1010	10200	4.28							

TF..78/TRF38 n_1=1400 r/min 1500Nm

n_2 [r/min]	M_2max [Nm]	Fr_2 [N]	i	MY63 MY71	MY80	MY90	MY100
3Stage / 3Stage							
0.07	1500	15700	19180				
0.08	1500	15700	17593				
0.09	1500	15700	16128				
0.09	1500	15700	14978				
0.10	1500	15700	13731				
0.12	1500	15700	12049				
0.13	1500	15700	11035				
0.14	1500	15700	9683				
0.17	1500	15700	8464				
0.19	1500	15700	7520				
0.21	1500	15700	6580				
0.24	1500	15700	5808				
0.28	1500	15700	5026				
0.32	1500	15700	4435				
0.37	1500	15700	3832				
0.41	1500	15700	3381				
0.47	1500	15700	2978				
0.54	1500	15700	2613				
0.61	1500	15700	2284				
0.69	1500	15700	2029				
2Stage / 3Stage							
0.28	1110	17900	4931				
0.31	1110	17900	4523				
0.36	1110	17900	3851				
0.42	1110	17900	3320				
0.45	1110	17900	3095				
0.52	1110	17900	2705				
0.55	1110	17900	2536				
0.63	1110	17900	2238				
0.69	1110	17900	2039				
0.80	1110	17900	1759				
0.85	1110	17900	1639				
0.98	1110	17900	1433				
1.0	1110	17900	1343				
1.2	1110	17900	1185				
1.3	1110	17900	1051				
1.6	1110	17900	893				
3Stage / 2Stage							
0.81	1500	15700	1728				
0.91	1500	15700	1544				
1.0	1500	15700	1354				
1.2	1500	15700	1200				
1.3	1500	15700	1053				
1.5	1500	15700	910				
1.7	1500	15700	810				
2.0	1500	15700	710				
2.3	1500	15700	615				
2.6	1500	15700	538				
2.9	1500	15700	480				
3.4	1500	15700	413				
3.8	1500	15700	367				
4.3	1500	15700	323				

TF..78/TRF38

n_1=1400 r/min

1500Nm

n_2 [r/min]	M_2max [Nm]	Fr_2 [N]	i	MY63 MY71	MY80	MY90	MY100
3Stage / 2Stage							
5.0	1500	15700	280				
5.7	1500	15700	247				
6.3	1500	15700	221				
7.0	1500	15700	199				
2Stage / 2Stage							
1.7	1110	17900	815				
2.0	1110	17900	706				
2.1	1110	17900	660				
2.5	1110	17900	571				
2.9	1110	17900	485				
3.2	1110	17900	433				
3.8	1110	17900	370				
4.0	1110	17900	346				
4.8	1110	17900	292				

TF..88

n_1=1400 r/min

3000Nm

n_2 [r/min]	M_2max [Nm]	Fr_2 [N]	i	AM80 MY80	AM90 MY90	AM100 MY100	AM112 MY112	AM / MY132S AM / MY132M	AM / MY132ML AM / MY160M AM / MY160L	AM180 MY180
3Stage										
5.2	3000	19800	270.68							
5.5	3000	19800	255.37							
6.1	3000	19800	228.93							
7.1	3000	19800	197.20							
7.8	3000	19800	179.97							
8.8	3000	19800	159.61							
10	3000	19800	134.16							
11	3000	19800	123.29							
13	3000	19800	109.49							
14	3000	19800	97.89							
16	3000	19800	88.01							
18	3000	19800	76.39							
20	3000	19600	68.40							
25	3000	17700	56.75							
28	2940	16800	50.36							
31	2820	16200	45.28							
36	2720	15400	39.30							
40	2610	14900	35.19							
48	2510	13800	29.20							
2Stage										
41	2610	14600	33.92							
49	2450	13900	28.78							
53	3000	11100	26.50							
59	3000	10300	23.68							
66	3000	9530	21.32 *							
73	3000	8840	19.31							
82	3000	8040	17.12							
90	3000	7390	15.48							
107	3000	6370	13.12 *							

TF..88 n_1=1400 r/min 3000Nm

n_2 [r/min]	M_2max [Nm]	Fr_2 [N]	i	AM80 MY80	AM90 MY90	AM100 MY100	AM112 MY112	AM / MY132S AM / MY132M	AM / MY132ML AM / MY160M AM / MY160L	AM180 MY180
2Stage										
122	3000	5580	11.46							
146	2880	5050	9.58							
169	1530	8890	8.29							
190	1530	8280	7.35							
211	1530	7790	6.65							
249	1530	7020	5.63							
285	1530	6430	4.92							
340	1460	5980	4.12							

TF..88/TRF58 n_1=1400 r/min 3000Nm

n_2 [r/min]	M_2max [Nm]	Fr_2 [N]	i	MY63 MY71	MY80	MY90	MY100	MY112	MY132S MY132M
3Stage / 3Stage									
0.06	3000	19800	23042						
0.07	3000	19800	20462						
0.08	3000	19800	18238						
0.09	3000	19800	15877						
0.10	3000	19800	14099						
0.11	3000	19800	12205						
0.13	3000	19800	10433						
0.15	3000	19800	9381						
0.17	3000	19800	8142						
0.20	3000	19800	7100						
0.22	3000	19800	6273						
0.25	3000	19800	5510						
0.28	3000	19800	4954						
0.33	3000	19800	4245						
0.38	3000	19800	3721						
2Stage / 3Stage									
0.28	3000	19800	4952						
0.31	3000	19800	4562						
0.36	3000	19800	3919						
0.40	3000	19800	3503						
0.44	3000	19800	3196						
0.49	3000	19800	2857						
0.55	3000	19800	2524						
0.66	3000	19800	2134						
0.73	3000	19800	1913						
0.82	3000	19800	1717						
0.95	3000	19800	1476						
1.1	3000	19800	1278						
1.2	3000	19800	1142						
1.4	3000	19800	988						
1.6	3000	19800	883						
1.9	3000	19800	748						
3Stage / 2Stage									
0.43	3000	19800	3244						
0.49	3000	19800	2881						

TF..88/TRF58 n_1=1400 r/min 3000Nm

n_2 [r/min]	M_2max [Nm]	Fr_2 [N]	i	MY63 MY71	MY80	MY90	MY100	MY112	MY132S MY132M
3Stage / 2Stage									
0.54	3000	19800	2576						
0.64	3000	19800	2199						
0.73	3000	19800	1930						
0.82	3000	19800	1709						
0.94	3000	19800	1493						
1.1	3000	19800	1300						
1.2	3000	19800	1148						
1.4	3000	19800	1010						
1.6	3000	19800	887						
1.8	3000	19800	780						
2.1	3000	19800	674						
2.3	3000	19800	609						
2.7	3000	19800	515						
3.1	3000	19800	452						
4.1	3000	19800	345						
4.7	3000	19800	300						
5.6	3000	19800	249						
2Stage / 2Stage									
2.1	3000	19800	662						
2.4	3000	19800	592						
2.7	3000	19800	519						
3.0	3000	19800	468						
3.5	3000	19800	398						
4.0	3000	19800	350						
4.4	3000	19800	315						
5.0	3000	19800	281						
5.8	3000	19800	240						
6.6	3000	19800	211						
7.3	3000	19800	193						

TF..98 n_1=1400 r/min 4300Nm

n_2 [r/min]	M_2max [Nm]	Fr_2 [N]	i	AM90 MY90	AM100 MY100	AM112 MY112	AM / MY132S AM / MY132M	AM / MY132ML AM / MY160M AM / MY160L	AM180 MY180	AM200 MY200
3Stage										
5.1	4300	29900	276.77							
5.5	4300	29900	253.41							
6.3	4300	29900	223.88							
7.4	4300	29900	189.92							
8.0	4300	29900	174.87							
9.0	4300	29900	156.30							
9.9	4300	29900	140.71							
11	4300	29900	127.42							
12	4300	29900	112.99							
14	4300	29900	102.16							
14	4300	29900	97.58							
16	4300	29900	89.85							
16	4300	29900	86.59							

TF..98 n_1=1400 r/min 4300Nm

n_2 [r/min]	M_2max [Nm]	Fr_2 [N]	i	AM90 MY90	AM100 MY100	AM112 MY112	AM / MY132S AM / MY132M	AM / MY132ML AM / MY160M AM / MY160L	AM180 MY180	AM200 MY200
3Stage										
17	4300	29900	80.31							
19	4300	29900	75.63							
19	4300	29900	72.29							
21	4300	29000	65.47							
24	4300	27200	58.06							
27	4300	25800	52.49							
31	4300	23600	44.49							
36	4300	21900	38.86							
43	4300	19800	32.50							
2Stage										
32	3070	27600	43.28							
38	3070	25500	36.64							
41	4300	20300	33.91							
46	4300	19000	30.39							
51	4300	17900	27.44 *							
56	4300	16800	24.92							
63	4300	15600	22.11							
70	4300	14600	20.07							
81	4300	13200	17.25 *							
93	4300	11900	15.06							
110	4300	10500	12.77							
125	4100	10000	11.16							
155	2360	13400	9.06							
170	2360	12600	8.22							
198	2360	11500	7.07							
227	2250	11100	6.17							
268	2150	10400	5.23							
306	2050	9950	4.57							
362	1800	9970	3.87							

TF..98/TRF58 n_1=1400 r/min 4300Nm

n_2 [r/min]	M_2max [Nm]	Fr_2 [N]	i	MY63 MY71	MY80	MY90	MY100	MY112	MY132S MY132M
3Stage / 3Stage									
0.05	4300	29900	29211						
0.05	4300	29900	26911						
0.06	4300	29900	23814						
0.07	4300	29900	20813						
0.08	4300	29900	18119						
0.09	4300	29900	15472						
0.10	4300	29900	14022						
0.11	4300	29900	12324						
0.13	4300	29900	10838						
0.15	4300	29900	9576						
0.17	4300	29900	8318						
0.19	4300	29900	7328						
0.22	4300	29900	6469						
0.25	4300	29900	5615						
0.28	4300	29900	4961						
0.32	4300	29900	4333						

TF..98/TRF58

n_1=1400 r/min

4300Nm

n_2 [r/min]	M_2max [Nm]	Fr_2 [N]	i	MY63 MY71	MY80	MY90	MY100	MY112	MY132S MY132M
2Stage / 3Stage									
0.22	4300	29900	6338						
0.25	4300	29900	5680						
0.28	4300	29900	5016						
0.32	4300	29900	4367						
0.36	4300	29900	3914						
0.42	4300	29900	3357						
0.47	4300	29900	3009						
0.57	4300	29900	2448						
0.64	4300	29900	2199						
0.71	4300	29900	1971						
0.80	4300	29900	1741						
0.95	4300	29900	1468						
1.1	4300	29900	1316						
1.2	4300	29900	1189						
1.4	4300	29900	1023						
3Stage / 2Stage									
0.36	4300	29900	3906						
0.42	4300	29900	3352						
0.48	4300	29900	2907						
0.55	4300	29900	2553						
0.62	4300	29900	2245						
0.71	4300	29900	1970						
0.81	4300	29900	1722						
0.92	4300	29900	1527						
1.1	4300	29900	1327						
1.2	4300	29900	1171						
1.4	4300	29900	1022						
1.6	4300	29900	898						
1.8	4300	29900	784						
2.0	4300	29900	690						
2.3	4300	29900	605						
2.6	4300	29900	529						
3.0	4300	29900	467						
3.4	4300	29900	406						
3.9	4300	29900	363						
4.9	4300	29900	285						
5.7	4300	29900	245						
6.7	4300	29900	208						
7.2	4300	29900	195						
2Stage / 2Stage									
1.6	4300	29900	892						
1.8	4300	29900	760						
2.1	4300	29900	667						
2.5	4300	29900	569						
2.7	4300	29900	510						
3.0	4300	29900	473						
3.5	4300	29900	403						
3.9	4300	29900	361						
4.4	4300	29900	317						
5.1	4300	29900	275						
5.8	4300	29900	242						

TF..108 n_1=1400 r/min 7840Nm

n_2 [r/min]	M_2max [Nm]	Fr_2 [N]	i	AM100 MY100	AM112 MY112	AM / MY132S AM / MY132M	AM / MY132ML AM / MY160M AM / MY160L	AM180 MY180	AM / MY200 AM / MY225S AM / MY225M
3Stage									
5.5	7680	49800	254.40 *						
6.5	7680	49800	215.37						
7.0	7680	49800	199.31						
7.8	7680	49800	178.64						
8.7	7680	49800	161.28 *						
9.6	7680	49800	146.49						
11	7680	49800	129.97						
12	7680	49800	117.94						
14	7680	49800	101.38 *						
15	7680	49800	92.47 *						
16	7680	49800	88.49						
17	7680	49800	83.99						
19	7680	49800	74.52						
21	7680	49800	67.62						
24	7680	47800	58.12 *						
28	7680	45100	50.73						
33	7680	42000	43.03						
37	7680	39500	37.61						
44	7680	36500	31.80						
2Stage									
41	7400	38300	33.79 *						
51	7840	33300	27.57						
56	7840	31500	25.14						
64	7840	28800	21.76 *						
73	7840	26500	19.20 *						
84	7840	23900	16.58						
95	7680	22400	14.67						
114	7000	22600	12.33						
141	6500	21500	9.96						
144	4910	23500	9.69						
167	4800	22000	8.37						
189	4600	21300	7.40						
225	4600	19000	6.22						
278	4600	16400	5.03						

TF..108/TRF78 n_1=1400 r/min 7840Nm

n_2 [r/min]	M_2max [Nm]	Fr_2 [N]	i	MY63 MY71	MY80	MY90	MY100	MY112	MY132S MY132M	MY132ML MY160M
3Stage 3Stage										
0.06	7680	49800	25375							
0.06	7680	49800	21652							
0.07	7680	49800	18933							
0.08	7680	49800	16888							
0.09	7680	49800	14767							
0.12	7680	49800	11348							
0.14	7680	49800	10039							
0.16	7680	49800	8548							
0.18	7680	49800	7674							
0.21	7680	49800	6767							

TF..108/TRF78 n_1=1400 r/min — 7840Nm

n_2 [r/min]	M_2max [Nm]	Fr_2 [N]	i	MY63 MY71	MY80	MY90	MY100	MY112	MY132S MY132M	MY132ML MY160M
3Stage / 3Stage										
0.24	7680	49800	5954							
0.27	7680	49800	5223							
0.31	7680	49800	4567							
0.35	7680	49800	3948							
0.40	7680	49800	3521							
2Stage / 3Stage										
0.26	7840	49400	5383							
0.30	7840	49400	4593							
0.35	7840	49400	4016							
0.37	7840	49400	3815							
0.42	7840	49400	3347							
0.49	7840	49400	2839							
0.55	7840	49400	2563							
0.62	7840	49400	2255							
0.66	7840	49400	2129							
0.77	7840	49400	1813							
0.88	7840	49400	1590							
0.97	7840	49400	1436							
1.1	7840	49400	1263							
1.2	7840	49400	1193							
1.4	7840	49400	1015							
1.5	7840	49400	923							
1.8	7840	49400	800							
2.0	7840	49400	696							
3Stage / 2Stage										
0.46	7680	49800	3037							
0.51	7680	49800	2756							
0.59	7680	49800	2369							
0.68	7680	49800	2068							
0.77	7680	49800	1826							
0.88	7680	49800	1597							
1.0	7680	49800	1401							
1.1	7680	49800	1243							
1.3	7680	49800	1087							
1.5	7680	49800	950							
1.7	7680	49800	834							
1.9	7680	49800	736							
2.2	7680	49800	640							
2.5	7680	49800	560							
2.9	7680	49800	489							
3.2	7680	49800	436							
3.8	7680	49800	370							
4.2	7680	49800	333							
4.8	7680	49800	291							
5.5	7680	49800	255							
6.2	7680	49800	225							
7.4	7680	49800	190							
2Stage / 2Stage										
2.2	7840	49400	644							
2.4	7840	49400	591							
2.7	7840	49400	518							

TF..108/TRF78 n_1=1400 r/min — 7840Nm

n_2 [r/min]	M_2max [Nm]	Fr_2 [N]	i	MY63 MY71	MY80	MY90	MY100	MY112	MY132S MY132M	MY132ML MY160M
2Stage / 2Stage										
2.9	7840	49400	491							
3.3	7840	49400	430							
3.6	7840	49400	387							
4.1	7840	49400	340							
4.7	7840	49400	300							
5.3	7840	49400	266							

TF..128 n_1=1400 r/min — 12000Nm

n_2 [r/min]	M_2max [Nm]	Fr_2 [N]	i	AM132M MY132M	AM / MY132ML AM / MY160M AM / MY160L	AM180 MY180	AM / MY200 AM / MY225S AM / MY225M	AM/ MY250M AM / MY280	MY315M MY315S
3Stage									
8.2	12000	90000	170.83						
9.1	12000	90000	153.67 *						
11	12000	90000	125.37						
12	12000	88000	114.34						
14	12000	83000	98.95						
16	12000	79000	87.31 *						
19	12000	74300	75.41 *						
20	12000	72100	70.07						
22	12000	69400	63.91						
25	12000	65200	55.31						
29	12000	61300	48.80						
33	12000	56800	42.15						
38	12000	53200	37.28						
45	12000	48300	31.33						
55	12000	42400	25.30						
2Stage									
52	8500	55300	26.86						
57	8500	53300	24.57						
65	12000	38000	21.38						
74	11000	38800	18.87						
86	11000	35400	16.36						
96	11000	32600	14.55						
112	10000	33300	12.54						
137	9500	30900	10.19						
158	7000	36400	8.86						
178	6000	37000	7.88						
206	7000	32200	6.80						
254	6000	31700	5.52						
299	6000	29500	4.68						

TF..128/TRF78 n_1=1400 r/min — 12000Nm

n_2 [r/min]	M_2max [Nm]	Fr_2 [N]	i	MY63 MY71	MY80	MY90	MY100	MY112	MY132S MY132M	MY132SML MY160M
3Stage / 3Stage										
0.06	12000	90000	24478	■						
0.06	12000	90000	22323	■						
0.07	12000	90000	19048	■	■					
0.08	12000	90000	16656	■	■	■				
0.10	12000	90000	14722	■						
0.11	12000	90000	12912	■	■	■	■	■		
0.12	12000	90000	11656	■	■	■	■	■		
0.14	12000	90000	10191	■	■	■	■	■		
0.16	12000	90000	8831	■	■	■	■	■	■	
0.18	12000	90000	7643	■	■	■	■	■	■	
0.21	12000	90000	6715	■	■	■	■			
0.24	12000	90000	5925	■	■	■	■			
0.27	12000	90000	5153	■	■	■	■	■		
0.31	12000	90000	4533	■	■	■	■	■	■	
0.36	12000	90000	3926	■	■	■	■	■		
0.41	12000	90000	3454	■	■	■	■	■	■	
0.46	12000	90000	3031	■	■	■	■	■	■	
3Stage / 2Stage										
0.52	12000	90000	2672	■	■	■	■	■		
0.59	12000	90000	2357	■	■	■	■	■	■	
0.69	12000	90000	2038	■	■	■	■	■	■	
0.78	12000	90000	1784	■	■	■	■	■	■	
0.87	12000	90000	1606		■	■	■	■	■	■
1.0	12000	90000	1390		■	■	■	■	■	■
1.1	12000	90000	1220		■	■	■	■	■	■
1.3	12000	90000	1077	■	■	■	■	■	■	
1.5	12000	90000	930		■	■	■	■	■	■
1.7	12000	90000	820			■	■	■	■	■
1.9	12000	90000	727			■	■	■	■	■
2.2	12000	90000	648	■	■	■	■	■	■	
2.6	12000	90000	549	■	■	■	■	■	■	
2.8	12000	90000	495		■	■	■	■	■	■
3.3	12000	90000	428		■	■	■	■	■	■
3.7	12000	90000	376		■	■	■	■	■	■

TF..128/TRF88 n_1=1400 r/min — 12000Nm

n_2 [r/min]	M_2max [Nm]	Fr_2 [N]	i	MY90	MY100	MY112	MY132S MY132M	MY132ML MY160M MY160L	MY180
3Stage / 2Stage									
2.9	12000	90000	483		■	■	■	■	■
3.3	12000	90000	418	■	■	■	■	■	■
3.7	12000	90000	374		■	■	■	■	■
4.5	12000	90000	312		■	■	■	■	■
4.8	12000	90000	293		■	■	■	■	■
5.4	12000	90000	259		■	■	■	■	■
6.3	12000	90000	223		■	■	■	■	■
7.1	12000	90000	198		■	■	■	■	■
8.4	12000	90000	166		■	■	■	■	■

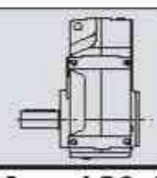
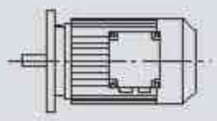
TF..158 n_1=1400 r/min 18000Nm

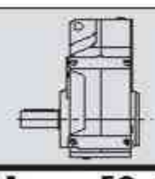
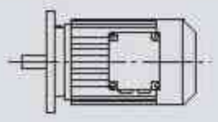
n_2 [r/min]	M_2max [Nm]	Fr_2 [N]	i	AM / MY132ML AM / MY160M AM / MY160L	AM180 MY180	AM / MY200 AM / MY225S AM / MY225M	AM / MY250M AM / MY280	MY315M MY315S	MY315M_A MY315M_B
3Stage									
5.2	18000	100300	267.43						
6.4	18000	100300	217.62 *						
7.9	18000	100300	178.20 *						
8.6	18000	100300	162.96						
9.9	18000	100300	141.80 *						
11	18000	100300	125.14						
13	18000	100300	108.49						
15	18000	100300	96.53 *						
16	18000	95800	85.80 *						
18	18000	92300	78.46						
21	18000	87000	68.28 *						
23	18000	82500	60.25						
27	18000	77500	52.24						
30	18000	73600	46.48 *						
35	18000	68900	40.06						
43	18000	62500	32.55						
51	18000	57800	27.60						
2Stage									
26	8000	98400	53.55						
32	10000	87800	43.94 *						
39	11000	79300	35.75 *						
49	17000	60800	28.60 *						
55	15000	61500	25.43						
63	18000	51800	22.16						
71	17000	50900	19.77						
83	18000	44900	16.85						
100	17000	42500	13.96						
117	16000	40900	11.92						

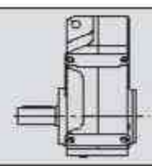
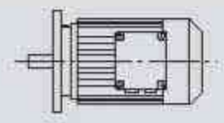
TF..158/TRF98 n_1=1400 r/min — 18000Nm

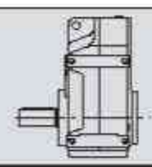
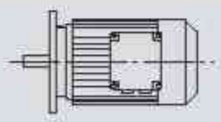
n_2 [r/min]	M_2max [Nm]	Fr_2 [N]	i	MY80	MY90	MY100	MY112	MY132S MY132M	MY132ML MY160M MY160L	MY180	MY200
3Stage / 3Stage											
0.04	18000	100300	31434								
0.05	18000	100300	26173								
0.06	18000	100300	23464								
0.07	18000	100300	20212								
0.08	18000	100300	17984								
0.09	18000	100300	16358								
0.10	18000	100300	13751								
0.11	18000	100300	12235								
0.14	18000	100300	10033								
0.16	18000	100300	9021								
0.17	18000	100300	8026								
0.20	18000	100300	7075								
0.22	18000	100300	6295								
0.26	18000	100300	5404								
0.29	18000	100300	4831								
0.34	18000	100300	4130								
0.39	18000	100300	3607								
0.44	18000	100300	3210								
0.50	18000	100300	2780								
0.97	18000	100300	1441								
3Stage / 2Stage											
0.58	18000	100300	2427								
0.64	18000	100300	2185								
0.72	18000	100300	1944								
0.84	18000	100300	1674								
1.1	18000	100300	1308								
1.2	18000	100300	1169								
1.5	18000	100300	953								
1.7	18000	100300	845								
1.8	18000	100300	764								
2.1	18000	100300	680								
2.4	18000	100300	576								
2.8	18000	100300	503								
3.1	18000	100300	446								
4.0	18000	100300	353								
4.6	18000	100300	302								
5.1	18000	100300	273								
6.0	18000	100300	232								
6.9	18000	100300	202								
7.1	18000	100300	197								

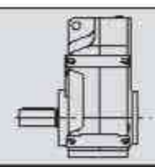
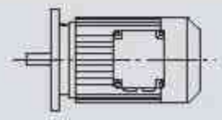
4.3.2 TF..MY.. Performance parameter

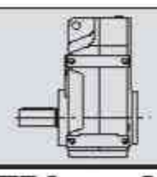
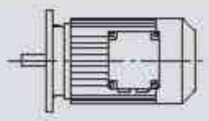
P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	Fr_2 [N]	fs			Page
0.12	0.06	13900	22323	86700	0.85	**TFA 128 / TRF78**	**MY 63S4**	296
	0.07	11900	19048	90000	1.00	**TFAF 128 / TRF78**	**MY 63S4**	296
	0.08	10400	16656	90000	1.15	**TF 128 / TRF78**	**MY 63S4**	296
	0.09	9180	14722	90000	1.30	**TFF 128 / TRF78**	**MY 63S4**	296
	0.11	8000	12912	90000	1.50			
	0.12	7050	11656	90000	1.70			
	0.14	6310	10191	90000	1.90			
	0.09	9210	14767	45500	0.85	**TFA 108 / TRF78**	**MY 63S4**	296
	0.12	7080	11348	51400	1.10	**TFAF 108 / TRF78**	**MY 63S4**	296
	0.14	5750	10039	54600	1.35	**TF 108 / TRF78**	**MY 63S4**	296
	0.16	4680	8548	57000	1.65	**TFF 108 / TRF78**	**MY 63S4**	296
	0.18	4750	7674	56800	1.60			
	0.20	4090	6767	58200	1.90			
	0.23	3470	5954	59500	2.2			
	0.26	2990	5223	60400	2.6			
	0.30	2850	4567	60700	2.7			
	0.39	2130	3521	62000	3.6			
	0.21	4150	6469	30400	1.05	**TFA 98 / TRF58**	**MY 63S4**	296
	0.25	3820	5615	31300	1.15	**TFAF 98 / TRF58**	**MY 63S4**	296
	0.28	3320	4961	32500	1.30	**TF 98 / TRF58**	**MY 63S4**	296
	0.32	2900	4333	33500	1.50	**TFF 98 / TRF58**	**MY 63S4**	296
	0.35	2690	3906	34000	1.60	**TFA 98 / TRF58**	**MY 63S4**	296
	0.41	2320	3352	34800	1.85	**TFAF 98 / TRF58**	**MY 63S4**	296
	0.47	1920	2907	35500	2.2	**TF 98 / TRF58**	**MY 63S4**	296
	0.54	1760	2553	35800	2.4	**TFF 98 / TRF58**	**MY 63S4**	296
	0.33	2770	4245	23800	1.10	**TFA 88 / TRF58**	**MY 63S4**	296
	0.37	2220	3721	25800	1.35	**TFAF 88 / TRF58**	**MY 63S4**	296
						TF 88 / TRF58	**MY 63S4**	296
						TFF 88 / TRF58	**MY 63S4**	296
	0.43	2250	3244	25700	1.35	**TFA 88 / TRF58**	**MY 63S4**	296
	0.48	1990	2881	26500	1.50	**TFAF 88 / TRF58**	**MY 63S4**	296
	0.54	1780	2576	27100	1.70	**TF 88 / TRF58**	**MY 63S4**	296
	0.63	1520	2199	27800	2.0	**TFF 88 / TRF58**	**MY 63S4**	296
	0.72	1310	1930	28300	2.3			
	0.81	1180	1709	28600	2.6			
	0.92	1030	1493	28900	2.9			
	1.1	820	1300	29300	3.7			
	1.2	745	1148	29500	4.0			
	0.53	1820	2613	13000	0.80	**TFA 78 / TRF38**	**MY 63S4**	296
	0.60	1570	2284	15200	0.95	**TFAF 78 / TRF38**	**MY 63S4**	296
	0.68	1390	2029	16400	1.10	**TF 78 / TRF38**	**MY 63S4**	296
						TFF 78 / TRF38	**MY 63S4**	296
	0.80	1180	1728	17500	1.25	**TFA 78 / TRF38**	**MY 63S4**	296
	0.89	1090	1544	17900	1.40	**TFAF 78 / TRF38**	**MY 63S4**	296
	1.0	960	1354	18500	1.55	**TF 78 / TRF38**	**MY 63S4**	296
	1.2	850	1200	18800	1.75	**TFF 78 / TRF38**	**MY 63S4**	296
	1.3	745	1053	19100	2.0			
	1.5	635	910	19400	2.4			
	1.7	530	810	19600	2.8			
	1.9	465	710	19800	3.2			
	0.97	960	1429	7070	0.85	**TFA 68 / TRF38**	**MY 63S4**	296
	1.1	870	1271	9850	0.95	**TFAF 68 / TRF38**	**MY 63S4**	296
	1.2	725	1102	11100	1.15	**TF 68 / TRF38**	**MY 63S4**	296
	1.4	640	970	11700	1.30	**TFF 68 / TRF38**	**MY 63S4**	296
	1.6	560	858	12100	1.45			
	1.8	495	755	12400	1.65			
	2.1	420	641	12700	1.95			
	2.4	390	572	12800	2.1			
	2.7	330	509	13000	2.5			
	3.2	290	437	13000	2.9			

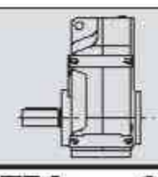
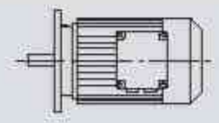
P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	Fr_2 [N]	fs			Page
0.12	1.6	615	851	9100	1.00	**TFA 58 / TRF38**	**MY 63S4**	296
	1.9	525	738	9750	1.15	**TFAF 58 / TRF38**	**MY 63S4**	296
	2.1	455	646	10200	1.30	**TF 58 / TRF38**	**MY 63S4**	296
	2.5	390	558	10600	1.55	**TFF 58 / TRF38**	**MY 63S4**	296
	2.7	345	506	10900	1.75			
	3.1	300	452	11100	2.0			
	3.2	310	426	11100	2.0	**TFA 58 / TRF38**	**MY 63S4**	296
	3.6	275	382	11300	2.2	**TFAF 58 / TRF38**	**MY 63S4**	296
	4.2	235	330	11500	2.6	**TF 58 / TRF38**	**MY 63S4**	296
	4.6	210	298	11500	2.9	**TFF 58 / TRF38**	**MY 63S4**	296
	5.3	185	262	11500	3.2			
	2.5	385	543	6100	1.05	**TFA 48 / TRF18**	**MY 63S4**	296
	2.9	335	475	6740	1.20	**TFAF 48 / TRF18**	**MY 63S4**	296
	3.3	290	419	7150	1.40	**TF 48 / TRF18**	**MY 63S4**	296
						TFF 48 / TRF18	**MY 63S4**	296
	2.6	380	524	6190	1.05	**TFA 48 / TRF18**	**MY 63S4**	296
	2.8	355	489	6530	1.15	**TFAF 48 / TRF18**	**MY 63S4**	296
	3.2	305	427	7020	1.30	**TF 48 / TRF18**	**MY 63S4**	296
	3.6	270	381	7310	1.50	**TFF 48 / TRF18**	**MY 63S4**	296
	4.1	235	334	7550	1.70			
	4.7	205	295	7740	1.95			
	5.5	172	253	7910	2.3			
	4.3	220	322	3990	0.90	**TFA 38 / TRF18**	**MY 63S4**	296
	5.0	192	278	4410	1.05	**TFAF 38 / TRF18**	**MY 63S4**	296
	5.7	162	242	4750	1.25	**TF 38 / TRF18**	**MY 63S4**	296
	6.2	156	221	4820	1.30	**TFF 38 / TRF18**	**MY 63S4**	296
	4.2	235	326	3710	0.85			
	4.9	205	285	4250	1.00	**TFA 38 / TRF18**	**MY 63S4**	296
	5.5	177	250	4590	1.15	**TFAF 38 / TRF18**	**MY 63S4**	296
	6.3	156	219	4820	1.30	**TF 38 / TRF18**	**MY 63S4**	296
	7.4	132	186	5040	1.50	**TFF 38 / TRF18**	**MY 63S4**	296
	8.3	118	167	5140	1.70			
	6.2	155	221	4500	0.85	**TFA 28 / TRF18**	**MY 63S4**	296
	8.0	119	172	4500	1.10	**TFAF 28 / TRF18**	**MY 63S4**	296
	9.1	104	153	4500	1.25	**TF 28 / TRF18**	**MY 63S4**	296
	11	87	130	4500	1.50	**TFF 28 / TRF18**	**MY 63S4**	296
	6.5	150	211	4500	0.85	**TFA 28 / TRF18**	**MY 63S4**	296
	7.4	131	186	4500	1.00	**TFAF 28 / TRF18**	**MY 63S4**	296
	9.7	102	142	4500	1.25	**TF 28 / TRF18**	**MY 63S4**	296
	11	88	124	4500	1.45	**TFF 28 / TRF18**	**MY 63S4**	296
	13	77	109	4500	1.70			
	14	67	96	4500	1.95			
	3.9	290	228.99	13000	2.8	**TFA 68**	**MY 63M6**	270
	4.6	250	195.39	13000	3.3	**TFAF 68**	**MY 63M6**	269
	5.3	220	170.85	13000	3.8	**TF 68**	**MY 63M6**	268
	5.5	205	162.31	13000	4.0	**TFF 68**	**MY 63M6**	269
	6.3	181	142.40	13000	4.5			
	4.5	255	199.70	11400	2.4	**TFA 58**	**MY 63M6**	266
	4.9	235	183.60	11500	2.6	**TFAF 58**	**MY 63M6**	265
	5.7	200	157.09	11500	3.0	**TF 58**	**MY 63M6**	264
	6.6	173	136.16	11500	3.5	**TFF 58**	**MY 63M6**	265
	7.1	162	127.27	11500	3.7			
	6.9	166	199.70	11500	3.6	**TFA 58**	**MY 63S4**	266
	7.5	153	183.60	11500	3.9	**TFAF 58**	**MY 63S4**	265
	8.8	130	157.09	11500	4.6	**TF 58**	**MY 63S4**	264
	10	113	136.16	11500	5.3	**TFF 58**	**MY 63S4**	265
	4.7	245	190.76	7510	1.65	**TFA 48**	**MY 63M6**	262
	5.1	225	175.38	7640	1.80	**TFAF 48**	**MY 63M6**	261
	6.0	191	150.06	7820	2.1	**TF 48**	**MY 63M6**	260
	6.9	166	130.07	7940	2.4	**TFF 48**	**MY 63M6**	261
	7.4	155	121.57	7990	2.6			
	8.6	134	105.09	8070	3.0			
	10	114	89.29	8130	3.5			
	11	102	79.72	8160	3.9			

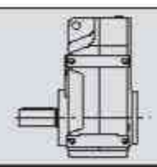
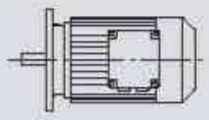
P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	Fr_2 [N]	fs			Page
0.12	7.2	158	190.76	7970	2.5	**TFA 48**	**MY 63S4**	262
	7.9	146	175.38	8020	2.8	**TFAF 48**	**MY 63S4**	261
	9.2	125	150.06	8100	3.2	**TF 48**	**MY 63S4**	260
	11	108	130.07	8150	3.7	**TFF 48**	**MY 63S4**	261
	7.0	164	128.51	4740	1.20	**TFA 38**	**MY 63M6**	258
	7.6	150	117.88	4880	1.35	**TFAF 38**	**MY 63M6**	257
	9.0	128	100.36	5070	1.55	**TF 38**	**MY 63M6**	256
	10	110	86.53	5190	1.80	**TFF 38**	**MY 63M6**	257
	11	103	80.65	5240	1.95			
	11	107	128.51	5220	1.85	**TFA 38**	**MY 63S4**	258
	12	98	117.88	5270	2.0	**TFAF 38**	**MY 63S4**	257
	14	83	100.36	5340	2.4	**TF 38**	**MY 63S4**	256
	16	72	86.53	5400	2.8	**TFF 38**	**MY 63S4**	257
	17	67	80.65	5410	3.0			
	8.2	140	109.90	4500	0.95	**TFA 28**	**MY 63M6**	254
	9.5	121	94.76	4500	1.10	**TFAF 28**	**MY 63M6**	253
	10	113	88.32	4500	1.15	**TF 28**	**MY 63M6**	252
	12	98	77.21	4500	1.30	**TFF 28**	**MY 63M6**	253
	9.8	117	140.74	4500	1.10	**TFA 28**	**MY 63S4**	254
	11	107	129.09	4500	1.20	**TFAF 28**	**MY 63S4**	253
	13	91	109.90	4500	1.40	**TF 28**	**MY 63S4**	252
	15	79	94.76	4500	1.65	**TFF 28**	**MY 63S4**	253
	16	73	88.32	4500	1.75			
	18	64	77.21	4500	2.0			
	19	60	72.37	4500	2.2			
	22	53	63.86	4500	2.5			
	24	47	56.62	4500	2.8			
	28	42	50.19	4500	3.1			
	30	39	46.78	4500	3.4			
	34	34	40.89	4500	3.8			
	36	32	38.33	4430	4.1			
	41	28	33.83	4270	4.6			
	47	25	29.56	4100	5.3	**TFA 28**	**MY 63S4**	254
	51	23	27.18	4000	5.8	**TFAF 28**	**MY 63S4**	253
	59	19	23.25	3820	6.7	**TF 28**	**MY 63S4**	252
	68	17	20.15	3650	7.8	**TFF 28**	**MY 63S4**	253
	73	16	18.84	3580	8.3			
	85	14	16.28	3420	9.6			
	100	12	13.84	3250	11			
	112	10	12.35	3140	13	**TFA 28**	**MY 63S4**	254
	131	8.8	10.55	2990	15	**TFAF 28**	**MY 63S4**	253
	140	8.2	9.88	2930	16	**TF 28**	**MY 63S4**	252
	147	7.8	9.40	2870	17	**TFF 28**	**MY 63S4**	253
	170	6.7	8.13	2740	18			
	200	5.7	6.91	2600	20			
	224	5.1	6.17	2510	21			
	262	4.4	5.27	2390	23			
	280	4.1	4.93	2340	23			
	332	3.5	4.16	2210	25			
0.18	0.10	13700	12912	87200	0.90	**TFA 128 / TRF78**	**MY 63M4**	296
	0.11	12200	11656	90000	1.00	**TFAF 128 / TRF78**	**MY 63M4**	296
	0.13	10800	10191	90000	1.10	**TF 128 / TRF78**	**MY 63M4**	296
	0.15	8950	8831	90000	1.35	**TFF 128 / TRF78**	**MY 63M4**	296
	0.17	7740	7643	90000	1.55			
	0.20	7130	6715	90000	1.70			
	0.15	8450	8548	47700	0.90	**TFA 108 / TRF78**	**MY 63M4**	296
	0.17	8130	7674	48600	0.95	**TFAF 108 / TRF78**	**MY 63M4**	296
	0.20	7070	6767	51400	1.10	**TF 108 / TRF78**	**MY 63M4**	296
	0.22	6090	5954	53800	1.25	**TFF 108 / TRF78**	**MY 63M4**	296
	0.25	5290	5223	55700	1.45			
	0.29	4850	4567	56600	1.60			
	0.37	3680	3521	59100	2.1			

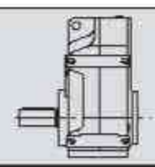
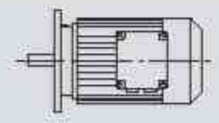
P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	Fr_2 [N]	fs			Page
0.18	0.43	3260	3037	59900	2.4	**TFA 108 / TRF78**	**MY 63M4**	296
	0.48	2960	2756	60500	2.6	**TFAF 108 / TRF78**	**MY 63M4**	296
	0.56	2540	2369	61200	3.0	**TF 108 / TRF78**	**MY 63M4**	296
	0.64	2220	2068	61800	3.5	**TFF 108 / TRF78**	**MY 63M4**	296
	0.30	4810	4333	22800	0.90	**TFA 98 / TRF58**	**MY 63M4**	296
						TFAF 98 / TRF58	**MY 63M4**	296
						TF 98 / TRF58	**MY 63M4**	296
						TFF 98 / TRF58	**MY 63M4**	296
	0.34	4430	3906	29500	0.95	**TFA 98 / TRF58**	**MY 63M4**	296
	0.39	3810	3352	31300	1.15	**TFAF 98 / TRF58**	**MY 63M4**	296
	0.45	3210	2907	32800	1.35	**TF 98 / TRF58**	**MY 63M4**	296
	0.52	2900	2553	33600	1.50	**TFF 98 / TRF58**	**MY 63M4**	296
	0.59	2550	2245	34300	1.70			
	0.67	2210	1970	35000	1.95			
	0.77	1960	1722	35500	2.2			
	0.86	1740	1527	35900	2.5			
	0.99	1430	1327	36400	3.0			
	1.1	1330	1171	36500	3.2			
	0.51	2930	2576	22300	1.00	**TFA 88 / TRF58**	**MY 63M4**	296
	0.60	2490	2199	24800	1.20	**TFAF 88 / TRF58**	**MY 63M4**	296
	0.68	2170	1930	25900	1.40	**TF 88 / TRF58**	**MY 63M4**	296
	0.77	1940	1709	26600	1.55	**TFF 88 / TRF58**	**MY 63M4**	296
	0.88	1700	1493	27300	1.75			
	1.0	1400	1300	28100	2.1			
	1.2	1260	1148	28400	2.4			
	1.3	1090	1010	28800	2.8			
	1.5	970	887	29000	3.1			
	1.7	840	780	29300	3.6			
	0.86	1780	1544	13500	0.85	**TFA 78 / TRF38**	**MY 63M4**	296
	0.98	1560	1354	15300	0.95	**TFAF 78 / TRF38**	**MY 63M4**	296
	1.1	1380	1200	16500	1.10	**TF 78 / TRF38**	**MY 63M4**	296
	1.2	1210	1053	17400	1.25	**TFF 78 / TRF38**	**MY 63M4**	296
	1.4	1040	910	18200	1.45			
	1.6	890	810	18700	1.70	**TFA 78 / TRF38**	**MY 63M4**	296
	1.9	780	710	19000	1.90	**TFAF 78 / TRF38**	**MY 63M4**	296
	2.1	695	615	19300	2.20	**TF 78 / TRF38**	**MY 63M4**	296
						TFF 78 / TRF38	**MY 63M4**	296
	1.5	940	858	8660	0.85	**TFA 68 / TRF38**	**MY 63M4**	296
	1.8	830	755	10200	1.00	**TFAF 68 / TRF38**	**MY 63M4**	296
	2.1	705	641	11200	1.15	**TF 68 / TRF38**	**MY 63M4**	296
	2.3	645	572	11600	1.25	**TFF 68 / TRF38**	**MY 63M4**	296
	2.6	560	509	12100	1.45			
	3.0	480	437	12500	1.70			
	3.4	435	384	12700	1.90			
	2.6	580	500	12000	1.40	**TFA 68 / TRF38**	**MY 63M4**	296
	2.9	530	454	12300	1.55	**TFAF 68 / TRF38**	**MY 63M4**	296
	3.4	455	392	12600	1.80	**TF 68 / TRF38**	**MY 63M4**	296
	4.0	380	333	12900	2.2	**TFF 68 / TRF38**	**MY 63M4**	296
	4.4	335	297	13000	2.4			
	5.1	295	261	13000	2.8			
	5.5	265	238	13000	3.1			
	6.6	220	200	13000	3.7			
	2.4	640	558	7570	0.95	**TFA 58 / TRF38**	**MY 63M4**	296
	2.6	570	506	9420	1.05	**TFAF 58 / TRF38**	**MY 63M4**	296
	2.9	500	452	9930	1.20	**TF 58 / TRF38**	**MY 63M4**	296
	3.4	425	386	10400	1.40	**TFF 58 / TRF38**	**MY 63M4**	296
	3.9	370	338	10700	1.60			
	3.1	500	426	9910	1.20	**TFA 58 / TRF38**	**MY 63M4**	296
	3.5	445	382	10300	1.35	**TFAF 58 / TRF38**	**MY 63M4**	296
	4.0	380	330	10700	1.55	**TF 58 / TRF38**	**MY 63M4**	296
	4.4	345	298	10900	1.75	**TFF 58 / TRF38**	**MY 63M4**	296
	5.0	305	262	11100	2.0			
	5.8	255	226	11400	2.3			
	6.6	225	200	11500	2.7			

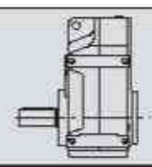
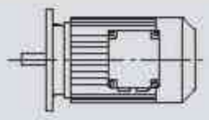
P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	Fr_2 [N]	fs			Page
0.18	3.6	410	370	5210	0.95	**TFA**	**48 / TRF18**	**MY 63M4**	296
	4.1	375	324	6250	1.05	**TFAF**	**48 / TRF18**	**MY 63M4**	296
	4.6	325	288	6810	1.20	**TF**	**48 / TRF18**	**MY 63M4**	296
	5.3	280	249	7250	1.45	**TFF**	**48 / TRF18**	**MY 63M4**	296
	4.0	385	334	6100	1.05	**TFA**	**48 / TRF18**	**MY 63M4**	296
	4.5	340	295	6680	1.20	**TFAF**	**48 / TRF18**	**MY 63M4**	296
	5.2	285	253	7190	1.40	**TF**	**48 / TRF18**	**MY 63M4**	296
	6.1	255	217	7430	1.55	**TFF**	**48 / TRF18**	**MY 63M4**	296
	7.0	220	190	7650	1.80				
	7.4	205	178	7740	1.95				
	7.1	215	186	4060	0.95	**TFA**	**38 / TRF18**	**MY 63M4**	296
	7.9	194	167	4380	1.05	**TFAF**	**38 / TRF18**	**MY 63M4**	296
	9.1	171	145	4660	1.15	**TF**	**38 / TRF18**	**MY 63M4**	296
	10	151	129	4870	1.30	**TFF**	**38 / TRF18**	**MY 63M4**	296
	9.3	166	142	4500	0.80	**TFA**	**28 / TRF18**	**MY 63M4**	296
	11	144	124	4500	0.90	**TFAF**	**28 / TRF18**	**MY 63M4**	296
	12	126	109	4500	1.05	**TF**	**28 / TRF18**	**MY 63M4**	296
	14	110	96	4500	1.20	**TFF**	**28 / TRF18**	**MY 63M4**	296
	3.1	555	281.71	19600	2.7	**TFA**	**78**	**MY 63L6**	274
	3.3	520	262.93	19700	2.9	**TFAF**	**78**	**MY 63L6**	273
	3.9	445	225.79	19800	3.4	**TF**	**78**	**MY 63L6**	272
						TFF	**78**	**MY 63L6**	273
	3.8	450	228.99	12600	1.80	**TFA**	**68**	**MY 63L6**	270
	4.5	385	195.39	12900	2.1	**TFAF**	**68**	**MY 63L6**	269
	5.1	340	170.85	13000	2.4	**TF**	**68**	**MY 63L6**	268
						TFF	**68**	**MY 63L6**	269
	5.8	300	228.99	13000	2.8	**TFA**	**68**	**MY 63M4**	270
	6.8	255	195.39	13000	3.2	**TFAF**	**68**	**MY 63M4**	269
	7.7	225	170.85	13000	3.7	**TF**	**68**	**MY 63M4**	268
						TFF	**68**	**MY 63M4**	269
	4.4	395	199.70	10600	1.50	**TFA**	**58**	**MY 63L6**	266
	4.7	365	183.60	10800	1.65	**TFAF**	**58**	**MY 63L6**	265
	5.5	310	157.09	11100	1.95	**TF**	**58**	**MY 63L6**	264
	6.4	270	136.16	11300	2.2	**TFF**	**58**	**MY 63L6**	265
	6.8	250	127.27	11400	2.4				
	7.9	215	110.01	11500	2.8				
	6.6	260	199.70	11300	2.3	**TFA**	**58**	**MY 63M4**	266
	7.2	240	183.60	11500	2.5	**TFAF**	**58**	**MY 63M4**	265
	8.4	205	157.09	11500	2.9	**TF**	**58**	**MY 63M4**	264
	9.7	177	136.16	11500	3.4	**TFF**	**58**	**MY 63M4**	265
	10	166	127.27	11500	3.6				
	4.6	375	190.76	6240	1.05	**TFA**	**48**	**MY 63L6**	262
	5.0	345	175.38	6600	1.15	**TFAF**	**48**	**MY 63L6**	261
	5.8	295	150.06	7090	1.35	**TF**	**48**	**MY 63L6**	260
	6.7	255	130.07	7410	1.55	**TFF**	**48**	**MY 63L6**	261
	7.2	240	121.57	7530	1.65				
	6.9	250	190.76	7470	1.60	**TFA**	**48**	**MY 63M4**	262
	7.5	230	175.38	7610	1.75	**TFAF**	**48**	**MY 63M4**	261
	8.8	195	150.06	7800	2.1	**TF**	**48**	**MY 63M4**	260
	10	169	130.07	7920	2.4	**TFF**	**48**	**MY 63M4**	261
	11	158	121.57	7970	2.5				
	7.4	235	117.88	3750	0.85	**TFA**	**38**	**MY 63L6**	258
	8.7	198	100.36	4320	1.00	**TFAF**	**38**	**MY 63L6**	257
	10	171	86.53	4660	1.15	**TF**	**38**	**MY 63L6**	256
	11	159	80.65	4790	1.25	**TFF**	**38**	**MY 63L6**	257
	12	139	70.50	4970	1.45				
	10	167	128.51	4700	1.20	**TFA**	**38**	**MY 63M4**	258
	11	154	117.88	4850	1.30	**TFAF**	**38**	**MY 63M4**	257
	13	131	100.36	5050	1.55	**TF**	**38**	**MY 63M4**	256
	15	113	86.53	5180	1.75	**TFF**	**38**	**MY 63M4**	257
	16	105	80.65	5230	1.90				
	19	92	70.50	5300	2.2				
	20	86	66.09	5330	2.3				
	23	76	58.32	5380	2.6				

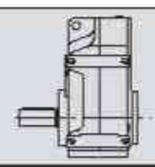
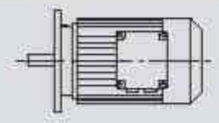
P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	Fr_2 [N]	fs			Page
0.18	12	143	109.9	4500	0.90	**TFA 28**	**MY 63M4**	254
	14	123	94.76	4500	1.05	**TFAF 28**	**MY 63M4**	253
	15	115	88.32	4500	1.15	**TF 28**	**MY 63M4**	252
	17	101	77.21	4500	1.30	**TFF 28**	**MY 63M4**	253
	18	94	72.37	4500	1.40			
	21	83	63.86	4500	1.55			
	23	74	56.62	4500	1.75			
	26	65	50.19	4500	2.0			
	28	61	46.78	4500	2.1			
	32	53	40.89	4410	2.4			
	34	50	38.33	4340	2.6			
	39	44	33.83	4200	3.0			
	45	39	29.56	4040	3.4	**TFA 28**	**MY 63M4**	254
	49	35	27.18	3950	3.7	**TFAF 28**	**MY 63M4**	253
	57	30	23.25	3780	4.3	**TF 28**	**MY 63M4**	252
	65	26	20.15	3630	5.0	**TFF 28**	**MY 63M4**	253
	70	25	18.84	3560	5.3			
	81	21	16.28	3410	6.1			
	95	18	13.84	3240	7.2	**TFA 28**	**MY 63M4**	254
	107	16	12.35	3140	8.1	**TFAF 28**	**MY 63M4**	253
	125	14	10.55	2990	9.5	**TF 28**	**MY 63M4**	252
	134	13	9.88	2930	10	**TFF 28**	**MY 63M4**	253
	140	12	9.4	2870	11			
	162	11	8.13	2750	12			
	191	9	6.91	2610	13			
	214	8	6.17	2520	14			
	251	6.9	5.27	2400	15			
	268	6.4	4.93	2350	15			
	318	5.4	4.16	2230	16			
	335	5.1	8.13	2190	24	**TFA 28**	**MY 63S2**	254
	394	4.4	6.91	2080	26	**TFAF 28**	**MY 63S2**	253
	441	3.9	6.17	2010	28	**TF 28**	**MY 63S2**	252
	516	3.3	5.27	1910	30	**TFF 28**	**MY 63S2**	253
	551	3.1	4.93	1870	31			
	655	2.6	4.16	1770	34			
0.25	0.15	13300	8831	87900	0.90	**TFA 128 / TRF78**	**MY 63L4**	296
	0.17	11500	7643	90000	1.05	**TFAF 128 / TRF78**	**MY 63L4**	296
	0.19	10500	6715	90000	1.15	**TF 128 / TRF78**	**MY 63L4**	296
	0.22	9240	5925	90000	1.30	**TFF 128 / TRF78**	**MY 63L4**	296
	0.25	7950	5153	90000	1.50			
	0.29	6890	4533	90000	1.75			
	0.22	9050	5954	46000	0.85	**TFA 108 / TRF78**	**MY 63L4**	296
	0.25	7890	5223	49300	0.95	**TFAF 108 / TRF78**	**MY 63L4**	296
	0.28	7120	4567	51300	1.10	**TF 108 / TRF78**	**MY 63L4**	296
	0.37	5430	3521	55300	1.40	**TFF 108 / TRF78**	**MY 63L4**	296
	0.43	4790	3037	56800	1.60	**TFA 108 / TRF78**	**MY 63L4**	296
	0.47	4340	2756	57700	1.75	**TFAF 108 / TRF78**	**MY 63L4**	296
	0.55	3730	2369	59000	2.1	**TF 108 / TRF78**	**MY 63L4**	296
	0.63	3260	2068	59900	2.4	**TFF 108 / TRF78**	**MY 63L4**	296
	0.81	2490	1597	61300	3.1			
	0.93	2160	1401	61900	3.6			
	0.45	4680	2907	27500	0.90	**TFA 98 / TRF58**	**MY 63L4**	296
	0.51	4180	2553	30300	1.05	**TFAF 98 / TRF58**	**MY 63L4**	296
	0.58	3680	2245	31600	1.15	**TF 98 / TRF58**	**MY 63L4**	296
	0.66	3200	1970	32800	1.35	**TFF 98 / TRF58**	**MY 63L4**	296
	0.75	2820	1722	33700	1.50			
	0.85	2500	1527	34400	1.70			
	0.98	2100	1327	35200	2.1			
	1.1	1920	1171	35500	2.2			
	1.3	1680	1022	36000	2.6			
	0.67	3140	1930	13500	0.95	**TFA 88 / TRF58**	**MY 63L4**	296
	0.76	2800	1709	23700	1.05	**TFAF 88 / TRF58**	**MY 63L4**	296
	0.87	2450	1493	25000	1.25	**TF 88 / TRF58**	**MY 63L4**	296
	1.0	2050	1300	26300	1.45	**TFF 88 / TRF58**	**MY 63L4**	296

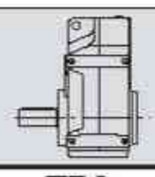
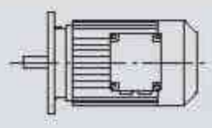
P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	Fr_2 [N]	fs			Page
0.25	1.1	1830	1148	26900	1.65	**TFA**	**88 / TRF58**	**MY 63L4**	296
	1.3	1600	1010	27600	1.90	**TFAF**	**88 / TRF58**	**MY 63L4**	296
	1.5	1420	887	28000	2.1	**TF**	**88 / TRF58**	**MY 63L4**	296
	1.7	1230	780	28500	2.4	**TFF**	**88 / TRF58**	**MY 63L4**	296
	1.9	1050	674	28900	2.9				
	1.2	1740	1053	13900	0.85	**TFA**	**78 / TRF38**	**MY 63L4**	296
	1.4	1500	910	15700	1.00	**TFAF**	**78 / TRF38**	**MY 63L4**	296
	1.6	1300	810	16900	1.15	**TF**	**78 / TRF38**	**MY 63L4**	296
	1.8	1140	710	17700	1.30	**TFF**	**78 / TRF38**	**MY 63L4**	296
	2.1	1000	615	18300	1.50	**TFA**	**78 / TRF38**	**MY 63L4**	296
	2.4	880	538	18700	1.70	**TFAF**	**78 / TRF38**	**MY 63L4**	296
	2.7	780	480	19000	1.95	**TF**	**78 / TRF38**	**MY 63L4**	296
	3.1	660	413	19400	2.3	**TFF**	**78 / TRF38**	**MY 63L4**	296
	2.3	930	572	9150	0.90	**TFA**	**68 / TRF38**	**MY 63L4**	296
	2.6	810	509	10400	1.00	**TFAF**	**68 / TRF38**	**MY 63L4**	296
	3.0	700	437	11200	1.15	**TF**	**68 / TRF38**	**MY 63L4**	296
						TFF	**68 / TRF38**	**MY 63L4**	296
	2.6	830	500	10200	1.00	**TFA**	**68 / TRF38**	**MY 63L4**	296
	2.9	760	454	10800	1.10	**TFAF**	**68 / TRF38**	**MY 63L4**	296
	3.3	655	392	11600	1.25	**TF**	**68 / TRF38**	**MY 63L4**	296
	3.9	550	333	12200	1.50	**TFF**	**68 / TRF38**	**MY 63L4**	296
	4.4	490	297	12500	1.70				
	5.0	430	261	12700	1.90				
	5.5	385	238	12900	2.1				
	3.4	620	386	8830	0.95	**TFA**	**58 / TRF38**	**MY 63L4**	296
	3.9	540	338	9640	1.10	**TFAF**	**58 / TRF38**	**MY 63L4**	296
	5.1	410	255	10500	1.45	**TF**	**58 / TRF38**	**MY 63L4**	296
						TFF	**58 / TRF38**	**MY 63L4**	296
	3.4	640	382	7390	0.95	**TFA**	**58 / TRF38**	**MY 63L4**	296
	3.9	550	330	9570	1.10	**TFAF**	**58 / TRF38**	**MY 63L4**	296
	4.4	495	298	9950	1.20	**TF**	**58 / TRF38**	**MY 63L4**	296
	5.0	435	262	10300	1.35	**TFF**	**58 / TRF38**	**MY 63L4**	296
	5.8	370	226	10700	1.60				
	6.5	325	200	11000	1.85				
	7.7	275	170	11300	2.2				
	5.2	405	249	5880	1.00	**TFA**	**48 / TRF18**	**MY 63L4**	296
	6.0	360	218	6470	1.10	**TFAF**	**48 / TRF18**	**MY 63L4**	296
	6.7	315	193	6920	1.25	**TF**	**48 / TRF18**	**MY 63L4**	296
	7.5	285	175	7180	1.40	**TFF**	**48 / TRF18**	**MY 63L4**	296
	5.1	415	253	4980	0.95	**TFA**	**48 / TRF18**	**MY 63L4**	296
	6.0	365	217	6380	1.10	**TFAF**	**48 / TRF18**	**MY 63L4**	296
	6.9	320	190	6900	1.25	**TF**	**48 / TRF18**	**MY 63L4**	296
	7.3	295	178	7090	1.35	**TFF**	**48 / TRF18**	**MY 63L4**	296
	8.7	250	149	7480	1.60				
	9.9	215	131	7670	1.85				
	8.9	245	145	3420	0.80	**TFA**	**38 / TRF18**	**MY 63L4**	296
	10	215	129	4040	0.90	**TFAF**	**38 / TRF18**	**MY 63L4**	296
	11	198	118	4320	1.00	**TF**	**38 / TRF18**	**MY 63L4**	296
	13	164	98	4740	1.20	**TFF**	**38 / TRF18**	**MY 63L4**	296
	15	144	87	4940	1.40				
	3.1	765	281.71	19100	1.95	**TFA**	**78**	**MY 71D6**	274
	3.4	715	262.93	19200	2.1	**TFAF**	**78**	**MY 71D6**	273
	3.9	615	225.79	19500	2.5	**TF**	**78**	**MY 71D6**	272
	4.4	540	198.31	19600	2.8	**TFF**	**78**	**MY 71D6**	273
	4.7	510	188.40	19700	2.9				
	3.8	620	228.99	11800	1.30	**TFA**	**68**	**MY 71D6**	270
	4.5	530	195.39	12300	1.55	**TFAF**	**68**	**MY 71D6**	269
	5.2	465	170.85	12600	1.75	**TF**	**68**	**MY 71D6**	268
	5.4	440	162.31	12700	1.85	**TFF**	**68**	**MY 71D6**	269
	6.2	385	142.40	12900	2.1				

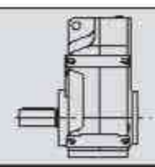
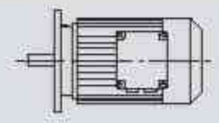
P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	Fr_2 [N]	fs			Page
0.25	5.7	420	228.99	12700	1.95	**TFA 68**	**MY 63L4**	270
	6.7	360	195.39	13000	2.3	**TFAF 68**	**MY 63L4**	269
	7.6	315	170.85	13000	2.6	**TF 68**	**MY 63L4**	268
	8.0	300	162.31	13000	2.8	**TFF 68**	**MY 63L4**	269
	9.1	260	142.40	13000	3.1			
	4.4	540	199.70	9630	1.10	**TFA 58**	**MY 71D6**	266
	4.8	500	183.60	9940	1.20	**TFAF 58**	**MY 71D6**	265
	5.6	425	157.09	10400	1.40	**TF 58**	**MY 71D6**	264
	6.5	370	136.16	10800	1.60	**TFF 58**	**MY 71D6**	265
	6.9	345	127.27	10900	1.75			
	8.0	300	110.01	11100	2.0			
	6.5	365	199.70	10800	1.65	**TFA 58**	**MY 63L4**	266
	7.1	335	183.60	10900	1.80	**TFAF 58**	**MY 63L4**	265
	8.3	290	157.09	11200	2.1	**TF 58**	**MY 63L4**	264
	9.6	250	136.16	11400	2.4	**TFF 58**	**MY 63L4**	265
	10	235	127.27	11500	2.6			
	12	200	110.01	11500	3.0			
	5.9	405	150.06	5750	1.00	**TFA 48**	**MY 71D6**	262
	6.8	355	130.07	6530	1.15	**TFAF 48**	**MY 71D6**	261
	7.2	330	121.57	6770	1.20	**TF 48**	**MY 71D6**	260
	8.4	285	105.09	7190	1.40	**TFF 48**	**MY 71D6**	261
	6.8	350	190.76	6550	1.15	**TFA 48**	**MY 63L4**	262
	7.4	320	175.38	6850	1.25	**TFAF 48**	**MY 63L4**	261
	8.7	275	150.06	7270	1.45	**TF 48**	**MY 63L4**	260
	10	240	130.07	7540	1.65	**TFF 48**	**MY 63L4**	261
	11	225	121.57	7640	1.80			
	12	193	105.09	7810	2.1			
	15	164	89.29	7950	2.4			
	10	235	128.51	3690	0.85	**TFA 38**	**MY 63L4**	258
	11	215	117.88	4040	0.90	**TFAF 38**	**MY 63L4**	257
	13	184	100.36	4500	1.10	**TF 38**	**MY 63L4**	256
	15	159	86.53	4790	1.25	**TFF 38**	**MY 63L4**	257
	16	148	80.65	4900	1.35			
	18	130	70.50	5060	1.55			
	20	121	66.09	5120	1.65			
	22	107	58.32	5210	1.85			
	24	100	54.54	5260	2.0			
	25	95	51.70	5280	2.1			
	28	86	47.02	5330	2.3			
	30	81	43.83	5360	2.5			
	34	70	38.31	5400	2.8			
	36	66	35.91	5420	3.0			
	41	58	31.69	5450	3.4			
	17	142	77.21	4500	0.90	**TFA 28**	**MY 63L4**	254
	18	133	72.37	4500	1.00	**TFAF 28**	**MY 63L4**	253
	20	117	63.86	4500	1.10	**TF 28**	**MY 63L4**	252
	23	104	56.62	4500	1.25	**TFF 28**	**MY 63L4**	253
	26	92	50.19	4440	1.40			
	28	86	46.78	4370	1.50			
	32	75	40.89	4240	1.75			
	34	70	38.33	4180	1.85			
	38	62	33.83	4060	2.1			
	44	54	29.56	3930	2.4	**TFA 28**	**MY 63L4**	254
	48	50	27.18	3840	2.6	**TFAF 28**	**MY 63L4**	253
	56	43	23.25	3690	3.0	**TF 28**	**MY 63L4**	252
	65	37	20.15	3550	3.5	**TFF 28**	**MY 63L4**	253
	69	35	18.84	3490	3.8			
	80	30	16.28	3350	4.4			
	94	25	13.84	3200	5.1			
	105	23	12.35	3090	5.7			
	123	19	10.55	2950	6.7			

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	Fr_2 [N]	fs			Page
0.25	132	18	9.88	2900	7.2	**TFA 28**	**MY 63L4**	254
	138	17	9.40	2840	7.5	**TFAF 28**	**MY 63L4**	253
	160	15	8.13	2720	8.3	**TF 28**	**MY 63L4**	252
	188	13	6.91	2590	9.0	**TFF 28**	**MY 63L4**	253
	211	11	6.17	2500	9.7			
	247	9.7	5.27	2380	10			
	264	9.1	4.93	2340	11			
	313	7.6	4.16	2220	11			
	327	7.3	8.13	2190	17	**TFA 28**	**MY 63M2**	254
	385	6.2	6.91	2080	18	**TFAF 28**	**MY 63M2**	253
	431	5.5	6.17	2000	20	**TF 28**	**MY 63M2**	252
	505	4.7	5.27	1910	21	**TFF 28**	**MY 63M2**	253
	539	4.4	4.93	1870	22			
	640	3.7	4.16	1770	24			
0.37	0.21	15000	6715	84600	0.80	**TFA 128 / TRF78**	**MY 71D4**	296
	0.23	13200	5925	88100	0.90	**TFAF 128 / TRF78**	**MY 71D4**	296
	0.27	11400	5153	90000	1.05	**TF 128 / TRF78**	**MY 71D4**	296
	0.30	9930	4533	90000	1.20	**TFF 128 / TRF78**	**MY 71D4**	296
	0.35	8690	3926	90000	1.40			
	0.40	7570	3454	90000	1.60			
	0.46	6610	3031	90000	1.80			
	0.45	6850	3037	52000	1.10	**TFA 108 / TRF78**	**MY 71D4**	296
	0.50	6220	2756	53500	1.25	**TFAF 108 / TRF78**	**MY 71D4**	296
	0.58	5350	2369	55500	1.45	**TF 108 / TRF78**	**MY 71D4**	296
	0.67	4670	2068	57000	1.65	**TFF 108 / TRF78**	**MY 71D4**	296
	0.86	3580	1597	59300	2.2			
	0.70	4540	1970	29200	0.95	**TFA 98 / TRF58**	**MY 71D4**	296
	0.80	4000	1722	30800	1.10	**TFAF 98 / TRF58**	**MY 71D4**	296
	0.90	3550	1527	32000	1.20	**TF 98 / TRF58**	**MY 71D4**	296
	1.0	3000	1327	33300	1.45	**TFF 98 / TRF58**	**MY 71D4**	296
	1.2	2720	1171	33900	1.60			
	1.4	2370	1022	34700	1.80			
	1.5	2000	898	35400	2.1			
	1.1	2940	1300	22000	1.00	**TFA 88 / TRF58**	**MY 71D4**	296
	1.2	2620	1148	24400	1.15	**TFAF 88 / TRF58**	**MY 71D4**	296
	1.4	2280	1010	25600	1.30	**TF 88 / TRF58**	**MY 71D4**	296
	1.6	2020	887	26400	1.50	**TFF 88 / TRF58**	**MY 71D4**	296
	1.8	1760	780	27100	1.70			
	2.0	1500	674	27800	2.0			
	2.3	1380	609	28100	2.2			
	2.7	1160	515	28600	2.6			
	3.1	1020	452	28900	2.9			
	1.7	1850	810	11300	0.80	**TFA 78 / TRF38**	**MY 71D4**	296
	1.9	1620	710	14900	0.95	**TFAF 78 / TRF38**	**MY 71D4**	296
	2.2	1420	615	16200	1.05	**TF 78 / TRF38**	**MY 71D4**	296
	2.6	1240	538	17200	1.20	**TFF 78 / TRF38**	**MY 71D4**	296
	2.9	1110	480	17900	1.35			
	3.4	940	413	18500	1.60			
	3.8	840	367	18900	1.80			
	4.3	750	323	19100	2.0			
	3.6	890	384	9670	0.95	**TFA 68 / TRF38**	**MY 71D4**	296
	4.1	785	338	10600	1.05	**TFAF 68 / TRF38**	**MY 71D4**	296
	4.5	705	305	11200	1.15	**TF 68 / TRF38**	**MY 71D4**	296
	5.4	590	257	11900	1.40	**TFF 68 / TRF38**	**MY 71D4**	296
	6.0	525	231	12300	1.55			
	5.4	585	255	9330	1.05	**TFA 58 / TRF38**	**MY 71D4**	296
	6.9	455	201	10200	1.30	**TFAF 58 / TRF38**	**MY 71D4**	296
	7.6	415	181	10500	1.45	**TF 58 / TRF38**	**MY 71D4**	296
						TFF 58 / TRF38	**MY 71D4**	296
	5.3	620	262	9070	0.95	**TFA 58 / TRF38**	**MY 71D4**	296
	6.1	525	226	9740	1.15	**TFAF 58 / TRF38**	**MY 71D4**	296
	6.9	465	200	10200	1.30	**TF 58 / TRF38**	**MY 71D4**	296
	8.1	395	170	10600	1.50	**TFF 58 / TRF38**	**MY 71D4**	296

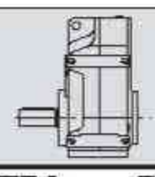
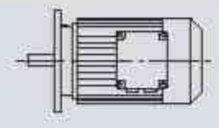
P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	Fr_2 [N]	fs			Page
0.37	9.1	350	152	10900	1.70	**TFA 58 / TRF38**	**MY 71D4**	296
	10	310	134	11100	1.95	**TFAF 58 / TRF38**	**MY 71D4**	296
						TF 58 / TRF38	**MY 71D4**	296
						TFF 58 / TRF38	**MY 71D4**	296
	7.9	405	175	5860	1.00	**TFA 48 / TRF18**	**MY 71D4**	296
	9.4	340	147	6660	1.15	**TFAF 48 / TRF18**	**MY 71D4**	296
	11	300	130	7050	1.35	**TF 48 / TRF18**	**MY 71D4**	296
						TFF 48 / TRF18	**MY 71D4**	296
	2.5	1410	270.68	28100	2.1	**TFA 88**	**MY 90S8**	278
	2.7	1330	255.37	28200	2.3	**TFAF 88**	**MY 90S8**	277
	3.0	1190	228.93	28600	2.5	**TF 88**	**MY 90S8**	276
	3.5	1020	197.20	28900	2.9	**TFF 88**	**MY 90S8**	277
	3.3	1060	270.68	28800	2.8	**TFA 88**	**MY 80K6**	278
	3.5	1000	255.37	29000	3.0	**TFAF 88**	**MY 80K6**	277
	3.9	900	228.93	29200	3.3	**TF 88**	**MY 80K6**	276
						TFF 88	**MY 80K6**	277
	4.0	890	225.79	18700	1.70	**TFA 78**	**MY 80K6**	274
	4.5	780	198.31	19100	1.95	**TFAF 78**	**MY 80K6**	273
	4.8	740	188.40	19200	2.0	**TF 78**	**MY 80K6**	272
	5.4	655	166.47	19400	2.3	**TFF 78**	**MY 80K6**	273
	6.3	560	142.27	19600	2.7			
	4.9	720	281.71	19200	2.1	**TFA 78**	**MY 71D4**	274
	5.2	675	262.93	19300	2.2	**TFAF 78**	**MY 71D4**	273
	6.1	580	225.79	19500	2.6	**TF 78**	**MY 71D4**	272
	7.0	510	198.31	19700	3.0	**TFF 78**	**MY 71D4**	273
	4.6	765	195.39	10800	1.05	**TFA 68**	**MY 80K6**	270
	5.3	670	170.85	11500	1.20	**TFAF 68**	**MY 80K6**	269
	5.5	635	162.31	11700	1.30	**TF 68**	**MY 80K6**	268
	6.3	560	142.40	12100	1.45	**TFF 68**	**MY 80K6**	269
	7.5	475	120.79	12500	1.75			
	6.0	585	228.99	12000	1.40	**TFA 68**	**MY 71D4**	270
	7.1	500	195.39	12400	1.65	**TFAF 68**	**MY 71D4**	269
	8.1	435	170.85	12700	1.85	**TF 68**	**MY 71D4**	268
	8.5	415	162.31	12800	1.95	**TFF 68**	**MY 71D4**	269
	9.7	365	142.40	12900	2.3			
	11	310	120.79	13000	2.7			
	5.7	615	157.09	9070	0.95	**TFA 58**	**MY 80K6**	266
	6.6	535	136.16	9680	1.10	**TFAF 58**	**MY 80K6**	265
	7.1	500	127.27	9930	1.20	**TF 58**	**MY 80K6**	264
	8.2	430	110.01	10400	1.40	**TFF 58**	**MY 80K6**	265
	6.9	510	199.70	9850	1.15	**TFA 58**	**MY 71D4**	266
	7.5	470	183.60	10100	1.30	**TFAF 58**	**MY 71D4**	265
	8.8	400	157.09	10600	1.50	**TF 58**	**MY 71D4**	264
	10	350	136.16	10900	1.70	**TFF 58**	**MY 71D4**	265
	11	325	127.27	11000	1.85			
	13	280	110.01	11200	2.1			
	15	240	93.47	11500	2.5			
	17	215	83.46	11500	2.8			
	9.2	385	150.06	6140	1.05	**TFA 48**	**MY 71D4**	262
	11	335	130.07	6740	1.20	**TFAF 48**	**MY 71D4**	261
	13	270	105.09	7320	1.50	**TF 48**	**MY 71D4**	260
	15	230	89.29	7600	1.75	**TFF 48**	**MY 71D4**	261
	17	205	79.72	7750	1.95			
	20	174	68.09	7900	2.3			
	21	167	65.36	7930	2.4			
	16	220	86.53	3960	0.90	**TFA 38**	**MY 71D4**	258
	17	205	80.65	4200	0.95	**TFAF 38**	**MY 71D4**	257
	20	181	70.50	4550	1.10	**TF 38**	**MY 71D4**	256
	21	169	66.09	4680	1.20	**TFF 38**	**MY 71D4**	257
	24	149	58.32	4890	1.35			
	25	140	54.54	4970	1.45			
	27	132	51.70	5030	1.50			
	29	120	47.02	5120	1.65			

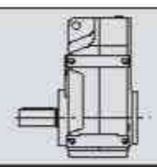
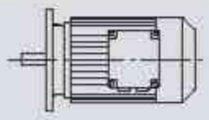
P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	Fr_2 [N]	fs			Page
0.37	31	112	43.83	5180	1.80	**TFA 38**	**MY 71D4**	258
	36	98	38.31	5270	2.0	**TFAF 38**	**MY 71D4**	257
	38	92	35.91	5300	2.2	**TF 38**	**MY 71D4**	256
	44	81	31.69	5300	2.5	**TFF 38**	**MY 71D4**	257
	49	72	28.09	5140	2.8			
	58	61	23.88	4930	3.3			
	24	145	56.62	4080	0.90	**TFA 28**	**MY 71D4**	254
	28	129	50.19	4010	1.00	**TFAF 28**	**MY 71D4**	253
	30	120	46.78	3970	1.10	**TF 28**	**MY 71D4**	252
	34	105	40.89	3880	1.25	**TFF 28**	**MY 71D4**	253
	36	98	38.33	3840	1.35			
	41	87	33.83	3750	1.50			
	47	76	29.56	3650	1.70	**TFA 28**	**MY 71D4**	254
	51	70	27.18	3580	1.85	**TFAF 28**	**MY 71D4**	253
	59	60	23.25	3460	2.2	**TF 28**	**MY 71D4**	252
	68	52	20.15	3340	2.5	**TFF 28**	**MY 71D4**	253
	73	48	18.84	3290	2.7			
	85	42	16.28	3170	3.1			
	100	35	13.84	3040	3.7			
	112	32	12.35	2950	4.1			
	131	27	10.55	2820	4.8			
	140	25	9.88	2770	5.1			
	147	24	9.40	2710	5.4			
	170	21	8.13	2600	5.9			
	200	18	6.91	2490	6.4			
	224	16	6.17	2410	6.9			
	262	14	5.27	2300	7.4			
	280	13	4.93	2250	7.6			
	332	11	4.16	2140	8.2			
	326	11	8.13	2150	11	**TFA 28**	**MY 63L2**	254
	384	9.2	6.91	2050	12	**TFAF 28**	**MY 63L2**	253
	430	8.2	6.17	1980	13	**TF 28**	**MY 63L2**	252
	503	7.0	5.27	1890	14	**TFF 28**	**MY 63L2**	253
	537	6.6	4.93	1850	15			
	638	5.5	4.16	1750	16			
0.55	0.22	20500	6295	91800	0.90	**TFA 158 / TRF98**	**MY 80K4**	296
	0.25	17200	5404	102700	1.05	**TFAF 158 / TRF98**	**MY 80K4**	296
	0.49	8820	2780	118800	2.0	**TF 158 / TRF98**	**MY 80K4**	296
						TFF 158 / TRF98	**MY 80K4**	296
	0.56	7800	2427	120000	2.3	**TFA 158 / TRF98**	**MY 80K4**	296
	0.81	5530	1674	120000	3.3	**TFAF 158 / TRF98**	**MY 80K4**	296
	1.0	4270	1308	120000	4.2	**TF 158 / TRF98**	**MY 80K4**	296
	1.2	3750	1169	120000	4.8	**TFF 158 / TRF98**	**MY 80K4**	296
	0.35	13400	3926	87700	0.90	**TFA 128 / TRF78**	**MY 80K4**	296
	0.39	11800	3454	90000	1.00	**TFAF 128 / TRF78**	**MY 80K4**	296
	0.45	10300	3031	90000	1.15	**TF 128 / TRF78**	**MY 80K4**	296
						TFF 128 / TRF78	**MY 80K4**	296
	0.57	8250	2369	48300	0.95	**TFA 108 / TRF78**	**MY 80K4**	296
	0.66	7200	2068	51100	1.05	**TFAF 108 / TRF78**	**MY 80K4**	296
	0.74	6190	1826	53600	1.25	**TF 108 / TRF78**	**MY 80K4**	296
	0.85	5540	1597	55100	1.40	**TFF 108 / TRF78**	**MY 80K4**	296
	0.97	4830	1401	56700	1.60			
	1.1	4220	1243	58000	1.80			
	1.2	3770	1087	58900	2.0			
	1.4	3220	950	60000	2.4			
	1.6	2800	834	60800	2.7			
	2.1	2180	640	61900	3.5			
	1.0	4630	1327	28900	0.95	**TFA 98 / TRF58**	**MY 80K4**	296
	1.2	4150	1171	30300	1.05	**TFAF 98 / TRF58**	**MY 80K4**	296
	1.3	3630	1022	31800	1.20	**TF 98 / TRF58**	**MY 80K4**	296
	1.5	3110	898	33100	1.40	**TFF 98 / TRF58**	**MY 80K4**	296
	1.7	2750	784	33900	1.55			
	2.0	2380	690	34600	1.80			

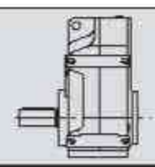
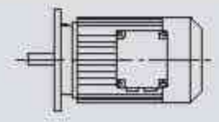
P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	Fr_2 [N]	fs			Page
0.55	2.2	2100	605	35200	2.1	**TFA**	**98 / TRF58**	**MY 80K4**	296
	2.6	1830	529	35700	2.4	**TFAF**	**98 / TRF58**	**MY 80K4**	296
	2.9	1610	467	36100	2.7	**TF**	**98 / TRF58**	**MY 80K4**	296
	3.4	1390	406	36500	3.1	**TFF**	**98 / TRF58**	**MY 80K4**	296
	3.7	1240	363	36700	3.5				
	1.5	3110	887	15200	0.95	**TFA**	**88 / TRF58**	**MY 80K4**	296
	1.7	2720	780	24000	1.10	**TFAF**	**88 / TRF58**	**MY 80K4**	296
	2.0	2330	674	25400	1.30	**TF**	**88 / TRF58**	**MY 80K4**	296
	2.2	2120	609	26100	1.40	**TFF**	**88 / TRF58**	**MY 80K4**	296
	2.6	1790	515	27000	1.70				
	3.0	1580	452	27600	1.90				
	3.9	1180	345	28600	2.5				
	2.8	1690	480	14300	0.90	**TFA**	**78 / TRF38**	**MY 80K4**	296
	3.3	1450	413	16100	1.05	**TFAF**	**78 / TRF38**	**MY 80K4**	296
	3.7	1290	367	17000	1.15	**TF**	**78 / TRF38**	**MY 80K4**	296
	4.2	1150	323	17700	1.30	**TFF**	**78 / TRF38**	**MY 80K4**	296
	5.3	910	257	9470	0.90	**TFA**	**68 / TRF38**	**MY 80K4**	296
	5.9	810	231	10400	1.00	**TFAF**	**68 / TRF38**	**MY 80K4**	296
	6.6	720	205	11100	1.15	**TF**	**68 / TRF38**	**MY 80K4**	296
	7.8	615	175	11800	1.35	**TFF**	**68 / TRF38**	**MY 80K4**	296
	2.5	2140	276.77	35100	2.0	**TFA**	**98**	**MY 90L8**	282
	2.7	1960	253.41	35500	2.2	**TFAF**	**98**	**MY 90L8**	281
	3.0	1730	223.88	35900	2.5	**TF**	**98**	**MY 90L8**	280
						TFF	**98**	**MY 90L8**	281
	2.5	2090	270.68	26200	1.45	**TFA**	**88**	**MY 90L8**	278
	2.7	1970	255.37	26500	1.50	**TFAF**	**88**	**MY 90L8**	277
	3.0	1770	228.93	27100	1.70	**TF**	**88**	**MY 90L8**	276
	3.5	1520	197.20	27800	1.95	**TFF**	**88**	**MY 90L8**	277
	3.3	1580	270.68	27600	1.90	**TFA**	**88**	**MY 80N6**	278
	3.5	1490	255.37	27800	2.0	**TFAF**	**88**	**MY 80N6**	277
	3.9	1340	228.93	28200	2.3	**TF**	**88**	**MY 80N6**	276
	4.6	1150	197.20	28700	2.6	**TFF**	**88**	**MY 80N6**	277
	5.0	1050	179.97	28900	2.9				
	4.0	1320	225.79	16800	1.15	**TFA**	**78**	**MY 80N6**	274
	4.5	1160	198.31	17600	1.30	**TFAF**	**78**	**MY 80N6**	273
	4.8	1100	188.40	17900	1.35	**TF**	**78**	**MY 80N6**	272
	5.4	970	166.47	18400	1.55	**TFF**	**78**	**MY 80N6**	273
	6.3	830	142.27	18900	1.80				
	6.9	760	130.42	19100	1.95				
	6.0	870	225.79	18800	1.70	**TFA**	**78**	**MY 80K4**	274
	6.9	765	198.31	19100	1.95	**TFAF**	**78**	**MY 80K4**	273
	7.2	730	188.40	19200	2.1	**TF**	**78**	**MY 80K4**	272
	8.2	645	166.47	19400	2.3	**TFF**	**78**	**MY 80K4**	273
	9.6	550	142.27	19600	2.7				
	10	505	130.42	19700	3.0				
	12	440	114.45	19800	3.4				
	13	420	108.46*	19800	3.6				
	14	365	94.93	19900	4.1				
	7.0	755	195.39	10900	1.10	**TFA**	**68**	**MY 80K4**	270
	8.0	660	170.85	11500	1.25	**TFAF**	**68**	**MY 80K4**	269
	8.4	625	162.31	11700	1.30	**TF**	**68**	**MY 80K4**	268
	9.6	550	142.40	12200	1.50	**TFF**	**68**	**MY 80K4**	269
	11	465	120.79	12600	1.75				
	12	420	109.04	12700	1.95				
	14	370	95.94	12900	2.2				
	15	350	90.59	13000	2.3				
	17	310	79.76	13000	2.7				
	8.7	605	157.09	9150	1.00	**TFA**	**58**	**MY 80K4**	266
	10	525	136.16	9750	1.15	**TFAF**	**58**	**MY 80K4**	265
	11	490	127.27	9980	1.20	**TF**	**58**	**MY 80K4**	264
	12	425	110.01	10400	1.40	**TFF**	**58**	**MY 80K4**	265
	15	360	93.47	10800	1.65				

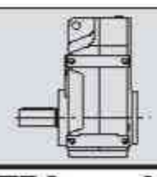
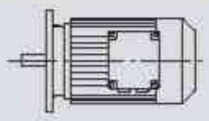
P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	Fr_2 [N]	fs			Page
0.55	16	320	83.46	11000	1.85	**TFA 58**	**MY 80K4**	266
	19	280	72.98	11200	2.1	**TFAF 58**	**MY 80K4**	265
	20	265	68.22	11300	2.3	**TF 58**	**MY 80K4**	264
	23	230	58.97	11500	2.6	**TFF 58**	**MY 80K4**	265
	13	405	105.09	5840	1.00	**TFA 48**	**MY 80K4**	262
	15	345	89.29	6620	1.15	**TFAF 48**	**MY 80K4**	261
	17	310	79.72	6990	1.30	**TF 48**	**MY 80K4**	260
	20	265	68.09	7370	1.50	**TFF 48**	**MY 80K4**	261
	21	250	65.36	7440	1.60			
	24	220	56.49	7670	1.85			
	28	185	48.00*	7850	2.2			
	32	166	42.86	7940	2.4			
	23	225	58.32	3890	0.90	**TFA 38**	**MY 80K4**	258
	25	210	54.54	4140	0.95	**TFAF 38**	**MY 80K4**	257
	26	200	51.70	4300	1.00	**TF 38**	**MY 80K4**	256
	29	182	47.02	4540	1.10	**TFF 38**	**MY 80K4**	257
	31	169	43.83	4680	1.20			
	36	148	38.31	4900	1.35			
	38	139	35.91	4980	1.45			
	43	122	31.69	4990	1.65			
	48	109	28.09	4870	1.85			
	57	92	23.88	4700	2.2			
	58	91	23.63	4690	2.2	**TFA 38**	**MY 80K4**	258
	66	79	20.57	4540	2.5	**TFAF 38**	**MY 80K4**	257
	71	74	19.27	4470	2.7	**TF 38**	**MY 80K4**	256
	80	66	17.03	4340	3.0	**TFF 38**	**MY 80K4**	257
	95	55	14.33	4150	3.6			
	35	150	77.21	3420	0.85	**TFA 28**	**MY 71D2**	254
	37	141	72.37	3410	0.90	**TFAF 28**	**MY 71D2**	253
	42	124	63.86	3360	1.05	**TF 28**	**MY 71D2**	252
	48	110	56.62	3310	1.20	**TFF 28**	**MY 71D2**	253
	54	98	50.19	3250	1.35			
	58	90	23.25	3210	1.45	**TFA 28**	**MY 80K4**	254
	67	78	20.15	3130	1.65	**TFAF 28**	**MY 80K4**	253
	72	73	18.84	3090	1.80	**TF 28**	**MY 80K4**	252
	84	63	16.28	3000	2.1	**TFF 28**	**MY 80K4**	253
	98	53	13.84	2900	2.4			
	110	48	12.35	2820	2.7			
	129	41	10.55	2720	3.2			
	138	38	9.88	2670	3.4			
	145	36	9.40	2610	3.6			
	167	31	8.13	2510	3.9			
	197	27	6.91	2410	4.3			
	221	24	6.17	2340	4.6			
	258	20	5.27	2240	4.9			
	276	19	4.93	2200	5.0			
	327	16	4.16	2100	5.4			
	332	16	8.13	2090	7.8	**TFA 28**	**MY 71D2**	254
	391	13	6.91	2000	8.5	**TFAF 28**	**MY 71D2**	253
	438	12	6.17	1930	9.1	**TF 28**	**MY 71D2**	252
	513	10	5.27	1840	9.8	**TFF 28**	**MY 71D2**	253
	547	9.6	4.93	1810	10			
	650	8.1	4.16	1720	11			
0.75	0.50	12200	2780	113700	1.45	**TFA 158 / TRF98**	**MY 80N4**	296
						TFAF 158 / TRF98	**MY 80N4**	296
						TF 158 / TRF98	**MY 80N4**	296
						TFF 158 / TRF98	**MY 80N4**	296
	0.57	10800	2427	116000	1.65	**TFA 158 / TRF98**	**MY 80N4**	296
	0.82	7630	1674	120000	2.4	**TFAF 158 / TRF98**	**MY 80N4**	296
	1.1	5910	1308	120000	3.1	**TF 158 / TRF98**	**MY 80N4**	296
	1.2	5210	1169	120000	3.5	**TFF 158 / TRF98**	**MY 80N4**	296

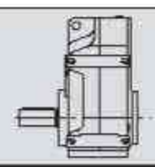
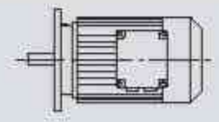
P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	Fr_2 [N]	fs				Page
0.75	0.46	14000	3031	86500	0.85	**TFA**	**128 / TRF78**	**MY 80N4**	296
						TFAF	**128 / TRF78**	**MY 80N4**	296
						TF	**128 / TRF78**	**MY 80N4**	296
						TFF	**128 / TRF78**	**MY 80N4**	296
	0.52	12600	2672	89200	0.95	**TFA**	**128 / TRF78**	**MY 80N4**	296
	0.59	11100	2357	90000	1.10	**TFAF**	**128 / TRF78**	**MY 80N4**	296
	0.68	9540	2038	90000	1.25	**TF**	**128 / TRF78**	**MY 80N4**	296
	0.77	8310	1784	90000	1.45	**TFF**	**128 / TRF78**	**MY 80N4**	296
	0.86	7450	1606	90000	1.60				
	0.76	8470	1826	47600	0.90	**TFA**	**108 / TRF78**	**MY 80N4**	296
	0.86	7530	1597	50200	1.00	**TFAF**	**108 / TRF78**	**MY 80N4**	296
	0.98	6580	1401	52600	1.15	**TF**	**108 / TRF78**	**MY 80N4**	296
	1.1	5770	1243	54600	1.35	**TFF**	**108 / TRF78**	**MY 80N4**	296
	1.3	5130	1087	56000	1.50				
	1.4	4410	950	57600	1.75				
	1.7	3840	834	58700	2.0				
	2.2	2980	640	60400	2.6				
	3.2	2030	436	62100	3.8				
	1.4	4900	1022	18500	0.90	**TFA**	**98 / TRF58**	**MY 80N4**	296
	1.5	4230	898	30100	1.00	**TFAF**	**98 / TRF58**	**MY 80N4**	296
	1.8	3730	784	31500	1.15	**TF**	**98 / TRF58**	**MY 80N4**	296
	2.0	3250	690	32700	1.30	**TFF**	**98 / TRF58**	**MY 80N4**	296
	2.3	2860	605	33600	1.50	**TFA**	**98 / TRF58**	**MY 80N4**	296
	2.6	2490	529	34400	1.75	**TFAF**	**98 / TRF58**	**MY 80N4**	296
	3.0	2200	467	35000	1.95	**TF**	**98 / TRF58**	**MY 80N4**	296
	3.4	1890	406	35600	2.3	**TFF**	**98 / TRF58**	**MY 80N4**	296
	3.8	1700	363	35900	2.5				
	2.0	3170	674	11300	0.95	**TFA**	**88 / TRF58**	**MY 80N4**	296
	2.3	2880	609	23400	1.05	**TFAF**	**88 / TRF58**	**MY 80N4**	296
	2.7	2430	515	25000	1.25	**TF**	**88 / TRF58**	**MY 80N4**	296
	3.1	2140	452	26000	1.40	**TFF**	**88 / TRF58**	**MY 80N4**	296
	4.0	1610	345	27500	1.85				
	3.8	1750	367	13800	0.85	**TFA**	**78 / TRF38**	**MY 80N4**	296
	4.3	1550	323	15400	0.95	**TFAF**	**78 / TRF38**	**MY 80N4**	296
	4.9	1340	280	16700	1.10	**TF**	**78 / TRF38**	**MY 80N4**	296
						TFF	**78 / TRF38**	**MY 80N4**	296
	2.7	2640	254.40*	61100	2.9	**TFA**	**108**	**MY 100M8**	286
						TFAF	**108**	**MY 100M8**	285
						TF	**108**	**MY 100M8**	284
						TFF	**108**	**MY 100M8**	285
	2.5	2870	276.77	33600	1.50	**TFA**	**98**	**MY 100M8**	282
	2.7	2630	253.41	34100	1.65	**TFAF**	**98**	**MY 100M8**	281
	3.1	2320	223.88	34800	1.85	**TF**	**98**	**MY 100M8**	280
						TFF	**98**	**MY 100M8**	281
	3.2	2200	276.77	35000	1.95	**TFA**	**98**	**MY 90S6**	282
	3.6	2020	253.41	35400	2.1	**TFAF**	**98**	**MY 90S6**	281
	4.0	1780	223.88	35800	2.4	**TF**	**98**	**MY 90S6**	280
						TFF	**98**	**MY 90S6**	281
	3.3	2150	270.68	26000	1.40	**TFA**	**88**	**MY 90S6**	278
	3.5	2030	255.37	26300	1.50	**TFAF**	**88**	**MY 90S6**	277
	3.9	1820	228.93	27000	1.65	**TF**	**88**	**MY 90S6**	276
	4.6	1570	197.20	27600	1.90	**TFF**	**88**	**MY 90S6**	277
	5.0	1430	179.97	28000	2.1				
	5.6	1270	159.61	28400	2.4				
	5.1	1400	270.68	28100	2.1	**TFA**	**88**	**MY 80N4**	278
	5.4	1330	255.37	28200	2.3	**TFAF**	**88**	**MY 80N4**	277
	6.0	1190	228.93	28600	2.5	**TF**	**88**	**MY 80N4**	276
						TFF	**88**	**MY 80N4**	277
	4.5	1580	198.31	15200	0.95	**TFA**	**78**	**MY 90S6**	274
	4.8	1500	188.40	15700	1.00	**TFAF**	**78**	**MY 90S6**	273
	5.4	1320	166.47	16800	1.15	**TF**	**78**	**MY 90S6**	272
	6.3	1130	142.27	17800	1.30	**TFF**	**78**	**MY 90S6**	273
	6.9	1040	130.42	18200	1.45				

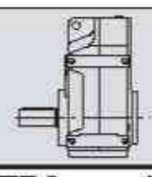
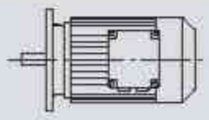
P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	Fr_2 [N]	fs			Page
0.75	6.1	1170	225.79	17600	1.30	**TFA 78**	**MY 80N4**	274
	7.0	1030	198.31	18200	1.45	**TFAF 78**	**MY 80N4**	273
	7.3	980	188.40	18400	1.55	**TF 78**	**MY 80N4**	272
						TFF 78	**MY 80N4**	273
	8.3	860	166.47	18800	1.75	**TFA 78**	**MY 80N4**	274
	9.7	740	142.27	19200	2.0	**TFAF 78**	**MY 80N4**	273
	11	675	130.42	19300	2.2	**TF 78**	**MY 80N4**	272
	12	595	114.45	19500	2.5	**TFF 78**	**MY 80N4**	273
	13	565	108.46*	19600	2.7			
	8.1	890	170.85	9670	0.90	**TFA 68**	**MY 80N4**	270
	8.5	840	162.31	10100	0.95	**TFAF 68**	**MY 80N4**	269
	9.7	740	142.40	11000	1.10	**TF 68**	**MY 80N4**	268
	11	625	120.79	11700	1.30	**TFF 68**	**MY 80N4**	269
	13	565	109.04	12100	1.45	**TFA 68**	**MY 80N4**	270
	14	500	95.94	12400	1.65	**TFAF 68**	**MY 80N4**	269
	15	470	90.59	12500	1.75	**TF 68**	**MY 80N4**	268
	17	415	79.76	12800	2.0	**TFF 68**	**MY 80N4**	269
	20	350	67.65	13000	2.3			
	23	315	61.07	13000	2.6			
	11	660	127.27	5290	0.90	**TFA 58**	**MY 80N4**	266
	13	570	110.01	9420	1.05	**TFAF 58**	**MY 80N4**	265
	15	485	93.47	10000	1.25	**TF 58**	**MY 80N4**	264
	17	435	83.46	10400	1.40	**TFF 58**	**MY 80N4**	265
	19	380	72.98	10700	1.60			
	20	355	68.22	10800	1.70			
	23	305	58.97	11100	1.95			
	28	260	50.10	11300	2.3			
	31	230	44.73	11400	2.6			
	17	415	79.72	5060	0.95	**TFA 48**	**MY 80N4**	262
	20	355	68.09	6520	1.15	**TFAF 48**	**MY 80N4**	261
	21	340	65.36	6680	1.20	**TF 48**	**MY 80N4**	260
						TFF 48	**MY 80N4**	261
	24	295	56.49	7120	1.35	**TFA 48**	**MY 80N4**	262
	29	250	48.00*	7470	1.60	**TFAF 48**	**MY 80N4**	261
	32	220	42.86	7640	1.80	**TF 48**	**MY 80N4**	260
	38	190	36.61	7820	2.1	**TFF 48**	**MY 80N4**	261
	40	178	34.29	7850	2.3			
	48	150	28.88	7540	2.7			
	29	245	47.02	3530	0.80	**TFA 38**	**MY 80N4**	258
	31	230	43.83	3850	0.90	**TFAF 38**	**MY 80N4**	257
	36	199	38.31	4310	1.00	**TF 38**	**MY 80N4**	256
	38	186	35.91	4480	1.05	**TFF 38**	**MY 80N4**	257
	44	165	31.69	4620	1.20			
	49	146	28.09	4540	1.35			
	58	123	23.63	4400	1.65	**TFA 38**	**MY 80N4**	258
	67	107	20.57	4290	1.85	**TFAF 38**	**MY 80N4**	257
	72	100	19.27	4240	2.0	**TF 38**	**MY 80N4**	256
	81	88	17.03	4130	2.3	**TFF 38**	**MY 80N4**	257
	96	74	14.33	3970	2.7			
	107	67	12.87	3870	3.0			
	59	121	23.25	2920	1.10	**TFA 28**	**MY 80N4**	254
	68	105	20.15	2870	1.25	**TFAF 28**	**MY 80N4**	253
	73	98	18.84	2850	1.35	**TF 28**	**MY 80N4**	252
	85	85	16.28	2790	1.55	**TFF 28**	**MY 80N4**	253
	100	72	13.84	2720	1.80			
	112	64	12.35	2660	2.0			
	131	55	10.55	2580	2.4			
	140	51	9.88	2540	2.5			
	147	49	9.40	2470	2.7			
	170	42	8.13	2390	2.9			
	200	36	6.91	2310	3.2			

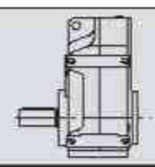
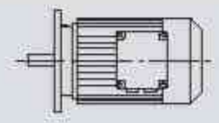
P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	Fr_2 [N]	fs			Page
0.75	224	32	6.17	2250	3.4	**TFA 28**	**MY 80N4**	254
	262	27	5.27	2160	3.7	**TFAF 28**	**MY 80N4**	253
	280	26	4.93	2130	3.8	**TF 28**	**MY 80N4**	252
	332	22	4.16	2030	4.0	**TFF 28**	**MY 80N4**	253
	332	22	8.13	2030	5.7	**TFA 28**	**MY 80K2**	254
	391	18	6.91	1950	6.2	**TFAF 28**	**MY 80K2**	253
	438	16	6.17	1890	6.7	**TF 28**	**MY 80K2**	252
						TFF 28	**MY 80K2**	253
	513	14	5.27	1810	7.1	**TFA 28**	**MY 80K2**	254
	547	13	4.93	1770	7.3	**TFAF 28**	**MY 80K2**	253
	650	11	4.16	1690	7.9	**TF 28**	**MY 80K2**	252
						TFF 28	**MY 80K2**	253
1.1	0.50	18200	2780	99600	1.00	**TFA 158 / TRF98**	**MY 90S4**	296
						TFAF 158 / TRF98	**MY 90S4**	296
						TF 158 / TRF98	**MY 90S4**	296
						TFF 158 / TRF98	**MY 90S4**	296
	0.58	16100	2427	105500	1.10	**TFA 158 / TRF98**	**MY 90S4**	296
	0.64	14400	2185	109500	1.25	**TFAF 158 / TRF98**	**MY 90S4**	296
	0.72	12800	1944	112700	1.40	**TF 158 / TRF98**	**MY 90S4**	296
	0.84	11300	1674	115300	1.60	**TFF 158 / TRF98**	**MY 90S4**	296
	1.1	8750	1308	118900	2.1			
	1.2	7750	1169	120000	2.3			
	1.5	6200	953	120000	2.9			
	1.7	5420	845	120000	3.3			
	3.1	2870	446	120000	6.3			
	4.6	1940	302	120000	9.3			
	0.69	14000	2038	86600	0.85	**TFA 128 / TRF78**	**MY 90S4**	296
	0.79	12200	1784	90000	1.00	**TFAF 128 / TRF78**	**MY 90S4**	296
	0.87	11000	1606	90000	1.10	**TF 128 / TRF78**	**MY 90S4**	296
	1.0	9480	1390	90000	1.25	**TFF 128 / TRF78**	**MY 90S4**	296
	1.2	8280	1220	90000	1.45			
	1.3	7360	1077	90000	1.65			
	1.1	8480	1243	47600	0.90	**TFA 108 / TRF78**	**MY 90S4**	296
	1.3	7490	1087	50300	1.00	**TFAF 108 / TRF78**	**MY 90S4**	296
	1.5	6480	950	52900	1.20	**TF 108 / TRF78**	**MY 90S4**	296
	1.7	5660	834	54800	1.35	**TFF 108 / TRF78**	**MY 90S4**	296
	1.9	4970	736	56400	1.55			
	2.2	4380	640	57600	1.75			
	2.0	4750	690	25100	0.90	**TFA 98 / TRF58**	**MY 90S4**	296
	2.3	4170	605	30300	1.05	**TFAF 98 / TRF58**	**MY 90S4**	296
	2.6	3640	529	31700	1.20	**TF 98 / TRF58**	**MY 90S4**	296
	3.0	3210	467	32800	1.35	**TFF 98 / TRF58**	**MY 90S4**	296
	3.5	2770	406	33800	1.55			
	3.9	2490	363	34400	1.75			
	3.1	3130	452	14100	0.95	**TFA 88 / TRF58**	**MY 90S4**	296
	4.1	2360	345	25300	1.25	**TFAF 88 / TRF58**	**MY 90S4**	296
	4.7	2050	300	26300	1.45	**TF 88 / TRF58**	**MY 90S4**	296
	5.6	1700	249	27300	1.75	**TFF 88 / TRF58**	**MY 90S4**	296
	2.6	3990	254.40*	58500	1.95	**TFA 108**	**MY 100L8**	286
	3.1	3380	215.37	59700	2.3	**TFAF 108**	**MY 100L8**	285
	3.4	3120	199.31	60200	2.5	**TF 108**	**MY 100L8**	284
	3.8	2800	178.64	60800	2.7	**TFF 108**	**MY 100L8**	285
	3.3	3160	276.77	32900	1.35	**TFA 98**	**MY 90L6**	282
	3.6	2890	253.41	33600	1.50	**TFAF 98**	**MY 90L6**	281
	4.1	2560	223.88	34300	1.70	**TF 98**	**MY 90L6**	280
	4.8	2170	189.92	35100	2.0	**TFF 98**	**MY 90L6**	281
	5.3	2000	174.87	35400	2.2			
	5.1	2080	276.77	35200	2.1	**TFA 98**	**MY 90S4**	282
	5.5	1900	253.41	35600	2.3	**TFAF 98**	**MY 90S4**	281
	6.2	1680	223.88	36000	2.6	**TF 98**	**MY 90S4**	280
						TFF 98	**MY 90S4**	281

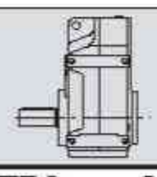
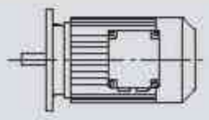
P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	Fr_2 [N]	fs			Page
1.1	3.4	3090	270.68	16000	0.95	**TFA 88**	**MY 90L6**	278
	3.6	2920	255.37	22700	1.05	**TFAF 88**	**MY 90L6**	277
	4.0	2610	228.93	24400	1.15	**TF 88**	**MY 90L6**	276
						TFF 88	**MY 90L6**	277
	4.7	2250	197.2	25700	1.35	**TFA 88**	**MY 90L6**	278
	5.1	2050	179.97	26300	1.45	**TFAF 88**	**MY 90L6**	277
	5.8	1820	159.61	27000	1.65	**TF 88**	**MY 90L6**	276
						TFF 88	**MY 90L6**	277
	5.2	2030	270.68	26300	1.50	**TFA 88**	**MY 90S4**	278
	5.5	1920	255.37	26700	1.55	**TFAF 88**	**MY 90S4**	277
	6.1	1720	228.93	27200	1.75	**TF 88**	**MY 90S4**	276
	7.1	1480	197.20	27900	2.0	**TFF 88**	**MY 90S4**	277
	7.8	1350	179.97	28200	2.2	**TFA 88**	**MY 90S4**	278
	8.8	1200	159.61	28500	2.5	**TFAF 88**	**MY 90S4**	277
	10	1010	134.16	29000	3.0	**TF 88**	**MY 90S4**	276
	11	930	123.29	29100	3.2	**TFF 88**	**MY 90S4**	277
	7.1	1490	198.31	15800	1.00	**TFA 78**	**MY 90S4**	274
	7.4	1410	188.40	16300	1.05	**TFAF 78**	**MY 90S4**	273
	8.4	1250	166.47	17200	1.20	**TF 78**	**MY 90S4**	272
	9.8	1070	142.27	18000	1.40	**TFF 78**	**MY 90S4**	273
	11	980	130.42	18400	1.55	**TFA 78**	**MY 90S4**	274
	12	860	114.45	18800	1.75	**TFAF 78**	**MY 90S4**	273
	13	810	108.46*	18900	1.85	**TF 78**	**MY 90S4**	272
	15	710	94.93	19200	2.1	**TFF 78**	**MY 90S4**	273
	16	640	85.52	19400	2.3			
	19	565	75.02	19600	2.7			
	12	910	120.79	9460	0.90	**TFA 68**	**MY 90S4**	270
	13	820	109.04	10300	1.00	**TFAF 68**	**MY 90S4**	269
	15	720	95.94	11100	1.15	**TF 68**	**MY 90S4**	268
	15	680	90.59	11400	1.20	**TFF 68**	**MY 90S4**	269
	18	600	79.76	11900	1.35			
	21	510	67.65	12400	1.60			
	23	460	61.07	12600	1.80			
	26	405	53.73	12800	2.0			
	28	380	50.74	12900	2.2			
	32	325	43.20	13000	2.5			
	36	295	39.26	13000	2.7			
	41	255	34.01	13000	2.9			
	17	625	83.46	8470	0.95	**TFA 58**	**MY 90S4**	266
	19	550	72.98	9590	1.10	**TFAF 58**	**MY 90S4**	265
	21	510	68.22	9840	1.15	**TF 58**	**MY 90S4**	264
	24	440	58.97	10300	1.35	**TFF 58**	**MY 90S4**	265
	28	375	50.10	10700	1.60			
	31	335	44.73	10700	1.80			
	37	285	38.21	10400	2.1			
	39	270	35.79	10200	2.2			
	46	225	30.15	9810	2.6			
	25	425	56.49	3730	0.95	**TFA 48**	**MY 90S4**	262
	29	360	48.00*	6440	1.10	**TFAF 48**	**MY 90S4**	261
						TF 48	**MY 90S4**	260
						TFF 48	**MY 90S4**	261
	33	320	42.86	6860	1.25	**TFA 48**	**MY 90S4**	262
	38	275	36.61	7280	1.45	**TFAF 48**	**MY 90S4**	261
	41	255	34.29	7260	1.55	**TF 48**	**MY 90S4**	260
	48	215	28.88	7040	1.85	**TFF 48**	**MY 90S4**	261
	45	230	30.86	7130	1.75	**TFA 48**	**MY 90S4**	262
	48	220	29.32	7060	1.80	**TFAF 48**	**MY 90S4**	261
	54	193	25.72	6880	2.1	**TF 48**	**MY 90S4**	260
	64	164	21.82	6640	2.4	**TFF 48**	**MY 90S4**	261
	71	148	19.70	6490	2.7			
	44	240	31.69	3660	0.85	**TFA 38**	**MY 90S4**	258
	50	210	28.09	3970	0.95	**TFAF 38**	**MY 90S4**	257
	59	179	23.88	3930	1.10	**TF 38**	**MY 90S4**	256
						TFF 38	**MY 90S4**	257

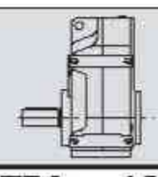
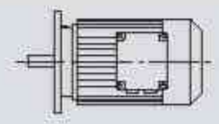
P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	Fr_2 [N]	fs			Page
1.1	68	154	20.57	3870	1.30	**TFA 38**	**MY 90S4**	258
	73	145	19.27	3840	1.40	**TFAF 38**	**MY 90S4**	257
	82	128	17.03	3780	1.55	**TF 38**	**MY 90S4**	256
	98	108	14.33	3680	1.85	**TFF 38**	**MY 90S4**	257
	109	97	12.87	3610	2.1			
	126	83	11.08	3500	2.3			
	134	78	10.42	3460	2.4			
	156	67	8.97	3350	2.6			
	69	151	20.15	2440	0.85	**TFA 28**	**MY 90S4**	254
	74	141	18.84	2450	0.90	**TFAF 28**	**MY 90S4**	253
	86	122	16.28	2440	1.05	**TF 28**	**MY 90S4**	252
	101	104	13.84	2420	1.25	**TFF 28**	**MY 90S4**	253
	113	93	12.35	2390	1.40			
	133	79	10.55	2350	1.65			
	142	74	9.88	2330	1.75			
	149	71	9.40	2240	1.85			
	172	61	8.13	2200	2.0			
	203	52	6.91	2140	2.2			
	227	46	6.17	2090	2.4			
	266	40	5.27	2030	2.5			
	284	37	4.93	2000	2.6			
	337	31	4.16	1930	2.8			
	332	32	8.13	1940	3.9	**TFA 28**	**MY 80N2**	254
	391	27	6.91	1860	4.2	**TFAF 28**	**MY 80N2**	253
	438	24	6.17	1810	4.5	**TF 28**	**MY 80N2**	252
	513	21	5.27	1740	4.9	**TFF 28**	**MY 80N2**	253
	547	19	4.93	1710	5.0			
	650	16	4.16	1640	5.4			
1.5	0.58	22200	2427	83000	0.80	**TFA 158 / TRF98**	**MY 90L4**	296
	0.65	19800	2185	94400	0.90	**TFAF 158 / TRF98**	**MY 90L4**	296
	0.73	17600	1944	101300	1.00	**TF 158 / TRF98**	**MY 90L4**	296
	0.84	15500	1674	107000	1.15	**TFF 158 / TRF98**	**MY 90L4**	296
	1.1	12000	1308	114100	1.50			
	1.2	10700	1169	116300	1.70			
	1.5	8580	953	119100	2.1			
	1.7	7540	845	120000	2.4			
	3.2	3980	446	120000	4.5			
	4.7	2700	302	120000	6.7			
	0.88	15000	1606	84600	0.80	**TFA 128 / TRF78**	**MY 90L4**	296
	1.0	13000	1390	88600	0.95	**TFAF 128 / TRF78**	**MY 90L4**	296
	1.2	11300	1220	90000	1.05	**TF 128 / TRF78**	**MY 90L4**	296
	1.3	10100	1077	90000	1.20	**TFF 128 / TRF78**	**MY 90L4**	296
	1.5	8630	930	90000	1.40			
	1.7	7590	820	90000	1.60			
	1.9	6710	727	90000	1.80			
	2.2	6050	648	90000	2.0			
	1.5	8850	950	46600	0.85	**TFA 108 / TRF78**	**MY 90L4**	296
	1.7	7740	834	49700	1.00	**TFAF 108 / TRF78**	**MY 90L4**	296
	1.9	6810	736	52100	1.15	**TF 108 / TRF78**	**MY 90L4**	296
	2.2	5980	640	54100	1.30	**TFF 108 / TRF78**	**MY 90L4**	296
	2.5	5170	560	55900	1.50			
	2.9	4520	489	57400	1.70			
	3.2	4070	436	58300	1.90	**TFA 108 / TRF78**	**MY 90L4**	296
	3.8	3450	370	59500	2.2	**TFAF 108 / TRF78**	**MY 90L4**	296
						TF 108 / TRF78	**MY 90L4**	296
						TFF 108 / TRF78	**MY 90L4**	296
	2.7	4960	529	15500	0.85	**TFA 98 / TRF58**	**MY 90L4**	296
	3.0	4380	467	29700	1.00	**TFAF 98 / TRF58**	**MY 90L4**	296
	3.5	3790	406	31300	1.15	**TF 98 / TRF58**	**MY 90L4**	296
	3.9	3400	363	32400	1.25	**TFF 98 / TRF58**	**MY 90L4**	296
	4.7	2800	300	23700	1.05	**TFA 88 / TRF58**	**MY 90L4**	296
	5.7	2320	249	25400	1.30	**TFAF 88 / TRF58**	**MY 90L4**	296
						TF 88 / TRF58	**MY 90L4**	296
						TFF 88 / TRF58	**MY 90L4**	296

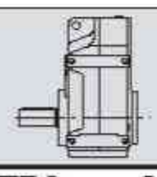
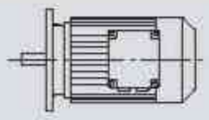
P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	Fr_2 [N]	fs			Page 
1.5	2.8	5210	254.40*	55900	1.50	**TFA 108**	**MY 112M8**	286
	3.2	4410	215.37	57600	1.75	**TFAF 108**	**MY 112M8**	285
	3.5	4080	199.31	58300	1.90	**TF 108**	**MY 112M8**	284
	3.9	3660	178.64	59100	2.1	**TFF 108**	**MY 112M8**	285
	3.6	3960	254.40*	58500	1.95	**TFA 108**	**MY 100M6**	286
	4.3	3350	215.37	59700	2.3	**TFAF 108**	**MY 100M6**	285
	4.6	3100	199.31	60200	2.5	**TF 108**	**MY 100M6**	284
	5.2	2780	178.64	60800	2.8	**TFF 108**	**MY 100M6**	285
	3.3	4310	276.77	29900	1.00	**TFA 98**	**MY 100M6**	282
	3.6	3950	253.41	30900	1.10	**TFAF 98**	**MY 100M6**	281
	4.1	3490	223.88	32100	1.25	**TF 98**	**MY 100M6**	280
	4.8	2960	189.92	33400	1.45	**TFF 98**	**MY 100M6**	281
	5.3	2720	174.87	33900	1.60			
	5.1	2810	276.77	33700	1.55	**TFA 98**	**MY 90L4**	282
	5.6	2570	253.41	34300	1.65	**TFAF 98**	**MY 90L4**	281
	6.3	2270	223.88	34900	1.90	**TF 98**	**MY 90L4**	280
	7.4	1930	189.92	35500	2.2	**TFF 98**	**MY 90L4**	281
	8.1	1780	174.87	35800	2.4			
	5.2	2750	270.68	23900	1.10	**TFA 88**	**MY 90L4**	278
	5.5	2590	255.37	24500	1.15	**TFAF 88**	**MY 90L4**	277
	6.2	2330	228.93	25400	1.30	**TF 88**	**MY 90L4**	276
	7.2	2000	197.20	26400	1.50	**TFF 88**	**MY 90L4**	277
	7.8	1830	179.97	26900	1.65	**TFA 88**	**MY 90L4**	278
	8.8	1620	159.61	27500	1.85	**TFAF 88**	**MY 90L4**	277
	11	1360	134.16	28200	2.2	**TF 88**	**MY 90L4**	276
	13	1110	109.49	28700	2.7	**TFF 88**	**MY 90L4**	277
	14	990	97.89	29000	3.0			
	8.5	1690	166.47	14300	0.90	**TFA 78**	**MY 90L4**	274
	9.9	1450	142.27	16100	1.05	**TFAF 78**	**MY 90L4**	273
	11	1320	130.42	16800	1.15	**TF 78**	**MY 90L4**	272
	12	1160	114.45	17600	1.30	**TFF 78**	**MY 90L4**	273
	13	1100	108.46*	17900	1.35	**TFA 78**	**MY 90L4**	274
	15	960	94.93	18400	1.55	**TFAF 78**	**MY 90L4**	273
	16	870	85.52	18800	1.75	**TF 78**	**MY 90L4**	272
	19	760	75.02	19100	1.95	**TFF 78**	**MY 90L4**	273
	19	735	72.50	19200	2.0			
	21	675	66.46	19300	2.2			
	24	595	58.32	19500	2.5			
	26	560	55.27	19600	2.7			
	29	490	48.37	19700	3.1			
	32	445	43.58	19800	3.4			
	37	390	38.23	19900	3.9			
	39	370	36.58	19900	3.0	**TFA 78**	**MY 90L4**	274
	45	320	31.51	20000	4.3	**TFAF 78**	**MY 90L4**	273
						TF 78	**MY 90L4**	272
						TFF 78	**MY 90L4**	273
	16	920	90.59	9300	0.90	**TFA 68**	**MY 90L4**	270
	18	810	79.76	10400	1.00	**TFAF 68**	**MY 90L4**	269
	21	685	67.65	11400	1.20	**TF 68**	**MY 90L4**	268
	23	620	61.07	11800	1.30	**TFF 68**	**MY 90L4**	269
	26	545	53.73	12200	1.50			
	28	515	50.74	12300	1.60			
	33	440	43.20	12700	1.85			
	36	400	39.26	12800	1.95			
	39	370	36.30	12900	2.2	**TFA 68**	**MY 90L4**	270
	44	325	32.08	13000	2.5	**TFAF 68**	**MY 90L4**	269
	51	280	27.41	13000	2.9	**TF 68**	**MY 90L4**	268
	56	255	25.13	13000	3.2	**TFF 68**	**MY 90L4**	269
	24	600	58.97	9210	1.00			
	28	510	50.10	9860	1.20	**TFA 58**	**MY 90L4**	266
	32	455	44.73	9990	1.30	**TFAF 58**	**MY 90L4**	265
	37	390	38.21	9740	1.55	**TF 58**	**MY 90L4**	264
	39	365	35.79	9620	1.65	**TFF 58**	**MY 90L4**	265
	47	305	30.15	9310	1.95			

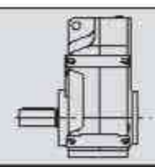
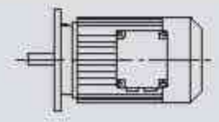
P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	Fr_2 [N]	fs			Page
1.5	33	435	42.86	575	0.90	**TFA 48**	**MY 90L4**	262
	39	370	36.61	6300	1.10	**TFAF 48**	**MY 90L4**	261
	41	350	34.29	6580	1.15	**TF 48**	**MY 90L4**	260
	49	295	28.88	6500	1.35	**TFF 48**	**MY 90L4**	261
	46	315	30.86	6550	1.30	**TFA 48**	**MY 90L4**	262
	48	300	29.32	6510	1.35	**TFAF 48**	**MY 90L4**	261
	55	260	25.72	6390	1.55	**TF 48**	**MY 90L4**	260
	65	220	21.82	6230	1.80	**TFF 48**	**MY 90L4**	261
	72	200	19.70	6110	2.0			
	81	176	17.33	5970	2.3			
	86	166	16.36	5900	2.4			
	101	142	13.93	5700	2.8			
	69	210	20.57	3410	0.95	**TFA 38**	**MY 90L4**	258
	73	196	19.27	3410	1.00	**TFAF 38**	**MY 90L4**	257
	83	173	17.03	3400	1.15	**TF 38**	**MY 90L4**	256
	98	146	14.33	3350	1.35	**TFF 38**	**MY 90L4**	257
	110	131	12.87	3310	1.55			
	127	113	11.08	3250	1.70			
	135	106	10.42	3220	1.75			
	157	91	8.97	3140	1.90			
	176	81	8.01	3080	2.1			
	102	141	13.84	2080	0.90	**TFA 28**	**MY 90L4**	254
	114	126	12.35	2090	1.05	**TFAF 28**	**MY 90L4**	253
	134	107	10.55	2090	1.20	**TF 28**	**MY 90L4**	252
	143	100	9.88	2090	1.30	**TFF 28**	**MY 90L4**	253
	150	96	9.40	1990	1.35			
	173	83	8.13	1980	1.50			
	204	70	6.91	1950	1.60			
	229	63	6.17	1930	1.75			
	268	54	5.27	1890	1.85			
	286	50	4.93	1870	1.90			
	339	42	4.16	1810	2.1			
	344	42	8.13	1810	3.0	**TFA 28**	**MY 90S2**	254
	405	35	6.91	1750	3.2	**TFAF 28**	**MY 90S2**	253
	454	32	6.17	1710	3.5	**TF 28**	**MY 90S2**	252
	532	27	5.27	1660	3.7	**TFF 28**	**MY 90S2**	253
	568	25	4.93	1630	3.8			
	674	21	4.16	1570	4.1			
2.2	0.98	18700	1441	98000	0.95	**TFA 158 / TRF98**	**MY 100M4**	296
						TFAF 158 / TRF98	**MY 100M4**	296
						TF 158 / TRF98	**MY 100M4**	296
						TFF 158 / TRF98	**MY 100M4**	296
	1.1	17900	1308	100700	1.00	**TFA 158 / TRF98**	**MY 100M4**	296
	1.2	15900	1169	106000	1.15	**TFAF 158 / TRF98**	**MY 100M4**	296
	1.5	12800	953	112600	1.40	**TF 158 / TRF98**	**MY 100M4**	296
	1.7	11300	845	115300	1.60	**TFF 158 / TRF98**	**MY 100M4**	296
	1.9	10200	764	117000	1.75			
	2.1	9040	680	118500	2.0			
	2.5	7580	576	120000	2.4			
	3.2	5970	446	120000	3.0			
	4.7	4040	302	120000	4.5			
	5.2	3630	273	120000	5.0			
	6.1	3050	232	120000	5.9			
	7.2	2590	197	120000	7.0			
	1.3	14900	1077	84800	0.80	**TFA 128 / TRF78**	**MY 100M4**	296
	1.5	12800	930	88900	0.95	**TFAF 128 / TRF78**	**MY 100M4**	296
	1.7	11300	820	90000	1.05	**TF 128 / TRF78**	**MY 100M4**	296
	1.9	9960	727	90000	1.20	**TFF 128 / TRF78**	**MY 100M4**	296
	2.2	8940	648	90000	1.35			
	2.6	7580	549	90000	1.60			
	2.9	6820	495	90000	1.75			
	3.3	5900	428	90000	2.0			

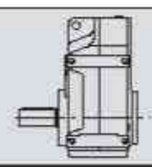
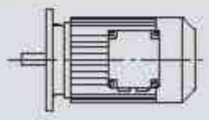
P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	Fr_2 [N]	fs			Page 
2.2	2.2	8830	640	46600	0.85	**TFA 108 / TRF78**	**MY 100M4**	296
	2.5	7670	560	49800	1.00	**TFAF 108 / TRF78**	**MY 100M4**	296
	2.9	6700	489	52300	1.15	**TF 108 / TRF78**	**MY 100M4**	296
	3.2	6010	436	54000	1.30	**TFF 108 / TRF78**	**MY 100M4**	296
	3.8	5100	370	56100	1.50			
	4.2	4590	333	57200	1.65			
	4.9	3950	285	30900	1.10	**TFA 98 / TRF58**	**MY 100M4**	296
	5.8	3390	245	32400	1.25	**TFAF 98 / TRF58**	**MY 100M4**	296
						TF 98 / TRF58	**MY 100M4**	296
						TFF 98 / TRF58	**MY 100M4**	296
	2.8	7640	254.40*	49900	1.00	**TFA 108**	**MY 132S8**	286
	3.2	6460	215.37	52900	1.20	**TFAF 108**	**MY 132S8**	285
	3.5	5980	199.31	54100	1.30	**TF 108**	**MY 132S8**	284
	3.9	5360	178.64	55500	1.45	**TFF 108**	**MY 132S8**	285
	3.7	5690	254.40*	54800	1.35	**TFA 108**	**MY 112M6**	286
	4.4	4810	215.37	56700	1.60	**TFAF 108**	**MY 112M6**	285
	4.7	4450	199.31	57500	1.70	**TF 108**	**MY 112M6**	284
	5.3	3990	178.64	58400	1.90	**TFF 108**	**MY 112M6**	285
	5.5	3790	254.40*	58900	2.0	**TFA 108**	**MY 100M4**	286
	6.5	3210	215.37	60000	2.4	**TFAF 108**	**MY 100M4**	285
	7.1	2970	199.31	60400	2.6	**TF 108**	**MY 100M4**	284
	7.9	2660	178.64	61000	2.9	**TFF 108**	**MY 100M4**	285
	4.2	5000	223.88	12400	0.85	**TFA 98**	**MY 112M6**	282
	5.0	4240	189.92	30100	1.00	**TFAF 98**	**MY 112M6**	281
	5.4	3910	174.87	31000	1.10	**TF 98**	**MY 112M6**	280
	6.0	3490	156.30	32100	1.25	**TFF 98**	**MY 112M6**	281
	5.1	4120	276.77	30400	1.05	**TFA 98**	**MY 100M4**	282
	5.6	3780	253.41	31400	1.15	**TFAF 98**	**MY 100M4**	281
	6.3	3340	223.88	32500	1.30	**TF 98**	**MY 100M4**	280
	7.4	2830	189.92	33700	1.50	**TFF 98**	**MY 100M4**	281
	8.1	2610	174.87	34200	1.65			
	9.0	2330	156.30	34800	1.85			
	10	2100	140.71	35200	2.1			
	11	1900	127.42	35600	2.3			
	7.2	2940	197.20	22000	1.00	**TFA 88**	**MY 100M4**	278
	7.8	2680	179.97	24200	1.10	**TFAF 88**	**MY 100M4**	277
	8.8	2380	159.61	25200	1.25	**TF 88**	**MY 100M4**	276
	11	2000	134.16	26400	1.50	**TFF 88**	**MY 100M4**	277
	11	1840	123.29	26900	1.65	**TFA 88**	**MY 100M4**	278
	13	1630	109.49	27500	1.85	**TFAF 88**	**MY 100M4**	277
	14	1460	97.89	27900	2.1	**TF 88**	**MY 100M4**	276
	16	1310	88.01	28300	2.3	**TFF 88**	**MY 100M4**	277
	18	1140	76.39	27800	2.6			
	21	1020	68.40	27100	2.9			
	25	850	56.75	25900	3.6			
	28	750	50.36	25200	3.9			
	31	675	45.28	24500	4.2			
	12	1710	114.45	14200	0.90	**TFA 78**	**MY 100M4**	274
	13	1620	108.46*	14900	0.95	**TFAF 78**	**MY 100M4**	273
	15	1410	94.93	16300	1.05	**TF 78**	**MY 100M4**	272
	16	1270	85.52	17100	1.20	**TFF 78**	**MY 100M4**	273
	19	1120	75.02	17800	1.35	**TFA 78**	**MY 100M4**	274
	21	990	66.46	18300	1.50	**TFAF 78**	**MY 100M4**	273
	24	870	58.32	18800	1.75	**TF 78**	**MY 100M4**	272
	26	820	55.27	18900	1.80	**TFF 78**	**MY 100M4**	273
	29	720	48.37	19200	2.1			
	32	650	43.58	19400	2.3			
	39	545	36.58	19600	2.0	**TFA 78**	**MY 100M4**	274
	45	470	31.51	19700	2.9	**TFAF 78**	**MY 100M4**	273
	49	430	28.75	19800	3.3	**TF 78**	**MY 100M4**	272
	55	380	25.50*	19900	4.0	**TFF 78**	**MY 100M4**	273

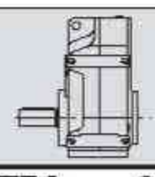
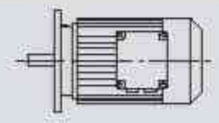
P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	Fr_2 [N]	fs			Page
2.2	23	910	61.07	9420	0.90	**TFA 68**	**MY 100M4**	270
	26	800	53.73	10500	1.00	**TFAF 68**	**MY 100M4**	269
	28	755	50.74	10800	1.10	**TF 68**	**MY 100M4**	268
	33	645	43.20	11600	1.25	**TFF 68**	**MY 100M4**	269
	36	585	39.26	12000	1.35			
	41	505	34.01	12400	1.45			
	44	480	32.08	12500	1.70	**TFA 68**	**MY 100M4**	270
	51	410	27.41	12800	2.0	**TFAF 68**	**MY 100M4**	269
	56	375	25.13	12900	2.2	**TF 68**	**MY 100M4**	268
	64	330	22.05	13000	2.5	**TFF 68**	**MY 100M4**	269
	67	310	20.90*	13000	2.6			
	77	275	18.29	13000	3.0			
	32	665	44.73	4480	0.90	**TFA 58**	**MY 100M4**	266
	37	570	38.21	8660	1.05	**TFAF 58**	**MY 100M4**	265
	39	535	35.79	8620	1.15	**TF 58**	**MY 100M4**	264
	47	450	30.15	8460	1.30	**TFF 58**	**MY 100M4**	265
	56	370	24.96	8240	1.55	**TFA 58**	**MY 100M4**	266
	67	315	21.17	8020	1.90	**TFAF 58**	**MY 100M4**	265
	74	285	19.11	7870	2.1	**TF 58**	**MY 100M4**	264
	84	250	16.81	7670	2.4	**TFF 58**	**MY 100M4**	265
	89	235	15.88	7580	2.5			
	55	385	25.72	5560	1.05	**TFA 48**	**MY 100M4**	262
	65	325	21.82	5520	1.25	**TFAF 48**	**MY 100M4**	261
	72	295	19.70	5480	1.35	**TF 48**	**MY 100M4**	260
	81	260	17.33	5410	1.55	**TFF 48**	**MY 100M4**	261
	86	245	16.36	5370	1.65			
	101	210	13.93	5250	1.95			
	111	189	12.66	5170	2.1			
	129	163	10.97	5040	2.5			
	157	133	8.96	4740	2.5			
	98	215	14.33	2790	0.95	**TFA 38**	**MY 100M4**	258
	110	192	12.87	2810	1.05	**TFAF 38**	**MY 100M4**	257
	127	165	11.08	2820	1.15	**TF 38**	**MY 100M4**	256
	135	155	10.42	2810	1.20	**TFF 38**	**MY 100M4**	257
	157	134	8.97	2790	1.30			
	176	119	8.01	2770	1.40			
	209	100	6.74	2630	1.40			
	233	90	6.05	2590	1.50			
	271	78	5.21	2540	1.60			
	288	73	4.90	2520	1.65			
	334	63	4.22	2460	1.75			
	374	56	3.77	2400	1.85			
	139	151	20.15	1660	0.85	**TFA 28**	**MY 90L2**	254
	149	141	18.84	1680	0.90	**TFAF 28**	**MY 90L2**	253
	173	122	16.28	1710	1.05	**TF 28**	**MY 90L2**	252
	203	103	13.84	1730	1.25	**TFF 28**	**MY 90L2**	253
	227	92	12.35	1730	1.40			
	266	79	10.55	1720	1.65			
	284	74	9.88	1710	1.75			
	299	70	9.40	1630	1.85			
	346	61	8.13	1620	2.0			
	407	52	6.91	1590	2.2			
	456	46	6.17	1570	2.4			
	533	39	5.27	1530	2.5			
	570	37	4.93	1510	2.6			
	676	31	4.16	1470	2.8			
3.0	1.2	22000	1169	86000	0.80	**TFA 158 / TRF98**	**MY 100L4**	296
	1.5	17800	953	100800	1.00	**TFAF 158 / TRF98**	**MY 100L4**	296
	1.7	15700	845	106400	1.15	**TF 158 / TRF98**	**MY 100L4**	296
	1.8	14200	764	110000	1.25	**TFF 158 / TRF98**	**MY 100L4**	296
	2.1	12600	680	113000	1.45			
	2.4	10600	576	116400	1.70			
	3.1	8310	446	119400	2.2			

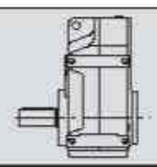
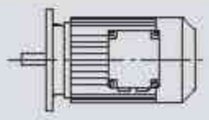
P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	Fr_2 [N]	fs			Page 
3.0	4.6	5630	302	120000	3.2	**TFA 158 / TRF98**	**MY 100L4**	296
	5.1	5070	273	120000	3.6	**TFAF 158 / TRF98**	**MY 100L4**	296
	6.0	4260	232	120000	4.2	**TF 158 / TRF98**	**MY 100L4**	296
	7.1	3620	197	120000	5.0	**TFF 158 / TRF98**	**MY 100L4**	296
	1.9	13800	727	87000	0.85	**TFA 128 / TRF78**	**MY 100L4**	296
	2.2	12300	648	89800	0.95	**TFAF 128 / TRF78**	**MY 100L4**	296
	2.6	10500	549	90000	1.15	**TF 128 / TRF78**	**MY 100L4**	296
	2.8	9410	495	90000	1.30	**TFF 128 / TRF78**	**MY 100L4**	296
	3.2	8300	436	48100	0.95	**TFA 108 / TRF78**	**MY 100L4**	296
	3.8	7040	370	51500	1.10	**TFAF 108 / TRF78**	**MY 100L4**	296
	4.2	6340	333	53200	1.20	**TF 108 / TRF78**	**MY 100L4**	296
	4.8	5540	291	55100	1.40	**TFF 108 / TRF78**	**MY 100L4**	296
	3.7	7750	254.40*	49600	1.00	**TFA 108**	**MY 132S6**	286
	4.4	6560	215.37	52700	1.15	**TFAF 108**	**MY 132S6**	285
	4.7	6070	199.31	53900	1.25	**TF 108**	**MY 132S6**	284
	5.3	5440	178.64	55300	1.40	**TFF 108**	**MY 132S6**	285
	5.5	5210	254.40*	55900	1.50	**TFA 108**	**MY 100L4**	286
	6.5	4410	215.37	57600	1.75	**TFAF 108**	**MY 100L4**	285
	7.0	4080	199.31	58300	1.90	**TF 108**	**MY 100L4**	284
	7.8	3660	178.64	59100	2.1	**TFF 108**	**MY 100L4**	285
	8.7	3300	161.28*	59800	2.3			
	6.2	4580	223.88	29000	0.95	**TFA 98**	**MY 100L4**	282
	7.4	3890	189.92	31100	1.10	**TFAF 98**	**MY 100L4**	281
	8.0	3580	174.87	31900	1.20	**TF 98**	**MY 100L4**	280
						TFF 98	**MY 100L4**	281
	9.0	3200	156.30	32800	1.35	**TFA 98**	**MY 100L4**	282
	10	2880	140.71	33600	1.50	**TFAF 98**	**MY 100L4**	281
	11	2610	127.42	34200	1.65	**TF 98**	**MY 100L4**	280
	12	2310	112.99	34800	1.85	**TFF 98**	**MY 100L4**	281
	14	2090	102.16	35200	2.1			
	16	1840	89.85	35700	2.3			
	10	2750	134.16	23900	1.10	**TFA 88**	**MY 100L4**	278
	11	2520	123.29	24700	1.20	**TFAF 88**	**MY 100L4**	277
	13	2240	109.49	25700	1.35	**TF 88**	**MY 100L4**	276
						TFF 88	**MY 100L4**	277
	14	2000	97.89	26400	1.50	**TFA 88**	**MY 100L4**	278
	16	1800	88.01	26900	1.65	**TFAF 88**	**MY 100L4**	277
	18	1560	76.39	26300	1.90	**TF 88**	**MY 100L4**	276
	20	1400	68.40	25700	2.1	**TFF 88**	**MY 100L4**	277
	25	1160	56.75	24800	2.6			
	28	1030	50.36	24100	2.9			
	16	1750	85.52	13800	0.85	**TFA 78**	**MY 100L4**	274
	19	1540	75.02	15500	1.00	**TFAF 78**	**MY 100L4**	273
	21	1360	66.46	16600	1.10	**TF 78**	**MY 100L4**	272
						TFF 78	**MY 100L4**	273
	24	1190	58.32	17500	1.25	**TFA 78**	**MY 100L4**	274
	25	1130	55.27	17800	1.35	**TFAF 78**	**MY 100L4**	273
	29	990	48.37	18300	1.50	**TF 78**	**MY 100L4**	272
	32	890	43.58	18700	1.70	**TFF 78**	**MY 100L4**	273
	37	780	38.23	19000	1.90			
	38	750	36.58	19100	1.50	**TFA 78**	**MY 100L4**	274
	44	645	31.51	19400	2.1	**TFAF 78**	**MY 100L4**	273
	49	590	28.75	19500	2.4	**TF 78**	**MY 100L4**	272
	55	520	25.50*	19700	2.9	**TFF 78**	**MY 100L4**	273
	65	440	21.43	19800	3.4			
	32	880	43.20	9690	0.95	**TFA 68**	**MY 100L4**	270
	36	800	39.26	10500	0.95	**TFAF 68**	**MY 100L4**	269
	41	695	34.01	11300	1.05	**TF 68**	**MY 100L4**	268
						TFF 68	**MY 100L4**	269

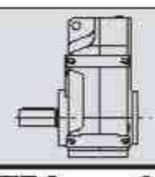
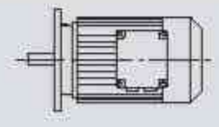
P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	Fr_2 [N]	fs			Page
3.0	44	655	32.08	11600	1.25	**TFA 68**	**MY 100L4**	270
	51	560	27.41	12100	1.45	**TFAF 68**	**MY 100L4**	269
	56	515	25.13	12300	1.60	**TF 68**	**MY 100L4**	268
	63	450	22.05	12600	1.80	**TFF 68**	**MY 100L4**	269
	67	430	20.90*	12700	1.90			
	77	375	18.29	12900	2.2			
	85	335	16.48	13000	2.4			
	97	295	14.46	13000	2.8			
	56	510	24.96	7440	1.15	**TFA 58**	**MY 100L4**	266
	66	435	21.17	7340	1.40	**TFAF 58**	**MY 100L4**	265
	73	390	19.11	7260	1.55	**TF 58**	**MY 100L4**	264
	83	345	16.81	7140	1.75	**TFF 58**	**MY 100L4**	265
	88	325	15.88	7080	1.85			
	104	275	13.52	6890	2.2			
	114	250	12.29	6780	2.4			
	132	220	10.64	6590	2.8			
	71	405	19.70	4750	1.00	**TFA 48**	**MY 100L4**	262
	81	355	17.33	4760	1.15	**TFAF 48**	**MY 100L4**	261
	86	335	16.36	4760	1.20	**TF 48**	**MY 100L4**	260
	100	285	13.93	4740	1.40	**TFF 48**	**MY 100L4**	261
	111	260	12.66	4700	1.55			
	128	225	10.97	4640	1.80			
	156	183	8.96	4370	1.80			
	126	225	11.08	2320	0.85	**TFA 38**	**MY 100L4**	258
	134	215	10.42	2350	0.85	**TFAF 38**	**MY 100L4**	257
	156	184	8.97	2390	0.95	**TF 38**	**MY 100L4**	256
	175	164	8.01	2410	1.05	**TFF 38**	**MY 100L4**	257
	208	138	6.74	2290	1.00			
	231	124	6.05	2300	1.10			
	269	107	5.21	2290	1.15			
	286	100	4.90	2280	1.20			
	332	86	4.22	2250	1.25			
	372	77	3.77	2220	1.35			
4.0	1.7	20800	845	90700	0.85	**TFA 158 / TRF98**	**MY 112M4**	296
	1.9	18800	764	97800	0.95	**TFAF 158 / TRF98**	**MY 112M4**	296
	2.1	16700	680	103900	1.10	**TF 158 / TRF98**	**MY 112M4**	296
	2.5	14100	576	110100	1.30	**TFF 158 / TRF98**	**MY 112M4**	296
	3.2	11000	446	115700	1.65			
	4.7	7460	302	120000	2.4			
	5.2	6720	273	120000	2.7			
	6.1	5660	232	120000	3.2			
	7.2	4800	197	120000	3.8			
	2.6	13800	549	87000	0.85	**TFA 128 / TRF78**	**MY 112M4**	296
	2.9	12400	495	89700	0.95	**TFAF 128 / TRF78**	**MY 112M4**	296
	3.3	10700	428	90000	1.10	**TF 128 / TRF78**	**MY 112M4**	296
	3.8	9410	376	90000	1.30	**TFF 128 / TRF78**	**MY 112M4**	296
	4.3	8350	333	48000	0.90	**TFA 108 / TRF78**	**MY 112M4**	296
	4.9	7300	291	50800	1.05	**TFAF 108 / TRF78**	**MY 112M4**	296
	5.6	6400	255	53100	1.20	**TF 108 / TRF78**	**MY 112M4**	296
						TFF 108 / TRF78	**MY 112M4**	296
	4.2	9060	170.83	90000	1.30	**TFA 128**	**MY 132ML8**	290
	4.7	8150	153.67*	90000	1.45	**TFAF 128**	**MY 132ML8**	289
	5.7	6650	125.37	90000	1.80	**TF 128**	**MY 132ML8**	288
						TFF 128	**MY 132ML8**	289
	5.6	6840	254.40*	52000	1.10	**TFA 108**	**MY 112M4**	286
	6.6	5790	215.37	54500	1.35	**TFAF 108**	**MY 112M4**	285
	7.1	5360	199.31	55500	1.45	**TF 108**	**MY 112M4**	284
	8.0	4810	178.64	56700	1.60	**TFF 108**	**MY 112M4**	285
	8.8	4340	161.28*	57700	1.75			
	9.7	3940	146.49	58500	1.95			
	11	3500	129.97	59400	2.2			
	12	3170	117.94	60100	2.4			
	14	2730	101.38*	60900	2.8			

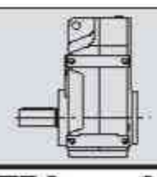
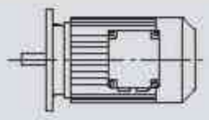
P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	Fr_2 [N]	fs			Page
4.0	8.1	4700	174.87	26600	0.90	**TFA 98**	**MY 112M4**	282
	9.1	4200	156.30	30200	1.00	**TFAF 98**	**MY 112M4**	281
	10	3780	140.71	31400	1.15	**TF 98**	**MY 112M4**	280
	11	3430	127.42	32300	1.25	**TFF 98**	**MY 112M4**	281
	13	3040	112.99	33200	1.40	**TFA 98**	**MY 112M4**	282
	14	2750	102.16	33900	1.55	**TFAF 98**	**MY 112M4**	281
	15	2620	97.58	34100	1.65	**TF 98**	**MY 112M4**	280
	16	2420	89.85	34600	1.80	**TFF 98**	**MY 112M4**	281
	18	2160	80.31	35100	2.0			
	20	1940	72.29	35500	2.2			
	22	1760	65.47	35800	2.4			
	13	2950	109.49	21700	1.00	**TFA 88**	**MY 112M4**	278
	15	2630	97.89	24300	1.15	**TFAF 88**	**MY 112M4**	277
	16	2370	88.01	24600	1.25	**TF 88**	**MY 112M4**	276
						TFF 88	**MY 112M4**	277
	19	2050	76.39	24200	1.45	**TFA 88**	**MY 112M4**	278
	21	1840	68.40	23900	1.65	**TFAF 88**	**MY 112M4**	277
	25	1530	56.75	23200	1.95	**TF 88**	**MY 112M4**	276
	28	1350	50.36	22800	2.2	**TFF 88**	**MY 112M4**	277
	31	1220	45.28	22300	2.3			
	21	1790	66.46	13400	0.85	**TFA 78**	**MY 112M4**	274
	24	1570	58.32	15200	0.95	**TFAF 78**	**MY 112M4**	273
	26	1490	55.27	15800	1.00	**TF 78**	**MY 112M4**	272
	29	1300	48.37	16900	1.15	**TFF 78**	**MY 112M4**	273
	33	1170	43.58	17600	1.30	**TFA 78**	**MY 112M4**	274
	37	1030	38.23	18200	1.45	**TFAF 78**	**MY 112M4**	273
	42	910	33.74	18600	1.65	**TF 78**	**MY 112M4**	272
	47	800	29.91	19000	1.85	**TFF 78**	**MY 112M4**	273
	56	685	25.54	19300	2.1			
	45	850	31.51	18800	1.65	**TFA 78**	**MY 112M4**	274
	49	775	28.75	19100	1.85	**TFAF 78**	**MY 112M4**	273
	56	685	25.50*	19300	2.2	**TF 78**	**MY 112M4**	272
	66	575	21.43	19500	2.6	**TFF 78**	**MY 112M4**	273
	72	530	19.70	19600	2.8			
	52	735	27.41	11000	1.10	**TFA 68**	**MY 112M4**	270
	57	675	25.13	11400	1.20	**TFAF 68**	**MY 112M4**	269
	64	595	22.05	11900	1.40	**TF 68**	**MY 112M4**	268
	68	560	20.90*	12100	1.45	**TFF 68**	**MY 112M4**	269
	78	490	18.29	12400	1.65			
	86	445	16.48	12700	1.85			
	98	390	14.46	12900	2.1			
	111	345	12.76	13000	2.4			
	126	305	11.31	13000	2.7			
	147	260	9.66	13000	3.2			
	156	245	9.08	13000	2.2			
	165	230	8.60	12800	2.5			
	189	205	7.53	12400	3.0			
	209	183	6.78	12100	3.4			
	239	160	5.95	11700	3.8			
	270	141	5.25	11400	4.2			
	305	125	4.66	11000	4.5			
	357	107	3.97	10600	4.7			
	67	570	21.17	6490	1.05	**TFA 58**	**MY 112M4**	266
	74	515	19.11	6490	1.15	**TFAF 58**	**MY 112M4**	265
	84	450	16.81	6450	1.35	**TF 58**	**MY 112M4**	264
	89	425	15.88	6430	1.40	**TFF 58**	**MY 112M4**	265
	105	365	13.52	6340	1.65	**TFA 58**	**MY 112M4**	266
	116	330	12.29	6270	1.80	**TFAF 58**	**MY 112M4**	265
	133	285	10.64	6150	2.1	**TF 58**	**MY 112M4**	264
	153	250	9.31	5850	1.70	**TFF 58**	**MY 112M4**	265
	173	220	8.19	5730	1.90			

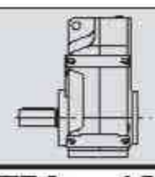
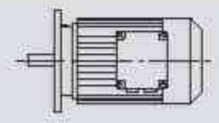
P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	Fr_2 [N]	fs			Page
4.0	184	210	7.73	5680	2.0	**TFA 58**	**MY 112M4**	266
	216	177	6.58	5510	2.4	**TFAF 58**	**MY 112M4**	265
	237	161	5.98	5410	2.6	**TF 58**	**MY 112M4**	264
	274	139	5.18	5250	3.0	**TFF 58**	**MY 112M4**	265
5.5	2.5	19400	576	95800	0.95	**TFA 158 / TRF98**	**MY 132S4**	296
	2.8	16900	503	103400	1.05	**TFAF 158 / TRF98**	**MY 132S4**	296
	3.2	15100	446	107800	1.20	**TF 158 / TRF98**	**MY 132S4**	296
	4.1	11800	353	114400	1.50	**TFF 158 / TRF98**	**MY 132S4**	296
	4.7	10300	302	116900	1.75			
	5.2	9250	273	118300	1.95			
	6.2	7810	232	120000	2.3			
	7.1	6790	202	120000	2.7			
	7.3	6620	197	120000	2.7			
	3.4	14200	418	86100	0.85	**TFA 128 / TRF88**	**MY 132S4**	296
	3.8	12700	374	89000	0.95	**TFAF 128 / TRF88**	**MY 132S4**	296
	4.6	10600	312	90000	1.15	**TF 128 / TRF88**	**MY 132S4**	296
	4.9	9950	293	90000	1.20	**TFF 128 / TRF88**	**MY 132S4**	296
	5.5	8780	259	90000	1.35			
	6.4	7580	223	90000	1.60			
	3.3	14700	428	85200	0.80	**TFA 128 / TRF78**	**MY 132S4**	296
	3.8	12900	376	88700	0.95	**TFAF 128 / TRF78**	**MY 132S4**	296
						TF 128 / TRF78	**MY 132S4**	296
						TFF 128 / TRF78	**MY 132S4**	296
	2.6	19800	267.43	94600	0.90	**TFA 158**	**MY 160M8**	294
	3.3	16100	217.62*	105500	1.10	**TFAF 158**	**MY 160M8**	293
	4.0	13200	178.20*	111900	1.35	**TF 158**	**MY 160M8**	292
	4.4	12100	162.96	114000	1.50	**TFF 158**	**MY 160M8**	293
	5.0	10500	141.80*	116600	1.70			
	5.7	9260	125.14	118300	1.95			
	6.5	8030	108.49	119700	2.2			
	7.4	7140	96.53*	120000	2.5			
	8.3	6350	85.80*	120000	2.8			
	9.1	5800	78.46	120000	3.1			
	10	5050	68.28*	120000	3.6			
	4.2	12600	170.83	89200	0.95	**TFA 128**	**MY 160M8**	290
	4.6	11400	153.67*	90000	1.05	**TFAF 128**	**MY 160M8**	289
	5.7	9270	125.37	90000	1.30	**TF 128**	**MY 160M8**	288
	6.2	8460	114.34	90000	1.40	**TFF 128**	**MY 160M8**	289
	6.6	7910	215.37	49200	0.95	**TFA 108**	**MY 132S4**	286
	7.2	7320	199.31	50800	1.05	**TFAF 108**	**MY 132S4**	285
	8.0	6560	178.64	52700	1.15	**TF 108**	**MY 132S4**	284
	8.9	5920	161.28*	54200	1.30	**TFF 108**	**MY 132S4**	285
	9.8	5380	146.49	55500	1.45	**TFA 108**	**MY 132S4**	286
	11	4770	129.97	56800	1.60	**TFAF 108**	**MY 132S4**	285
	12	4330	117.94	57700	1.75	**TF 108**	**MY 132S4**	284
	14	3720	101.38*	59000	2.1	**TFF 108**	**MY 132S4**	285
	15	3400	92.47*	59600	2.3			
	16	3250	88.49	59900	2.4			
	17	3080	83.99	60200	2.5			
	11	4680	127.42	27400	0.90	**TFA 98**	**MY 132S4**	282
	13	4150	112.99	30300	1.05	**TFAF 98**	**MY 132S4**	281
	14	3750	102.16	31400	1.15	**TF 98**	**MY 132S4**	280
						TFF 98	**MY 132S4**	281
	15	3580	97.58	31900	1.20	**TFA 98**	**MY 132S4**	282
	16	3300	89.85	32600	1.30	**TFAF 98**	**MY 132S4**	281
	17	3180	86.59	32900	1.35	**TF 98**	**MY 132S4**	280
	18	2950	80.31	33400	1.45	**TFF 98**	**MY 132S4**	281
	19	2780	75.63	33800	1.55			
	20	2660	72.29	34100	1.60			
	22	2400	65.47	34600	1.80			
	25	2130	58.06	34500	2.0			
	27	1930	52.49	33900	2.2			

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	Fr_2 [N]	fs			Page
5.5	16	3230	88.01	5760	0.95	**TFA 88**	**MY 132S4**	278
	19	2810	76.39	21200	1.05	**TFAF 88**	**MY 132S4**	277
	21	2510	68.40	21200	1.20	**TF 88**	**MY 132S4**	276
	25	2080	56.75	21000	1.45	**TFF 88**	**MY 132S4**	277
	28	1850	50.36	20800	1.60	**TFA 88**	**MY 132S4**	278
	32	1660	45.28	20500	1.70	**TFAF 88**	**MY 132S4**	277
	36	1440	39.30	20100	1.90	**TF 88**	**MY 132S4**	276
	41	1290	35.19	19800	2.0	**TFF 88**	**MY 132S4**	277
	49	1070	29.20	19100	2.3			
	42	1250	33.92	19700	2.1	**TFA 88**	**MY 132S4**	278
	50	1060	28.78	19100	2.3	**TFAF 88**	**MY 132S4**	277
	54	970	26.50	18800	3.1	**TF 88**	**MY 132S4**	276
	60	870	23.68	18400	3.5	**TFF 88**	**MY 132S4**	277
	30	1780	48.37	13500	0.85	**TFA 78**	**MY 132S4**	274
	33	1600	43.58	15000	0.95	**TFAF 78**	**MY 132S4**	273
	37	1400	38.23	16300	1.05	**TF 78**	**MY 132S4**	272
	42	1240	33.74	17300	1.20	**TFF 78**	**MY 132S4**	273
	48	1100	29.91	17900	1.35			
	56	940	25.54	18500	1.55			
	56	940	25.50*	18500	1.60	**TFA 78**	**MY 132S4**	274
	67	785	21.43	19000	1.90	**TFAF 78**	**MY 132S4**	273
	73	725	19.70	19200	2.1	**TF 78**	**MY 132S4**	272
	82	645	17.49	19400	2.3	**TFF 78**	**MY 132S4**	273
	91	575	15.64*	19600	2.6			
	102	515	14.06	19300	2.9			
	117	450	12.20	18600	3.4			
	65	810	22.05	10400	1.00	**TFA 68**	**MY 132S4**	270
	68	770	20.90*	10800	1.05	**TFAF 68**	**MY 132S4**	269
	78	670	18.29	11500	1.20	**TF 68**	**MY 132S4**	268
	87	605	16.48	11900	1.35	**TFF 68**	**MY 132S4**	269
	99	530	14.46	12300	1.55			
	112	470	12.76	12500	1.75			
	126	415	11.31	12800	1.95			
	148	355	9.66	12900	2.3			
	158	335	9.08	12400	1.60			
	166	315	8.60	12300	1.80			
	190	275	7.53	12000	2.2			
	211	250	6.78	11700	2.5			
	240	220	5.95	11400	2.8			
	272	193	5.25	11100	3.1			
	307	171	4.66	10700	3.3			
	360	146	3.97	10300	3.4			
	85	620	16.81	5450	0.95	**TFA 58**	**MY 132S4**	266
	90	585	15.88	5480	1.05	**TFAF 58**	**MY 132S4**	265
	106	495	13.52	5530	1.20	**TF 58**	**MY 132S4**	264
	116	450	12.29	5530	1.35	**TFF 58**	**MY 132S4**	265
	134	390	10.64	5510	1.55			
	175	300	8.19	5190	1.40			
	185	285	7.73	5160	1.50			
	217	240	6.58	5070	1.75			
	239	220	5.98	5010	1.90			
	276	190	5.18	4900	2.2			
7.5	4.6	14500	312	85500	0.85	**TFA 128 / TRF88**	**MY 132M4**	296
	4.9	13600	293	87300	0.90	**TFAF 128 / TRF88**	**MY 132M4**	296
	5.5	12000	259	90000	1.00	**TF 128 / TRF88**	**MY 132M4**	296
	6.4	10400	223	90000	1.15	**TFF 128 / TRF88**	**MY 132M4**	296
	7.2	9190	198	90000	1.30			
	3.3	21600	217.62*	87600	0.85	**TFA 158**	**MY 160L8**	294
	4.0	17700	178.20*	101100	1.00	**TFAF 158**	**MY 160L8**	293
	4.4	16200	162.96	105200	1.10	**TF 158**	**MY 160L8**	292
	5.1	14100	141.80*	110100	1.30	**TFF 158**	**MY 160L8**	293
	5.8	12400	125.14	113300	1.45			
	6.6	10800	108.49	116100	1.65			

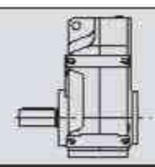
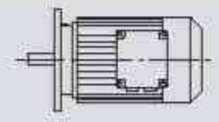
P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	Fr_2 [N]	fs			Page
7.5	7.5	9600	96.53*	117800	1.85	**TFA 158**	**MY 160L8**	294
	8.4	8530	85.80*	119200	2.1	**TFAF 158**	**MY 160L8**	293
	9.2	7810	78.46	120000	2.3	**TF 158**	**MY 160L8**	292
	11	6790	68.28*	120000	2.7	**TFF 158**	**MY 160L8**	293
	12	5990	60.25	120000	3.0			
	14	5200	52.24	120000	3.5			
	15	4620	46.48*	120000	3.9			
	18	3980	40.06	120000	4.5			
	3.6	20000	267.43	94000	0.90	**TFA 158**	**MY 160M6**	294
	4.4	16200	217.62*	105100	1.10	**TFAF 158**	**MY 160M6**	293
	5.4	13300	178.20*	111700	1.35	**TF 158**	**MY 160M6**	292
	5.9	12200	162.96	113800	1.50	**TFF 158**	**MY 160M6**	293
	6.8	10600	141.80*	116400	1.70			
	7.7	9340	125.14	118200	1.95			
	8.8	8090	108.49	119700	2.2			
	10	7200	96.53*	120000	2.5			
	11	6400	85.80*	120000	2.8			
	12	5850	78.46	120000	3.1			
	14	5090	68.28*	120000	3.5			
	16	4500	60.25	120000	4.0			
	18	3900	52.24	119300	4.6			
	5.7	12500	125.37	89500	0.95	**TFA 128**	**MY 160L8**	290
	6.3	11400	114.34	90000	1.05	**TFAF 128**	**MY 160L8**	289
	7.3	9840	98.95	90000	1.20	**TF 128**	**MY 160L8**	288
	8.2	8690	87.31*	90000	1.40	**TFF 128**	**MY 160L8**	289
	5.6	12700	170.83	89000	0.95	**TFA 128**	**MY 160M6**	290
	6.2	11500	153.67*	90000	1.05	**TFAF 128**	**MY 160M6**	289
	7.7	9350	125.37	90000	1.30	**TF 128**	**MY 160M6**	288
	8.4	8530	114.34	90000	1.40	**TFF 128**	**MY 160M6**	289
	8.4	8560	170.83	90000	1.40	**TFA 128**	**MY 132M4**	290
	9.3	7700	153.67*	90000	1.55	**TFAF 128**	**MY 132M4**	289
	11	6280	125.37	90000	1.90	**TF 128**	**MY 132M4**	288
						TFF 128	**MY 132M4**	289
	8.0	8950	178.64	46300	0.85	**TFA 108**	**MY 132M4**	286
	8.9	8080	161.28*	48700	0.95	**TFAF 108**	**MY 132M4**	285
	9.8	7340	146.49	50700	1.05	**TF 108**	**MY 132M4**	284
	11	6510	129.97	52800	1.20	**TFF 108**	**MY 132M4**	285
	12	5910	117.94	54200	1.30	**TFA 108**	**MY 132M4**	286
	14	5080	101.38*	56100	1.50	**TFAF 108**	**MY 132M4**	285
	15	4630	92.47*	57100	1.65	**TF 108**	**MY 132M4**	284
	16	4430	88.49	57500	1.75	**TFF 108**	**MY 132M4**	285
	17	4210	83.99	58000	1.85			
	19	3730	74.52	59000	2.1			
	21	3390	67.62	59600	2.3			
	15	4890	97.58	19300	0.90	**TFA 98**	**MY 132M4**	282
	16	4500	89.85	29300	0.95	**TFAF 98**	**MY 132M4**	281
	17	4340	86.59	29800	1.00	**TF 98**	**MY 132M4**	280
	18	4020	80.31	30700	1.05	**TFF 98**	**MY 132M4**	281
	19	3790	75.63	31300	1.15			
	20	3620	72.29	31800	1.20			
	22	3280	65.47	32200	1.30	**TFA 98**	**MY 132M4**	282
	25	2910	58.06	31800	1.50	**TFAF 98**	**MY 132M4**	281
	27	2630	52.49	31400	1.65	**TF 98**	**MY 132M4**	280
	32	2230	44.49	30600	1.95	**TFF 98**	**MY 132M4**	281
	37	1950	38.86	29900	2.2			
	44	1630	32.50	28900	2.6			
	33	2170	43.28	30500	1.40	**TFA 98**	**MY 132M4**	282
	39	1840	36.64	29600	1.65	**TFAF 98**	**MY 132M4**	281
	42	1700	33.91	29200	2.5	**TF 98**	**MY 132M4**	280
	47	1520	30.39	28500	2.8	**TFF 98**	**MY 132M4**	281

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	Fr_2 [N]	fs			Page
7.5	25	2840	56.75	18100	1.05	**TFA 88**	**MY 132M4**	278
	28	2520	50.36	18200	1.15	**TFAF 88**	**MY 132M4**	277
	32	2270	45.28	18200	1.25	**TF 88**	**MY 132M4**	276
	36	1970	39.30	18100	1.40	**TFF 88**	**MY 132M4**	277
	41	1760	35.19	18000	1.50			
	49	1460	29.20	17600	1.70			
	50	1440	28.78	17600	1.70	**TFA 88**	**MY 132M4**	278
	54	1330	26.50	17400	2.3	**TFAF 88**	**MY 132M4**	277
	60	1190	23.68	17100	2.5	**TF 88**	**MY 132M4**	276
	67	1070	21.32*	16800	2.8	**TFF 88**	**MY 132M4**	277
	74	970	19.31	16500	3.1			
	84	860	17.12	16200	3.5			
	92	775	15.48	15900	3.9			
	42	1690	33.74	14300	0.90	**TFA 78**	**MY 132M4**	274
	48	1500	29.91	15700	1.00	**TFAF 78**	**MY 132M4**	273
	56	1280	25.54	17000	1.15	**TF 78**	**MY 132M4**	272
						TFF 78	**MY 132M4**	273
	56	1280	25.50*	17100	1.15	**TFA 78**	**MY 132M4**	274
	67	1070	21.43	18000	1.40	**TFAF 78**	**MY 132M4**	273
	73	990	19.70	18400	1.50	**TF 78**	**MY 132M4**	272
	82	880	17.49	18800	1.70	**TFF 78**	**MY 132M4**	273
	91	785	15.64*	19000	1.90			
	102	705	14.06	18600	2.1			
	117	610	12.20	18000	2.5			
	131	545	10.93	17600	2.7			
	154	465	9.30	16500	2.3			
	173	415	8.26	16100	2.6			
	194	370	7.39	15700	2.9			
	215	335	6.64	15300	3.3	**TFA 78**	**MY 132M4**	274
	248	290	5.76	14800	3.7	**TFAF 78**	**MY 132M4**	273
	277	260	5.16	14500	4.2	**TF 78**	**MY 132M4**	272
	334	215	4.28	13800	4.7	**TFF 78**	**MY 132M4**	273
9.2	4.1	19900	353	94200	0.90	**TFA 158 / TRF98**	**MY 132ML4**	296
	4.8	17200	302	102700	1.05	**TFAF 158 / TRF98**	**MY 132ML4**	296
	5.3	15500	273	107000	1.15	**TF 158 / TRF98**	**MY 132ML4**	296
	6.2	13100	232	112100	1.35	**TFF 158 / TRF98**	**MY 132ML4**	296
	7.1	11400	202	115100	1.60			
	7.3	11100	197	115600	1.60			
	5.6	14700	259	85200	0.80	**TFA 128 / TRF88**	**MY 132ML4**	296
	6.5	12700	223	89100	0.95	**TFAF 128 / TRF88**	**MY 132ML4**	296
	7.3	11200	198	90000	1.05	**TF 128 / TRF88**	**MY 132ML4**	296
						TFF 128 / TRF88	**MY 132ML4**	296
	8.4	10400	170.83	90000	1.15	**TFA 128**	**MY 132ML4**	290
	9.4	9380	153.67*	90000	1.30	**TFAF 128**	**MY 132ML4**	289
	11	7650	125.37	90000	1.55	**TF 128**	**MY 132ML4**	288
	13	6980	114.34	90000	1.70	**TFF 128**	**MY 132ML4**	289
	15	6040	98.95	90000	2.0			
	9.8	8940	146.49	46300	0.85	**TFA 108**	**MY 132ML4**	286
	11	7930	129.97	49100	0.95	**TFAF 108**	**MY 132ML4**	285
	12	7200	117.94	51100	1.05	**TF 108**	**MY 132ML4**	284
	14	6180	101.38*	53600	1.25	**TFF 108**	**MY 132ML4**	285
	16	5640	92.47*	54900	1.35	**TFA 108**	**MY 132ML4**	286
	17	5120	83.99	56000	1.50	**TFAF 108**	**MY 132ML4**	285
	19	4550	74.52	57300	1.70	**TF 108**	**MY 132ML4**	284
	21	4130	67.62	58200	1.85	**TFF 108**	**MY 132ML4**	285
	25	3550	58.12*	58300	2.2			
	28	3100	50.73	56800	2.5			
	18	4900	80.31	18700	0.90	**TFA 98**	**MY 132ML4**	282
	19	4610	75.63	28900	0.95	**TFAF 98**	**MY 132ML4**	281
	20	4410	72.29	29600	0.95	**TF 98**	**MY 132ML4**	280
	22	3990	65.47	29600	1.10	**TFF 98**	**MY 132ML4**	281
	25	3540	58.06	29500	1.20			

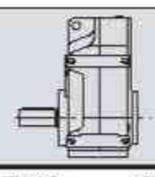
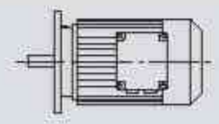
P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	Fr_2 [N]	fs			Page
9.2	27	3200	52.49	29300	1.35	**TFA 98**	**MY 132ML4**	282
	32	2710	44.49	28800	1.60	**TFAF 98**	**MY 132ML4**	281
	37	2370	38.86	28400	1.80	**TF 98**	**MY 132ML4**	280
	44	1980	32.50	27600	2.2	**TFF 98**	**MY 132ML4**	281
	42	2070	33.91	27800	2.1	**TFA 98**	**MY 132ML4**	282
	47	1850	30.39	27300	2.3	**TFAF 98**	**MY 132ML4**	281
	52	1670	27.44*	26800	2.6	**TF 98**	**MY 132ML4**	280
	58	1520	24.92	26300	2.8	**TFF 98**	**MY 132ML4**	281
	29	3070	50.36	16000	0.95	**TFA 88**	**MY 132ML4**	278
	32	2760	45.28	16200	1.00	**TFAF 88**	**MY 132ML4**	277
	37	2400	39.30	16400	1.15	**TF 88**	**MY 132ML4**	276
	41	2150	35.19	16400	1.20	**TFF 88**	**MY 132ML4**	277
	49	1780	29.20	16300	1.40			
	54	1620	26.50	16200	1.85	**TFA 88**	**MY 132ML4**	278
	61	1440	23.68	16100	2.1	**TFAF 88**	**MY 132ML4**	277
	68	1300	21.32*	15900	2.3	**TF 88**	**MY 132ML4**	276
	75	1180	19.31	15700	2.6	**TFF 88**	**MY 132ML4**	277
	84	1040	17.12	15400	2.9			
	93	940	15.48	15200	3.2			
	110	800	13.12*	14700	3.8			
	73	1200	19.70	17400	1.25	**TFA 78**	**MY 132ML4**	274
	82	1070	17.49	18000	1.40	**TFAF 78**	**MY 132ML4**	273
	92	950	15.64*	18300	1.55	**TF 78**	**MY 132ML4**	272
	102	860	14.06	18000	1.75	**TFF 78**	**MY 132ML4**	273
	118	745	12.20	17500	2.0			
	132	665	10.93	17100	2.3			
	155	570	9.30	16000	1.90			
	174	505	8.26	15600	2.1			
	195	450	7.39	15300	2.4			
	217	405	6.64	15000	2.7			
	250	350	5.76	14500	3.1			
	279	315	5.16	14200	3.4			
	336	260	4.28	13600	3.9			
11.0	4.8	20600	302	91800	0.90	**TFA 158 / TRF98**	**MY 160M4**	296
	5.3	18600	273	98600	0.95	**TFAF 158 / TRF98**	**MY 160M4**	296
	6.2	15700	232	106400	1.15	**TF 158 / TRF98**	**MY 160M4**	296
	7.1	13700	202	110900	1.30	**TFF 158 / TRF98**	**MY 160M4**	296
	7.3	13300	197	111700	1.35			
	6.5	15200	223	84100	0.80	**TFA 128 / TRF88**	**MY 160M4**	296
	7.3	13400	198	87700	0.90	**TFAF 128 / TRF88**	**MY 160M4**	296
	8.7	11300	166	90000	1.05	**TF 128 / TRF88**	**MY 160M4**	296
						TFF 128 / TRF88	**MY 160M4**	296
	5.1	20700	141.80*	91300	0.85	**TFA 158**	**MY 180L8**	294
	5.8	18300	125.14	99500	1.00	**TFAF 158**	**MY 180L8**	293
	6.6	15800	108.49	106100	1.15	**TF 158**	**MY 180L8**	292
	7.5	14100	96.53*	110100	1.30	**TFF 158**	**MY 180L8**	293
	5.4	19500	178.20*	95500	0.90	**TFA 158**	**MY 160L6**	294
	5.9	17800	162.96	100800	1.00	**TFAF 158**	**MY 160L6**	293
	6.8	15500	141.80*	106900	1.15	**TF 158**	**MY 160L6**	292
	7.7	13700	125.14	110900	1.30	**TFF 158**	**MY 160L6**	293
	8.8	11900	108.49	114300	1.50			
	10	10600	96.53*	116400	1.70			
	11	9390	85.80*	118100	1.90			
	12	8590	78.46	119100	2.1			
	5.4	19500	267.43	95500	0.90	**TFA 158**	**MY 160M4**	294
	6.6	15900	217.62*	106000	1.15	**TFAF 158**	**MY 160M4**	293
	8.1	13000	178.20*	112300	1.40	**TF 158**	**MY 160M4**	292
	8.8	11900	162.96	114300	1.50	**TFF 158**	**MY 160M4**	293
	10	10300	141.80*	116800	1.75			
	12	9130	125.14	118400	1.95			
	13	7910	108.49	119900	2.3			

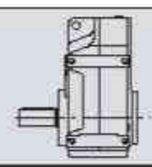
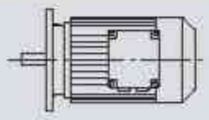
P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	Fr_2 [N]	fs			Page 
11.0	15	7040	96.53*	120000	2.6	**TFA 158**	**MY 160M4**	294
	17	6260	85.80*	118100	2.9	**TFAF 158**	**MY 160M4**	293
	18	5720	78.46	115700	3.1	**TF 158**	**MY 160M4**	292
	21	4980	68.28*	112000	3.6	**TFF 158**	**MY 160M4**	293
	7.7	13700	125.37	87100	0.85	**TFA 128**	**MY 160L6**	290
	8.4	12500	114.34	89500	0.95	**TFAF 128**	**MY 160L6**	289
	9.7	10800	98.95	90000	1.10	**TF 128**	**MY 160L6**	288
	11	9550	87.31*	90000	1.25	**TFF 128**	**MY 160L6**	289
	13	8250	75.41*	90000	1.45			
	8.4	12500	170.83	89500	0.95	**TFA 128**	**MY 160M4**	290
	9.4	11200	153.67*	90000	1.05	**TFAF 128**	**MY 160M4**	289
	11	9150	125.37	90000	1.30	**TF 128**	**MY 160M4**	288
	13	8340	114.34	90000	1.45	**TFF 128**	**MY 160M4**	289
	15	7220	98.95	90000	1.65			
	16	6370	87.31*	90000	1.9			
	19	5500	75.41*	88600	2.2			
	12	8600	117.94	47300	0.90	**TFA 108**	**MY 160M4**	286
	14	7400	101.38*	50600	1.05	**TFAF 108**	**MY 160M4**	285
	16	6750	92.47*	52200	1.15	**TF 108**	**MY 160M4**	284
						TFF 108	**MY 160M4**	285
	17	6130	83.99	53700	1.25	**TFA 108**	**MY 160M4**	286
	19	5440	74.52	55300	1.40	**TFAF 108**	**MY 160M4**	285
	21	4930	67.62	56500	1.55	**TF 108**	**MY 160M4**	284
	25	4240	58.12*	56400	1.80	**TFF 108**	**MY 160M4**	285
	28	3700	50.73	55100	2.1			
	33	3140	43.03	53500	2.5			
	43	2470	33.79*	51000	3.0	**TFA 108**	**MY 160M4**	286
	52	2010	27.57	48800	3.9	**TFAF 108**	**MY 160M4**	285
	57	1830	25.14	47800	4.3	**TF 108**	**MY 160M4**	284
						TFF 108	**MY 160M4**	285
	22	4780	65.47	24000	0.90	**TFA 98**	**MY 160M4**	282
	25	4240	58.06	27100	1.00	**TFAF 98**	**MY 160M4**	281
	27	3830	52.49	27100	1.10	**TF 98**	**MY 160M4**	280
						TFF 98	**MY 160M4**	281
	32	3250	44.49	27000	1.30	**TFA 98**	**MY 160M4**	282
	37	2830	38.86	26700	1.50	**TFAF 98**	**MY 160M4**	281
	44	2370	32.50	26200	1.80	**TF 98**	**MY 160M4**	280
						TFF 98	**MY 160M4**	281
	42	2470	33.91	26400	1.75	**TFA 98**	**MY 160M4**	282
	47	2220	30.39	26000	1.95	**TFAF 98**	**MY 160M4**	281
	52	2000	27.44*	25600	2.2	**TF 98**	**MY 160M4**	280
	58	1820	24.92	25200	2.4	**TFF 98**	**MY 160M4**	281
	65	1610	22.11	24700	2.7			
	37	2870	39.30	14600	0.95	**TFA 88**	**MY 160M4**	278
	41	2570	35.19	14800	1.00	**TFAF 88**	**MY 160M4**	277
	49	2130	29.20	15000	1.20	**TF 88**	**MY 160M4**	276
						TFF 88	**MY 160M4**	277
	54	1930	26.50	15000	1.55	**TFA 88**	**MY 160M4**	278
	61	1730	23.68	15000	1.75	**TFAF 88**	**MY 160M4**	277
	68	1560	21.32*	14900	1.95	**TF 88**	**MY 160M4**	276
	75	1410	19.31	14800	2.1	**TFF 88**	**MY 160M4**	277
	84	1250	17.12	14600	2.4			
	93	1130	15.48	14400	2.7			
	110	960	13.12*	14100	3.1			
	73	1440	19.70	16100	1.05	**TFA 78**	**MY 160M4**	274
	82	1280	17.49	17100	1.20	**TFAF 78**	**MY 160M4**	273
	92	1140	15.64*	17600	1.30	**TF 78**	**MY 160M4**	272
	102	1030	14.06	17400	1.45	**TFF 78**	**MY 160M4**	273
	118	890	12.20	17000	1.70			
	132	795	10.93	16700	1.90			
	155	680	9.30	15500	1.60			
	174	605	8.26	15200	1.80			
	195	540	7.39	14900	2.0			

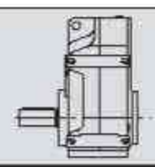
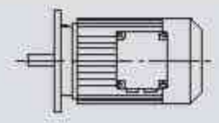
P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	Fr_2 [N]	fs			Page
11.0	217	485	6.64	14600	2.2	**TFA 78**	**MY 160M4**	274
	250	420	5.76	14200	2.6	**TFAF 78**	**MY 160M4**	273
	279	375	5.16	13900	2.9	**TF 78**	**MY 160M4**	272
	336	310	4.28	13300	3.2	**TFF 78**	**MY 160M4**	273
15.0	6.3	21200	232	89400	0.85	**TFA 158 / TRF98**	**MY 160L4**	296
	7.2	18500	202	98800	0.95	**TFAF 158 / TRF98**	**MY 160L4**	296
	7.4	18000	197	100400	1.00	**TF 158 / TRF98**	**MY 160L4**	296
						TFF 158 / TRF98	**MY 160L4**	296
	6.8	20900	141.80*	90400	0.85	**TFA 158**	**MY 180L6**	294
	7.8	18500	125.14	98800	0.95	**TFAF 158**	**MY 180L6**	293
	8.9	16000	108.49	105700	1.10	**TF 158**	**MY 180L6**	292
	10	14300	96.53*	109800	1.25	**TFF 158**	**MY 180L6**	293
	11	12700	85.80*	112900	1.40			
	6.7	21400	217.62*	88800	0.85	**TFA 158**	**MY 160L4**	294
	8.2	17500	178.20*	101800	1.05	**TFAF 158**	**MY 160L4**	293
	9.0	16000	162.96	105700	1.15	**TF 158**	**MY 160L4**	292
	10	13900	141.80*	110500	1.30	**TFF 158**	**MY 160L4**	293
	12	12300	125.14	113600	1.45			
	13	10600	108.49	116300	1.70			
	15	9470	96.53*	115800	1.90			
	17	8420	85.80*	113200	2.1			
	19	7700	78.46	111200	2.3			
	21	6700	68.28*	108000	2.7			
	24	5910	60.25	105100	3.1			
	9.8	14600	98.95	85300	0.80	**TFA 128**	**MY 180L6**	290
	11	12900	87.31*	88700	0.95	**TFAF 128**	**MY 180L6**	289
	13	11100	75.41*	88300	1.10	**TF 128**	**MY 180L6**	288
	14	10300	70.07	87600	1.15	**TFF 128**	**MY 180L6**	289
	15	9440	63.91	86700	1.25			
	12	12300	125.37	89000	1.00	**TFA 128**	**MY 160L4**	290
	13	11200	114.34	88300	1.05	**TFAF 128**	**MY 160L4**	289
	15	9710	98.95	87000	1.25	**TF 128**	**MY 160L4**	288
	17	8570	87.31*	85600	1.40	**TFF 128**	**MY 160L4**	289
	19	7400	75.41*	83800	1.60			
	21	6870	70.07	82800	1.75			
	16	9070	92.47*	45900	0.85	**TFA 108**	**MY 160L4**	286
	17	8680	88.49	47100	0.90	**TFAF 108**	**MY 160L4**	285
	17	8240	83.99	48300	0.95	**TF 108**	**MY 160L4**	284
	20	7310	74.52	50800	1.05	**TFF 108**	**MY 160L4**	285
	22	6630	67.62	52500	1.15			
	25	5700	58.12*	52200	1.35	**TFA 108**	**MY 160L4**	286
	29	4980	50.73	51500	1.55	**TFAF 108**	**MY 160L4**	285
	34	4220	43.03	50400	1.80	**TF 108**	**MY 160L4**	284
	39	3690	37.61	49300	2.1	**TFF 108**	**MY 160L4**	285
	46	3120	31.80	48000	2.5			
	43	3320	33.79*	48500	2.2	**TFA 108**	**MY 160L4**	286
	53	2700	27.57	46700	2.9	**TFAF 108**	**MY 160L4**	285
	58	2470	25.14	45900	3.2	**TF 108**	**MY 160L4**	284
	67	2130	21.76*	44500	3.7	**TFF 108**	**MY 160L4**	285
	33	4360	44.49	22900	1.00	**TFA 98**	**MY 160L4**	282
	38	3810	38.86	23100	1.15	**TFAF 98**	**MY 160L4**	281
	45	3190	32.50	23200	1.35	**TF 98**	**MY 160L4**	280
						TFF 98	**MY 160L4**	281
	43	3330	33.91	23200	1.30	**TFA 98**	**MY 160L4**	282
	48	2980	30.39	23200	1.45	**TFAF 98**	**MY 160L4**	281
	53	2690	27.44*	23100	1.60	**TF 98**	**MY 160L4**	280
	59	2450	24.92	22900	1.75	**TFF 98**	**MY 160L4**	281
	66	2170	22.11	22600	2.0			
	73	1970	20.07	22400	2.2			
	85	1690	17.25*	21900	2.5			
	97	1480	15.06	21400	2.9			
	114	1250	12.77	20800	3.4			
	131	1100	11.16	20200	3.7			

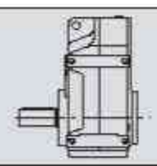
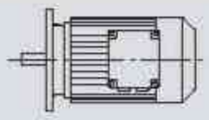
P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	Fr_2 [N]	fs			Page
15.0	55	2600	26.50	12300	1.15	**TFA 88**	**MY 160L4**	278
	62	2320	23.68	12600	1.30	**TFAF 88**	**MY 160L4**	277
	68	2090	21.32*	12700	1.45	**TF 88**	**MY 160L4**	276
	76	1890	19.31	12800	1.60	**TFF 88**	**MY 160L4**	277
	85	1680	17.12	12900	1.80			
	94	1520	15.48	12800	2.0			
	111	1290	13.12*	12700	2.3			
	127	1120	11.46	12600	2.7			
	152	940	9.58	12300	3.1			
	176	810	8.29	11700	1.90			
	199	720	7.35	11500	2.1			
	220	650	6.65	11300	2.4			
	259	555	5.63	11000	2.8			
	297	485	4.92	10700	3.2			
	355	405	4.12	10300	3.6			
18.5	7.2	22800	202	70200	0.80	**TFA 158 / TRF98**	**MY 180M4**	296
	7.5	22100	197	83800	0.80	**TFAF 158 / TRF98**	**MY 180M4**	296
						TF 158 / TRF98	**MY 180M4**	296
						TFF 158 / TRF98	**MY 180M4**	296
	8.2	21500	178.20*	88200	0.85	**TFA 158**	**MY 180M4**	294
	9.0	19700	162.96	95000	0.90	**TFAF 158**	**MY 180M4**	293
	10	17100	141.80*	102800	1.05	**TF 158**	**MY 180M4**	292
	12	15100	125.14	107900	1.20	**TFF 158**	**MY 180M4**	293
	14	13100	108.49	112100	1.40			
	15	11600	96.53*	111300	1.55			
	17	10300	85.80*	109300	1.75			
	19	9460	78.46	107600	1.90			
	21	8230	68.28*	104900	2.2			
	24	7270	60.25	102300	2.5			
	28	6300	52.24	99300	2.9			
	13	13800	114.34	82200	0.85	**TFA 128**	**MY 180M4**	290
	15	11900	98.95	81700	1.00	**TFAF 128**	**MY 180M4**	289
	17	10500	87.31*	80900	1.15	**TF 128**	**MY 180M4**	288
	19	9090	75.41*	79700	1.30	**TFF 128**	**MY 180M4**	289
	21	8450	70.07	79000	1.40			
	23	7710	63.91	78100	1.55			
	26	6670	55.31	76400	1.80			
	30	5880	48.80	74900	2.0			
	20	8990	74.52	46200	0.85	**TFA 108**	**MY 180M4**	286
	22	8150	67.62	48500	0.95	**TFAF 108**	**MY 180M4**	285
	25	7010	58.12*	48700	1.10	**TF 108**	**MY 180M4**	284
	29	6120	50.73	48400	1.25	**TFF 108**	**MY 180M4**	285
	34	5190	43.03	47700	1.50	**TFA 108**	**MY 180M4**	286
	39	4540	37.61	47000	1.70	**TFAF 108**	**MY 180M4**	285
	46	3830	31.80	46000	2.0	**TF 108**	**MY 180M4**	284
						TFF 108	**MY 180M4**	285
	43	4070	33.79*	46400	1.80	**TFA 108**	**MY 180M4**	286
	53	3320	27.57	45000	2.4	**TFAF 108**	**MY 180M4**	285
	58	3030	25.14	44300	2.6	**TF 108**	**MY 180M4**	284
	67	2620	21.76*	43200	3.0	**TFF 108**	**MY 180M4**	285
	38	4690	38.86	20000	0.90	**TFA 98**	**MY 180M4**	282
	45	3920	32.50	20600	1.10	**TFAF 98**	**MY 180M4**	281
						TF 98	**MY 180M4**	280
						TFF 98	**MY 180M4**	281
	53	3310	27.44*	20900	1.30	**TFA 98**	**MY 180M4**	282
	59	3010	24.92	20900	1.45	**TFAF 98**	**MY 180M4**	281
	66	2670	22.11	20900	1.60	**TF 98**	**MY 180M4**	280
	73	2420	20.07	20800	1.80	**TFF 98**	**MY 180M4**	281
	85	2080	17.25*	20500	2.1			
	97	1820	15.06	20200	2.4			
	115	1540	12.77	19800	2.8			
	131	1350	11.16	19300	3.1			

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	Fr_2 [N]	fs			Page
18.5	69	2570	21.32*	10900	1.15	**TFA 88**	**MY 180M4**	278
	76	2330	19.31	11100	1.30	**TFAF 88**	**MY 180M4**	277
	86	2060	17.12	11400	1.45	**TF 88**	**MY 180M4**	276
	95	1870	15.48	11500	1.60	**TFF 88**	**MY 180M4**	277
	112	1580	13.12*	11600	1.90			
	128	1380	11.46	11600	2.2			
	153	1160	9.58	11500	2.5			
	177	1000	8.29	10900	1.55			
	199	890	7.35	10800	1.75			
	220	800	6.65	10700	1.90			
	260	680	5.63	10400	2.3			
	298	595	4.92	10200	2.6			
	356	495	4.12	9900	2.9			
22.0	10	20900	96.53*	90500	0.85	**TFA 158**	**MY 200L6**	294
	11	18600	85.80*	98500	0.95	**TFAF 158**	**MY 200L6**	293
	12	17000	78.46	103100	1.05	**TF 158**	**MY 200L6**	292
	14	14800	68.28*	107700	1.20	**TFF 158**	**MY 200L6**	293
	10	20300	141.80*	92600	0.90	**TFA 158**	**MY 180L4**	294
	12	17900	125.14	100400	1.00	**TFAF 158**	**MY 180L4**	293
	14	15600	108.49	106800	1.15	**TF 158**	**MY 180L4**	292
	15	13800	96.53*	106900	1.30	**TFF 158**	**MY 180L4**	293
	17	12300	85.80*	105400	1.45			
	19	11300	78.46	104000	1.60			
	21	9790	68.28*	101700	1.85			
	24	8640	60.25	99600	2.1			
	28	7490	52.24	97000	2.4			
	32	6660	46.48*	94800	2.7			
	37	5740	40.06	91900	3.1			
	45	4670	32.55	87800	3.9			
	15	14200	98.95	76400	0.85	**TFA 128**	**MY 180L4**	290
	17	12500	87.31*	76300	0.95	**TFAF 128**	**MY 180L4**	289
	19	10800	75.41*	75700	1.10	**TF 128**	**MY 180L4**	288
	21	10000	70.07	75300	1.20	**TFF 128**	**MY 180L4**	289
	23	9160	63.91	74700	1.30			
	26	7930	55.31	73500	1.50			
	30	7000	48.80	72300	1.70			
	35	6040	42.15	70700	2.0			
	25	8330	58.12*	45200	0.90	**TFA 108**	**MY 180L4**	286
	29	7280	50.73	45300	1.05	**TFAF 108**	**MY 180L4**	285
	34	6170	43.03	45100	1.25	**TF 108**	**MY 180L4**	284
						TFF 108	**MY 180L4**	285
	39	5390	37.61	44800	1.40	**TFA 108**	**MY 180L4**	286
	46	4560	31.80	44100	1.70	**TFAF 108**	**MY 180L4**	285
						TF 108	**MY 180L4**	284
						TFF 108	**MY 180L4**	285
	43	4850	33.79*	44300	1.55	**TFA 108**	**MY 180L4**	286
	53	3950	27.57	43300	2.0	**TFAF 108**	**MY 180L4**	285
	58	3610	25.14	42800	2.2	**TF 108**	**MY 180L4**	284
	67	3120	21.76*	41900	2.5	**TFF 108**	**MY 180L4**	285
	76	2750	19.20*	41000	2.9			
	53	3940	27.44*	18700	1.10	**TFA 98**	**MY 180L4**	282
	59	3570	24.92	18900	1.20	**TFAF 98**	**MY 180L4**	281
	66	3170	22.11	19100	1.35	**TF 98**	**MY 180L4**	280
	73	2880	20.07	19200	1.50	**TFF 98**	**MY 180L4**	281
	85	2470	17.25*	19100	1.75			
	97	2160	15.06	19000	2.0			
	115	1830	12.77	18700	2.4			
	131	1600	11.16	18400	2.6			
	69	3060	21.32*	8990	1.00	**TFA 88**	**MY 180L4**	278
	76	2770	19.31	9430	1.10	**TFAF 88**	**MY 180L4**	277
	86	2460	17.12	9850	1.20	**TF 88**	**MY 180L4**	276
	95	2220	15.48	10100	1.35	**TFF 88**	**MY 180L4**	277
	112	1880	13.12*	10400	1.60			

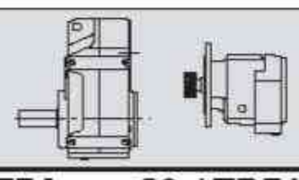
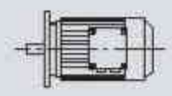
P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	Fr_2 [N]	fs			Page
22.0	128	1640	11.46	10600	1.85	**TFA 88**	**MY 180L4**	278
	153	1370	9.58	10600	2.1	**TFAF 88**	**MY 180L4**	277
	177	1190	8.29	10100	1.30	**TF 88**	**MY 180L4**	276
	199	1050	7.35	10100	1.45	**TFF 88**	**MY 180L4**	277
	220	950	6.65	10000	1.60			
	260	810	5.63	9900	1.90			
	298	705	4.92	9750	2.2			
	356	590	4.12	9500	2.5			
30	14	21100	108.49	89600	0.85	**TFA 158**	**MY 200L4**	294
	15	18800	96.53*	96900	0.95	**TFAF 158**	**MY 200L4**	293
	17	16700	85.80*	96400	1.10	**TF 158**	**MY 200L4**	292
	19	15300	78.46	95800	1.20	**TFF 158**	**MY 200L4**	293
	22	13300	68.28*	94600	1.35			
	24	11700	60.25	93300	1.55			
	28	10200	52.24	91500	1.75			
	32	9060	46.48*	89900	2.0			
	37	7810	40.06	87700	2.3			
	19	14700	75.41*	66600	0.80	**TFA 128**	**MY 200L4**	290
	21	13700	70.07	66800	0.90	**TFAF 128**	**MY 200L4**	289
	23	12500	63.91	66900	0.95	**TF 128**	**MY 200L4**	288
	27	10800	55.31	66700	1.10	**TFF 128**	**MY 200L4**	289
	30	9510	48.80	66300	1.25			
	35	8210	42.15	65500	1.45			
	39	7270	37.28	64700	1.65			
	47	6110	31.33	63200	1.95			
	58	4930	25.30	61200	2.4			
	55	5240	26.86	61800	1.60	**TFA 128**	**MY 200L4**	290
	60	4790	24.57	60900	1.80	**TFAF 128**	**MY 200L4**	289
	69	4170	21.38	59400	2.9	**TF 128**	**MY 200L4**	288
	78	3680	18.87	58000	3.0	**TFF 128**	**MY 200L4**	289
	34	8390	43.03	39200	0.90	**TFA 108**	**MY 200L4**	286
	39	7330	37.61	39600	1.05	**TFAF 108**	**MY 200L4**	285
	46	6200	31.80	39700	1.25	**TF 108**	**MY 200L4**	284
						TFF 108	**MY 200L4**	285
	53	5370	27.57	39500	1.45	**TFA 108**	**MY 200L4**	286
	58	4900	25.14	39300	1.60	**TFAF 108**	**MY 200L4**	285
	68	4240	21.76*	38800	1.85	**TF 108**	**MY 200L4**	284
	77	3740	19.20*	38300	2.1	**TFF 108**	**MY 200L4**	285
	89	3230	16.58	37600	2.4	**TFA 108**	**MY 200L4**	286
	100	2860	14.67	36900	2.7	**TFAF 108**	**MY 200L4**	285
	119	2400	12.33	35900	2.9	**TF 108**	**MY 200L4**	284
	148	1940	9.96	34500	3.4	**TFF 108**	**MY 200L4**	285
	66	4310	22.11	15100	1.00	**TFA 98**	**MY 200L4**	282
	73	3910	20.07	15500	1.10	**TFAF 98**	**MY 200L4**	281
	85	3360	17.25*	16000	1.30	**TF 98**	**MY 200L4**	280
	98	2930	15.06	16300	1.45	**TFF 98**	**MY 200L4**	281
	115	2490	12.77	16400	1.75			
	132	2180	11.16	16400	1.90			
	162	1770	9.06	15400	1.35			
	179	1600	8.22	15300	1.45			
	208	1380	7.07	15100	1.70			
	238	1200	6.17	14900	1.85			
	281	1020	5.23	14600	2.1			
	321	890	4.57	14300	2.3			
37	17	20600	85.80*	88600	0.85	**TFA 158**	**MY 225S4**	294
	19	18900	78.46	88700	0.95	**TFAF 158**	**MY 225S4**	293
	22	16400	68.28*	88400	1.10	**TF 158**	**MY 225S4**	292
	24	14500	60.25	87800	1.25	**TFF 158**	**MY 225S4**	293
	28	12600	52.24	86800	1.45			
	32	11200	46.48*	85700	1.60			
	37	9630	40.06	84000	1.85			
	45	7820	32.55	81400	2.3			
	53	6630	27.60	79100	2.7			

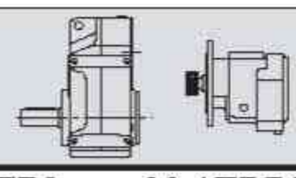
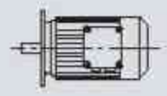
P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	Fr_2 [N]	fs			Page
37	27	13300	55.31	60900	0.90	**TFA 128**	**MY 225S4**	290
	30	11700	48.80	61100	1.00	**TFAF 128**	**MY 225S4**	289
	35	10100	42.15	61100	1.20	**TF 128**	**MY 225S4**	288
	39	8960	37.28	60700	1.35	**TFF 128**	**MY 225S4**	289
	47	7530	31.33	59900	1.60			
	58	6080	25.30	58500	1.95			
	55	6460	26.86	58900	1.30	**TFA 128**	**MY 225S4**	290
	60	5910	24.57	58300	1.45	**TFAF 128**	**MY 225S4**	289
	69	5140	21.38	57100	2.3	**TF 128**	**MY 225S4**	288
	78	4530	18.87	56000	2.4	**TFF 128**	**MY 225S4**	289
	90	3930	16.36	54600	2.8			
	101	3500	14.55	53400	3.1			
	117	3010	12.54	51900	3.3			
	144	2450	10.19	49600	3.9			
	166	2130	8.86	47700	3.3			
	186	1890	7.88	46500	3.2			
	53	6630	27.57	36200	1.20	**TFA 108**	**MY 225S4**	286
	58	6040	25.14	36200	1.30	**TFAF 108**	**MY 225S4**	285
	68	5230	21.76*	36200	1.50	**TF 108**	**MY 225S4**	284
	77	4610	19.20*	36000	1.70	**TFF 108**	**MY 225S4**	285
	89	3990	16.58	35600	1.95			
	100	3530	14.67	35100	2.2			
	119	2960	12.33	34400	2.4			
	148	2390	9.96	33300	2.7			
	152	2330	9.69	32400	2.1			
	176	2010	8.37	31700	2.4			
	199	1780	7.40	31000	2.6			
	236	1500	6.22	30000	3.1			
45	22	20000	68.28*	81300	0.90	**TFA 158**	**MY 225M4**	294
	24	17600	60.25	81600	1.00	**TFAF 158**	**MY 225M4**	293
	28	15300	52.24	81300	1.20	**TF 158**	**MY 225M4**	292
	32	13600	46.48*	80900	1.30	**TFF 158**	**MY 225M4**	293
	37	11700	40.06	79900	1.55	**TFA 158**	**MY 225M4**	294
	45	9510	32.55	78000	1.90	**TFAF 158**	**MY 225M4**	293
	53	8070	27.60	76200	2.2	**TF 158**	**MY 225M4**	292
						TFF 158	**MY 225M4**	293
	30	14300	48.80	55200	0.85	**TFA 128**	**MY 225M4**	290
	35	12300	42.15	56000	0.95	**TFAF 128**	**MY 225M4**	289
	39	10900	37.28	56200	1.10	**TF 128**	**MY 225M4**	288
	47	9160	31.33	56100	1.30	**TFF 128**	**MY 225M4**	289
	58	7400	25.30	55400	1.60			
	55	7850	26.86	55700	1.10	**TFA 128**	**MY 225M4**	290
	60	7180	24.57	55300	1.20	**TFAF 128**	**MY 225M4**	289
	69	6250	21.38	54500	1.90	**TF 128**	**MY 225M4**	288
	78	5520	18.87	53700	2.0	**TFF 128**	**MY 225M4**	289
	90	4780	16.36	52600	2.3			
	101	4250	14.55	51600	2.6			
	117	3670	12.54	50300	2.7			
	144	2980	10.19	48400	3.2			
	166	2590	8.86	46600	2.7			
	186	2300	7.88	45500	2.6			
	216	1990	6.80	44000	3.5			
	266	1610	5.52	42000	3.7			
	53	8060	27.57	32400	0.95	**TFA 108**	**MY 225M4**	286
	58	7350	25.14	32800	1.05	**TFAF 108**	**MY 225M4**	285
	68	6360	21.76*	33200	1.25	**TF 108**	**MY 225M4**	284
	77	5610	19.20*	33300	1.40	**TFF 108**	**MY 225M4**	285
	89	4850	16.58	33300	1.60			
	100	4290	14.67	33100	1.80			
	119	3600	12.33	32700	1.95			
	148	2910	9.96	31900	2.2			

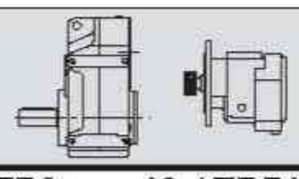
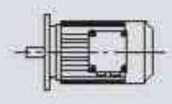
P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	Fr_2 [N]	fs			Page 
45	152	2830	9.69	31000	1.75	**TFA 108**	**MY 225M4**	286
	176	2450	8.37	30400	1.95	**TFAF 108**	**MY 225M4**	285
	199	2160	7.40	29900	2.1	**TF 108**	**MY 225M4**	284
	236	1820	6.22	29100	2.5	**TFF 108**	**MY 225M4**	285
55	24	21500	60.25	73800	0.85	**TFA 158**	**MY 250M4**	294
	28	18600	52.24	74600	0.95	**TFAF 158**	**MY 250M4**	293
	32	16500	46.48*	74800	1.10	**TF 158**	**MY 250M4**	292
	37	14300	40.06	74700	1.25	**TFF 158**	**MY 250M4**	293
	45	11600	32.55	73800	1.55			
	53	9830	27.60	72600	1.85			
	52	10200	28.60*	72900	1.65	**TFA 158**	**MY 250M4**	294
	58	9060	25.43	71900	1.65	**TFAF 158**	**MY 250M4**	293
	67	7890	22.16	70600	2.3	**TF 158**	**MY 250M4**	292
	75	7040	19.77	69400	2.4	**TFF 158**	**MY 250M4**	293
	88	6000	16.85	67600	3.0			
	40	13300	37.28	50600	0.90	**TFA 128**	**MY 250M4**	290
	47	11200	31.33	51400	1.10	**TFAF 128**	**MY 250M4**	289
	58	9010	25.30	51600	1.35	**TF 128**	**MY 250M4**	288
						TFF 128	**MY 250M4**	289
	69	7610	21.38	51300	1.60	**TFA 128**	**MY 250M4**	290
	78	6720	18.87	50800	1.65	**TFAF 128**	**MY 250M4**	289
	90	5820	16.36	50100	1.90	**TF 128**	**MY 250M4**	288
	101	5180	14.55	49400	2.1	**TFF 128**	**MY 250M4**	289
	118	4470	12.54	48400	2.2			
	145	3630	10.19	46800	2.6			
	166	3160	8.86	45100	2.2			
	187	2810	7.88	44200	2.1			
	217	2420	6.80	42900	2.9	**TFA 128**	**MY 250M4**	290
	267	1970	5.52	41100	3.1	**TFAF 128**	**MY 250M4**	289
	315	1670	4.68	39600	3.6	**TF 128**	**MY 250M4**	288
						TFF 128	**MY 250M4**	289
75	32	22500	46.48*	62900	0.80	**TFA 158**	**MY 280S4**	294
	37	19400	40.06	64400	0.95	**TFAF 158**	**MY 280S4**	293
	45	15800	32.55	65400	1.15	**TF 158**	**MY 280S4**	292
	54	13400	27.60	65500	1.35	**TFF 158**	**MY 280S4**	293
	52	13800	28.60*	65500	1.25	**TFA 158**	**MY 280S4**	294
	58	12300	25.43	65400	1.20	**TFAF 158**	**MY 280S4**	293
	67	10700	22.16	64900	1.70	**TF 158**	**MY 280S4**	292
	75	9570	19.77	64300	1.80	**TFF 158**	**MY 280S4**	293
	88	8150	16.85	63200	2.2			
	106	6760	13.96	61600	2.5			
	124	5770	11.92	60100	2.8			
	58	12200	25.30	44000	1.00	**TFA 128**	**MY 280S4**	290
						TFAF 128	**MY 280S4**	289
						TF 128	**MY 280S4**	288
						TFF 128	**MY 280S4**	289
	69	10300	21.38	44800	1.15	**TFA 128**	**MY 280S4**	290
	78	9130	18.87	45100	1.20	**TFAF 128**	**MY 280S4**	289
	90	7920	16.36	45200	1.40	**TF 128**	**MY 280S4**	288
	102	7040	14.55	45000	1.55	**TFF 128**	**MY 280S4**	289
	118	6070	12.54	44600	1.65			
	145	4930	10.19	43700	1.95			
	167	4290	8.86	42200	1.65			
	188	3810	7.88	41600	1.55			
	218	3290	6.80	40700	2.1			
	268	2670	5.52	39300	2.3			
	316	2270	4.68	38100	2.7			
90	45	18900	32.55	59100	0.95	**TFA 158**	**MY 280M4**	294
	54	16000	27.60	60200	1.10	**TFAF 158**	**MY 280M4**	293
						TF 158	**MY 280M4**	292
						TFF 158	**MY 280M4**	293

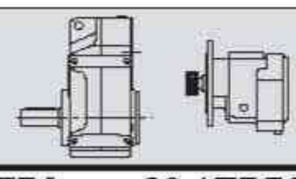
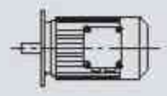
P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	Fr_2 [N]	fs			Page
90	67	12900	22.16	60600	1.40	**TFA 158**	**MY 280M4**	294
	75	11500	19.77	60500	1.50	**TFAF 158**	**MY 280M4**	293
	88	9790	16.85	59900	1.85	**TF 158**	**MY 280M4**	292
	106	8110	13.96	58900	2.1	**TFF 158**	**MY 280M4**	293
	124	6920	11.92	57800	2.3			
	58	14700	25.30	33100	0.80	**TFA 128**	**MY 280M4**	290
						TFAF 128	**MY 280M4**	289
						TF 128	**MY 280M4**	288
						TFF 128	**MY 280M4**	289
	90	9500	16.36	41500	1.15	**TFA 128**	**MY 280M4**	290
	102	8450	14.55	41700	1.30	**TFAF 128**	**MY 280M4**	289
	118	7280	12.54	41800	1.35	**TF 128**	**MY 280M4**	288
	145	5920	10.19	41400	1.60	**TFF 128**	**MY 280M4**	289
	167	5150	8.86	40100	1.35			
	188	4580	7.88	39700	1.30			
	218	3950	6.80	39000	1.75			
	268	3210	5.52	37900	1.85			
	316	2720	4.68	36900	2.2			
110	54	19500	27.60	53100	0.90	**TFA 158**	**MY 315S4**	294
						TFAF 158	**MY 315S4**	293
						TF 158	**MY 315S4**	292
						TFF 158	**MY 315S4**	293
	67	15700	22.16	54900	1.15	**TFA 158**	**MY 315S4**	294
	75	14000	19.77	55400	1.20	**TFAF 158**	**MY 315S4**	293
	88	11900	16.85	55600	1.50	**TF 158**	**MY 315S4**	292
	106	9880	13.96	55300	1.70	**TFF 158**	**MY 315S4**	293
	125	8430	11.92	54700	1.90			
132	67	18800	22.16	48700	0.95	**TFA 158**	**MY 315M4**	294
	75	16800	19.77	49800	1.00	**TFAF 158**	**MY 315M4**	293
	88	14300	16.85	50900	1.25	**TF 158**	**MY 315M4**	292
	106	11900	13.96	51400	1.45	**TFF 158**	**MY 315M4**	293
	125	10100	11.92	51400	1.60			
160	88	17300	16.85	44800	1.05	**TFA 158**	**MY 315M4A**	294
	106	14400	13.96	46400	1.20	**TFAF 158**	**MY 315M4A**	293
	125	12300	11.92	47100	1.30	**TF 158**	**MY 315M4A**	292
						TFF 158	**MY 315M4A**	293
200	88	21700	16.85	36100	0.85	**TFA 158**	**MY 315M4B**	294
	106	18000	13.96	39200	0.95	**TFAF 158**	**MY 315M4B**	293
	125	15300	11.92	41000	1.05	**TF 158**	**MY 315M4B**	292
						TFF 158	**MY 315M4B**	293

4.3.3 TF.. / TRF..MY.. Performance parameter

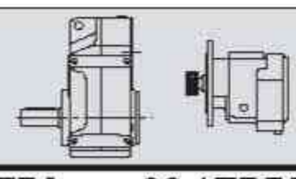
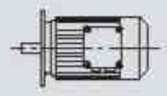
$M_{2\,max}$ [Nm]	n_2 [r/min]	i	Fr_2 [N]				Page
130	0.15	8972	4500	**TFA**	**28 / TRF18**	**MY 63S4**	296
	0.18	7736	4500	**TFAF**	**28 / TRF18**	**MY 63S4**	296
	0.19	7211	4500	**TF**	**28 / TRF18**	**MY 63S4**	296
	0.22	6303	4500	**TFF**	**28 / TRF18**	**MY 63S4**	296
	0.25	5435	4500				
	0.28	4855	4500				
	0.33	4243	4500				
	0.37	3715	4500				
	0.43	3247	4500				
	0.48	2878	4500				
	0.55	2515	4500				
	0.62	2217	4500				
	0.73	1898	4500	**TFA**	**28 / TRF18**	**MY 63S4**	296
	0.84	1645	4500	**TFAF**	**28 / TRF18**	**MY 63S4**	296
	0.90	1525	4500	**TF**	**28 / TRF18**	**MY 63S4**	296
	1.0	1322	4500	**TFF**	**28 / TRF18**	**MY 63S4**	296
	1.2	1146	4500				
	1.4	1013	4500				
	1.6	890	4500				
	1.8	778	4500				
	2.0	682	4500				
	2.3	602	4500				
	2.6	520	4500				
	3.0	458	4500	**TFA**	**28 / TRF18**	**MY 63S4**	296
	3.5	397	4500	**TFAF**	**28 / TRF18**	**MY 63S4**	296
	4.0	342	4500	**TF**	**28 / TRF18**	**MY 63S4**	296
	4.6	302	4500	**TFF**	**28 / TRF18**	**MY 63S4**	296
	5.2	266	4500				
	5.9	236	4500				
	6.5	211	4500				
	7.1	186	4500	**TFA**	**28 / TRF18**	**MY 63M4**	296
	9.3	142	4500	**TFAF**	**28 / TRF18**	**MY 63M4**	296
	11	124	4500	**TF**	**28 / TRF18**	**MY 63M4**	296
				TFF	**28 / TRF18**	**MY 63M4**	296
	12	109	4500	**TFA**	**28 / TRF18**	**MY 63L4**	296
	14	96	4500	**TFAF**	**28 / TRF18**	**MY 63L4**	296
				TF	**28 / TRF18**	**MY 63L4**	296
				TFF	**28 / TRF18**	**MY 63L4**	296
200	0.17	8193	4290	**TFA**	**38 / TRF18**	**MY 63S4**	296
	0.20	7064	4290	**TFAF**	**38 / TRF18**	**MY 63S4**	296
	0.21	6585	4290	**TF**	**38 / TRF18**	**MY 63S4**	296
	0.24	5756	4290	**TFF**	**38 / TRF18**	**MY 63S4**	296
	0.28	4963	4290				
	0.31	4434	4290				
	0.36	3875	4290				
	0.41	3392	4290				
	0.47	2965	4290				
	0.53	2587	4290				
	0.60	2284	4290				
	0.69	1997	4290				
	0.72	1929	4290	**TFA**	**38 / TRF18**	**MY 63S4**	296
	0.82	1679	4290	**TFAF**	**38 / TRF18**	**MY 63S4**	296
	0.89	1550	4290	**TF**	**38 / TRF18**	**MY 63S4**	296
	1.0	1356	4290	**TFF**	**38 / TRF18**	**MY 63S4**	296
	1.2	1180	4290				

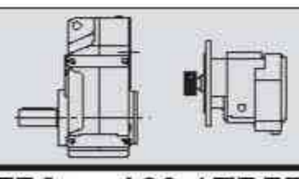
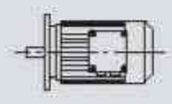
$M_{2\,max}$ [Nm]	n_2 [r/min]	i	Fr_2 [N]				Page
200	1.3	1044	4290	**TFA**	**38 / TRF18**	**MY 63S4**	296
	1.5	914	4290	**TFAF**	**38 / TRF18**	**MY 63S4**	296
	1.7	808	4290	**TF**	**38 / TRF18**	**MY 63S4**	296
	2.0	698	4290	**TFF**	**38 / TRF18**	**MY 63S4**	296
	2.2	616	4290				
	2.5	544	4290				
	3.0	466	4290				
	3.4	411	4290				
	3.8	364	4290				
	4.2	326	4290	**TFA**	**38 / TRF18**	**MY 63S4**	296
				TFAF	**38 / TRF18**	**MY 63S4**	296
				TF	**38 / TRF18**	**MY 63S4**	296
				TFF	**38 / TRF18**	**MY 63S4**	296
	4.6	285	4290	**TFA**	**38 / TRF18**	**MY 63M4**	296
	5.3	250	4290	**TFAF**	**38 / TRF18**	**MY 63M4**	296
	6.0	219	4290	**TF**	**38 / TRF18**	**MY 63M4**	296
	7.1	186	4290	**TFF**	**38 / TRF18**	**MY 63M4**	296
	7.8	167	4290	**TFA**	**38 / TRF18**	**MY 63L4**	296
	8.9	145	4290	**TFAF**	**38 / TRF18**	**MY 63L4**	296
	10	129	4290	**TF**	**38 / TRF18**	**MY 63L4**	296
				TFF	**38 / TRF18**	**MY 63L4**	296
400	0.11	12251	5920	**TFA**	**48 / TRF18**	**MY 63S4**	296
	0.13	10619	5920	**TFAF**	**48 / TRF18**	**MY 63S4**	296
	0.14	9846	5920	**TF**	**48 / TRF18**	**MY 63S4**	296
	0.16	8534	5920	**TFF**	**48 / TRF18**	**MY 63S4**	296
	0.19	7460	5920				
	0.21	6536	5920				
	0.24	5746	5920				
	0.27	5022	5920				
	0.31	4401	5920				
	0.36	3883	5920				
	0.40	3443	5920				
	0.46	2976	5920				
	0.52	2629	5920				
	0.55	2519	5920	**TFA**	**48 / TRF18**	**MY 63S4**	296
	0.58	2394	5920	**TFAF**	**48 / TRF18**	**MY 63S4**	296
	0.64	2172	5920	**TF**	**48 / TRF18**	**MY 63S4**	296
	0.68	2025	5920	**TFF**	**48 / TRF18**	**MY 63S4**	296
	0.78	1770	5920				
	0.88	1576	5920				
	1.0	1363	5920				
	1.2	1192	5920				
	1.3	1061	5920				
	1.5	931	5920				
	1.7	822	5920				
	2.0	706	5920				
	2.1	619	5920	**TFA**	**48 / TRF18**	**MY 63M4**	296
				TFAF	**48 / TRF18**	**MY 63M4**	296
				TF	**48 / TRF18**	**MY 63M4**	296
				TFF	**48 / TRF18**	**MY 63M4**	296
	2.5	524	5920	**TFA**	**48 / TRF18**	**MY 63M4**	296
	2.7	489	5920	**TFAF**	**48 / TRF18**	**MY 63M4**	296
	3.1	427	5920	**TF**	**48 / TRF18**	**MY 63M4**	296
	3.5	381	5920	**TFF**	**48 / TRF18**	**MY 63M4**	296
	3.9	334	5920	**TFA**	**48 / TRF18**	**MY 63L4**	296
	4.4	295	5920	**TFAF**	**48 / TRF18**	**MY 63L4**	296
	5.1	253	5920	**TF**	**48 / TRF18**	**MY 63L4**	296
				TFF	**48 / TRF18**	**MY 63L4**	296
	6.4	217	5920	**TFA**	**48 / TRF18**	**MY 71D4**	296
	7.3	190	5920	**TFAF**	**48 / TRF18**	**MY 71D4**	296
	7.8	178	5920	**TF**	**48 / TRF18**	**MY 71D4**	296
				TFF	**48 / TRF18**	**MY 71D4**	296

$M_{2\ max}$ [Nm]	n_2 [r/min]	i	Fr_2 [N]			Page 
400	9.1	149	5920	**TFA**	**48 / TRF18**	**MY 80K4** 296
	10	131	5920	**TFAF**	**48 / TRF18**	**MY 80K4** 296
				TF	**48 / TRF18**	**MY 80K4** 296
				TFF	**48 / TRF18**	**MY 80K4** 296
600	0.09	14832	9200	**TFA**	**58 / TRF38**	**MY 63S4** 296
	0.10	13604	9200	**TFAF**	**58 / TRF38**	**MY 63S4** 296
	0.11	12602	9200	**TF**	**58 / TRF38**	**MY 63S4** 296
	0.12	11252	9200	**TFF**	**58 / TRF38**	**MY 63S4** 296
	0.14	9986	9200			
	0.16	8787	9200			
	0.17	7908	9200			
	0.20	6913	9200			
	0.23	6030	9200			
	0.26	5289	9200			
	0.30	4654	9200			
	0.34	4060	9200			
	0.39	3564	9200			
	0.44	3161	9200			
	0.48	2854	9200	**TFA**	**58 / TRF38**	**MY 63S4** 296
	0.54	2576	9200	**TFAF**	**58 / TRF38**	**MY 63S4** 296
	0.61	2266	9200	**TF**	**58 / TRF38**	**MY 63S4** 296
	0.69	2012	9200	**TFF**	**58 / TRF38**	**MY 63S4** 296
	0.77	1791	9200			
	0.85	1617	9200			
	0.97	1422	9200			
	1.1	1243	9200			
	1.3	1066	9200			
	1.4	949	9200			
	1.5	856	9200	**TFA**	**58 / TRF38**	**MY 63M4** 296
	1.8	749	9200	**TFAF**	**58 / TRF38**	**MY 63M4** 296
	2.0	658	9200	**TF**	**58 / TRF38**	**MY 63M4** 296
				TFF	**58 / TRF38**	**MY 63M4** 296
	2.4	549	9200	**TFA**	**58 / TRF38**	**MY 63L4** 296
	2.7	483	9200	**TFAF**	**58 / TRF38**	**MY 63L4** 296
				TF	**58 / TRF38**	**MY 63L4** 296
				TFF	**58 / TRF38**	**MY 63L4** 296
	3.1	426	9200	**TFA**	**58 / TRF38**	**MY 63L4** 296
	3.4	382	9200	**TFAF**	**58 / TRF38**	**MY 63L4** 296
				TF	**58 / TRF38**	**MY 63L4** 296
				TFF	**58 / TRF38**	**MY 63L4** 296
	4.2	330	9200	**TFA**	**58 / TRF38**	**MY 71D4** 296
	4.6	298	9200	**TFAF**	**58 / TRF38**	**MY 71D4** 296
	5.3	262	9200	**TF**	**58 / TRF38**	**MY 71D4** 296
				TFF	**58 / TRF38**	**MY 71D4** 296
	6.0	226	9200	**TFA**	**58 / TRF38**	**MY 80K4** 296
	6.8	200	9200	**TFAF**	**58 / TRF38**	**MY 80K4** 296
				TF	**58 / TRF38**	**MY 80K4** 296
				TFF	**58 / TRF38**	**MY 80K4** 296
	8.1	170	9200	**TFA**	**58 / TRF38**	**MY 80N4** 296
	9.1	152	9200	**TFAF**	**58 / TRF38**	**MY 80N4** 296
	10	134	9200	**TF**	**58 / TRF38**	**MY 80N4** 296
				TFF	**58 / TRF38**	**MY 80N4** 296
820	0.07	19199	10300	**TFA**	**68 / TRF38**	**MY 63S4** 296
	0.08	17610	10300	**TFAF**	**68 / TRF38**	**MY 63S4** 296
	0.09	14992	10300	**TF**	**68 / TRF38**	**MY 63S4** 296
	0.11	12926	10300	**TFF**	**68 / TRF38**	**MY 63S4** 296
	0.12	11480	10300			
	0.14	10220	10300			
	0.15	8933	10300			
	0.17	7940	10300			
	0.19	7096	10300			

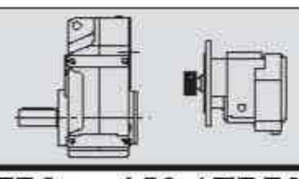
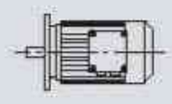
$M_{2\,max}$ [Nm]	n_2 [r/min]	i	Fr_2 [N]				Page
820	0.23	6080	10300	**TFA**	**68 / TRF38**	**MY 63S4**	296
	0.26	5341	10300	**TFAF**	**68 / TRF38**	**MY 63S4**	296
	0.29	4690	10300	**TF**	**68 / TRF38**	**MY 63S4**	296
	0.34	4091	10300	**TFF**	**68 / TRF38**	**MY 63S4**	296
	0.39	3574	10300				
	0.44	3133	10300				
	0.50	2756	10300				
	0.57	2439	10300				
	0.41	3377	10300	**TFA**	**68 / TRF38**	**MY 63S4**	296
	0.47	2912	10300	**TFAF**	**68 / TRF38**	**MY 63S4**	296
	0.51	2714	10300	**TF**	**68 / TRF38**	**MY 63S4**	296
	0.58	2372	10300	**TFF**	**68 / TRF38**	**MY 63S4**	296
	0.65	2126	10300				
	0.85	1631	10300				
	0.96	1437	10300				
	1.1	1256	10300				
	1.2	1126	10300	**TFA**	**68 / TRF38**	**MY 63M4**	296
	1.3	984	10300	**TFAF**	**68 / TRF38**	**MY 63M4**	296
	1.5	864	10300	**TF**	**68 / TRF38**	**MY 63M4**	296
				TFF	**68 / TRF38**	**MY 63M4**	296
	1.8	722	10300	**TFA**	**68 / TRF38**	**MY 63L4**	296
	2.0	634	10300	**TFAF**	**68 / TRF38**	**MY 63L4**	296
	2.4	539	10300	**TF**	**68 / TRF38**	**MY 63L4**	296
				TFF	**68 / TRF38**	**MY 63L4**	296
	0.73	1884	10300	**TFA**	**68 / TRF38**	**MY 63S4**	296
				TFAF	**68 / TRF38**	**MY 63S4**	296
				TF	**68 / TRF38**	**MY 63S4**	296
				TFF	**68 / TRF38**	**MY 63S4**	296
	2.8	500	10300	**TFA**	**68 / TRF38**	**MY 71D4**	296
	3.0	454	10300	**TFAF**	**68 / TRF38**	**MY 71D4**	296
	3.5	392	10300	**TF**	**68 / TRF38**	**MY 71D4**	296
				TFF	**68 / TRF38**	**MY 71D4**	296
	4.1	333	10300	**TFA**	**68 / TRF38**	**MY 80K4**	296
	4.6	297	10300	**TFAF**	**68 / TRF38**	**MY 80K4**	296
	5.2	261	10300	**TF**	**68 / TRF38**	**MY 80K4**	296
	5.7	238	10300	**TFF**	**68 / TRF38**	**MY 80K4**	296
	6.9	200	10300	**TFA**	**68 / TRF38**	**MY 80N4**	296
				TFAF	**68 / TRF38**	**MY 80N4**	296
				TF	**68 / TRF38**	**MY 80N4**	296
				TFF	**68 / TRF38**	**MY 80N4**	296
1500	0.07	19180	15700	**TFA**	**78 / TRF38**	**MY 63S4**	296
	0.08	17593	15700	**TFAF**	**78 / TRF38**	**MY 63S4**	296
	0.09	16128	15700	**TF**	**78 / TRF38**	**MY 63S4**	296
	0.09	14978	15700	**TFF**	**78 / TRF38**	**MY 63S4**	296
	0.10	13731	15700				
	0.11	12049	15700				
	0.13	11035	15700				
	0.14	9683	15700				
	0.16	8464	15700				
	0.18	7520	15700				
	0.21	6580	15700				
	0.24	5808	15700				
	0.27	5026	15700				
	0.31	4435	15700				
	0.36	3832	15700				
	0.46	2978	15700				
	0.53	2613	15700				
	0.60	2284	15700				
	0.65	2029	15700	**TFA**	**78 / TRF38**	**MY 63M4**	296
				TFAF	**78 / TRF38**	**MY 63M4**	296
				TF	**78 / TRF38**	**MY 63M4**	296
				TFF	**78 / TRF38**	**MY 63M4**	296

$M_{2\ max}$ [Nm]	n_2 [r/min]	i	Fr_2 [N]				Page
1500	0.76	1728	15700	**TFA**	**78 / TRF38**	**MY 63M4**	296
	0.86	1544	15700	**TFAF**	**78 / TRF38**	**MY 63M4**	296
	0.98	1354	15700	**TF**	**78 / TRF38**	**MY 63M4**	296
				TFF	**78 / TRF38**	**MY 63M4**	296
	1.1	1200	15700	**TFA**	**78 / TRF38**	**MY 63L4**	296
	1.2	1053	15700	**TFAF**	**78 / TRF38**	**MY 63L4**	296
				TF	**78 / TRF38**	**MY 63L4**	296
				TFF	**78 / TRF38**	**MY 63L4**	296
	1.5	910	15700	**TFA**	**78 / TRF38**	**MY 71D4**	296
	1.7	810	15700	**TFAF**	**78 / TRF38**	**MY 71D4**	296
	1.9	710	15700	**TF**	**78 / TRF38**	**MY 71D4**	296
				TFF	**78 / TRF38**	**MY 71D4**	296
	2.2	615	15700	**TFA**	**78 / TRF38**	**MY 80K4**	296
	2.5	538	15700	**TFAF**	**78 / TRF38**	**MY 80K4**	296
	2.8	480	15700	**TF**	**78 / TRF38**	**MY 80K4**	296
				TFF	**78 / TRF38**	**MY 80K4**	296
	3.4	413	15700	**TFA**	**78 / TRF38**	**MY 80N4**	296
	3.8	367	15700	**TFAF**	**78 / TRF38**	**MY 80N4**	296
	4.3	323	15700	**TF**	**78 / TRF38**	**MY 80N4**	296
				TFF	**78 / TRF38**	**MY 80N4**	296
3000	0.06	23042	19800	**TFA**	**88 / TRF58**	**MY 63S4**	296
	0.07	20462	19800	**TFAF**	**88 / TRF58**	**MY 63S4**	296
	0.08	18238	19800	**TF**	**88 / TRF58**	**MY 63S4**	296
	0.09	15877	19800	**TFF**	**88 / TRF58**	**MY 63S4**	296
	0.10	14099	19800				
	0.11	12205	19800				
	0.13	10433	19800				
	0.15	9381	19800				
	0.17	8142	19800				
	0.19	7100	19800				
	0.22	6273	19800				
	0.25	5510	19800				
	0.28	4954	19800				
	0.31	4245	19800	**TFA**	**88 / TRF58**	**MY 63M4**	296
	0.35	3721	19800	**TFAF**	**88 / TRF58**	**MY 63M4**	296
				TF	**88 / TRF58**	**MY 63M4**	296
				TFF	**88 / TRF58**	**MY 63M4**	296
	0.41	3244	19800	**TFA**	**88 / TRF58**	**MY 63M4**	296
	0.46	2881	19800	**TFAF**	**88 / TRF58**	**MY 63M4**	296
				TF	**88 / TRF58**	**MY 63M4**	296
				TFF	**88 / TRF58**	**MY 63M4**	296
	0.50	2576	19800	**TFA**	**88 / TRF58**	**MY 63L4**	296
	0.59	2199	19800	**TFAF**	**88 / TRF58**	**MY 63L4**	296
	0.67	1930	19800	**TF**	**88 / TRF58**	**MY 63L4**	296
				TFF	**88 / TRF58**	**MY 63L4**	296
	0.81	1709	19800	**TFA**	**88 / TRF58**	**MY 71D4**	296
	0.92	1493	19800	**TFAF**	**88 / TRF58**	**MY 71D4**	296
				TF	**88 / TRF58**	**MY 71D4**	296
				TFF	**88 / TRF58**	**MY 71D4**	296
	1.1	1300	19800	**TFA**	**88 / TRF58**	**MY 80K4**	296
	1.2	1148	19800	**TFAF**	**88 / TRF58**	**MY 80K4**	296
	1.4	1010	19800	**TF**	**88 / TRF58**	**MY 80K4**	296
	1.5	887	19800	**TFF**	**88 / TRF58**	**MY 80K4**	296
	1.8	780	19800	**TFA**	**88 / TRF58**	**MY 80N4**	296
	2.0	674	19800	**TFAF**	**88 / TRF58**	**MY 80N4**	296
				TF	**88 / TRF58**	**MY 80N4**	296
				TFF	**88 / TRF58**	**MY 80N4**	296
	2.3	609	19800	**TFA**	**88 / TRF58**	**MY 90S4**	296
	2.7	515	19800	**TFAF**	**88 / TRF58**	**MY 90S4**	296
	3.1	452	19800	**TF**	**88 / TRF58**	**MY 90S4**	296
				TFF	**88 / TRF58**	**MY 90S4**	296

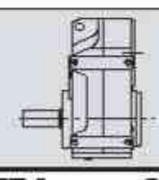
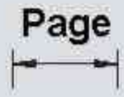
$M_{2\,max}$ [Nm]	n_2 [r/min]	i	Fr_2 [N]				Page
3000	4.1	345	19800	**TFA**	**88 / TRF58**	**MY 90L4**	296
				TFAF	**88 / TRF58**	**MY 90L4**	296
				TF	**88 / TRF58**	**MY 90L4**	296
				TFF	**88 / TRF58**	**MY 90L4**	296
4300	0.07	20813	29900	**TFA**	**98 / TRF58**	**MY 63S4**	296
	0.08	18119	29900	**TFAF**	**98 / TRF58**	**MY 63S4**	296
	0.09	15472	29900	**TF**	**98 / TRF58**	**MY 63S4**	296
	0.10	14022	29900	**TFF**	**98 / TRF58**	**MY 63S4**	296
	0.11	12324	29900				
	0.13	10838	29900				
	0.14	9576	29900				
	0.17	8318	29900				
	0.19	7328	29900				
	0.20	6469	29900	**TFA**	**98 / TRF58**	**MY 63M4**	296
	0.24	5615	29900	**TFAF**	**98 / TRF58**	**MY 63M4**	296
	0.27	4961	29900	**TF**	**98 / TRF58**	**MY 63M4**	296
	0.30	4333	29900	**TFF**	**98 / TRF58**	**MY 63M4**	296
	0.33	3906	29900	**TFA**	**98 / TRF58**	**MY 63L4**	296
	0.39	3352	29900	**TFAF**	**98 / TRF58**	**MY 63L4**	296
	0.45	2907	29900	**TF**	**98 / TRF58**	**MY 63L4**	296
				TFF	**98 / TRF58**	**MY 63L4**	296
	0.54	2553	29900	**TFA**	**98 / TRF58**	**MY 71D4**	296
	0.61	2245	29900	**TFAF**	**98 / TRF58**	**MY 71D4**	296
	0.70	1970	29900	**TF**	**98 / TRF58**	**MY 71D4**	296
				TFF	**98 / TRF58**	**MY 71D4**	296
	0.79	1722	29900	**TFA**	**98 / TRF58**	**MY 80K4**	296
	0.89	1527	29900	**TFAF**	**98 / TRF58**	**MY 80K4**	296
	1.0	1327	29900	**TF**	**98 / TRF58**	**MY 80K4**	296
				TFF	**98 / TRF58**	**MY 80K4**	296
	1.2	1171	29900	**TFA**	**98 / TRF58**	**MY 80N4**	296
	1.4	1022	29900	**TFAF**	**98 / TRF58**	**MY 80N4**	296
				TF	**98 / TRF58**	**MY 80N4**	296
				TFF	**98 / TRF58**	**MY 80N4**	296
	1.6	898	29900	**TFA**	**98 / TRF58**	**MY 90S4**	296
	1.8	784	29900	**TFAF**	**98 / TRF58**	**MY 90S4**	296
	2.0	690	29900	**TF**	**98 / TRF58**	**MY 90S4**	296
				TFF	**98 / TRF58**	**MY 90S4**	296
	2.3	605	29900	**TFA**	**98 / TRF58**	**MY 90L4**	296
	2.7	529	29900	**TFAF**	**98 / TRF58**	**MY 90L4**	296
	3.0	467	29900	**TF**	**98 / TRF58**	**MY 90L4**	296
				TFF	**98 / TRF58**	**MY 90L4**	296
	3.5	406	29900	**TFA**	**98 / TRF58**	**MY 100M4**	296
	3.9	363	29900	**TFAF**	**98 / TRF58**	**MY 100M4**	296
				TF	**98 / TRF58**	**MY 100M4**	296
				TFF	**98 / TRF58**	**MY 100M4**	296
	4.9	285	29900	**TFA**	**98 / TRF58**	**MY 100L4**	296
	5.7	245	29900	**TFAF**	**98 / TRF58**	**MY 100L4**	296
				TF	**98 / TRF58**	**MY 100L4**	296
				TFF	**98 / TRF58**	**MY 100L4**	296
7680	0.05	25375	49800	**TFA**	**108 / TRF78**	**MY 63S4**	296
	0.06	21652	49800	**TFAF**	**108 / TRF78**	**MY 63S4**	296
	0.07	18933	49800	**TF**	**108 / TRF78**	**MY 63S4**	296
	0.08	16888	49800	**TFF**	**108 / TRF78**	**MY 63S4**	296
	0.09	14767	49800				
	0.12	11348	49800	**TFA**	**108 / TRF78**	**MY 63M4**	296
	0.13	10039	49800	**TFAF**	**108 / TRF78**	**MY 63M4**	296
	0.15	8548	49800	**TF**	**108 / TRF78**	**MY 63M4**	296
	0.17	7674	49800	**TFF**	**108 / TRF78**	**MY 63M4**	296
	0.19	6767	49800	**TFA**	**108 / TRF78**	**MY 63L4**	296
	0.22	5954	49800	**TFAF**	**108 / TRF78**	**MY 63L4**	296
	0.25	5223	49800	**TF**	**108 / TRF78**	**MY 63L4**	296
				TFF	**108 / TRF78**	**MY 63L4**	296

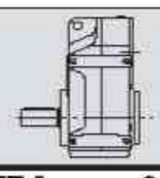
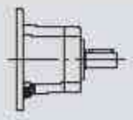
$M_{2\ max}$ [Nm]	n_2 [r/min]	i	Fr_2 [N]			Page 
7680	0.30	4567	49800	**TFA**	**108 / TRF78**	**MY 71D4**	296
	0.39	3521	49800	**TFAF**	**108 / TRF78**	**MY 71D4**	296
				TF	**108 / TRF78**	**MY 71D4**	296
				TFF	**108 / TRF78**	**MY 71D4**	296
	0.45	3037	49800	**TFA**	**108 / TRF78**	**MY 80K4**	296
	0.49	2756	49800	**TFAF**	**108 / TRF78**	**MY 80K4**	296
	0.57	2369	49800	**TF**	**108 / TRF78**	**MY 80K4**	296
				TFF	**108 / TRF78**	**MY 80K4**	296
	0.67	2068	49800	**TFA**	**108 / TRF78**	**MY 80N4**	296
	0.76	1826	49800	**TFAF**	**108 / TRF78**	**MY 80N4**	296
				TF	**108 / TRF78**	**MY 80N4**	296
				TFF	**108 / TRF78**	**MY 80N4**	296
	0.88	1597	49800	**TFA**	**108 / TRF78**	**MY 90S4**	296
	1.0	1401	49800	**TFAF**	**108 / TRF78**	**MY 90S4**	296
	1.1	1243	49800	**TF**	**108 / TRF78**	**MY 90S4**	296
				TFF	**108 / TRF78**	**MY 90S4**	296
	1.3	1087	49800	**TFA**	**108 / TRF78**	**MY 90L4**	296
	1.5	950	49800	**TFAF**	**108 / TRF78**	**MY 90L4**	296
				TF	**108 / TRF78**	**MY 90L4**	296
				TFF	**108 / TRF78**	**MY 90L4**	296
	1.7	834	49800	**TFA**	**108 / TRF78**	**MY 100M4**	296
	1.9	736	49800	**TFAF**	**108 / TRF78**	**MY 100M4**	296
	2.2	640	49800	**TF**	**108 / TRF78**	**MY 100M4**	296
				TFF	**108 / TRF78**	**MY 100M4**	296
	2.5	560	49800	**TFA**	**108 / TRF78**	**MY 100L4**	296
	2.9	489	49800	**TFAF**	**108 / TRF78**	**MY 100L4**	296
	3.2	436	49800	**TF**	**108 / TRF78**	**MY 100L4**	296
				TFF	**108 / TRF78**	**MY 100L4**	296
	3.8	370	49800	**TFA**	**108 / TRF78**	**MY 112M4**	296
	4.3	333	49800	**TFAF**	**108 / TRF78**	**MY 112M4**	296
				TF	**108 / TRF78**	**MY 112M4**	296
				TFF	**108 / TRF78**	**MY 112M4**	296
12000	0.06	24478	90000	**TFA**	**128 / TRF78**	**MY 63S4**	296
	0.06	22323	90000	**TFAF**	**128 / TRF78**	**MY 63S4**	296
	0.07	19048	90000	**TF**	**128 / TRF78**	**MY 63S4**	296
				TFF	**128 / TRF78**	**MY 63S4**	296
	0.08	16656	90000	**TFA**	**128 / TRF78**	**MY 63M4**	296
	0.09	14722	90000	**TFAF**	**128 / TRF78**	**MY 63M4**	296
	0.10	12912	90000	**TF**	**128 / TRF78**	**MY 63M4**	296
	0.11	11656	90000	**TFF**	**128 / TRF78**	**MY 63M4**	296
	0.13	10191	90000	**TFA**	**128 / TRF78**	**MY 63L4**	296
	0.15	8831	90000	**TFAF**	**128 / TRF78**	**MY 63L4**	296
				TF	**128 / TRF78**	**MY 63L4**	296
				TFF	**128 / TRF78**	**MY 63L4**	296
	0.18	7643	90000	**TFA**	**128 / TRF78**	**MY 71D4**	296
	0.21	6715	90000	**TFAF**	**128 / TRF78**	**MY 71D4**	296
	0.23	5925	90000	**TF**	**128 / TRF78**	**MY 71D4**	296
				TFF	**128 / TRF78**	**MY 71D4**	296
	0.26	5153	90000	**TFA**	**128 / TRF78**	**MY 80K4**	296
	0.30	4533	90000	**TFAF**	**128 / TRF78**	**MY 80K4**	296
	0.35	3926	90000	**TF**	**128 / TRF78**	**MY 80K4**	296
				TFF	**128 / TRF78**	**MY 80K4**	296
	0.40	3454	90000	**TFA**	**128 / TRF78**	**MY 80N4**	296
	0.46	3031	90000	**TFAF**	**128 / TRF78**	**MY 80N4**	296
				TF	**128 / TRF78**	**MY 80N4**	296
				TFF	**128 / TRF78**	**MY 80N4**	296
	0.52	2672	90000	**TFA**	**128 / TRF78**	**MY 80N4**	296
				TFAF	**128 / TRF78**	**MY 80N4**	296
				TF	**128 / TRF78**	**MY 80N4**	296
				TFF	**128 / TRF78**	**MY 80N4**	296

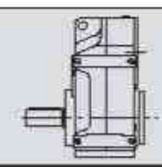
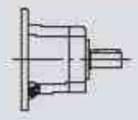
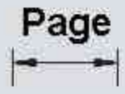
$M_{2\ max}$ [Nm]	n_2 [r/min]	i	Fr_2 [N]			Page
12000	0.59	2357	90000	**TFA**	**128 / TRF78**	**MY 90S4**	296
	0.69	2038	90000	**TFAF**	**128 / TRF78**	**MY 90S4**	296
	0.79	1784	90000	**TF**	**128 / TRF78**	**MY 90S4**	296
				TFF	**128 / TRF78**	**MY 90S4**	296
	0.88	1606	90000	**TFA**	**128 / TRF78**	**MY 90L4**	296
	1.0	1390	90000	**TFAF**	**128 / TRF78**	**MY 90L4**	296
				TF	**128 / TRF78**	**MY 90L4**	296
				TFF	**128 / TRF78**	**MY 90L4**	296
	1.2	1220	90000	**TFA**	**128 / TRF78**	**MY 100M4**	296
	1.3	1077	90000	**TFAF**	**128 / TRF78**	**MY 100M4**	296
	1.5	930	90000	**TF**	**128 / TRF78**	**MY 100M4**	296
				TFF	**128 / TRF78**	**MY 100M4**	296
	1.7	820	90000	**TFA**	**128 / TRF78**	**MY 100L4**	296
	1.9	727	90000	**TFAF**	**128 / TRF78**	**MY 100L4**	296
	2.2	648	90000	**TF**	**128 / TRF78**	**MY 100L4**	296
				TFF	**128 / TRF78**	**MY 100L4**	296
	2.6	549	90000	**TFA**	**128 / TRF78**	**MY 112M4**	296
	2.9	495	90000	**TFAF**	**128 / TRF78**	**MY 112M4**	296
				TF	**128 / TRF78**	**MY 112M4**	296
				TFF	**128 / TRF78**	**MY 112M4**	296
	3.3	428	90000	**TFA**	**128 / TRF78**	**MY 132S4**	296
	3.8	376	90000	**TFAF**	**128 / TRF78**	**MY 132S4**	296
				TF	**128 / TRF78**	**MY 132S4**	296
				TFF	**128 / TRF78**	**MY 132S4**	296
	3.0	483	90000	**TFA**	**128 / TRF88**	**MY 132S4**	296
	3.4	418	90000	**TFAF**	**128 / TRF88**	**MY 132S4**	296
	3.8	374	90000	**TF**	**128 / TRF88**	**MY 132S4**	296
				TFF	**128 / TRF88**	**MY 132S4**	296
	4.6	312	90000	**TFA**	**128 / TRF88**	**MY 132M4**	296
	4.9	293	90000	**TFAF**	**128 / TRF88**	**MY 132M4**	296
				TF	**128 / TRF88**	**MY 132M4**	296
				TFF	**128 / TRF88**	**MY 132M4**	296
	5.6	259	90000	**TFA**	**128 / TRF88**	**MY 132ML4**	296
	6.5	223	90000	**TFAF**	**128 / TRF88**	**MY 132ML4**	296
				TF	**128 / TRF88**	**MY 132ML4**	296
				TFF	**128 / TRF88**	**MY 132ML4**	296
	7.3	198	90000	**TFA**	**128 / TRF88**	**MY 160M4**	296
				TFAF	**128 / TRF88**	**MY 160M4**	296
				TF	**128 / TRF88**	**MY 160M4**	296
				TFF	**128 / TRF88**	**MY 160M4**	296
18000	0.04	31434	100300	**TFA**	**158 / TRF98**	**MY 80K4**	296
	0.05	26173	100300	**TFAF**	**158 / TRF98**	**MY 80K4**	296
	0.06	23464	100300	**TF**	**158 / TRF98**	**MY 80K4**	296
	0.07	20212	100300	**TFF**	**158 / TRF98**	**MY 80K4**	296
	0.08	17984	100300				
	0.08	16358	100300				
	0.10	13751	100300				
	0.11	12235	100300				
	0.14	10033	100300	**TFA**	**158 / TRF98**	**MY 90S4**	296
	0.16	9021	100300	**TFAF**	**158 / TRF98**	**MY 90S4**	296
	0.17	8026	100300	**TF**	**158 / TRF98**	**MY 90S4**	296
				TFF	**158 / TRF98**	**MY 90S4**	296
	0.19	7075	100300	**TFA**	**158 / TRF98**	**MY 80K4**	296
	0.22	6295	100300	**TFAF**	**158 / TRF98**	**MY 80K4**	296
				TF	**158 / TRF98**	**MY 80K4**	296
				TFF	**158 / TRF98**	**MY 80K4**	296
	0.26	5404	100300	**TFA**	**158 / TRF98**	**MY 80N4**	296
				TFAF	**158 / TRF98**	**MY 80N4**	296
				TF	**158 / TRF98**	**MY 80N4**	296
				TFF	**158 / TRF98**	**MY 80N4**	296

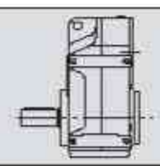
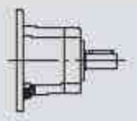
$M_{2\ max}$ [Nm]	n_2 [r/min]	i	Fr_2 [N]			Page 
18000	0.29	4831	100300	**TFA 158 / TRF98**	**MY 90S4**	296
	0.34	4130	100300	**TFAF 158 / TRF98**	**MY 90S4**	296
				TF 158 / TRF98	**MY 90S4**	296
				TFF 158 / TRF98	**MY 90S4**	296
	0.39	3607	100300	**TFA 158 / TRF98**	**MY 100M4**	296
	0.44	3210	100300	**TFAF 158 / TRF98**	**MY 100M4**	296
				TF 158 / TRF98	**MY 100M4**	296
				TFF 158 / TRF98	**MY 100M4**	296
	0.50	2780	100300	**TFA 158 / TRF98**	**MY 90S4**	296
				TFAF 158 / TRF98	**MY 90S4**	296
				TF 158 / TRF98	**MY 90S4**	296
				TFF 158 / TRF98	**MY 90S4**	296
	0.98	1441	100300	**TFA 158 / TRF98**	**MY 100M4**	296
				TFAF 158 / TRF98	**MY 100M4**	296
				TF 158 / TRF98	**MY 100M4**	296
				TFF 158 / TRF98	**MY 100M4**	296
	0.58	2427	100300	**TFA 158 / TRF98**	**MY 90L4**	296
	0.65	2185	100300	**TFAF 158 / TRF98**	**MY 90L4**	296
				TF 158 / TRF98	**MY 90L4**	296
				TFF 158 / TRF98	**MY 90L4**	296
	0.73	1944	100300	**TFA 158 / TRF98**	**MY 100M4**	296
	0.84	1674	100300	**TFAF 158 / TRF98**	**MY 100M4**	296
				TF 158 / TRF98	**MY 100M4**	296
				TFF 158 / TRF98	**MY 100M4**	296
	1.1	1308	100300	**TFA 158 / TRF98**	**MY 100L4**	296
	1.2	1169	100300	**TFAF 158 / TRF98**	**MY 100L4**	296
				TF 158 / TRF98	**MY 100L4**	296
				TFF 158 / TRF98	**MY 100L4**	296
	1.5	953	100300	**TFA 158 / TRF98**	**MY 112M4**	296
	1.7	845	100300	**TFAF 158 / TRF98**	**MY 112M4**	296
	1.9	764	100300	**TF 158 / TRF98**	**MY 112M4**	296
				TFF 158 / TRF98	**MY 112M4**	296
	2.1	680	100300	**TFA 158 / TRF98**	**MY 132S4**	296
	2.5	576	100300	**TFAF 158 / TRF98**	**MY 132S4**	296
				TF 158 / TRF98	**MY 132S4**	296
				TFF 158 / TRF98	**MY 132S4**	296
	2.8	503	100300	**TFA 158 / TRF98**	**MY 132M4**	296
	3.2	446	100300	**TFAF 158 / TRF98**	**MY 132M4**	296
				TF 158 / TRF98	**MY 132M4**	296
				TFF 158 / TRF98	**MY 132M4**	296
	4.1	353	100300	**TFA 158 / TRF98**	**MY 132ML4**	296
				TFAF 158 / TRF98	**MY 132ML4**	296
				TF 158 / TRF98	**MY 132ML4**	296
				TFF 158 / TRF98	**MY 132ML4**	296
	4.8	302	100300	**TFA 158 / TRF98**	**MY 160M4**	296
	5.3	273	100300	**TFAF 158 / TRF98**	**MY 160M4**	296
				TF 158 / TRF98	**MY 160M4**	296
				TFF 158 / TRF98	**MY 160M4**	296
	6.3	232	100300	**TFA 158 / TRF98**	**MY 160L4**	296
	7.2	202	100300	**TFAF 158 / TRF98**	**MY 160L4**	296
				TF 158 / TRF98	**MY 160L4**	296
				TFF 158 / TRF98	**MY 160L4**	296
	7.5	197	100300	**TFA 158 / TRF98**	**MY 180M4**	296
				TFAF 158 / TRF98	**MY 180M4**	296
				TF 158 / TRF98	**MY 180M4**	296
				TFF 158 / TRF98	**MY 180M4**	296

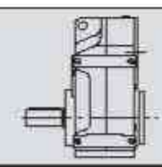
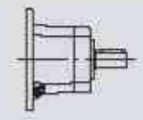
4.3.4 TF.. AD.. Performance parameter

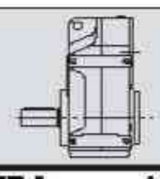
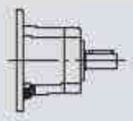
$M_{2\,max}$ [Nm]	n_2 [r/min]	i	P_{1n} [kW]	Fr_2 [N]	Fr_1 [N]				Page 
130	10	140.74	0.16	4500	760	**TFA**	**28**	**AD1**	299
130	11	129.09	0.18	4500	760	**TFAF**	**28**	**AD1**	299
130	13	109.90	0.20	4500	755	**TF**	**28**	**AD1**	299
130	15	94.76	0.23	4500	750	**TFF**	**28**	**AD1**	299
130	16	88.32	0.25	4500	750				
130	18	77.21	0.28	4500	745				
130	19	72.37	0.30	4500	740				
130	22	63.86	0.34	4400	740				
130	25	56.62	0.38	4190	735				
130	28	50.19	0.42	3980	580				
130	30	46.78	0.45	3860	570				
130	34	40.89	0.51	3640	550				
130	37	38.33	0.55	3530	540				
130	41	33.83	0.62	3340	520				
130	47	29.56	0.70	3150	1150	**TFA**	**28**	**AD2**	299
130	52	27.18	0.76	3030	1130	**TFAF**	**28**	**AD2**	299
130	60	23.25	0.88	2820	1090	**TF**	**28**	**AD2**	299
130	69	20.15	1.0	2630	1040	**TFF**	**28**	**AD2**	299
130	74	18.84	1.1	2550	1570				
130	86	16.28	1.2	2370	1550				
130	101	13.84	1.5	2180	1530				
130	113	12.35	1.6	2060	1510				
130	133	10.55	1.9	1900	1490				
130	143	9.88	2.0	1830	1480				
130	149	9.40	2.1	1660	1230				
130	172	8.13	2.3	1590	1220				
114	203	6.91	2.5	1530	1250				
109	227	6.17	2.7	1480	1250				
100	266	5.27	2.9	1440	1260				
96	284	4.93	3.0	1420	1270				
87	337	4.16	3.2	1380	1280				
200	11	128.51	0.26	4290	660	**TFA**	**38**	**AD1**	299
200	12	117.88	0.28	4290	655	**TFAF**	**38**	**AD1**	299
200	14	100.36	0.33	4290	640	**TF**	**38**	**AD1**	299
200	16	86.53	0.38	4290	625	**TFF**	**38**	**AD1**	299
200	17	80.65	0.40	4290	615				
200	20	70.50	0.46	4290	600				
200	21	66.09	0.49	4290	590				
200	24	58.32	0.55	4290	570				
200	26	54.54	0.58	4290	335				
200	27	51.70	0.62	4290	550				
200	30	47.02	0.69	4290	1490	**TFA**	**38**	**AD2**	299
200	32	43.83	0.74	4290	1470	**TFAF**	**38**	**AD2**	299
200	37	38.31	0.84	4290	1430	**TF**	**38**	**AD2**	299
200	39	35.91	0.90	4290	1410	**TFF**	**38**	**AD2**	299
200	44	31.69	1.0	4290	1370				
200	50	28.09	1.1	4060	1640				
200	59	23.88	1.3	3760	1620				
200	59	23.63	1.3	3740	1420				
200	68	20.57	1.5	3500	1400				
200	73	19.27	1.6	3390	1390				
200	82	17.03	1.8	3180	1370				
200	89	15.81	2.0	3070	1350				
200	98	14.33	2.2	2910	1340				
200	109	12.87	2.4	2750	1320	**TFA**	**38**	**AD2**	299
190	126	11.08	2.6	2620	1320	**TFAF**	**38**	**AD2**	299
185	134	10.42	2.7	2580	1320	**TF**	**38**	**AD2**	299
175	156	8.97	3.0	2460	1320	**TFF**	**38**	**AD2**	299

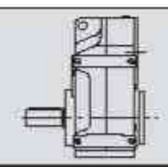
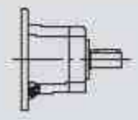
$M_{2\,max}$ [Nm]	n_2 [r/min]	i	P_{1n} [kW]	Fr_2 [N]	Fr_1 [N]				Page
170	175	8.01	3.2	2360	1300	**TFA**	**38**	**AD2**	299
121	188	7.44	2.5	2560	1190	**TFAF**	**38**	**AD2**	299
140	208	6.74	3.2	2270	1070	**TF**	**38**	**AD2**	299
135	231	6.05	3.4	2190	1060	**TFF**	**38**	**AD2**	299
125	269	5.21	3.7	2120	1080				
120	286	4.90	3.7	2100	1100				
110	332	4.22	4.0	2030	1120				
105	372	3.77	4.3	1970	1110				
400	7.3	190.76	0.35	5920	555	**TFA**	**48**	**AD1**	299
400	8	175.38	0.37	5920	545	**TFAF**	**48**	**AD1**	299
400	9.3	150.06	0.43	5920	530	**TF**	**48**	**AD1**	299
400	11	130.07	0.50	5920	510	**TFF**	**48**	**AD1**	299
400	12	121.57	0.53	5920	500				
400	13	105.09	0.61	5920	475				
400	16	89.29	0.71	5920	450				
400	18	79.72	0.80	5920	430				
400	21	68.09	0.94	5920	395				
400	21	65.36	0.98	5920	1180	**TFA**	**48**	**AD2**	299
400	25	56.49	1.1	5920	1600	**TFAF**	**48**	**AD2**	299
400	29	48.00*	1.3	5920	1580	**TF**	**48**	**AD2**	299
400	33	42.86	1.5	5920	1570	**TFF**	**48**	**AD2**	299
400	38	36.61	1.7	5920	1550				
400	41	34.29	1.8	5920	1540				
400	48	28.88	2.2	5790	1500				
400	45	30.86	2.0	5920	1230	**TFA**	**48**	**AD2**	299
400	48	29.32	2.1	5830	1220	**TFAF**	**48**	**AD2**	299
400	54	25.72	2.4	5470	1200	**TF**	**48**	**AD2**	299
400	64	21.82	2.8	5030	1170	**TFF**	**48**	**AD2**	299
400	71	19.70	3.1	4770	1140				
400	81	17.33	3.5	4450	1120				
400	86	16.36	3.7	4320	1100				
400	100	13.93	4.4	3950	1040				
400	111	12.66	4.8	3740	1010				
380	128	10.97	5.3	3580	990				
250	156	8.96	4.3	3860	860				
230	178	7.88	4.5	3770	910				
225	188	7.44*	4.6	3710	910				
200	221	6.34	4.8	3610	950				
191	243	5.76	5.1	3520	960				
173	281	4.99	5.3	3430	990				
600	7	199.70	0.49	9200	1530	**TFA**	**58**	**AD2**	299
600	7.6	183.60	0.54	9200	1520	**TFAF**	**58**	**AD2**	299
600	8.9	157.09	0.62	9200	1480	**TF**	**58**	**AD2**	299
600	10	136.16	0.72	9200	1450	**TFF**	**58**	**AD2**	299
600	11	127.27	0.76	9200	1440				
600	13	110.01	0.88	9200	1380				
600	15	93.47	1.0	9200	1340				
600	17	83.46	1.1	9200	1630				
600	19	72.98	1.3	9200	1480				
600	21	68.22	1.4	9200	1470				
600	24	58.97	1.6	9200	1440				
600	28	50.10	1.9	9200	1420				
600	31	44.73	2.1	9160	1400				
600	37	38.21	2.4	8510	1370				
600	39	35.79	2.6	8250	1350				
590	46	30.15	3.1	7650	1310				
265	35	40.13	1.0	10700	620	**TFA**	**58**	**AD2**	299
440	41	34.24	2.0	9030	1140	**TFAF**	**58**	**AD2**	299
415	47	29.94	2.1	8660	1170	**TF**	**58**	**AD2**	299
410	49	28.45	2.2	8510	1170	**TFF**	**58**	**AD2**	299
575	56	24.96	3.5	7060	820				

$M_{2\,max}$ [Nm]	n_2 [r/min]	i	P_{1n} [kW]	Fr_2 [N]	Fr_1 [N]				Page 
600	66	21.17	4.4	6350	1760	**TFA**	**58**	**AD3**	299
600	73	19.11	4.8	6020	1720	**TFAF**	**58**	**AD3**	299
600	83	16.81	5.4	5620	1690	**TF**	**58**	**AD3**	299
600	88	15.88	5.8	5450	1660	**TFF**	**58**	**AD3**	299
600	104	13.52	6.8	4980	1570				
600	114	12.29	7.5	4710	1520				
600	132	10.64	8.6	4320	1430				
310	150	9.31	5.1	5490	1650				
400	171	8.19	7.5	4580	1240				
390	181	7.73	7.7	4510	1250				
355	213	6.58	8.2	4370	1290				
335	234	5.98	8.5	4290	1320				
305	270	5.18	9.0	4190	1370				
820	6.1	228.99	0.59	10300	1440	**TFA**	**68**	**AD2**	299
820	7.2	195.39	0.68	10300	1400	**TFAF**	**68**	**AD2**	299
820	8.2	170.85	0.77	10300	1380	**TF**	**68**	**AD2**	299
820	8.6	162.31	0.81	10300	1380	**TFF**	**68**	**AD2**	299
820	9.8	142.40	0.93	10300	1330				
820	12	120.79	1.1	10300	1630				
820	13	109.04	1.2	10300	1620				
820	15	95.94	1.4	10300	1610				
820	15	90.59	1.4	10300	1610				
820	18	79.76	1.6	10300	1440				
820	21	67.65	1.9	10300	1420				
820	23	61.07	2.1	10300	1400				
820	26	53.73	2.4	10300	1390				
820	28	50.74	2.5	10300	1380				
820	32	43.20	3.0	10300	1340				
780	36	39.26	3.1	10700	1340				
740	41	34.01	3.4	11000	1330				
590	39	36.30	2.5	12000	1110	**TFA**	**68**	**AD2**	299
						TFAF	**68**	**AD2**	299
						TF	**68**	**AD2**	299
						TFF	**68**	**AD2**	299
820	44	32.08	3.9	10300	1760	**TFA**	**68**	**AD3**	299
820	51	27.41	4.6	10300	1720	**TFAF**	**68**	**AD3**	299
820	56	25.13	5.0	10300	1700	**TF**	**68**	**AD3**	299
820	63	22.05	5.7	10300	1660	**TFF**	**68**	**AD3**	299
820	67	20.90*	6.0	10300	1640				
820	77	18.29	6.8	10300	1580				
820	85	16.48	7.6	10300	1520				
820	97	14.46	8.7	10300	1450				
800	110	12.76	9.6	10500	1410				
745	124	11.31	10.1	10900	1440				
670	145	9.66	10.6	11500	1480				
450	154	9.08	7.6	11800	1210				
440	163	8.60	7.8	11700	1240				
410	186	7.53	8.3	11300	1300				
385	206	6.78	8.7	11000	1320				
355	235	5.95	9.1	10700	1370				
330	267	5.25	9.6	10300	1410				
305	301	4.66	10.0	10100	1440				
275	352	3.97	10.6	9680	1490				
1500	5	281.71	0.86	15700	920	**TFA**	**78**	**AD2**	299
1500	5.3	262.93	0.91	15700	920	**TFAF**	**78**	**AD2**	299
1500	6.2	225.79	1.1	15700	1550	**TF**	**78**	**AD2**	299
1500	7.1	198.31	1.2	15700	1540	**TFF**	**78**	**AD2**	299
1500	7.4	188.40	1.3	15700	1540				
1500	8.4	166.47	1.4	15700	1520				
1500	9.8	142.27	1.7	15700	1500				
1500	11	130.42	1.8	15700	1490				
1500	12	114.45	2.1	15700	1480				

$M_{2\,max}$ [Nm]	n_2 [r/min]	i	P_{1n} [kW]	Fr_2 [N]	Fr_1 [N]			Page
1500	13	108.46*	2.2	15700	1470	**TFA 78**	**AD2**	299
1500	15	94.93	2.5	15700	1450	**TFAF 78**	**AD2**	299
1500	16	85.52	2.7	15700	1430	**TF 78**	**AD2**	299
1500	19	75.02	3.1	15700	1400	**TFF 78**	**AD2**	299
1500	19	72.50	3.2	15700	1110			
1500	21	66.46	3.5	15700	1100			
1500	24	58.32	4.0	15700	1070			
1500	25	55.27	4.2	15700	1050			
1500	29	48.37	4.8	15700	1010			
1500	32	43.58	5.4	15700	2010	**TFA 78**	**AD3**	299
1500	37	38.23	6.1	15700	1960	**TFAF 78**	**AD3**	299
1500	42	33.74	6.9	15700	1910	**TF 78**	**AD3**	299
1500	47	29.91	7.8	15700	1850	**TFF 78**	**AD3**	299
1450	55	25.54	8.9	16100	1810			
1110	38	36.58	4.7	17900	1580	**TFA 78**	**AD3**	299
1110	44	31.51	5.4	17900	1540	**TFAF 78**	**AD3**	299
1200	49	28.75	6.4	17400	1400	**TF 78**	**AD3**	299
						TFF 78	**AD3**	299
1500	55	25.50*	9.1	15700	3010	**TFA 78**	**AD4**	299
1500	65	21.43	10.7	15700	2940	**TFAF 78**	**AD4**	299
1500	71	19.70	11.6	15700	2890	**TF 78**	**AD4**	299
1500	80	17.49	13.1	15700	2830	**TFF 78**	**AD4**	299
1500	90	15.64*	14.6	15700	2760			
1420	100	14.06	15.4	16100	2790			
1280	115	12.20	16.0	15700	2880			
1180	128	10.93	16.5	15400	2950			
810	151	9.30	13.3	15000	2630			
765	170	8.26	14.1	14600	2680			
720	190	7.39	14.9	14200	2730			
670	211	6.64	15.4	13900	2800			
605	243	5.76	16.0	13500	2880			
555	271	5.16	16.4	13200	2950			
470	327	4.28	16.8	12700	3080			
3000	5.2	270.68	1.7	19800	1360	**TFA 88**	**AD2**	299
3000	5.5	255.37	1.8	19800	1360	**TFAF 88**	**AD2**	299
3000	6.1	228.93	2.0	19800	1340	**TF 88**	**AD2**	299
3000	7.1	197.20	2.4	19800	1320	**TFF 88**	**AD2**	299
3000	7.8	179.97	2.6	19800	1310			
3000	8.8	159.61	2.9	19800	1290			
3000	10	134.16	3.5	19800	1260			
3000	11	123.29	3.8	19800	1240			
3000	13	109.49	4.3	19800	1210			
3000	14	97.89	4.8	19800	1180			
3000	16	88.01	5.3	19800	1150			
3000	18	76.39	6.1	19800	1100			
3000	20	68.40	6.8	19600	2020	**TFA 88**	**AD3**	299
3000	25	56.75	8.2	17700	1940	**TFAF 88**	**AD3**	299
2940	28	50.36	9.1	16800	1530	**TF 88**	**AD3**	299
2820	31	45.28	9.7	16200	1530	**TFF 88**	**AD3**	299
2720	36	39.30	10.7	15400	1500			
2610	40	35.19	11.6	14900	3520	**TFA 88**	**AD4**	299
2510	48	29.20	13.4	13800	3460	**TFAF 88**	**AD4**	299
						TF 88	**AD4**	299
						TFF 88	**AD4**	299
2560	41	33.92	11.5	14800	2530	**TFA 88**	**AD4**	299
2390	49	28.78	12.7	14100	2600	**TFAF 88**	**AD4**	299
						TF 88	**AD4**	299
						TFF 88	**AD4**	299
3000	53	26.50	17.5	11100	5200	**TFA 88**	**AD5**	299
3000	59	23.68	19	10300	5120	**TFAF 88**	**AD5**	299
3000	66	21.32*	21	9530	5050	**TF 88**	**AD5**	299
3000	73	19.31	24	8840	4970	**TFF 88**	**AD5**	299

$M_{2\,max}$ [Nm]	n_2 [r/min]	i	P_{1n} [kW]	Fr_2 [N]	Fr_1 [N]			Page
3000	82	17.12	27	8040	4880	**TFA 88**	**AD5**	299
3000	90	15.48	30	7390	4780	**TFAF 88**	**AD5**	299
3000	107	13.12*	35	6370	4570	**TF 88**	**AD5**	299
3000	122	11.46	40	5580	4410	**TFF 88**	**AD5**	299
2880	146	9.58	46	5050	4260			
1530	169	8.29	28	8890	4430			
1530	190	7.35	32	8280	4320			
1530	211	6.65	35	7790	4200			
1530	248	5.63	41	7020	3950			
1510	285	4.92	47	6510	3710			
1260	340	4.12	47	6830	4190			
4300	5.1	276.77	2.5	29900	2190	**TFA 98**	**AD3**	299
4300	5.5	253.41	2.7	29900	2180	**TFAF 98**	**AD3**	299
4300	6.2	223.88	3.0	29900	2160	**TF 98**	**AD3**	299
4300	7.4	189.92	3.6	29900	2130	**TFF 97**	**AD3**	299
4300	8	174.87	3.9	29900	2120			
4300	9	156.30	4.3	29900	2090			
4300	10	140.71	4.8	29900	2070			
4300	11	127.42	5.3	29900	2050			
4300	12	112.99	5.9	29900	2020			
4300	14	102.16	6.6	29900	1990			
4300	14	97.58	6.9	29900	1520			
4300	16	89.85	7.5	29900	1480			
4300	16	86.59	7.7	29900	1930			
4300	17	80.31	8.3	29900	1440			
4300	19	75.63	8.9	29900	1880			
4300	19	72.29	9.3	29900	1400			
4300	21	65.47	10.2	29000	3400	**TFA 98**	**AD4**	299
4300	24	58.06	11.5	27200	3360	**TFAF 98**	**AD4**	299
4300	27	52.49	12.8	25800	3310	**TF 98**	**AD4**	299
4300	31	44.49	15.1	23600	3210	**TFF 98**	**AD4**	299
4300	36	38.86	17.3	21900	3130			
4300	43	32.50	21.0	19800	2990			
3070	32	43.28	10.8	27600	2700	**TFA 98**	**AD4**	299
3070	38	36.64	12.8	25500	2620	**TFAF 98**	**AD4**	299
						TF 98	**AD4**	299
						TFF 98	**AD4**	299
4300	41	33.91	19	20300	4930	**TFA 98**	**AD5**	299
4300	46	30.39	22	19000	4860	**TFAF 98**	**AD5**	299
4300	51	27.44*	24	17900	4730	**TF 98**	**AD5**	299
4300	56	24.92	26	16800	4650	**TFF 98**	**AD5**	299
4300	63	22.11	30	15600	4550			
4300	70	20.07	33	14600	4450			
4300	81	17.25*	38	13200	4270			
4300	93	15.06	44	11900	4090			
4300	110	12.77	51	10500	6830	**TFA 98**	**AD6**	299
4100	125	11.16	56	10000	6780	**TFAF 98**	**AD6**	299
2360	154	9.06	40	13400	6450	**TF 98**	**AD6**	299
2360	170	8.22	44	12600	6330	**TFF 98**	**AD6**	299
2360	198	7.07	51	11500	6080			
2250	227	6.17	56	11100	6110			
1930	268	5.23	56	11300	6470			
1690	306	4.57	56	11400	6760			
7680	5.5	254.40*	4.7	49800	1860	**TFA 108**	**AD3**	299
7680	6.5	215.37	5.6	49800	1830	**TFAF 108**	**AD3**	299
7680	7	199.31	6.0	49800	1810	**TF 108**	**AD3**	299
7680	7.8	178.64	6.7	49800	1780	**TFF 108**	**AD3**	299
7680	8.7	161.28*	7.4	49800	1720			
7680	9.6	146.49	8.2	49800	1690			
7680	11	129.97	9.2	49800	1650			
7680	12	117.94	10.2	49800	1610			

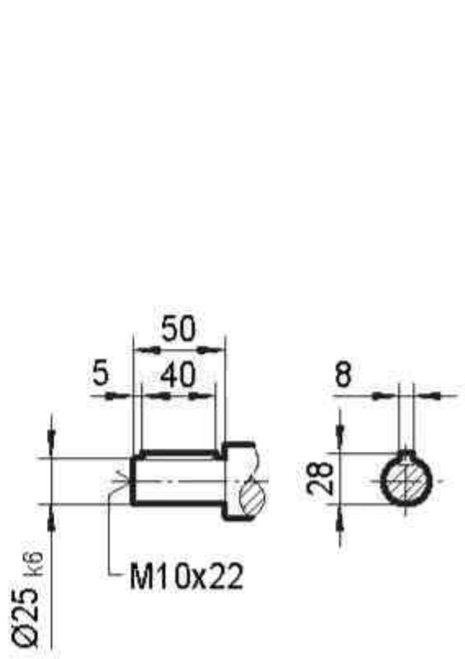
$M_{2\,max}$ [Nm]	n_2 [r/min]	i	P_{1n} [kW]	Fr_2 [N]	Fr_1 [N]			Page
7680	14	101.38*	11.8	49800	3570	**TFA 108**	**AD4**	299
7680	15	92.47*	13.0	49800	3020	**TFAF 108**	**AD4**	299
7680	16	88.49	13.5	49800	3510	**TF 108**	**AD4**	299
7680	17	83.99	14.3	49800	2970	**TFF 108**	**AD4**	299
7680	19	74.52	16.1	49800	2910			
7680	21	67.62	17.7	49800	2860			
7680	24	58.12*	20	47800	2750			
7680	28	50.73	23	45100	2650			
7680	33	43.03	28	42000	5730	**TFA 108**	**AD5**	299
7680	37	37.61	32	39500	5600	**TFAF 108**	**AD5**	299
7680	44	31.80	38	36500	5440	**TF 108**	**AD5**	299
						TFF 108	**AD5**	299
7400	41	33.79*	33	38300	6560	**TFA 108**	**AD6**	299
7840	51	27.57	43	33700	5890	**TFAF 108**	**AD6**	299
7840	56	25.14	48	32200	5660	**TF 108**	**AD6**	299
7840	64	21.76*	55	30000	5220	**TFF 108**	**AD6**	299
7090	73	19.20*	56	30100	6010			
6120	84	16.58	56	30600	6470			
5410	95	14.67	56	30800	6760			
4540	114	12.33	56	30800	7130			
4000	141	9.96	61	29600	7210			
3580	144	9.69	56	29300	6000			
3090	167	8.37	56	29100	6460			
2730	189	7.40	56	28800	6770			
2290	225	6.22	56	28200	7130			
12000	8.2	170.83	11.0	90000	3170	**TFA 128**	**AD4**	299
12000	9.1	153.67*	12.2	90000	3120	**TFAF 128**	**AD4**	299
12000	11	125.37	14.9	90000	2990	**TF 128**	**AD4**	299
12000	12	114.34	16.4	88000	2950	**TFF 128**	**AD4**	299
12000	14	98.95	19	83000	2860			
12000	16	87.31*	21	78900	2780			
12000	19	75.41*	25	74300	2680			
12000	20	70.07	27	72100	4910	**TFA 128**	**AD5**	299
12000	22	63.91	29	69400	4840	**TFAF 128**	**AD5**	299
12000	25	55.31	33	65300	4700	**TF 128**	**AD5**	299
12000	29	48.80	38	61800	4580	**TFF 128**	**AD5**	299
12000	33	42.15	44	57900	4410			
12000	38	37.28	50	54800	7210	**TFA 128**	**AD6**	299
						TFAF 128	**AD6**	299
						TF 128	**AD6**	299
						TFF 128	**AD6**	299
12000	45	31.33	59	50600	17000	**TFA 128**	**AD7**	299
12000	55	25.30	73	45700	16600	**TFAF 128**	**AD7**	299
						TF 128	**AD7**	299
						TFF 128	**AD7**	299
8500	52	26.86	48	55300	4940	**TFA 128**	**AD6**	299
8500	57	24.57	53	53300	4730	**TFAF 128**	**AD6**	299
						TF 128	**AD6**	299
						TFF 128	**AD6**	299
12000	65	21.38	86	42000	23800	**TFA 128**	**AD8**	299
10800	74	18.87	87	42300	24200	**TFAF 128**	**AD8**	299
11000	86	16.36	103	39000	23800	**TF 128**	**AD8**	299
11000	96	14.55	115	36200	23600	**TFF 128**	**AD8**	299
10000	112	12.54	122	36400	23900			
9040	137	10.19	135	35000	23900			
7000	158	8.86	121	36400	22700			
6000	178	7.88	116	37000	23500			
6030	206	6.80	136	34700	23200			
4900	254	5.52	136	34500	23900			
4150	299	4.68	135	34100	24400			

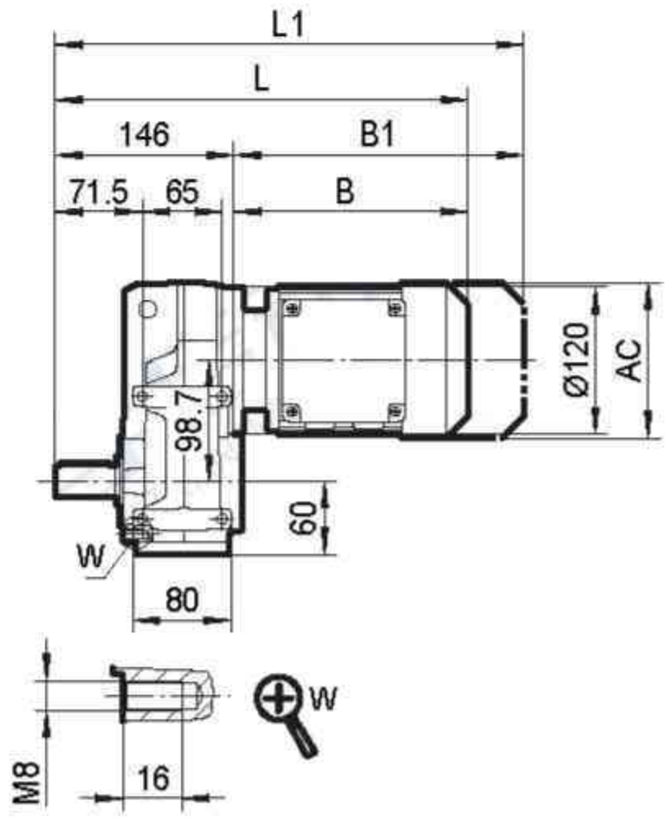
$M_{2\,max}$ [Nm]	n_2 [r/min]	i	P_{1n} [kW]	Fr_2 [N]	Fr_1 [N]			Page
18000	5.2	267.43	10.6	100300	6320	**TFA**	**158**	**AD5**	299
18000	6.4	217.62*	13.0	100300	6250	**TFAF**	**158**	**AD5**	299
18000	7.9	178.20*	15.8	100300	6140	**TF**	**158**	**AD5**	299
18000	8.6	162.96	17.2	100300	6100	**TFF**	**158**	**AD5**	299
18000	9.9	141.80*	20	100300	6030				
18000	11	125.14	22	100300	5960				
18000	13	108.49	26	100300	5870				
18000	15	96.53*	29	100300	5780				
18000	16	85.80*	32	95700	4340				
18000	18	78.46	35	92300	4260				
18000	21	68.28*	41	87000	4110				
18000	23	60.25	46	82500	3910				
18000	27	52.24	53	77500	6770	**TFA**	**158**	**AD6**	299
						TFAF	**158**	**AD6**	299
						TF	**158**	**AD6**	299
						TFF	**158**	**AD6**	299
18000	30	46.48*	60	73600	16700	**TFA**	**158**	**AD7**	299
18000	35	40.06	69	68900	16500	**TFAF**	**158**	**AD7**	299
18000	43	32.55	85	62500	15700	**TF**	**158**	**AD7**	299
						TFF	**158**	**AD7**	299
18000	51	27.60	101	57800	25800	**TFA**	**158**	**AD8**	299
						TFAF	**158**	**AD8**	299
						TF	**158**	**AD8**	299
						TFF	**158**	**AD8**	299
8000	26	53.55	23	98300	4570	**TFA**	**158**	**AD5**	299
						TFAF	**158**	**AD5**	299
						TF	**158**	**AD5**	299
						TFF	**158**	**AD5**	299
10000	32	43.94*	35	87800	6580	**TFA**	**158**	**AD6**	299
11000	39	35.75*	47	79300	5160	**TFAF**	**158**	**AD6**	299
						TF	**158**	**AD6**	299
						TFF	**158**	**AD6**	299
17000	49	28.60*	91	60800	23300	**TFA**	**158**	**AD8**	299
15000	55	25.43	90	61500	24000	**TFAF**	**158**	**AD8**	299
18000	63	22.16	124	51800	22400	**TF**	**158**	**AD8**	299
17000	71	19.77	131	50900	22600	**TFF**	**158**	**AD8**	299
18000	83	16.85	161	44900	21700				
17000	100	13.96	184	42500	21500				
16000	117	11.92	203	40900	21400				

4.4 OUTLINE DIMENSION SHEET

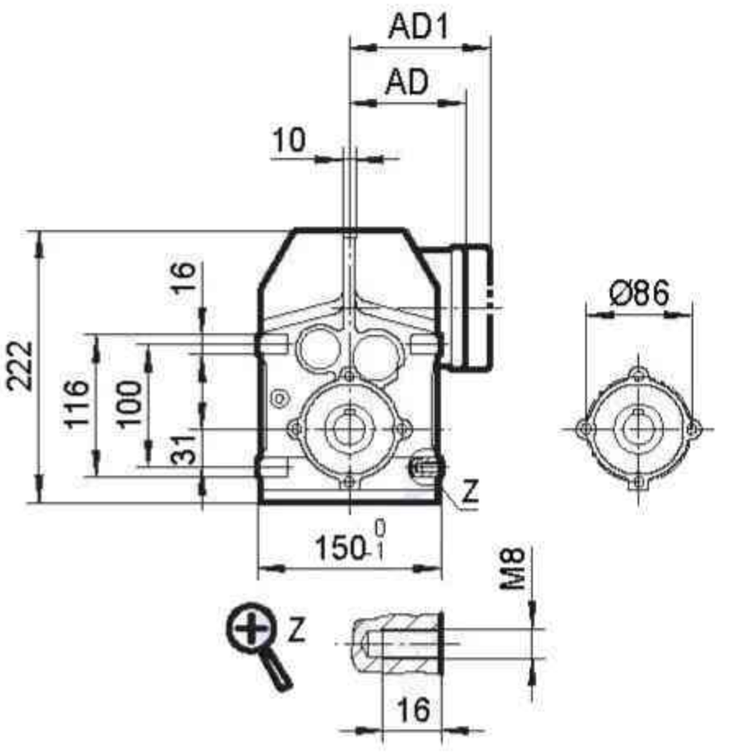
4.4.1 TF.. Outline Dimension

TF28..





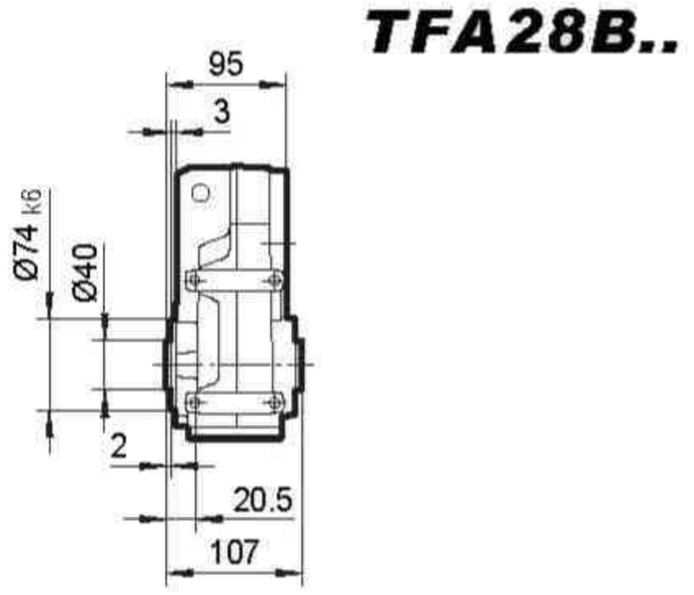
TFA28B..

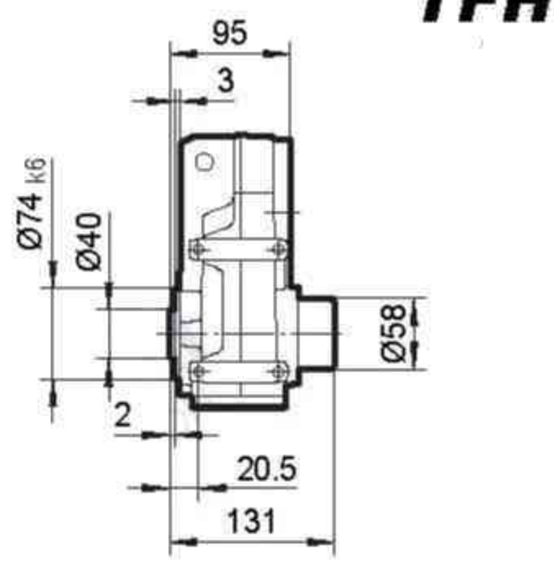


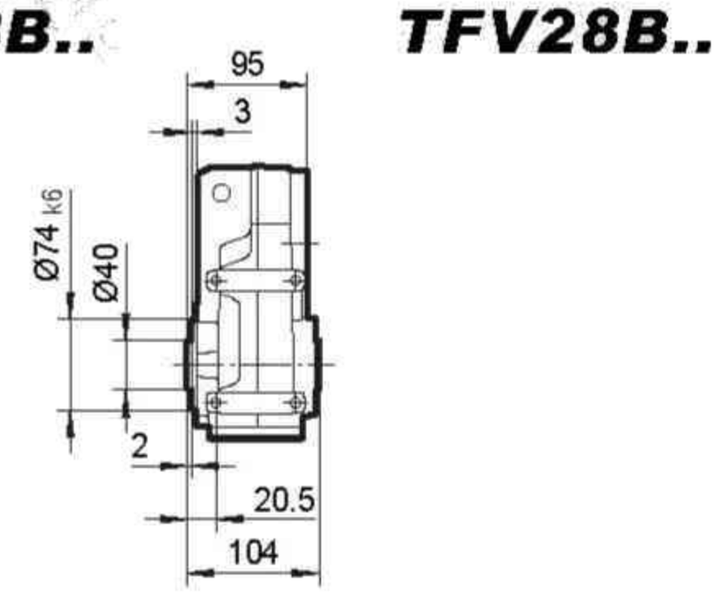
TFH28B..

TFV28B..

max.MY80..

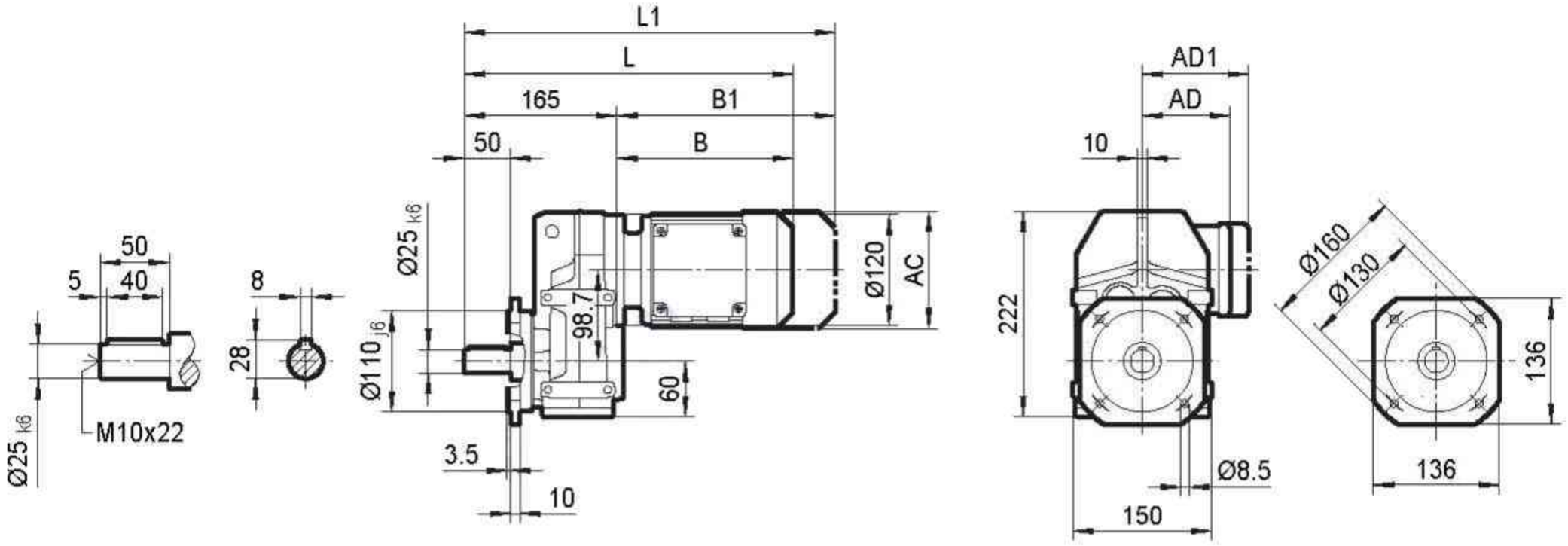




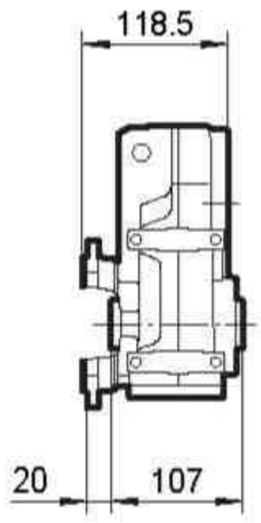


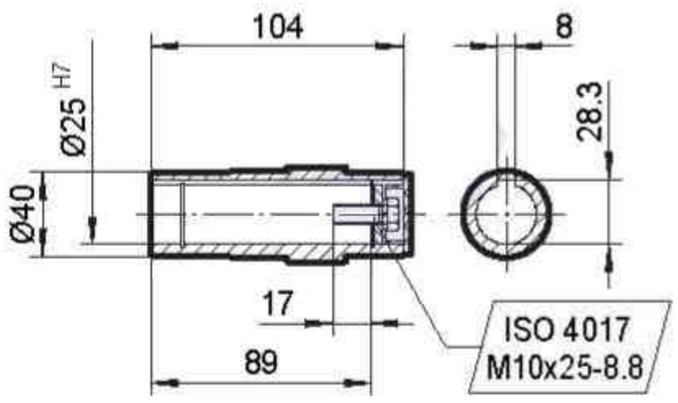
	MY63..	MY71D	MY80..	MY90..							
AC	132	145	145	197							
AD	105	122	122	154							
AD1	105	127	127	161							
B	191	206	256	276							
B1	246	269	319	361							
L	337	352	402	422							
L1	392	415	465	507							

TFF28..



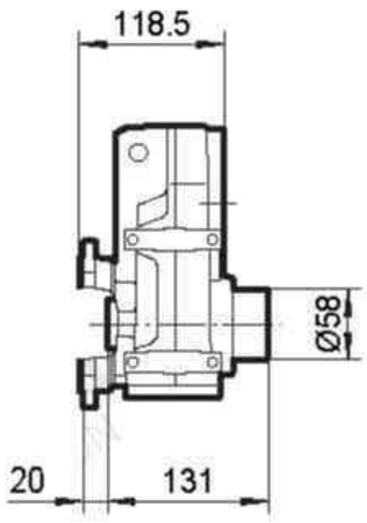
TFAF28..

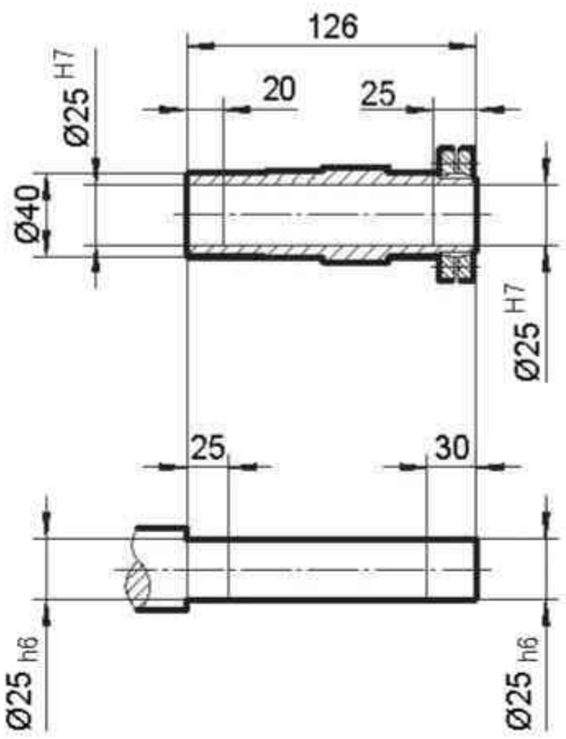




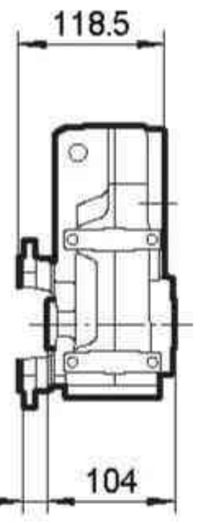
TFHF28..

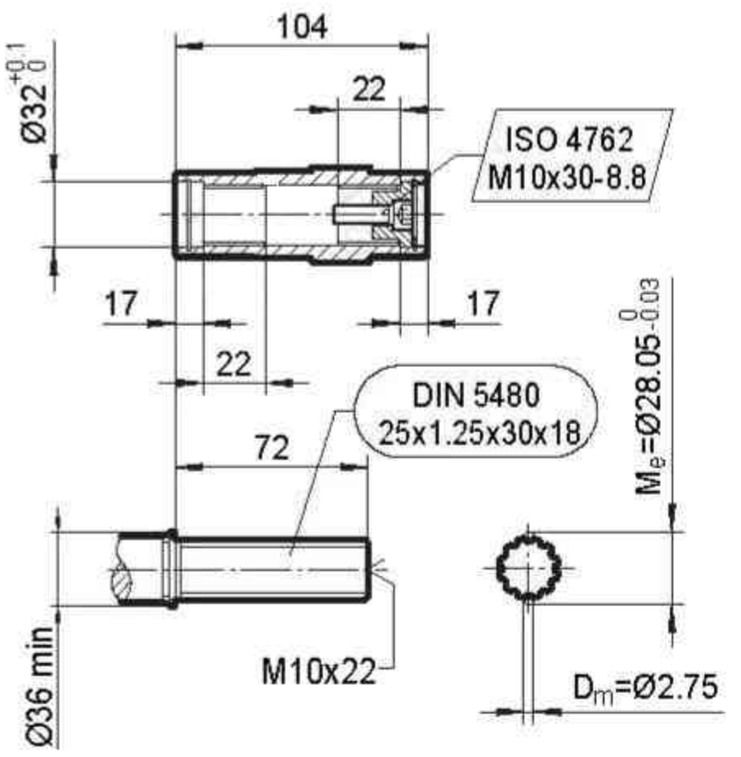
max.MY80..





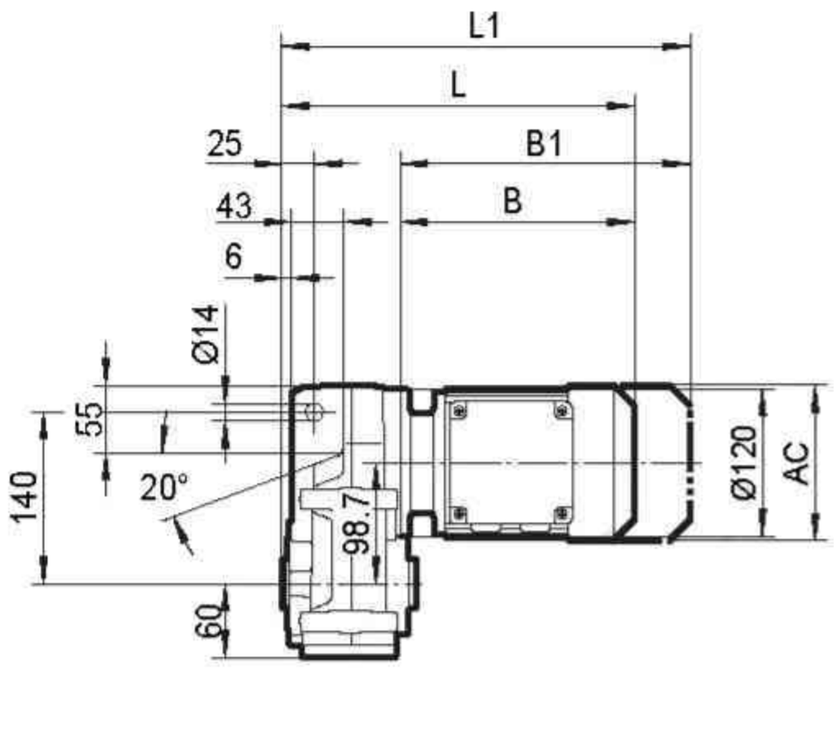
TFVF28..

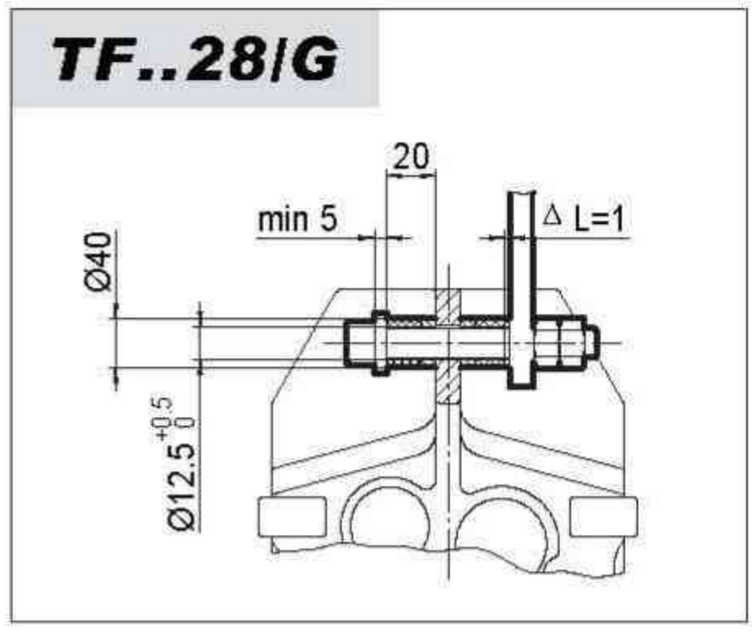




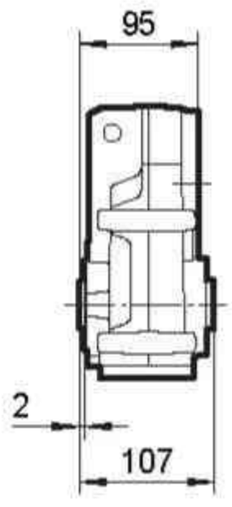
	MY63..	MY71D	MY80..	MY90..							
AC	132	145	145	197							
AD	105	122	122	154							
AD1	105	127	127	161							
B	191	206	256	276							
B1	246	269	319	361							
L	356	371	421	441							
L1	411	434	484	526							

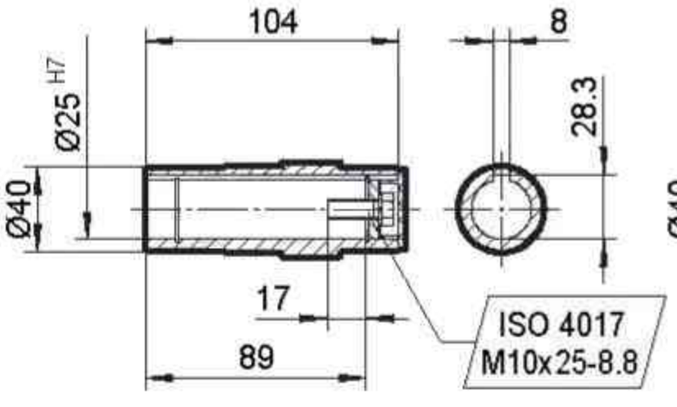
TFA28..





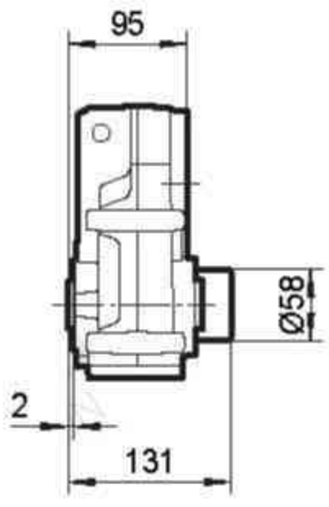
TFA28..

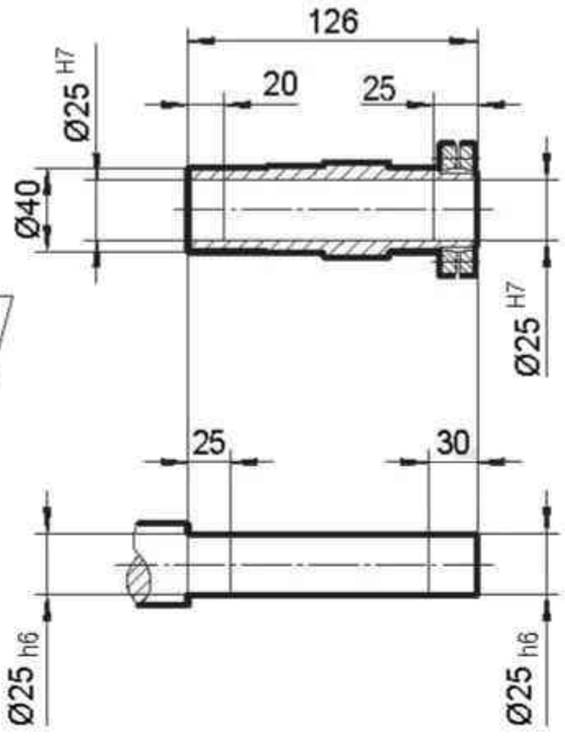




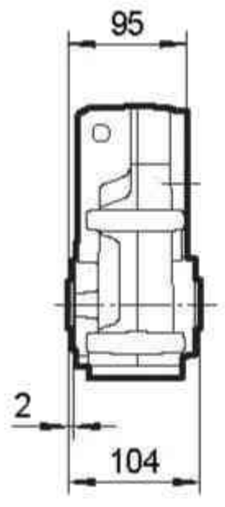
TFH28..

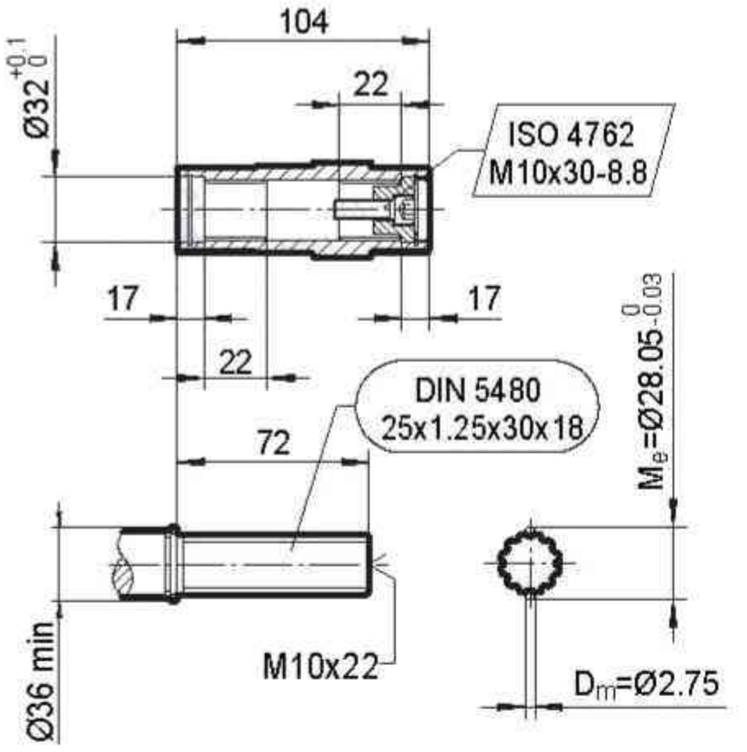
max.MY80..





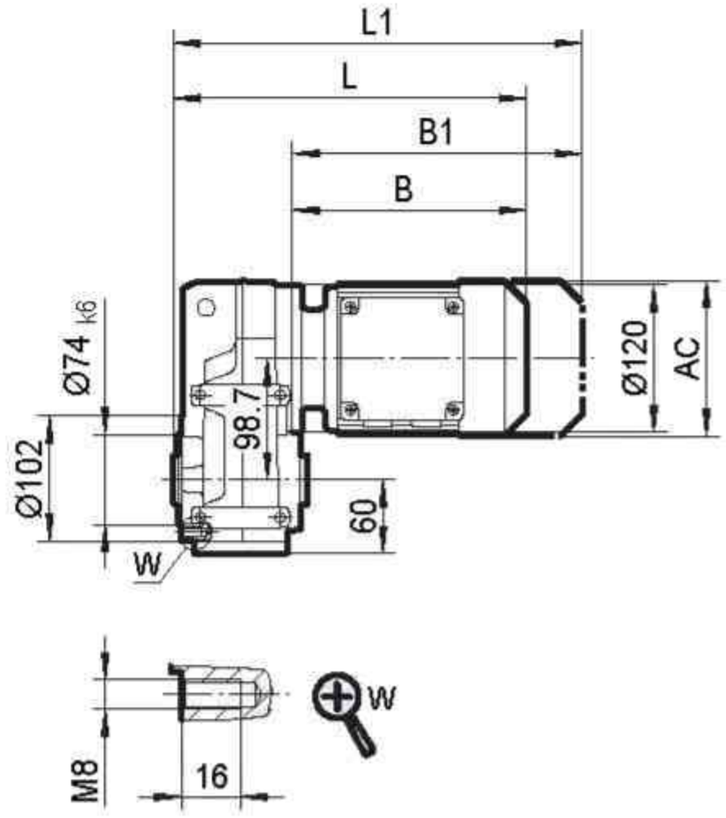
TFV28..

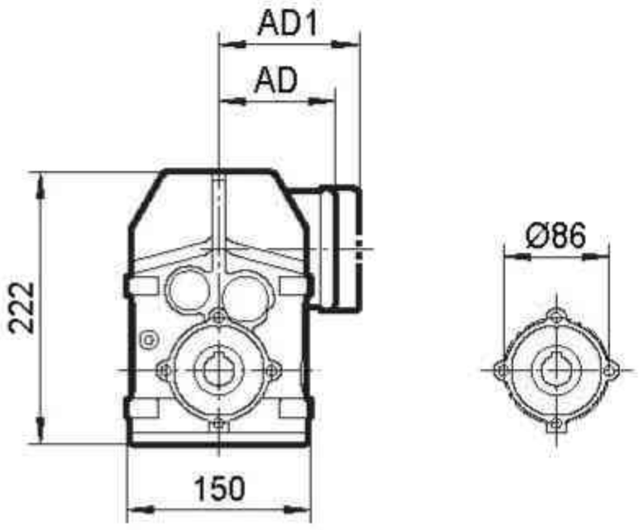




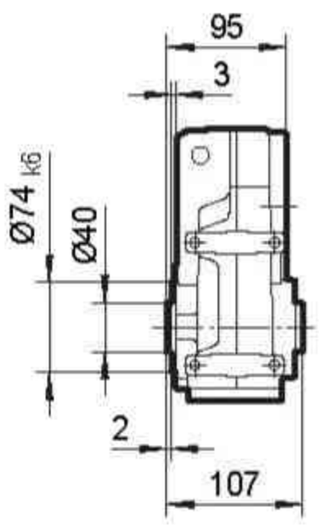
	MY63..	MY71D	MY80..	MY90..							
AC	132	145	145	197							
AD	105	122	122	154							
AD1	105	127	127	161							
B	191	206	256	276							
B1	246	269	319	361							
L	286	301	351	371							
L1	341	364	414	456							

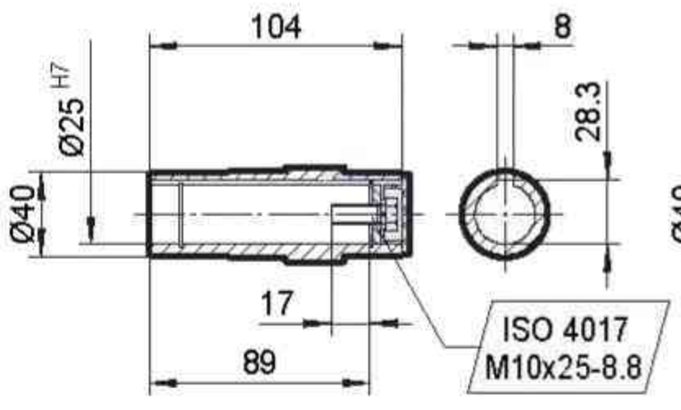
TFAZ28..





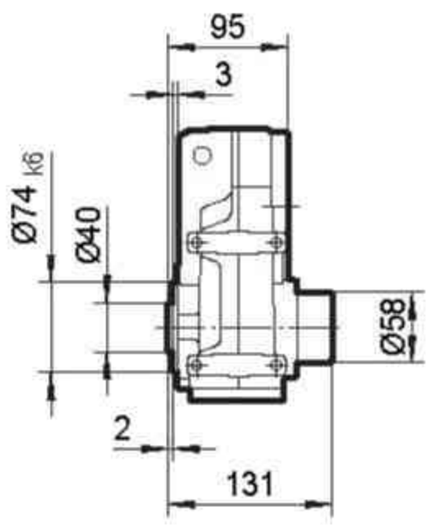
TFAZ28..

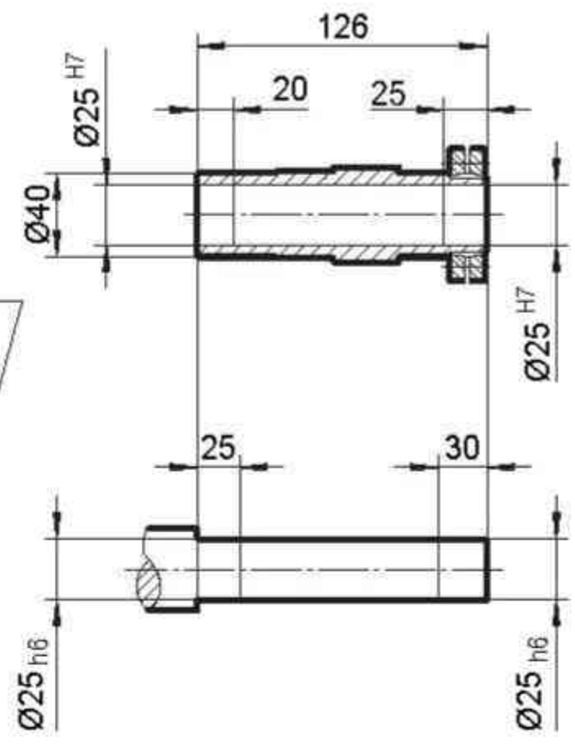




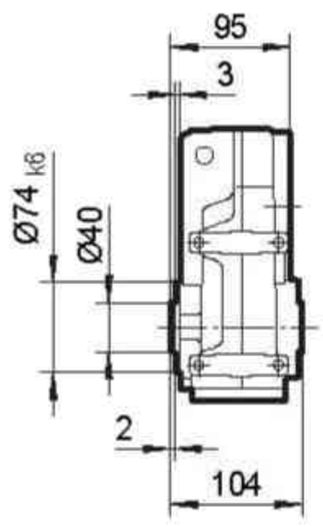
TFHZ28..

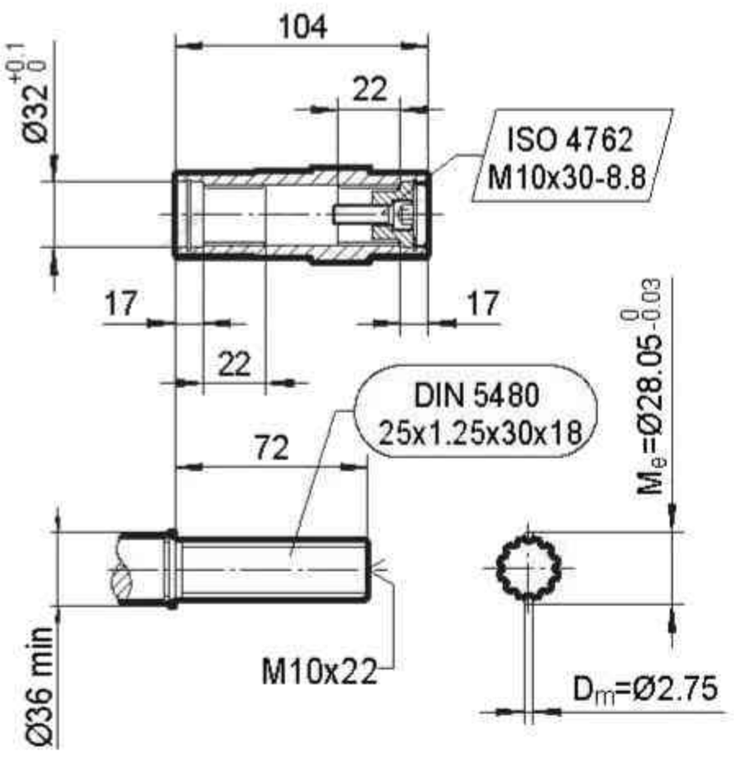
max.MY80..





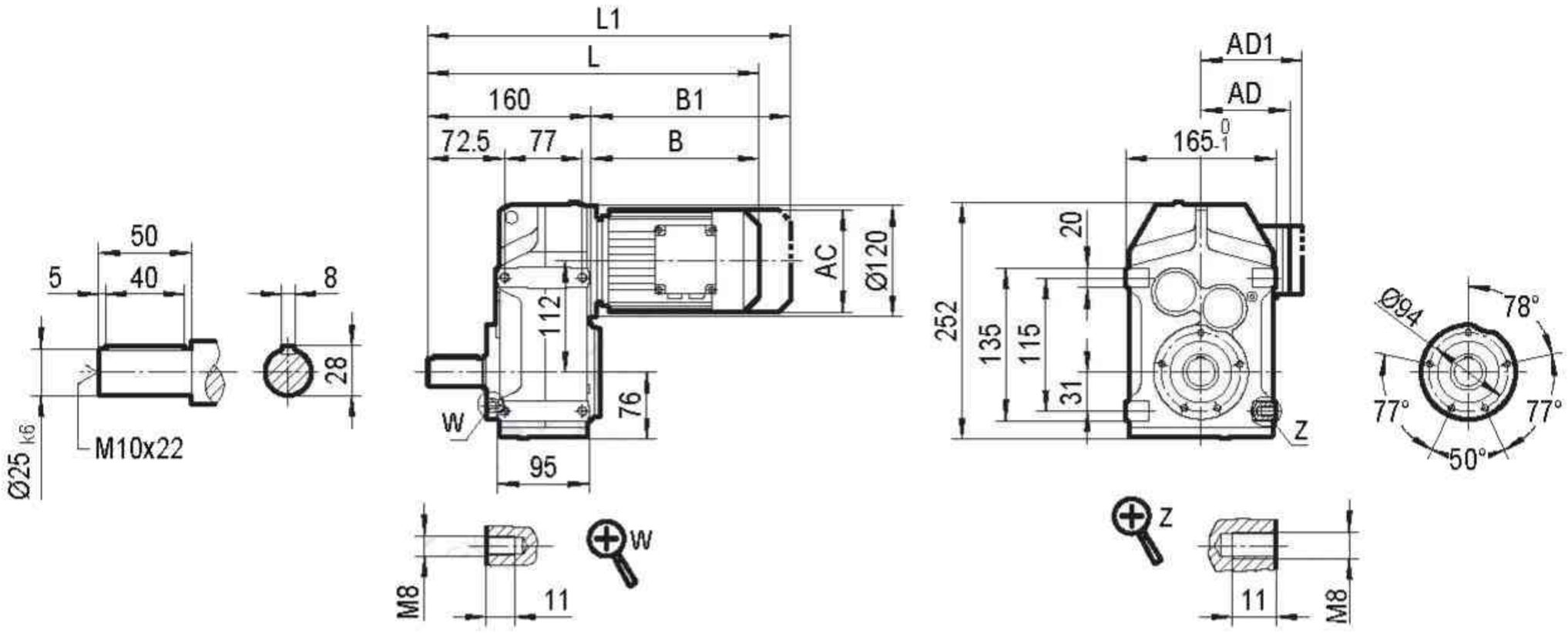
TFVZ28..



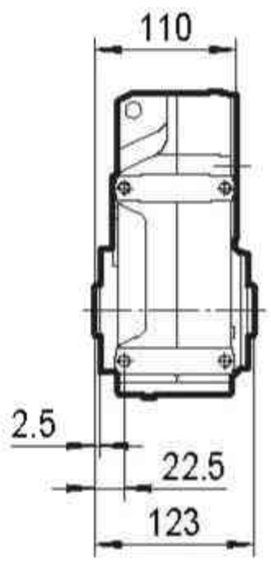


	MY63..	MY71D	MY80..	MY90..							
AC	132	145	145	197							
AD	105	122	122	154							
AD1	105	127	127	161							
B	191	206	256	276							
B1	246	269	319	361							
L	286	301	351	371							
L1	341	364	414	456							

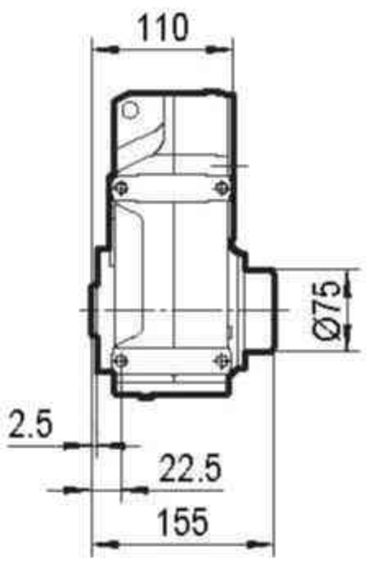
TF38..



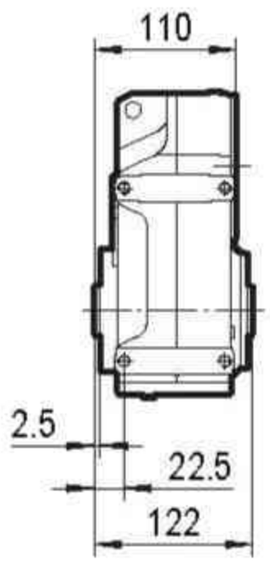
TFA38B..

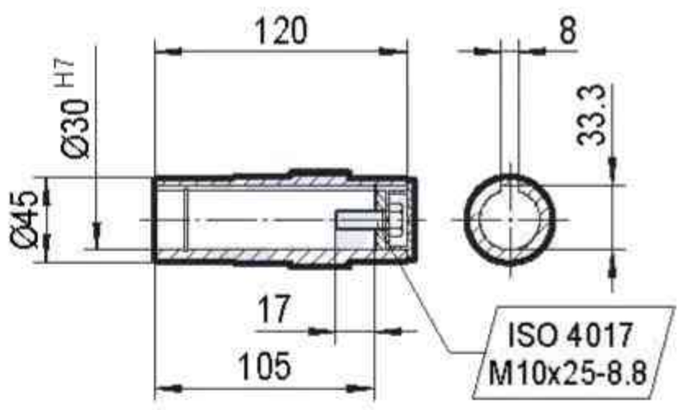


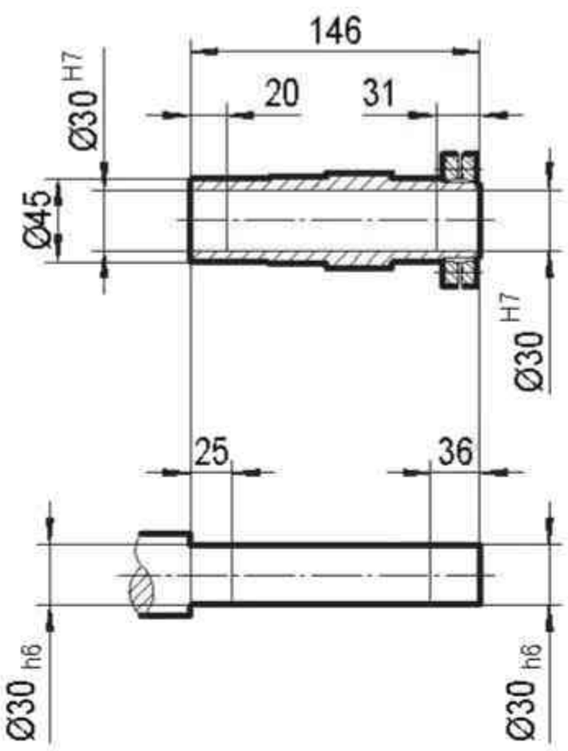
TFH38B..

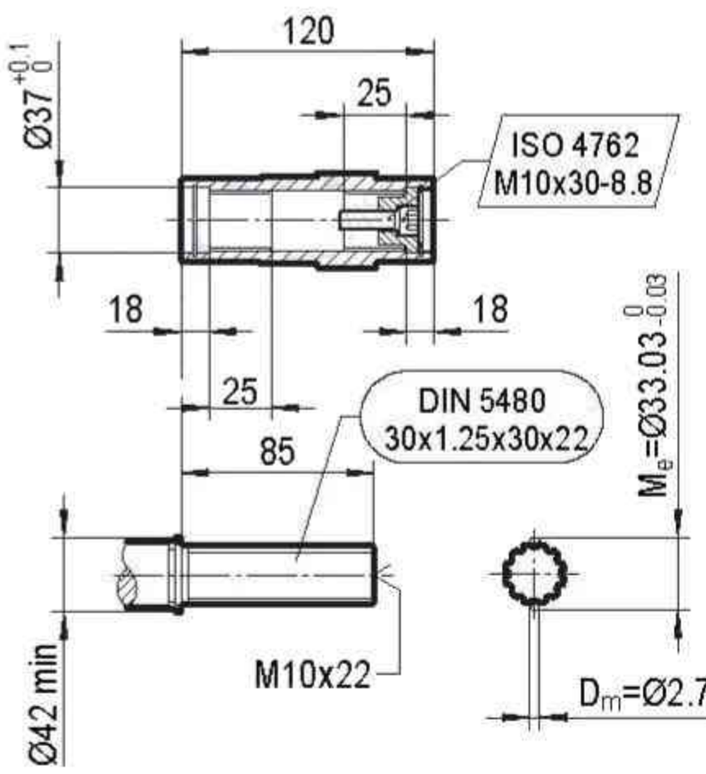


TFV38B..



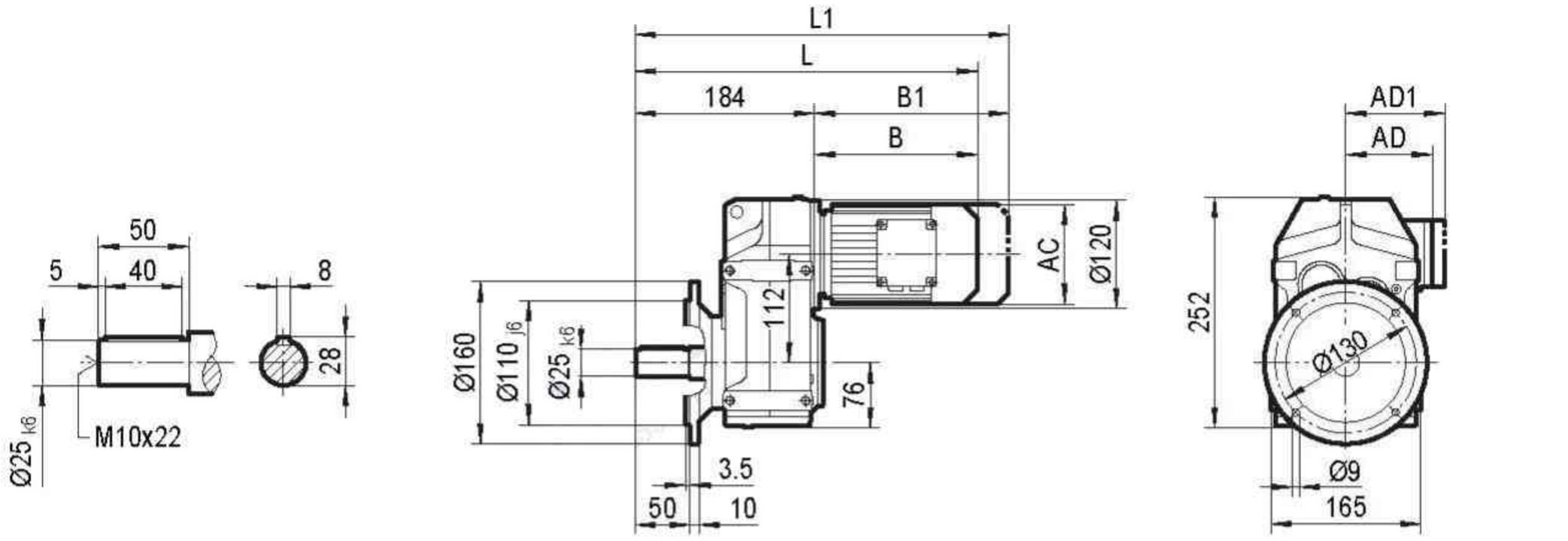




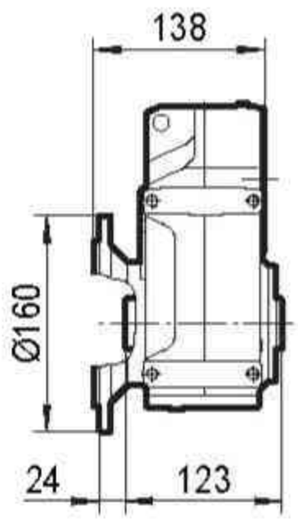


	MY63..	MY71D	MY80..	MY90..	MY100M	MY100L					
AC	132	145	145	197	197	197					
AD	105	122	122	154	166	166					
AD1	105	127	127	161	166	166					
B	191	206	256	276	328	358					
B1	246	269	319	361	413	443					
L	351	366	416	436	488	518					
L1	406	429	479	521	573	603					

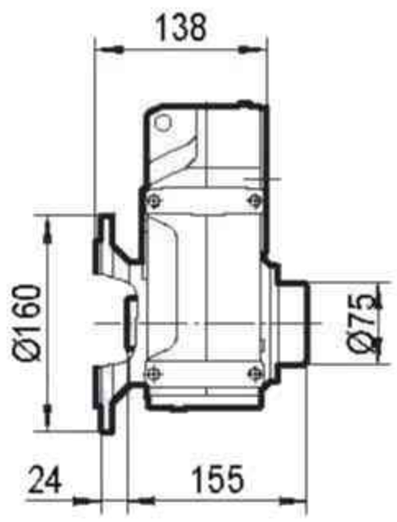
TFF38..



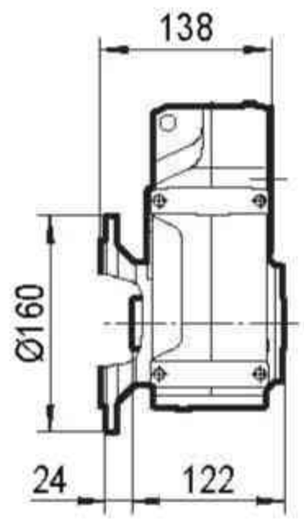
TFAF38..

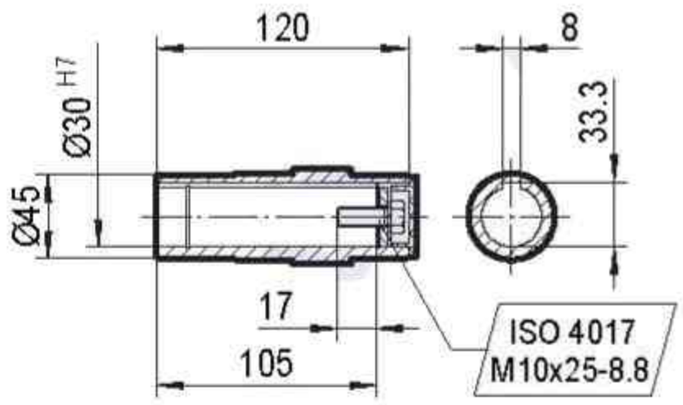


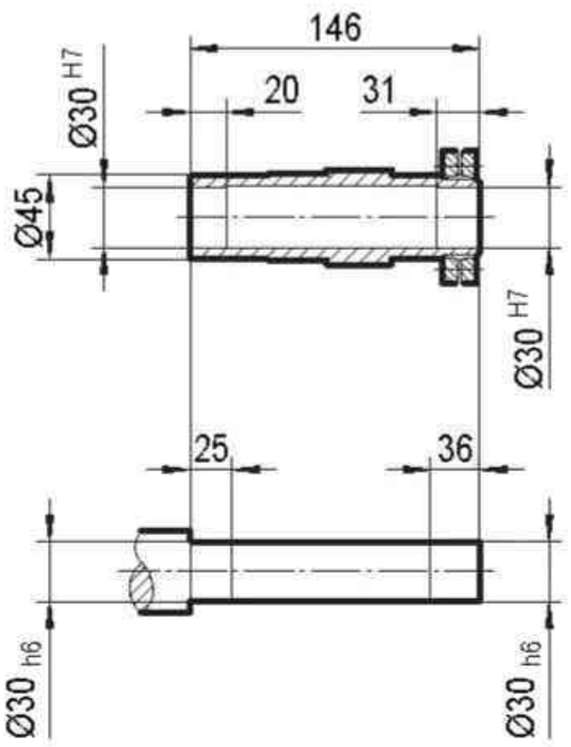
TFHF38..

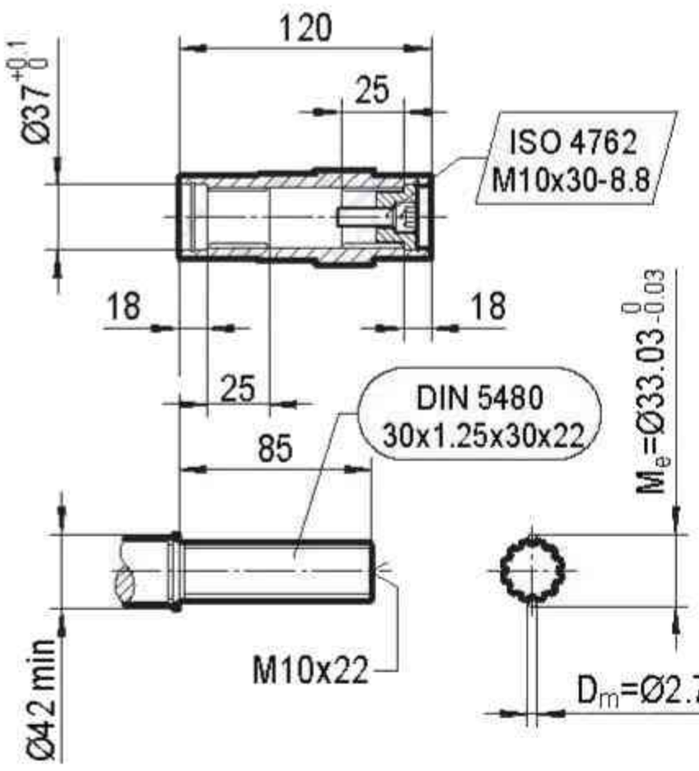


TFVF38..



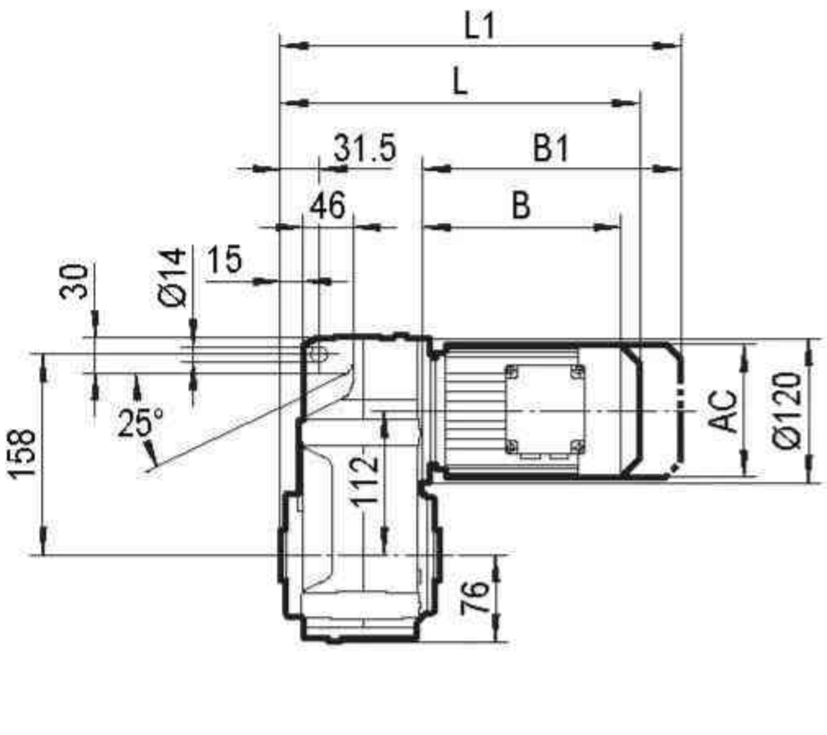


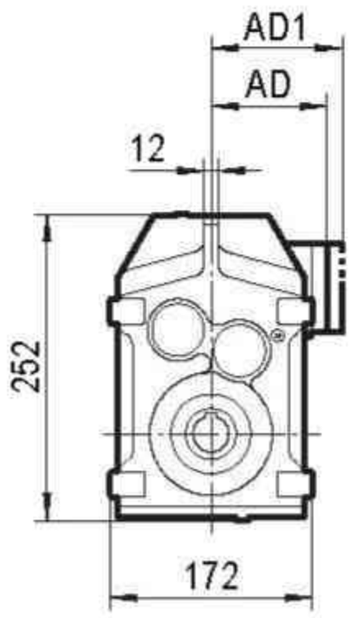




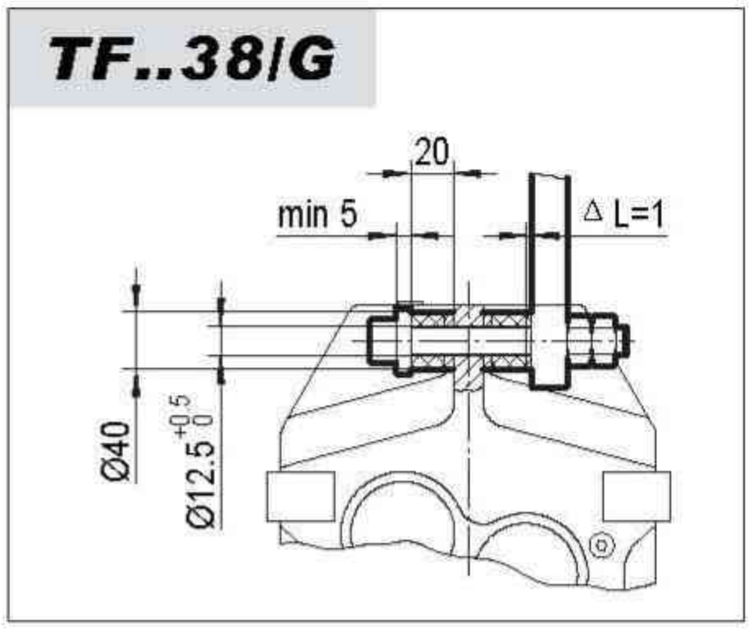
	MY63..	MY71D	MY80..	MY90..	MY100M	MY100L					
AC	132	145	145	197	197	197					
AD	105	122	122	154	166	166					
AD1	105	127	127	161	166	166					
B	191	206	256	276	328	358					
B1	246	269	319	361	413	443					
L	375	390	440	460	512	542					
L1	430	453	503	545	597	627					

TFA38..

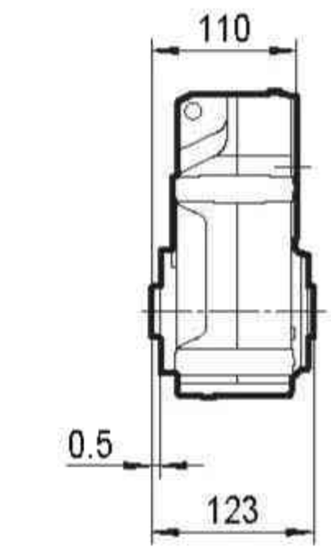


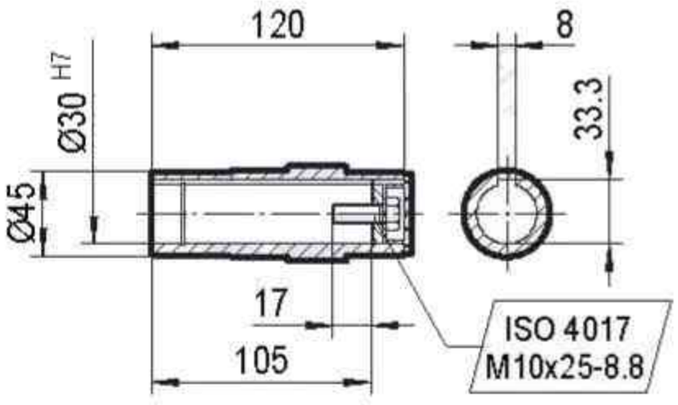


TF..38/G

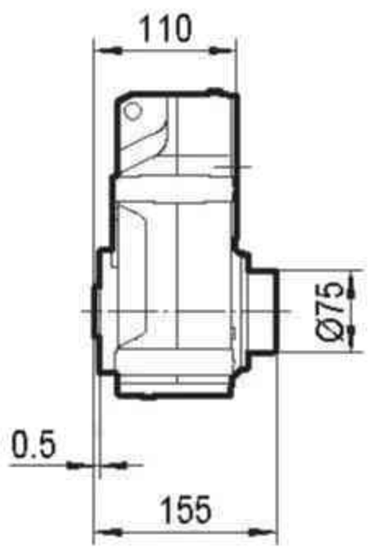


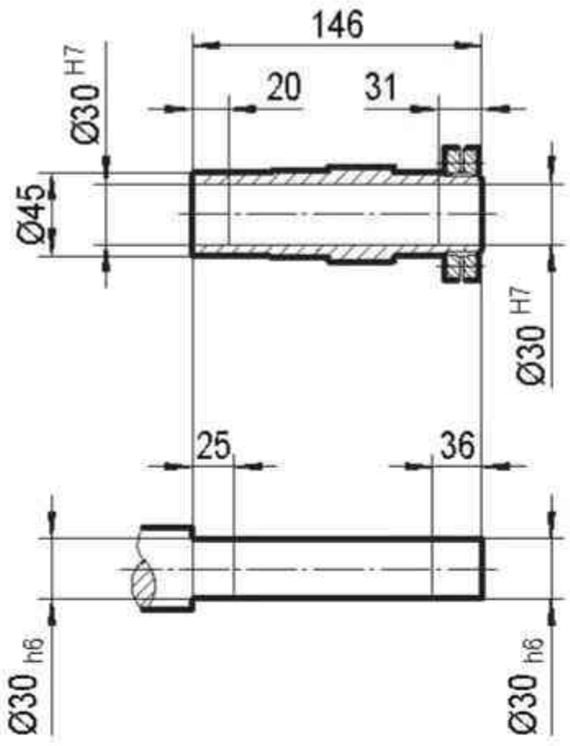
TFA38..



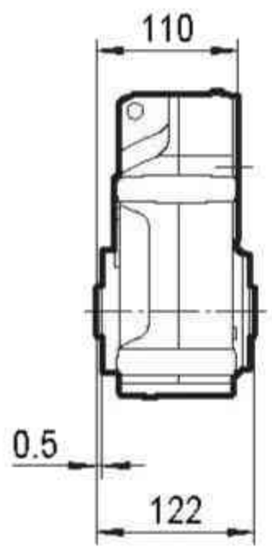


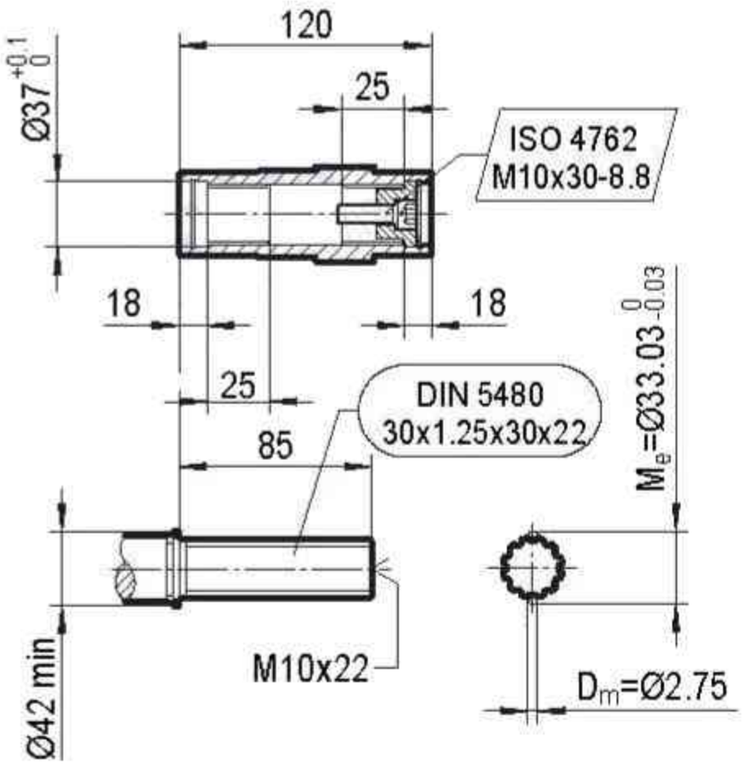
TFH38..





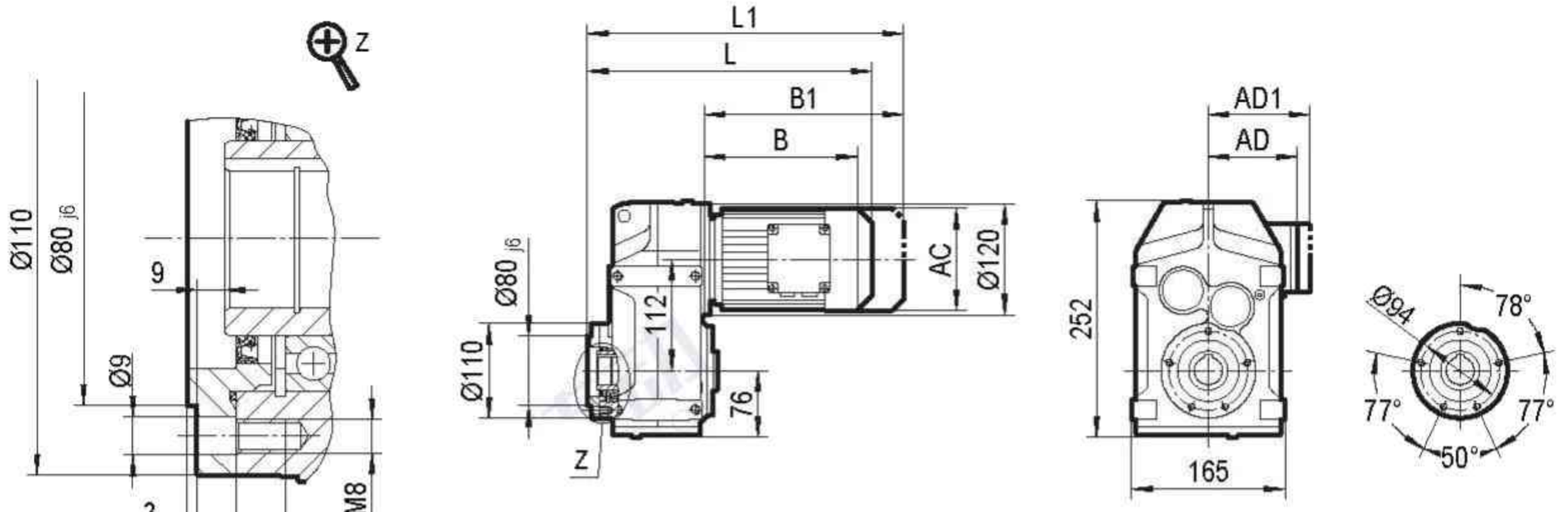
TFV38..



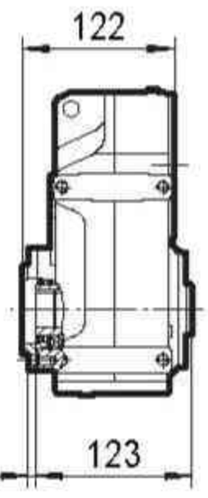


	MY63..	MY71D	MY80..	MY90..	MY100M	MY100L					
AC	132	145	145	197	197	197					
AD	105	122	122	154	166	166					
AD1	105	127	127	161	166	166					
B	191	206	256	276	328	358					
B1	246	269	319	361	413	443					
L	301	316	366	386	438	468					
L1	356	379	429	471	523	553					

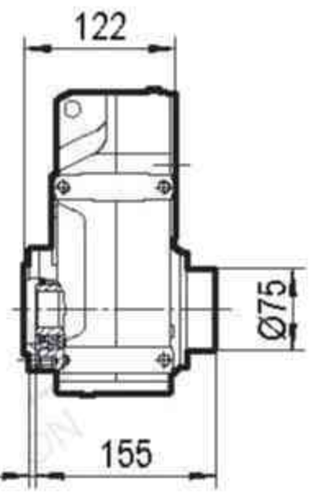
TFAZ38..



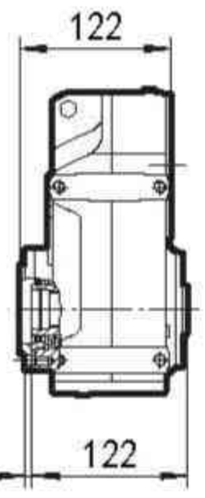
TFAZ38..

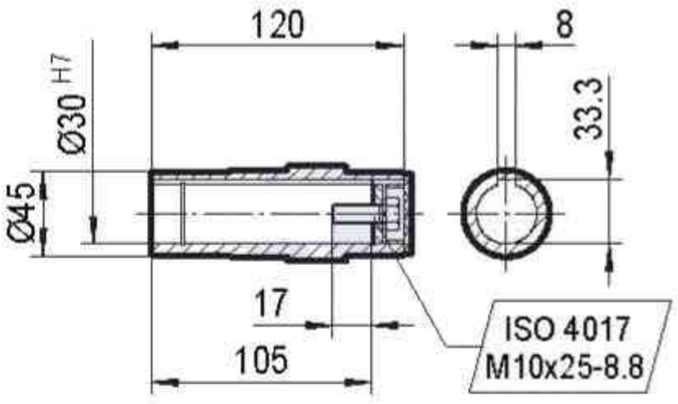


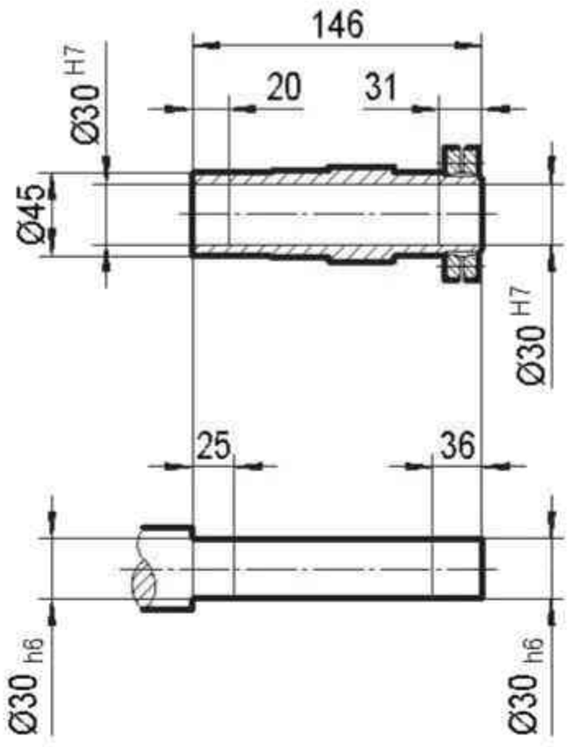
TFHZ38..

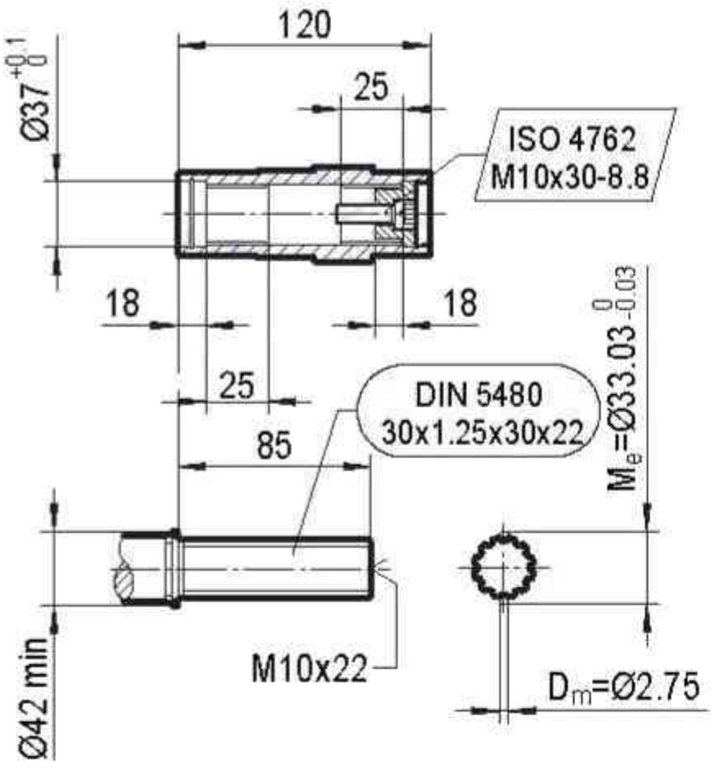


TFVZ38..



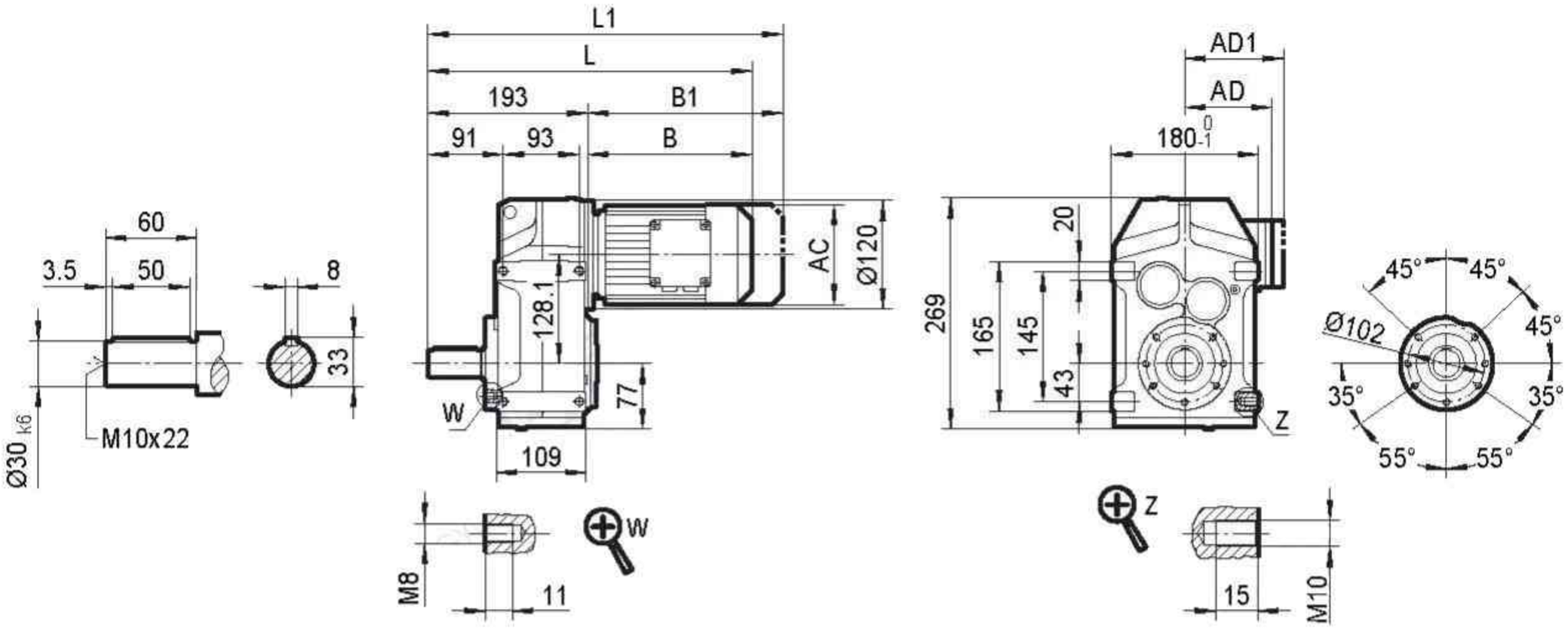




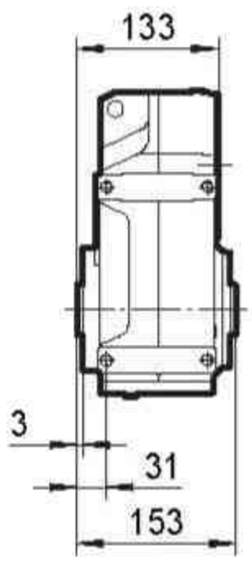


	MY63..	MY71D	MY80..	MY90..	MY100M	MY100L					
AC	132	145	145	197	197	197					
AD	105	122	122	154	166	166					
AD1	105	127	127	161	166	166					
B	191	206	256	276	328	358					
B1	246	269	319	361	413	443					
L	313	328	378	398	450	480					
L1	368	391	441	483	535	565					

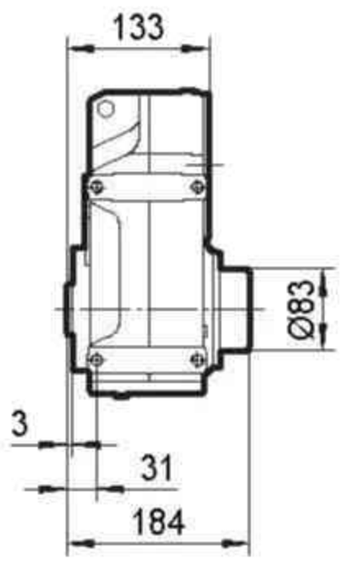
TF48..



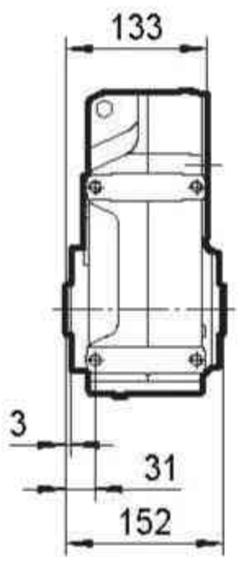
TFA48B..

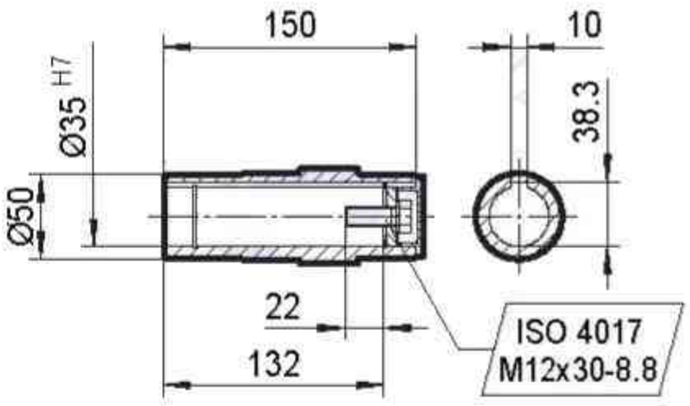


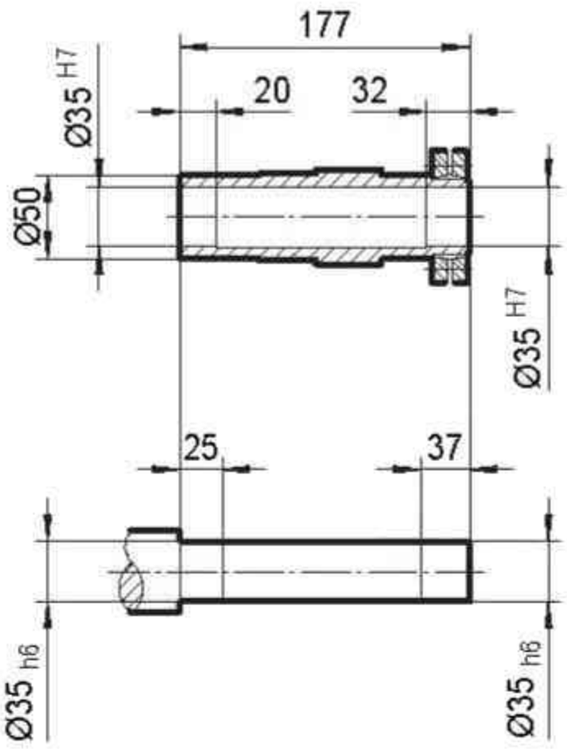
TFH48B..

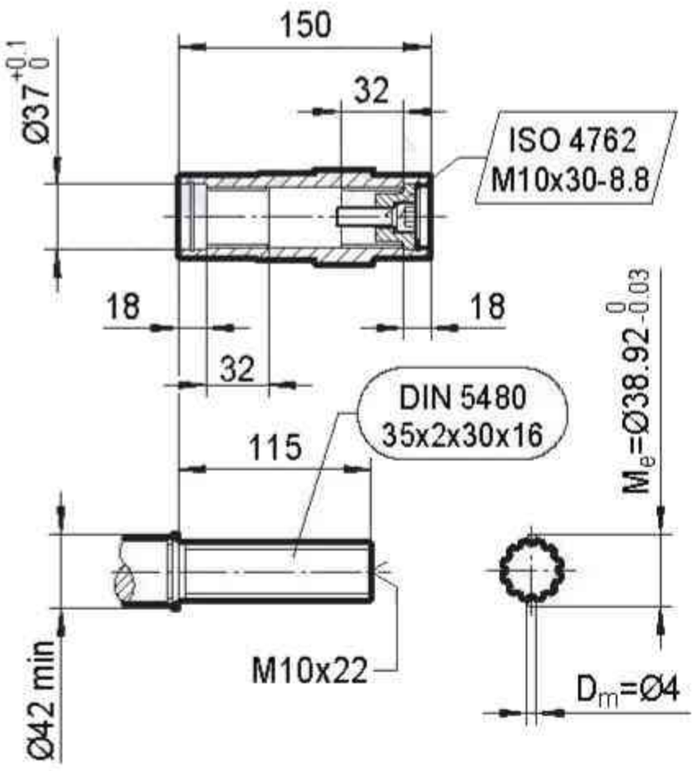


TFV48B..



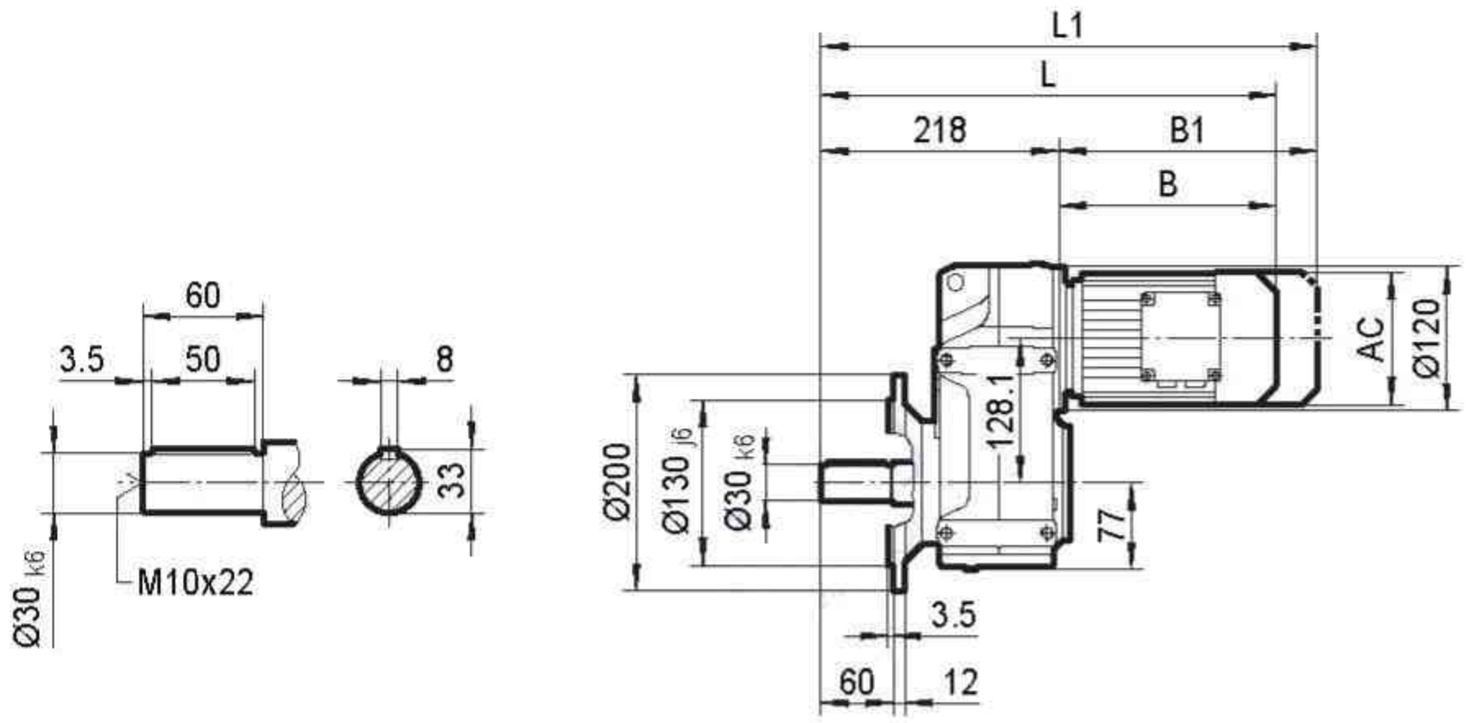




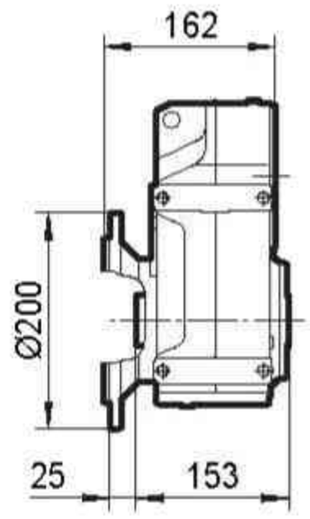


	MY63..	MY71D	MY80..	MY90..	MY100M	MY100L					
AC	132	145	145	197	197	197					
AD	105	122	122	154	166	166					
AD1	105	127	127	161	166	166					
B	191	206	256	276	328	358					
B1	246	269	319	361	413	443					
L	384	399	449	469	521	551					
L1	439	462	512	554	606	636					

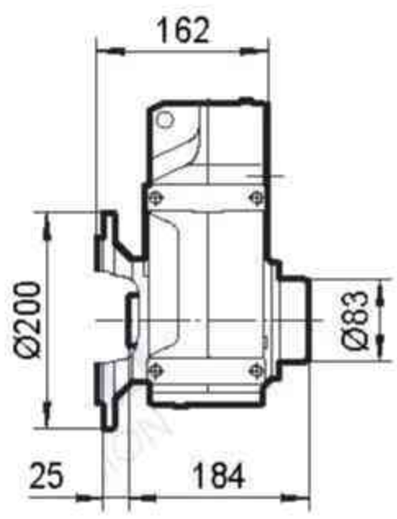
TFF48..



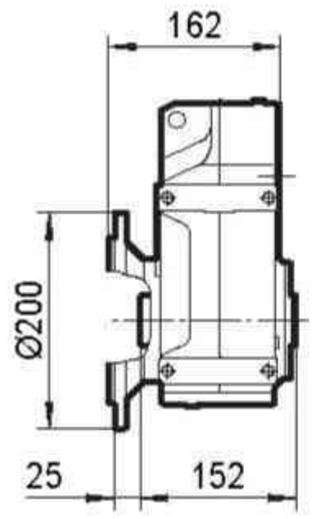
TFAF48..

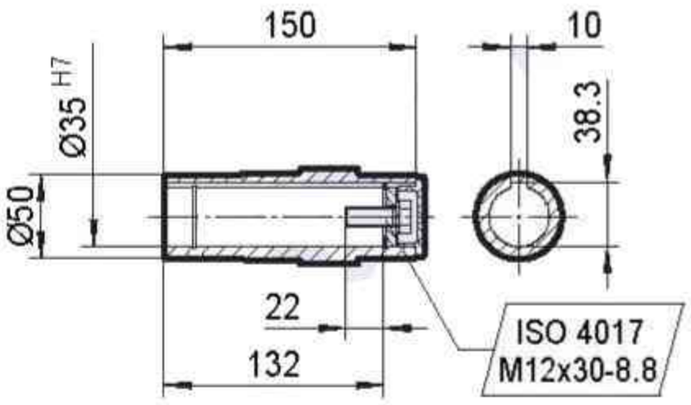


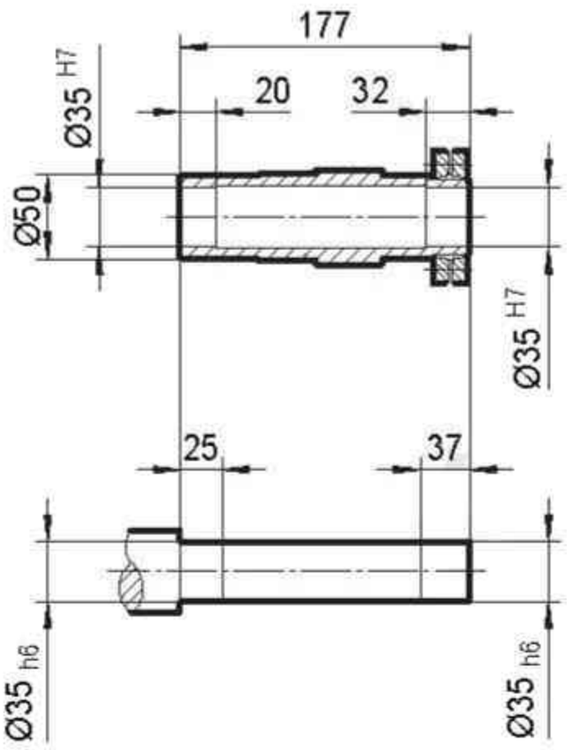
TFHF48..

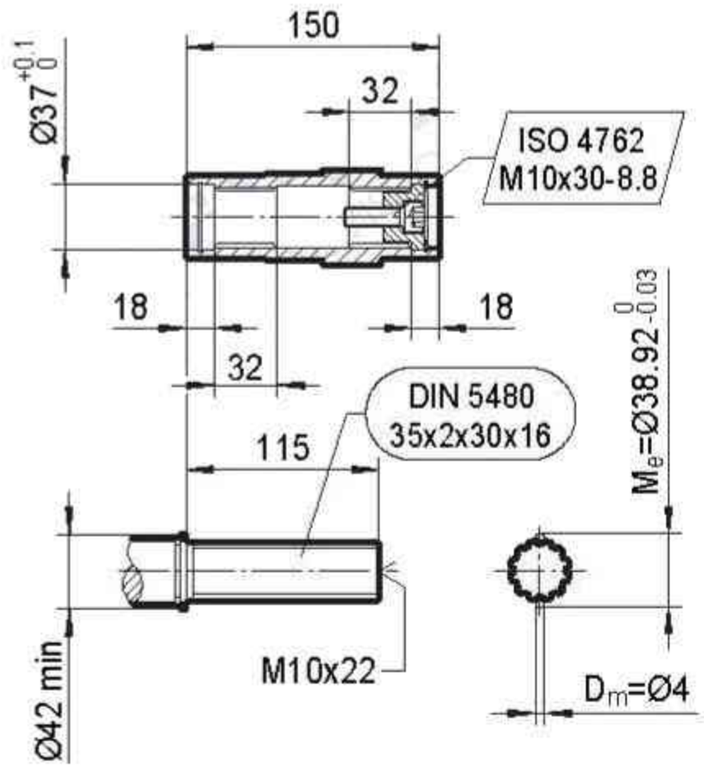


TFVF48..



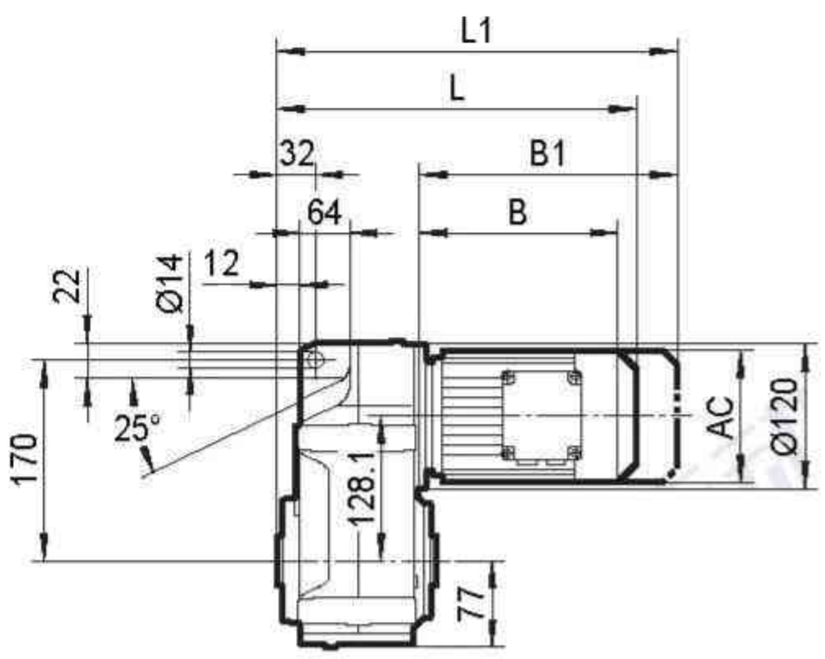


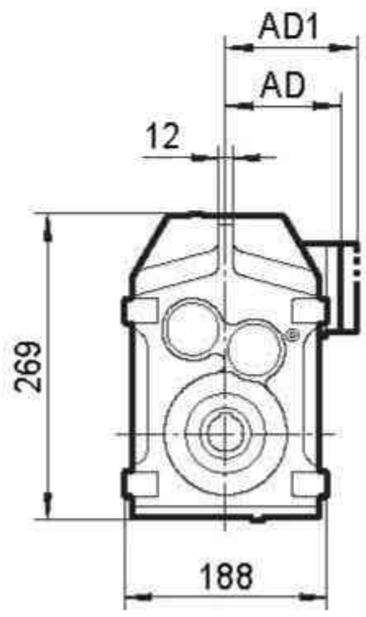




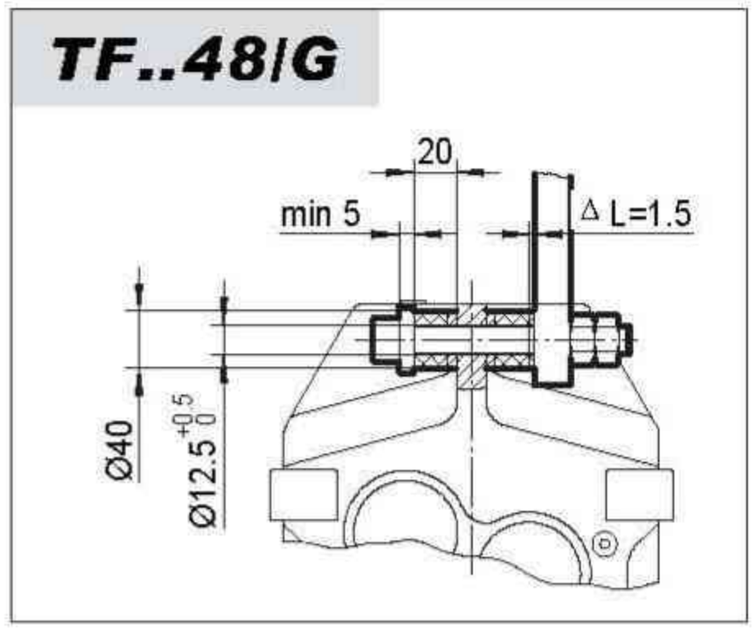
	MY63..	MY71D	MY80..	MY90..	MY100M	MY100L					
AC	132	145	145	197	197	197					
AD	105	122	122	154	166	166					
AD1	105	127	127	161	166	166					
B	191	206	256	276	328	358					
B1	246	269	319	361	413	443					
L	409	424	474	494	546	576					
L1	464	487	537	579	631	661					

TFA48..

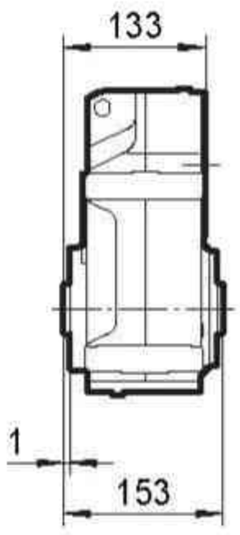


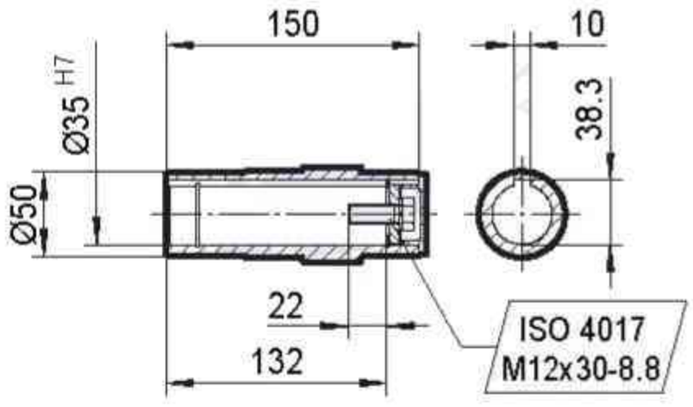


TF..48/G

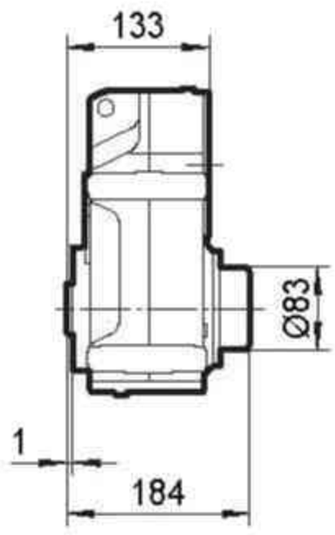


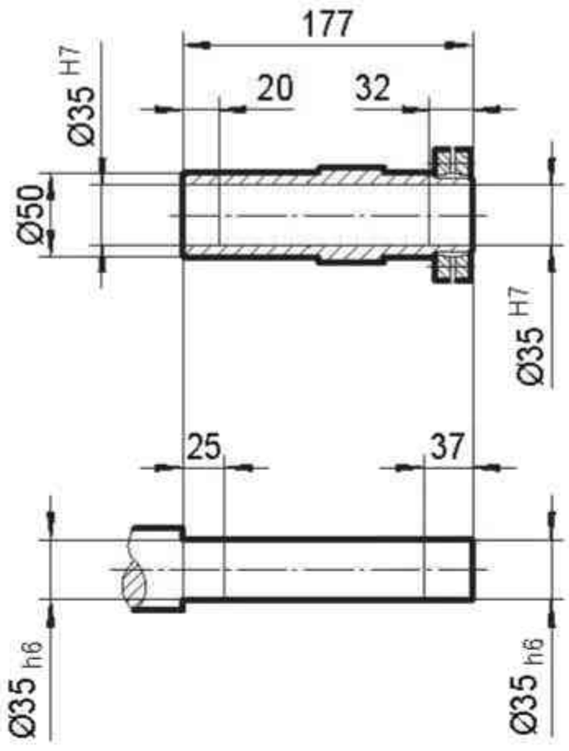
TFA48..



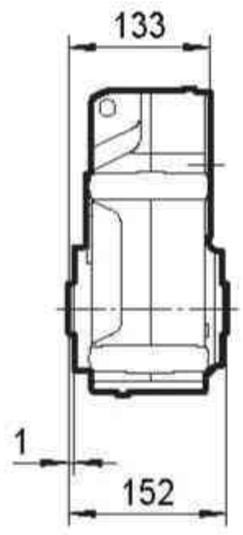


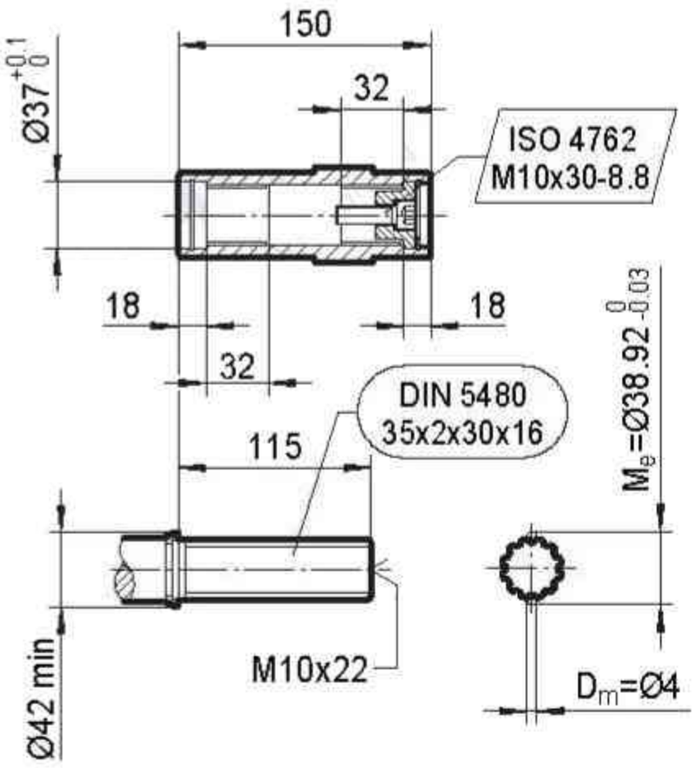
TFH48..





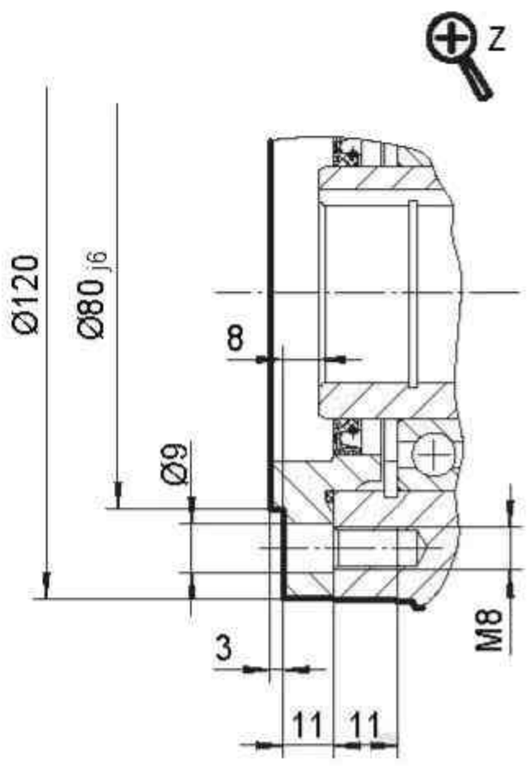
TFV48..

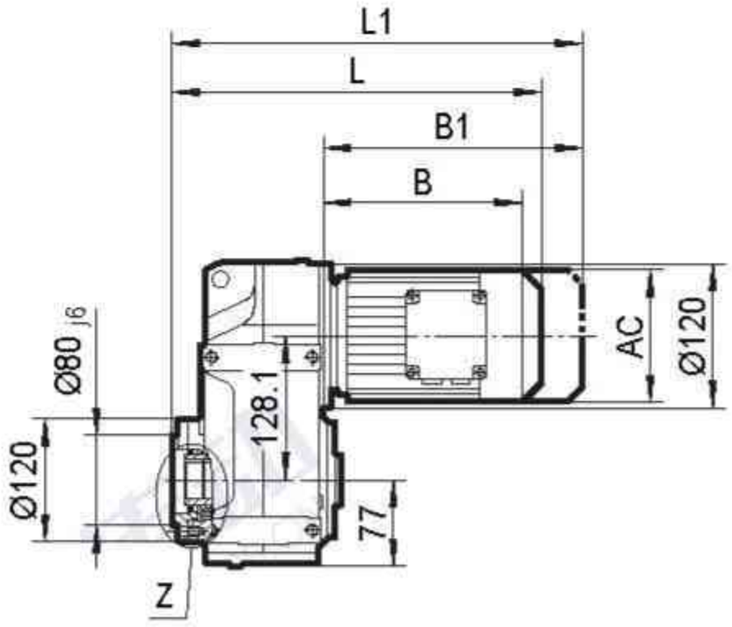


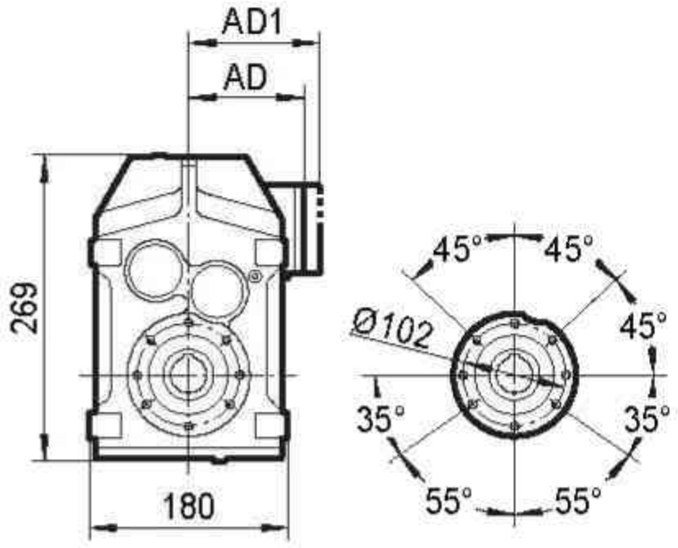


	MY63..	MY71D	MY80..	MY90..	MY100M	MY100L					
AC	132	145	145	197	197	197					
AD	105	122	122	154	166	166					
AD1	105	127	127	161	166	166					
B	191	206	256	276	328	358					
B1	246	269	319	361	413	443					
L	324	339	389	409	461	491					
L1	379	402	452	494	546	576					

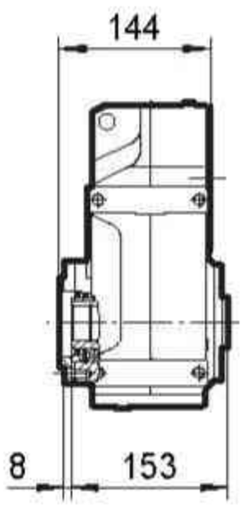
TFAZ48..



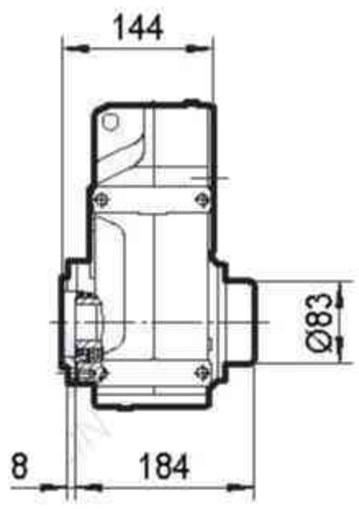




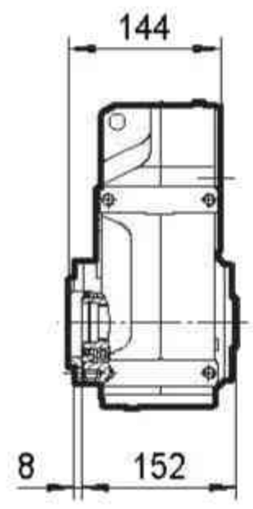
TFAZ48..

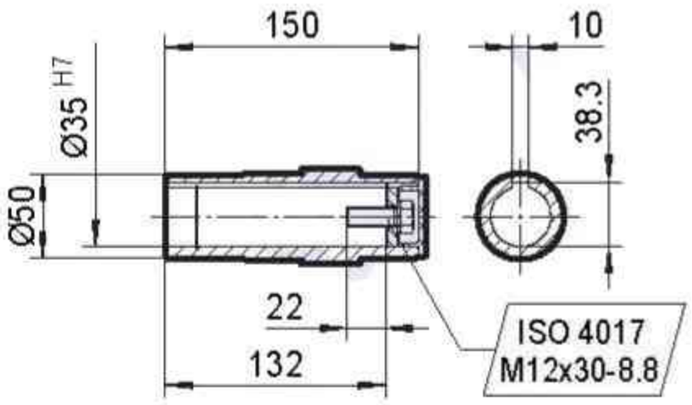


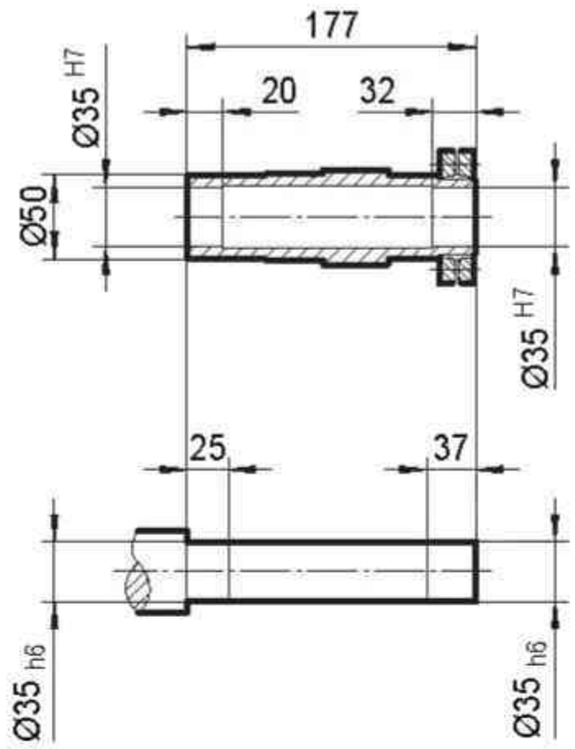
TFHZ48..

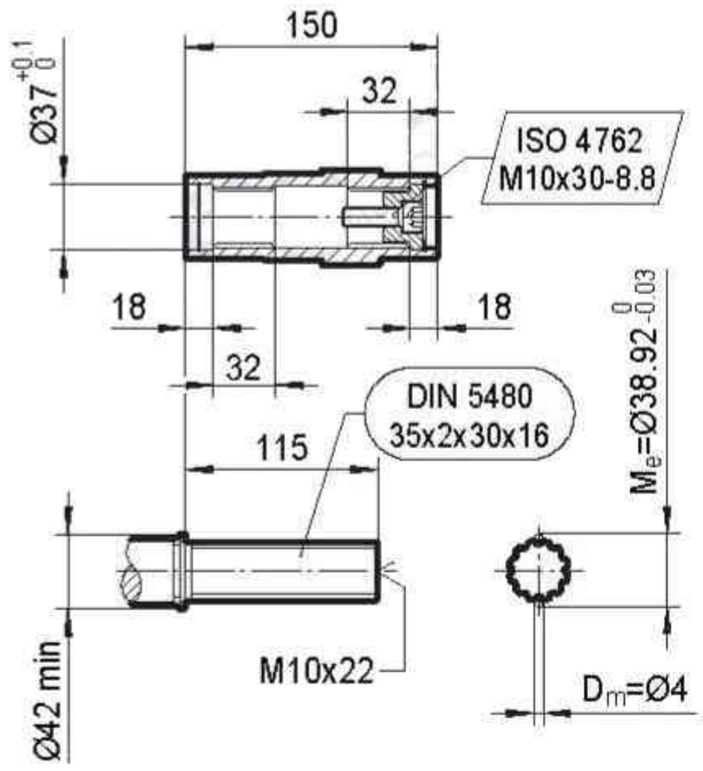


TFVZ48..



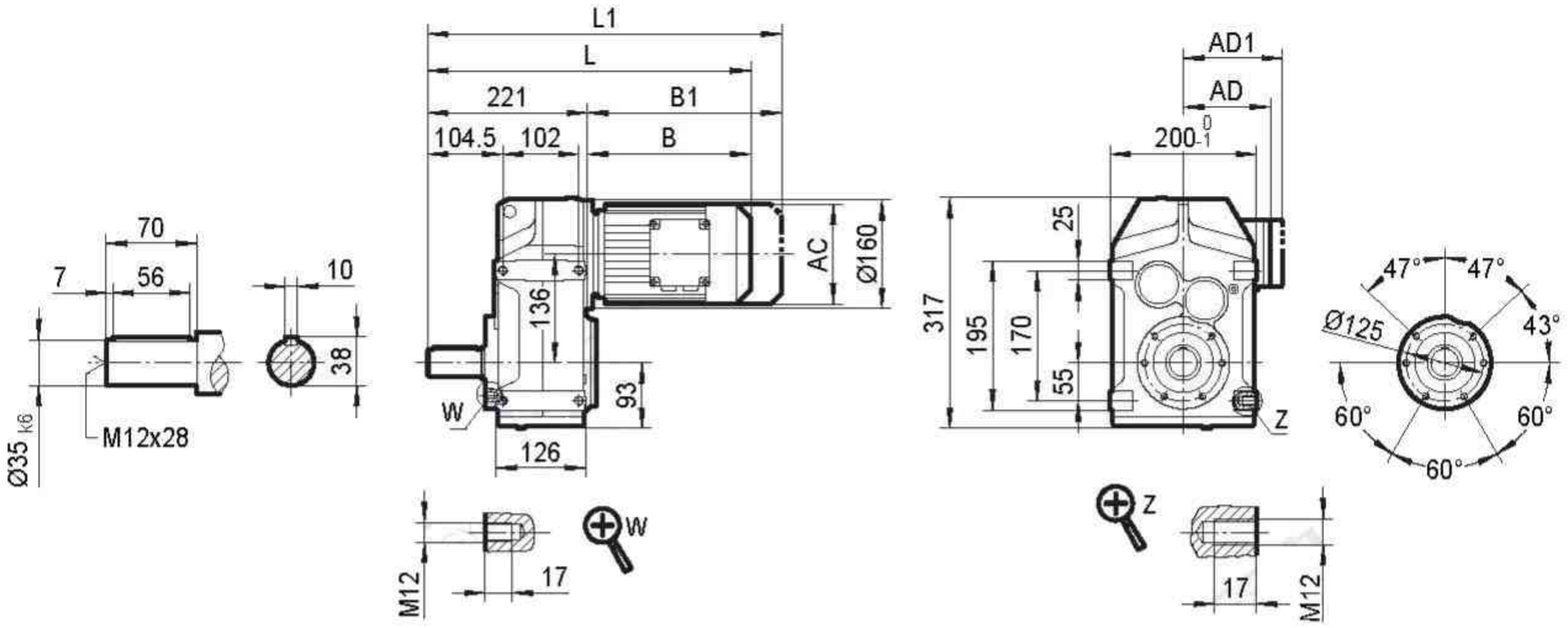




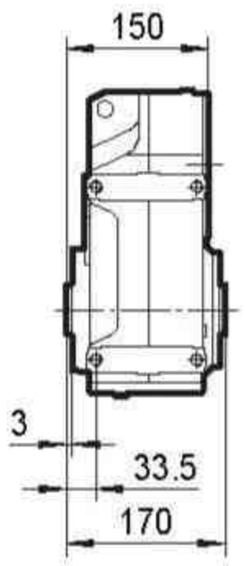


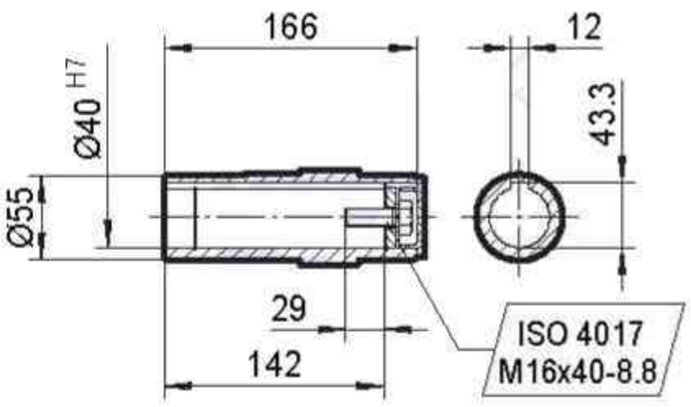
	MY63..	MY71D	MY80..	MY90..	MY100M	MY100L					
AC	132	145	145	197	197	197					
AD	105	122	122	154	166	166					
AD1	105	127	127	161	166	166					
B	191	206	256	276	328	358					
B1	246	269	319	361	413	443					
L	335	350	400	420	472	502					
L1	390	413	463	505	557	587					

TF58..

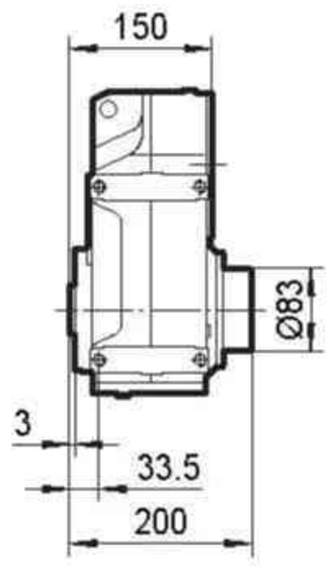


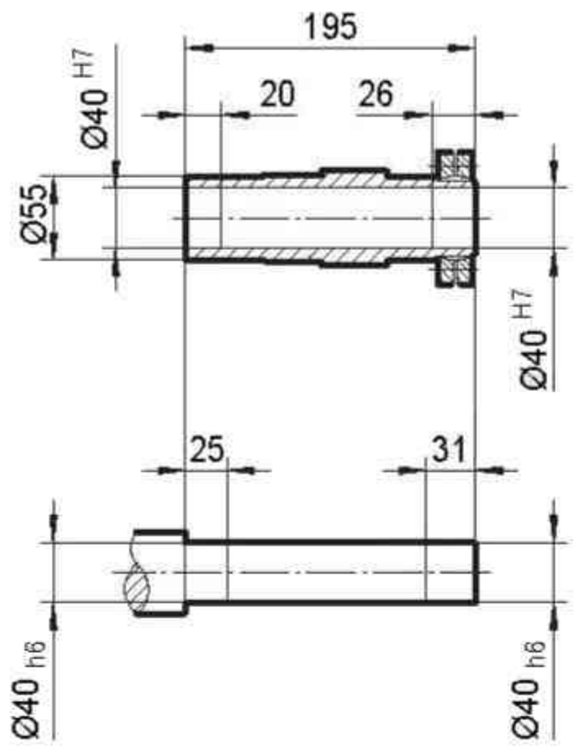
TFA58B..



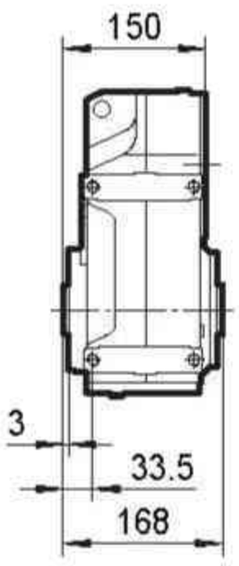


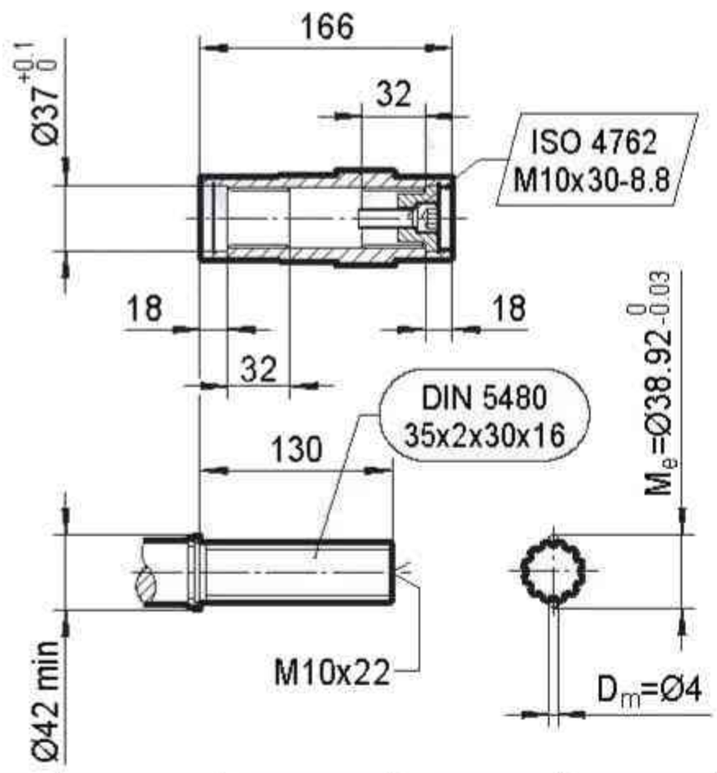
TFH58B..





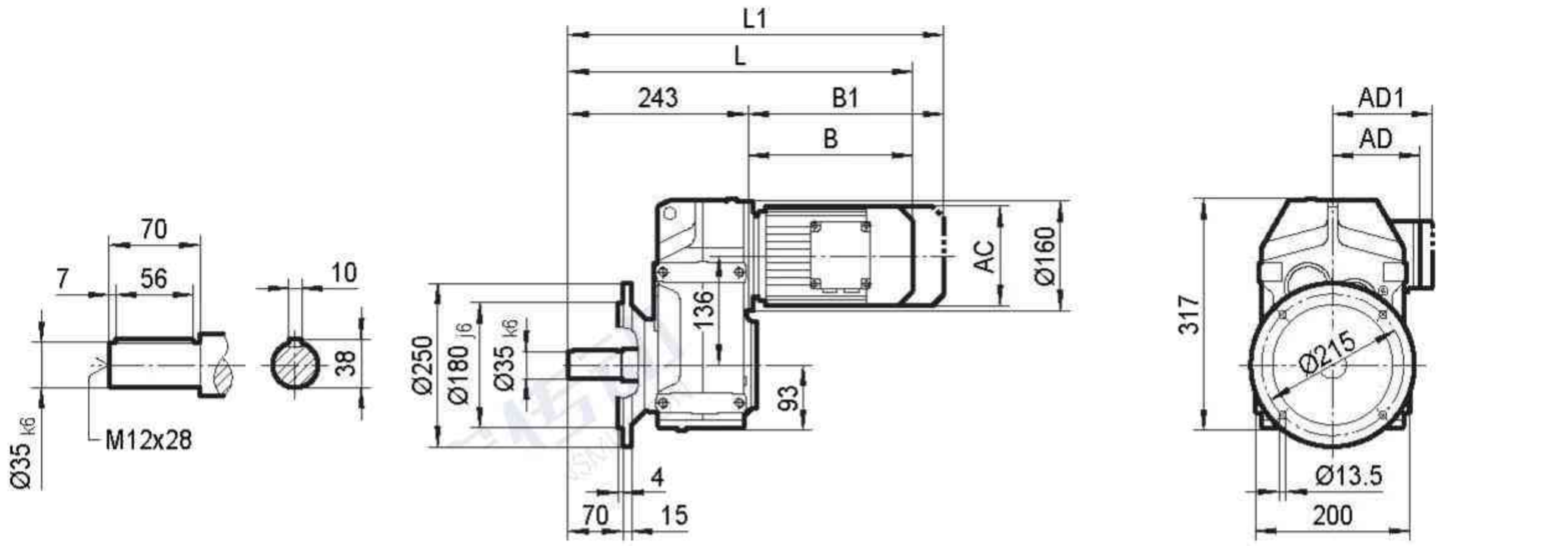
TFV58B..



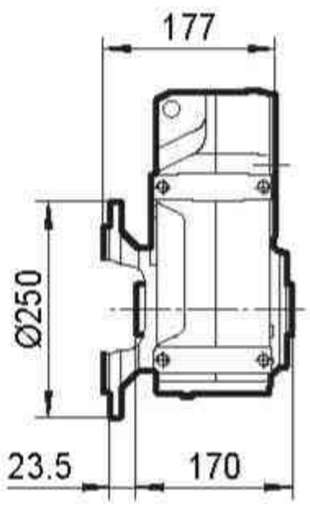


	MY63..	MY71D	MY80..	MY90..	MY100M	MY100L	MY112M	MY132S			
AC	132	145	145	197	197	197	221	221			
AD	105	122	122	154	166	166	179	179			
AD1	105	127	127	161	166	166	182	182			
B	185	199	249	269	319	349	354	402			
B1	240	263	313	354	404	434	434	482			
L	406	420	470	490	540	570	575	623			
L1	461	484	534	575	625	655	655	703			

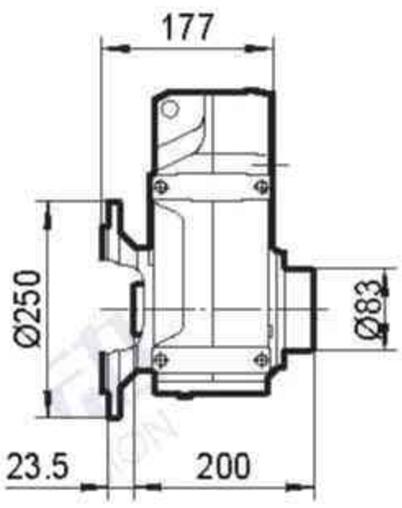
TFF58..



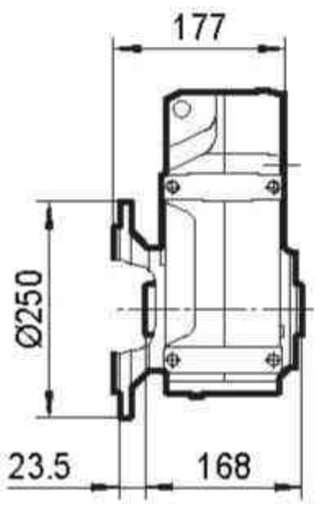
TFAF58..

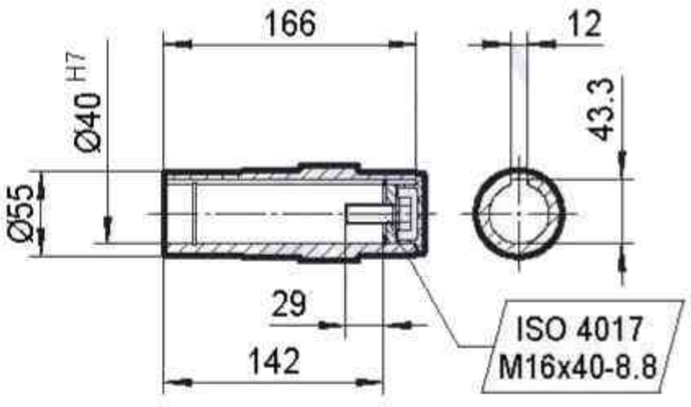


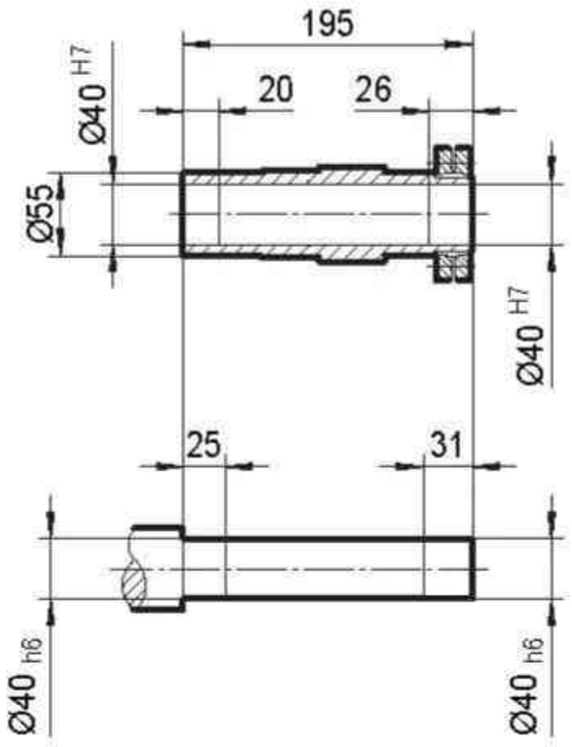
TFHF58..

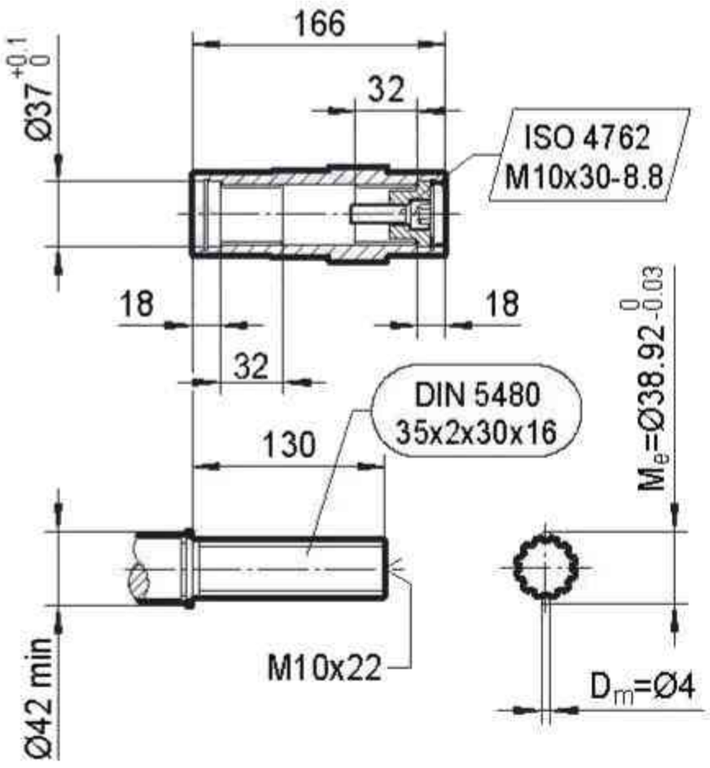


TFVF58..



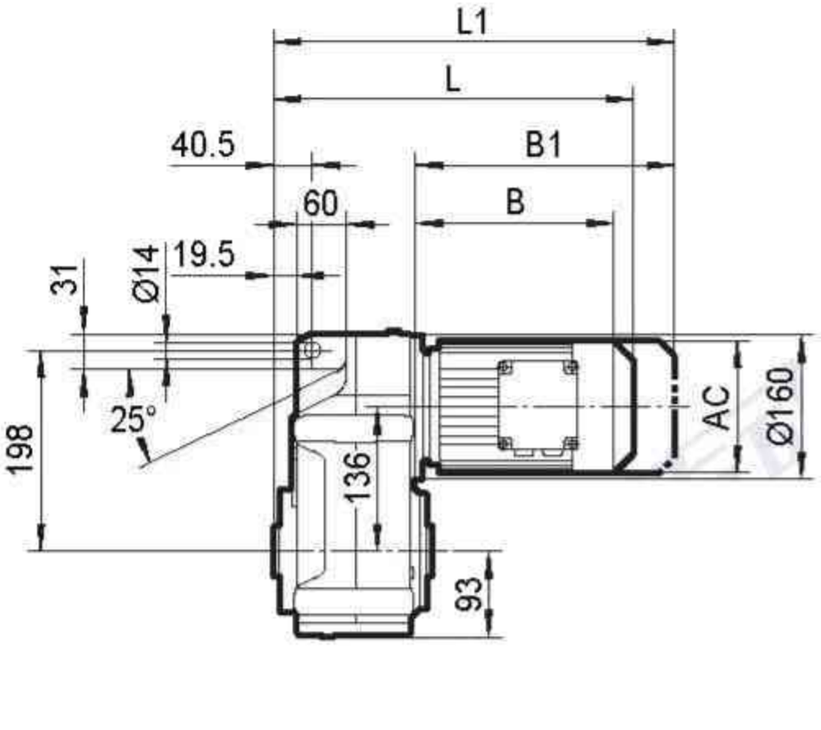


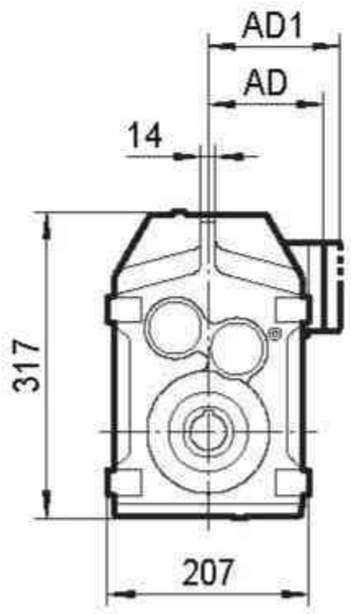




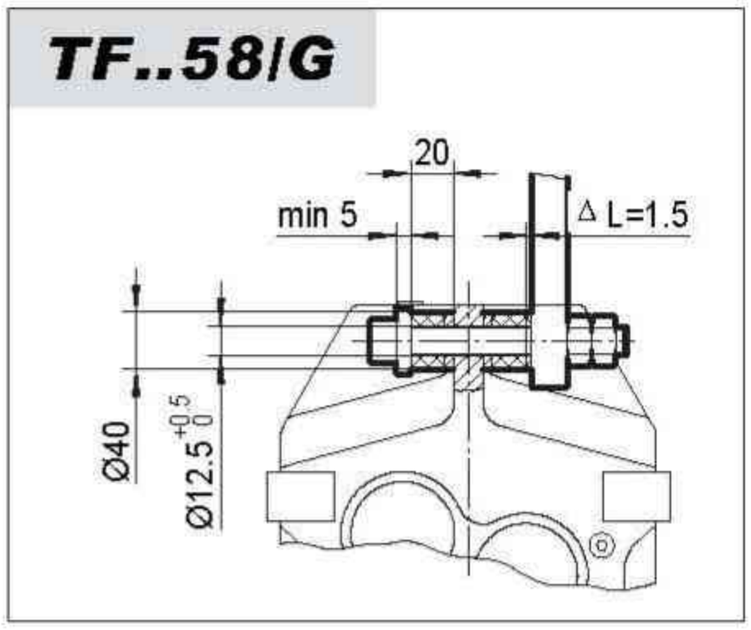
	MY63..	MY71D	MY80..	MY90..	MY100M	MY100L	MY112M	MY132S			
AC	132	145	145	197	197	197	221	221			
AD	105	122	122	154	166	166	179	179			
AD1	105	127	127	161	166	166	182	182			
B	185	199	249	269	319	349	354	402			
B1	240	263	313	354	404	434	434	482			
L	428	442	492	512	562	592	597	645			
L1	483	506	556	597	647	677	677	725			

TFA58..

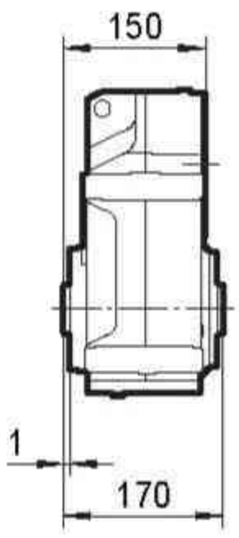


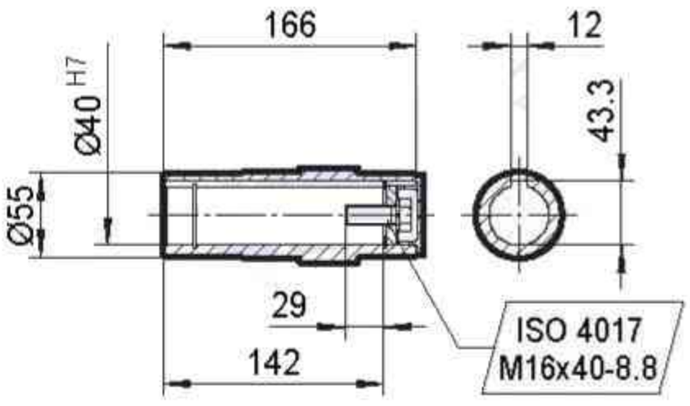


TF..58/G

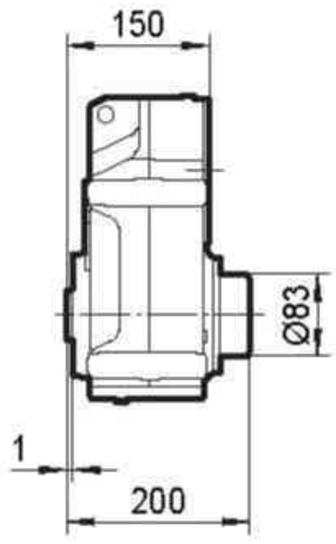


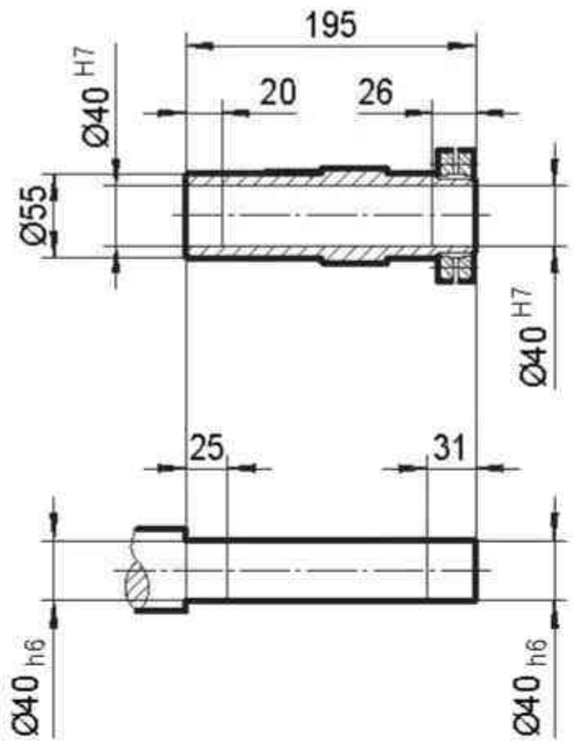
TFA58..



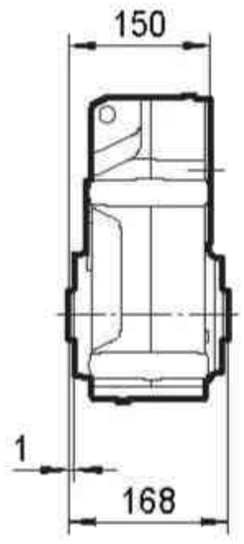


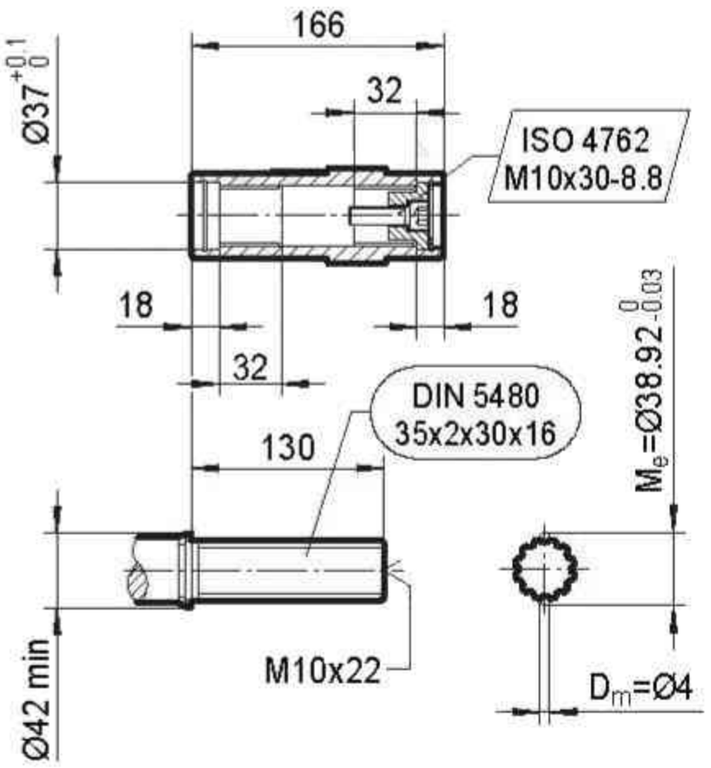
TFH58..





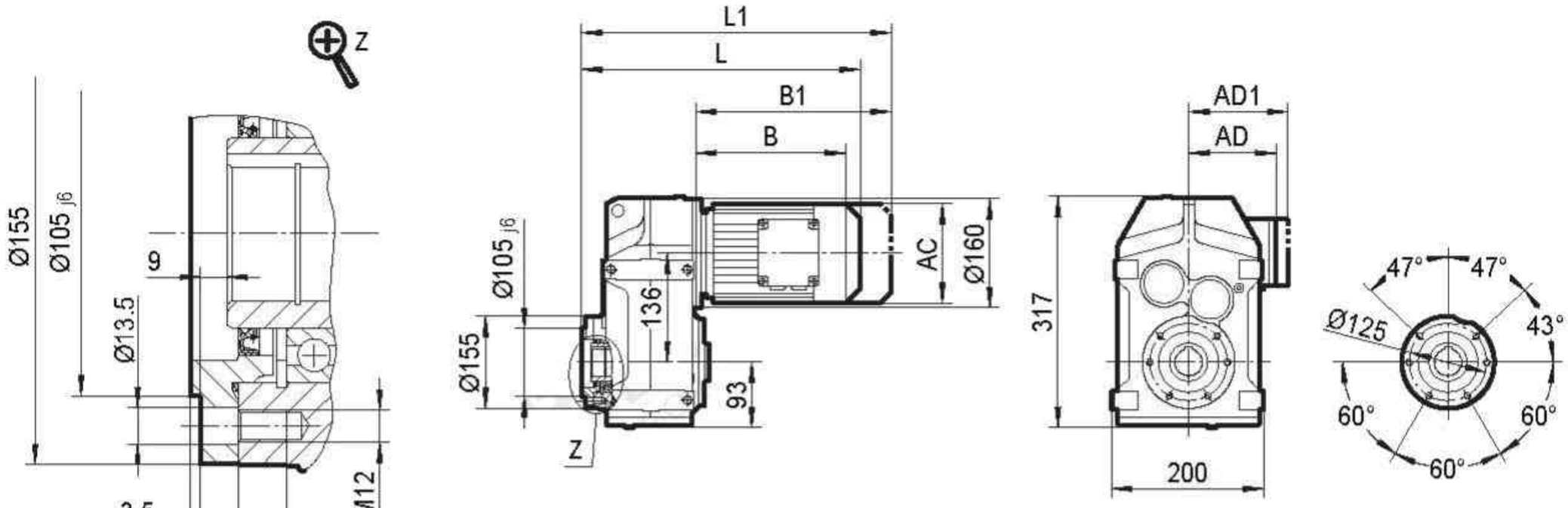
TFV58..



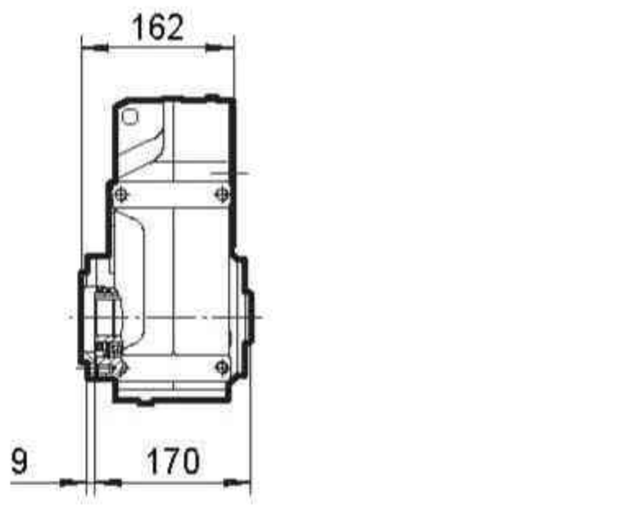


	MY63..	MY71D	MY80..	MY90..	MY100M	MY100L	MY112M	MY132S			
AC	132	145	145	197	197	197	221	221			
AD	105	122	122	154	166	166	179	179			
AD1	105	127	127	161	166	166	182	182			
B	185	199	249	269	319	349	354	402			
B1	240	263	313	354	404	434	434	482			
L	335	349	399	419	469	499	504	552			
L1	390	413	463	504	554	584	584	632			

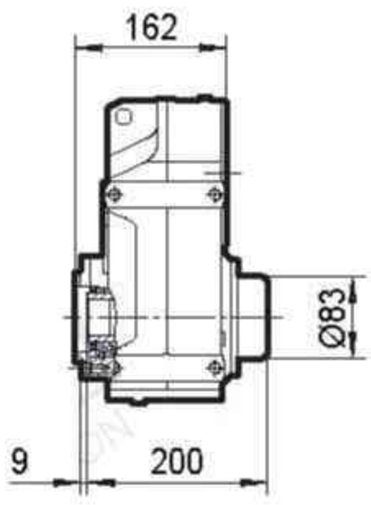
TFAZ58..



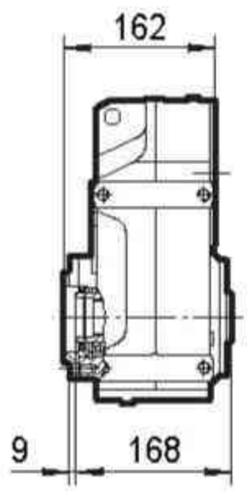
TFAZ58..

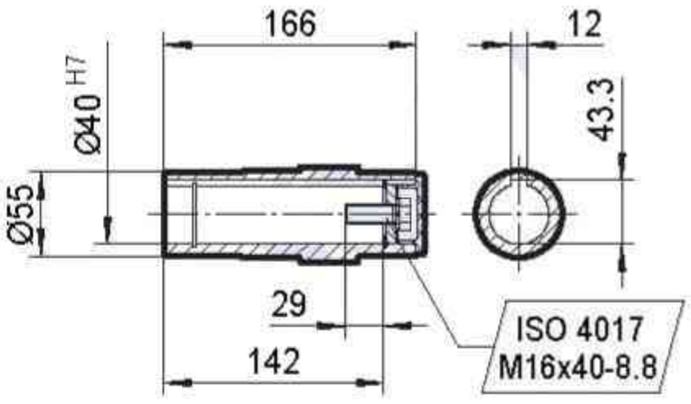


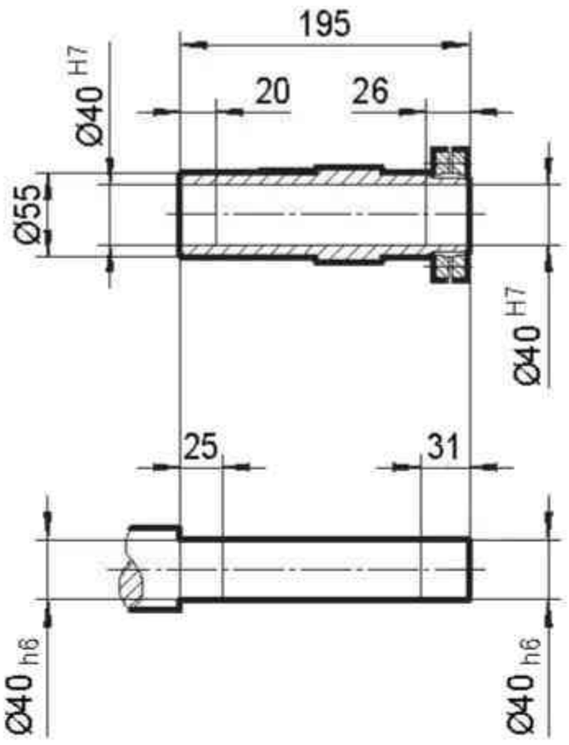
TFHZ58..

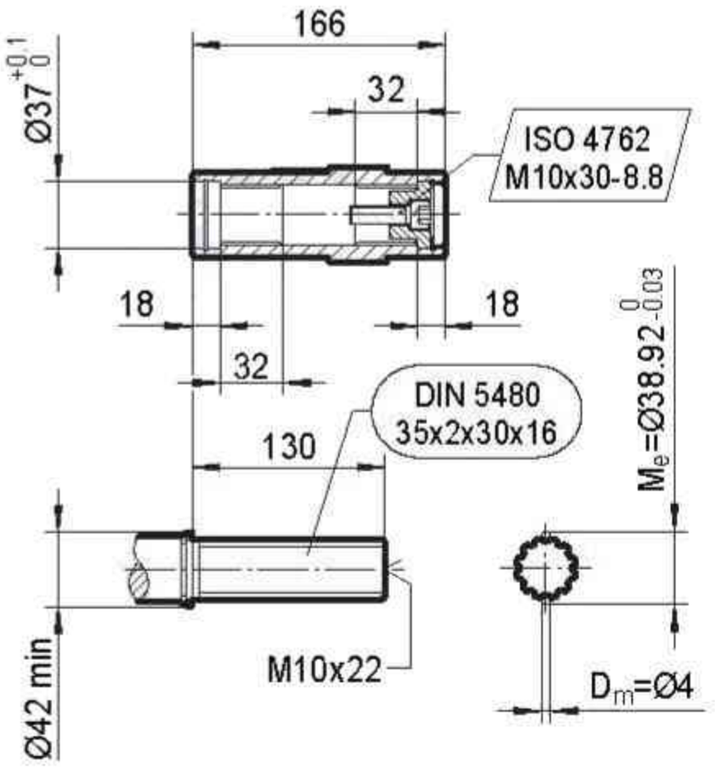


TFVZ58..



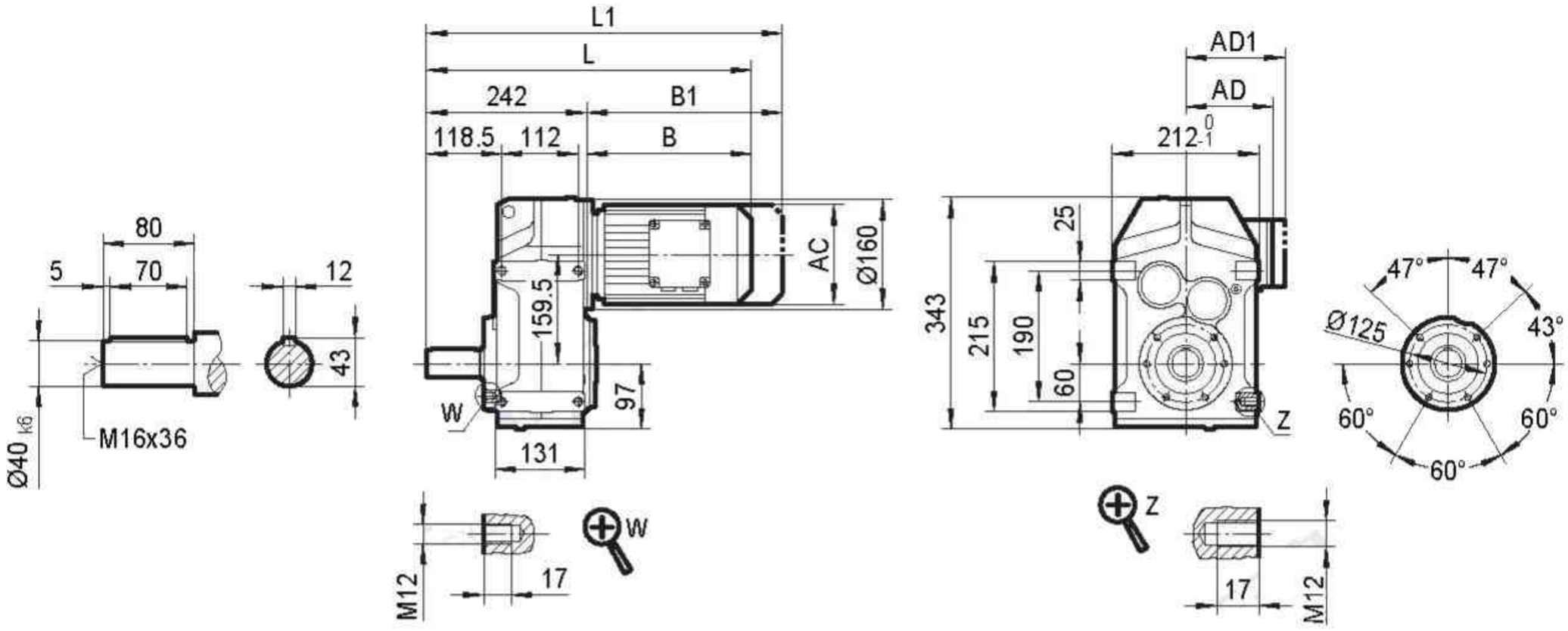




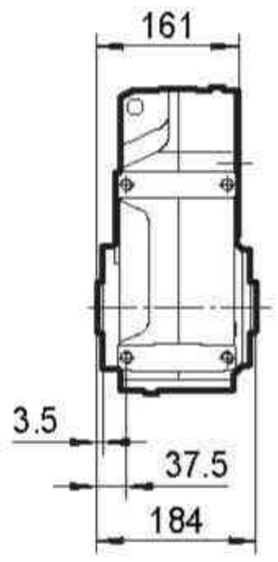


	MY63..	MY71D	MY80..	MY90..	MY100M	MY100L	MY112M	MY132S			
AC	132	145	145	197	197	197	221	221			
AD	105	122	122	154	166	166	179	179			
AD1	105	127	127	161	166	166	182	182			
B	185	199	249	269	319	349	354	402			
B1	240	263	313	354	404	434	434	482			
L	347	361	411	431	481	511	516	564			
L1	402	425	475	516	566	596	596	644			

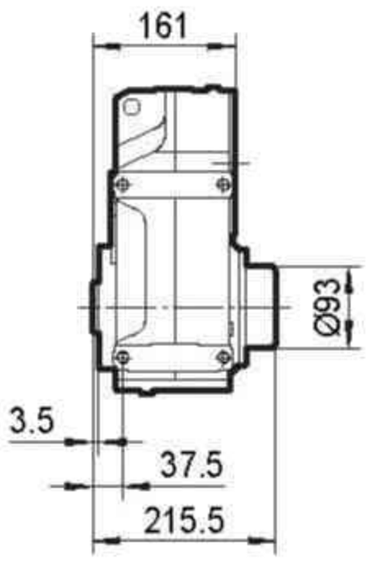
TF68..



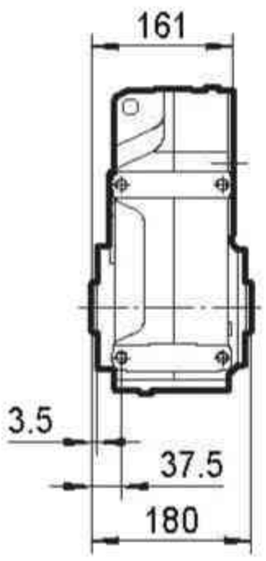
TFA68B..

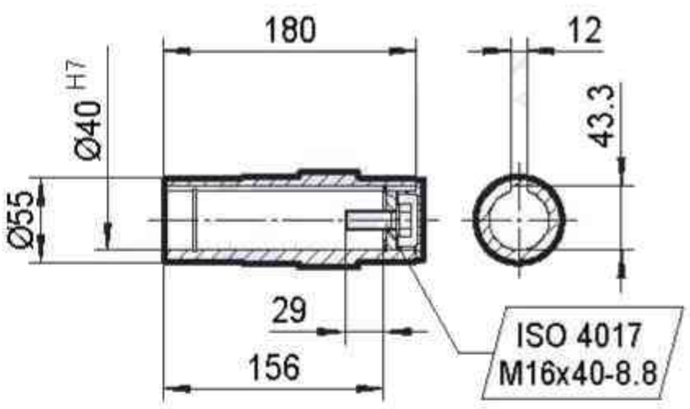


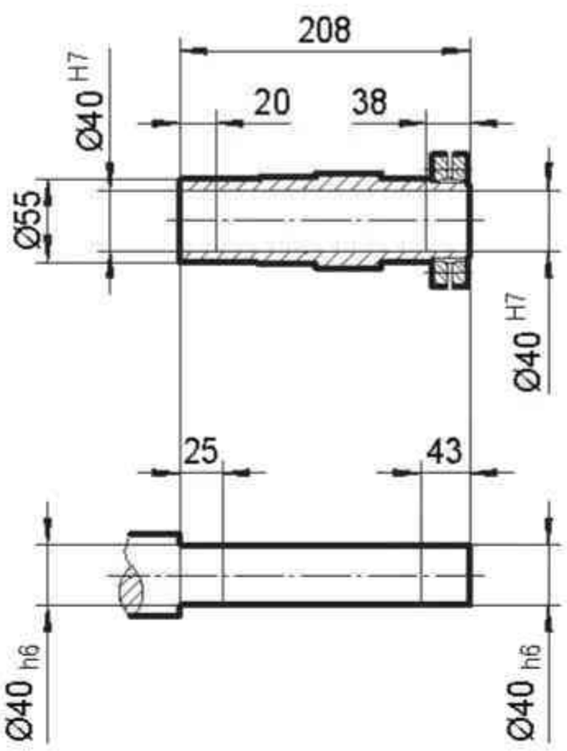
TFH68B..

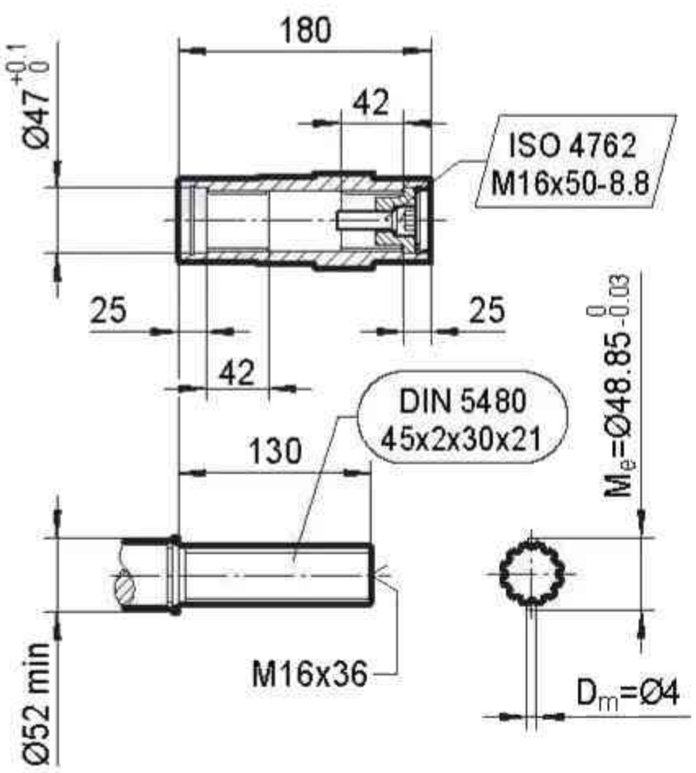


TFV68B..



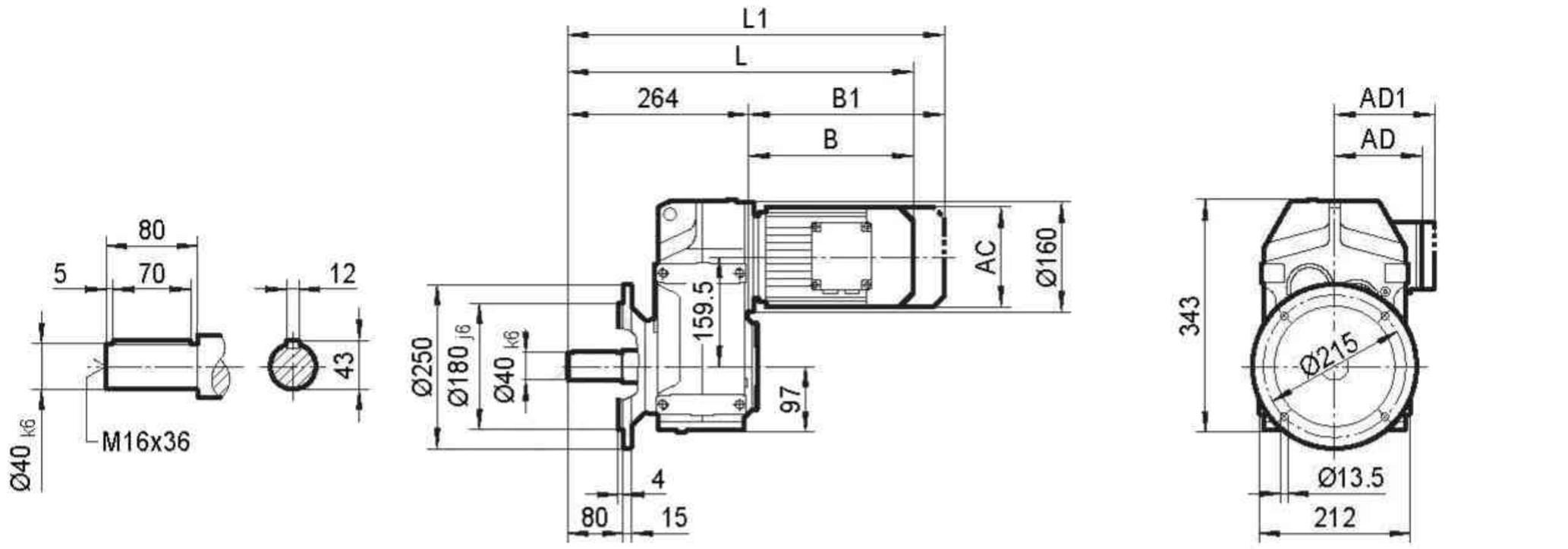




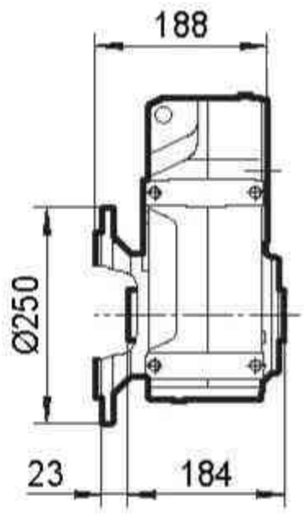


	MY63..	MY71D	MY80..	MY90..	MY100M	MY100L	MY112M	MY132S			
AC	132	145	145	197	197	197	221	221			
AD	105	122	122	154	166	166	179	179			
AD1	105	127	127	161	166	166	182	182			
B	185	199	249	269	319	349	354	402			
B1	240	263	313	354	404	434	434	482			
L	427	441	491	511	561	591	596	644			
L1	482	505	555	596	646	676	676	724			

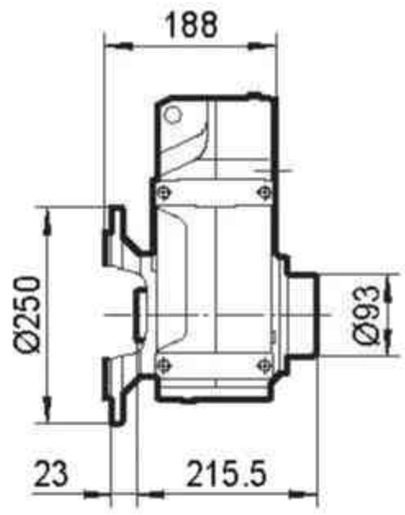
TFF68..



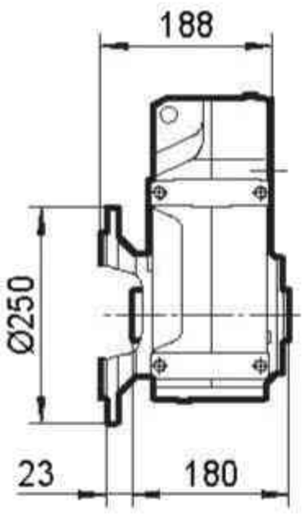
TFAF68..

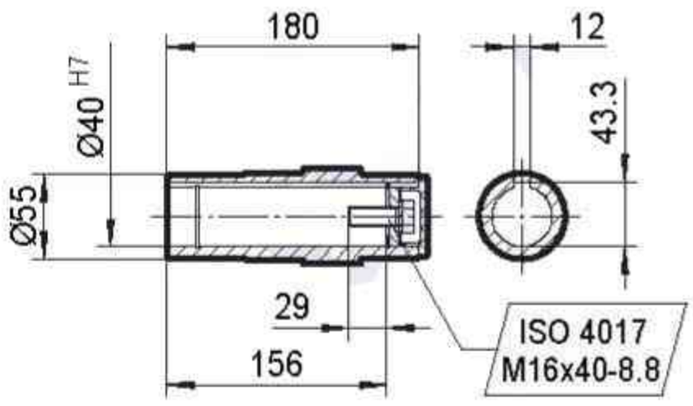


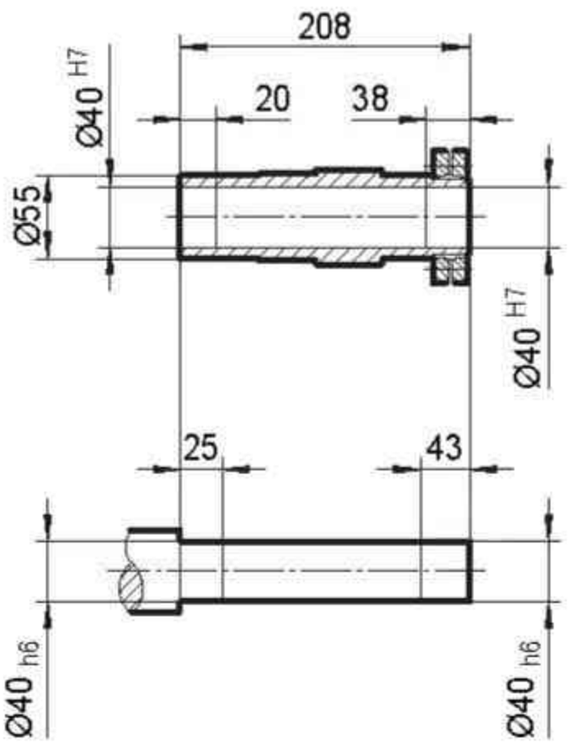
TFHF68..

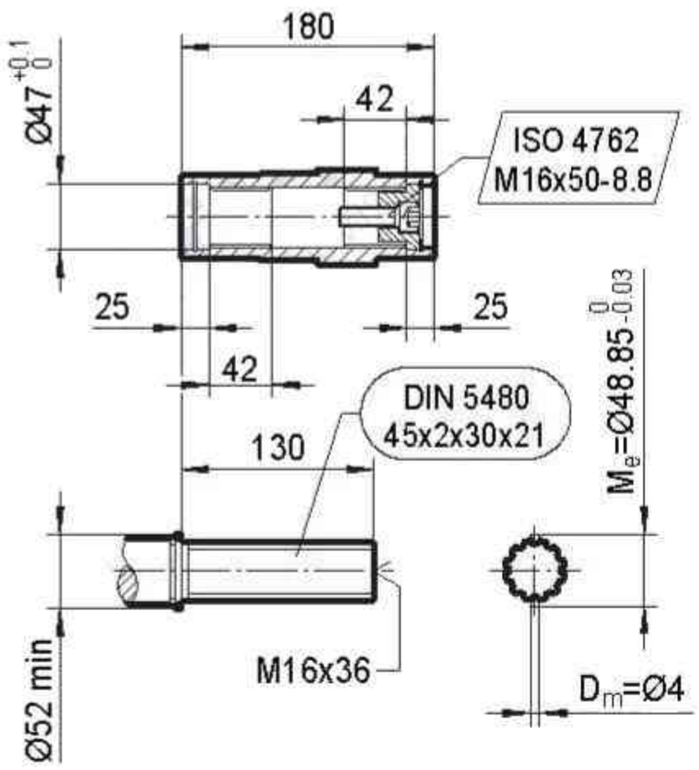


TFVF68..



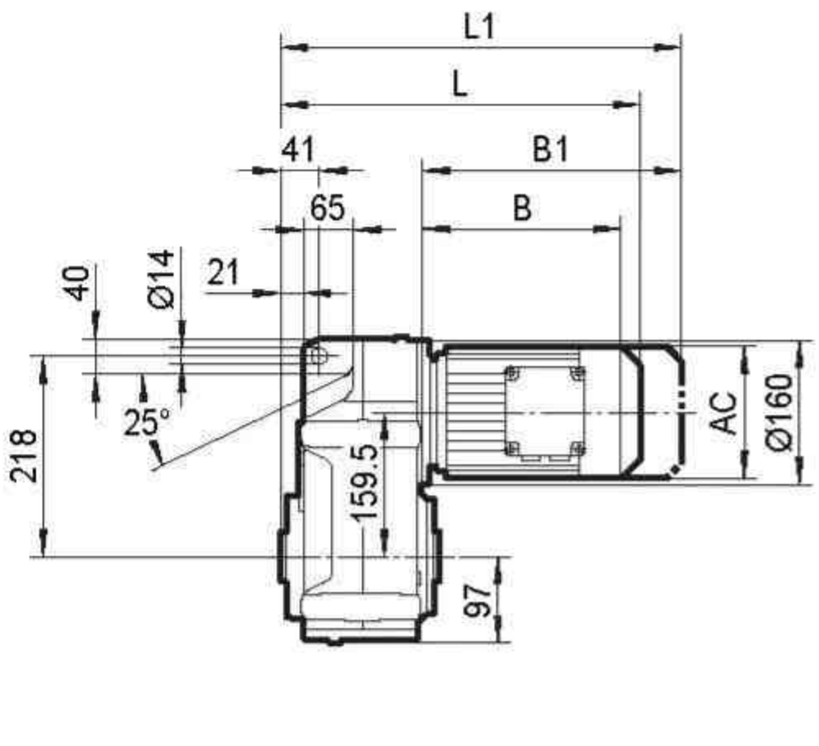


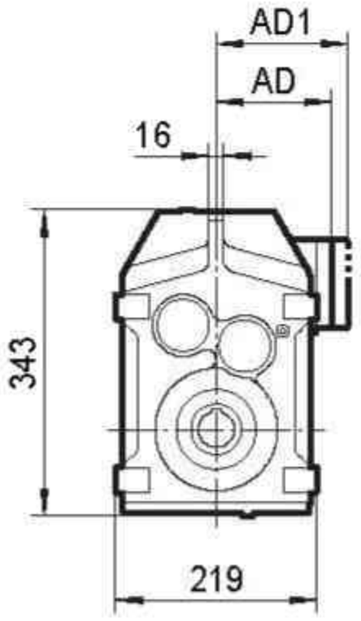




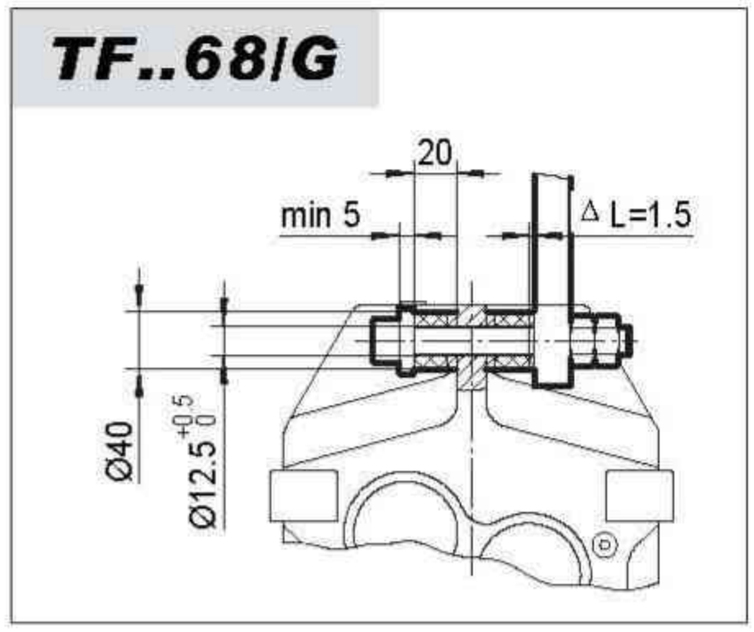
	MY63..	MY71D	MY80..	MY90..	MY100M	MY100L	MY112M	MY132S			
AC	132	145	145	197	197	197	221	221			
AD	105	122	122	154	166	166	179	179			
AD1	105	127	127	161	166	166	182	182			
B	185	199	249	269	319	349	354	402			
B1	240	263	313	354	404	434	434	482			
L	449	463	513	533	583	613	618	666			
L1	504	527	577	618	668	698	698	746			

TFA68..

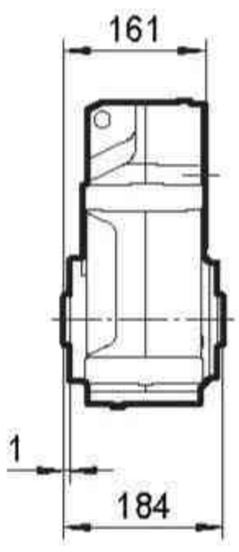


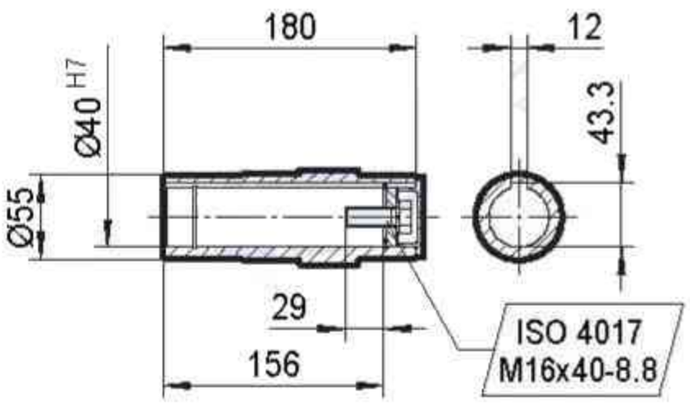


TF..68/G

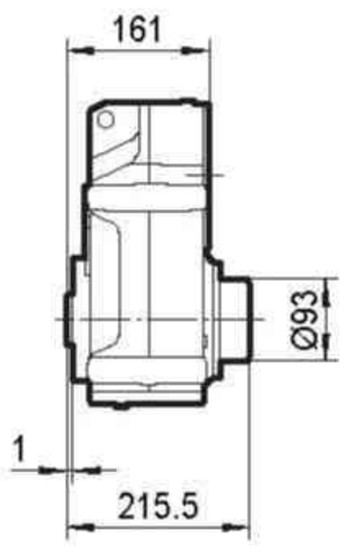


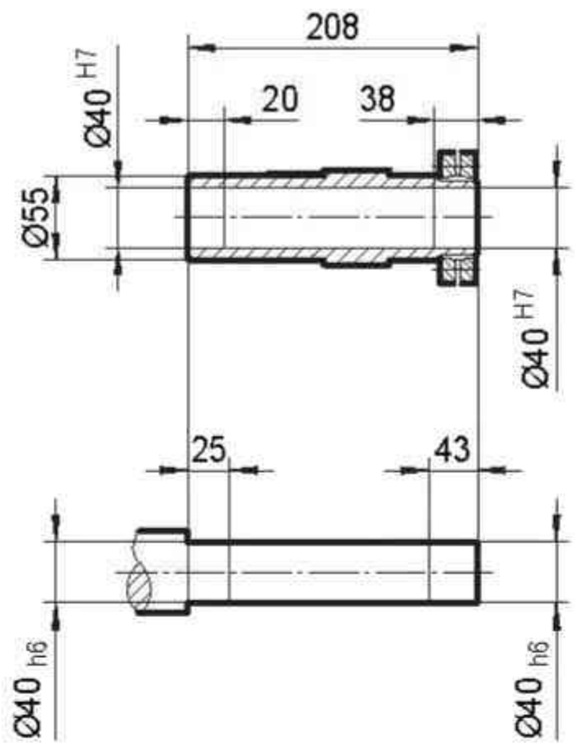
TFA68..



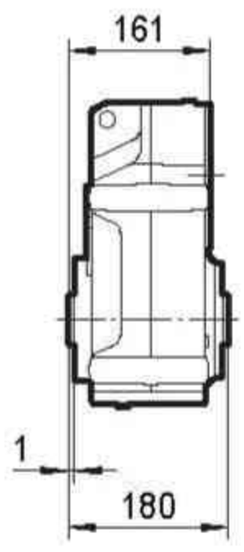


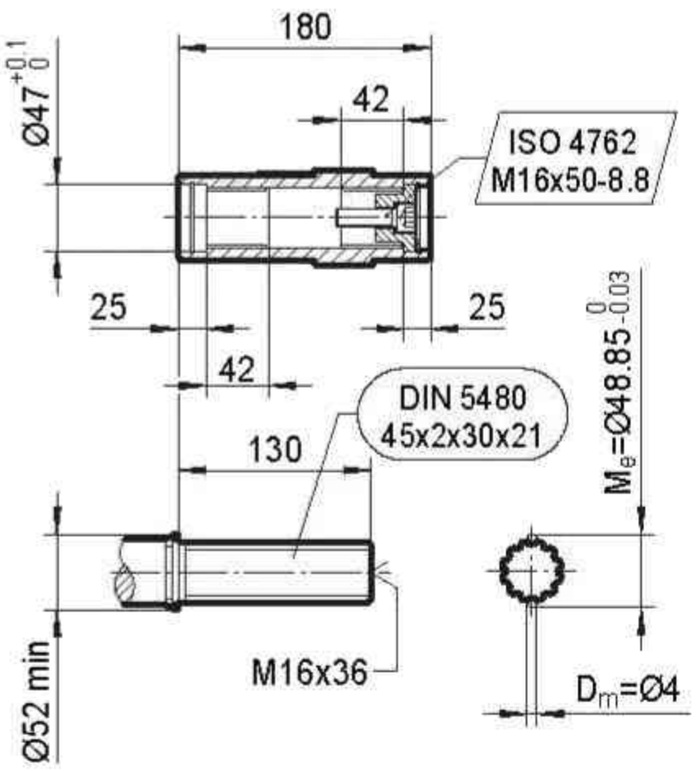
TFH68..





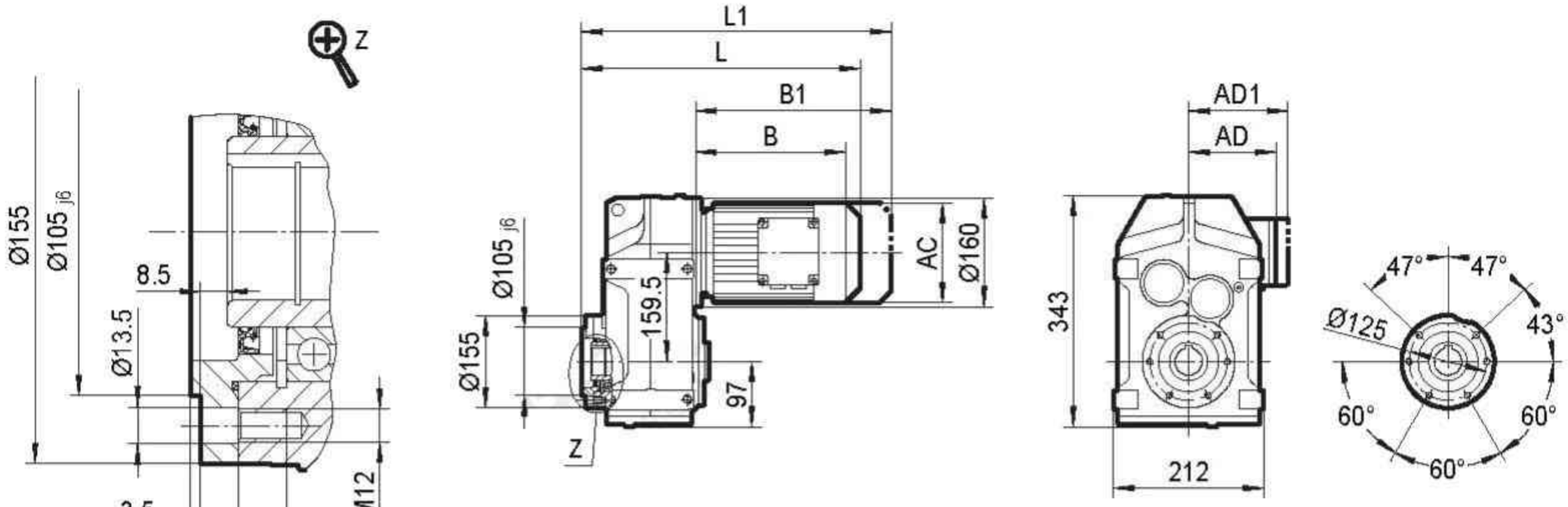
TFV68..



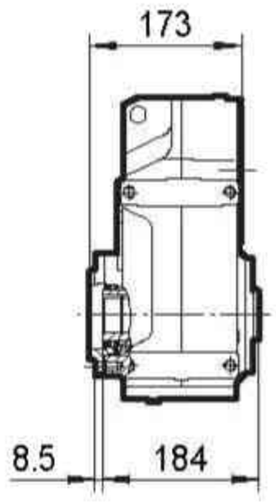


	MY63..	MY71D	MY80..	MY90..	MY100M	MY100L	MY112M	MY132S			
AC	132	145	145	197	197	197	221	221			
AD	105	122	122	154	166	166	179	179			
AD1	105	127	127	161	166	166	182	182			
B	185	199	249	269	319	349	354	402			
B1	240	263	313	354	404	434	434	482			
L	346	360	410	430	480	510	515	563			
L1	401	424	474	515	565	595	595	643			

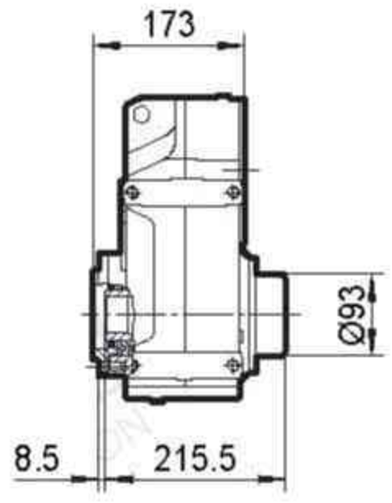
TFAZ68..



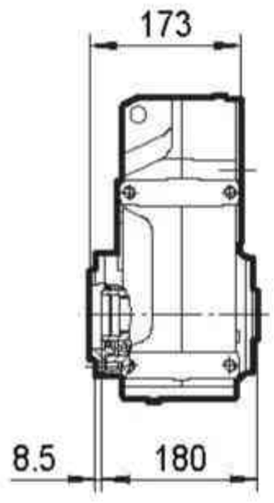
TFAZ68..

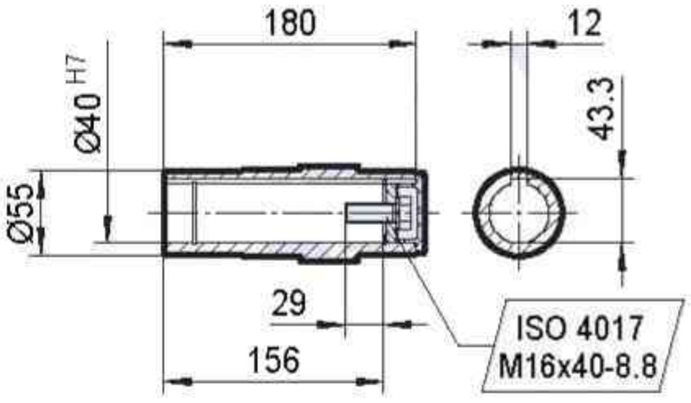


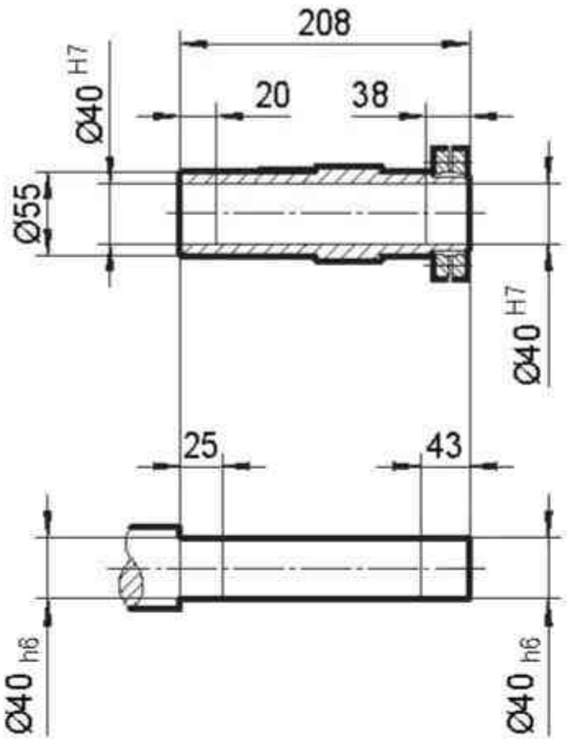
TFHZ68..

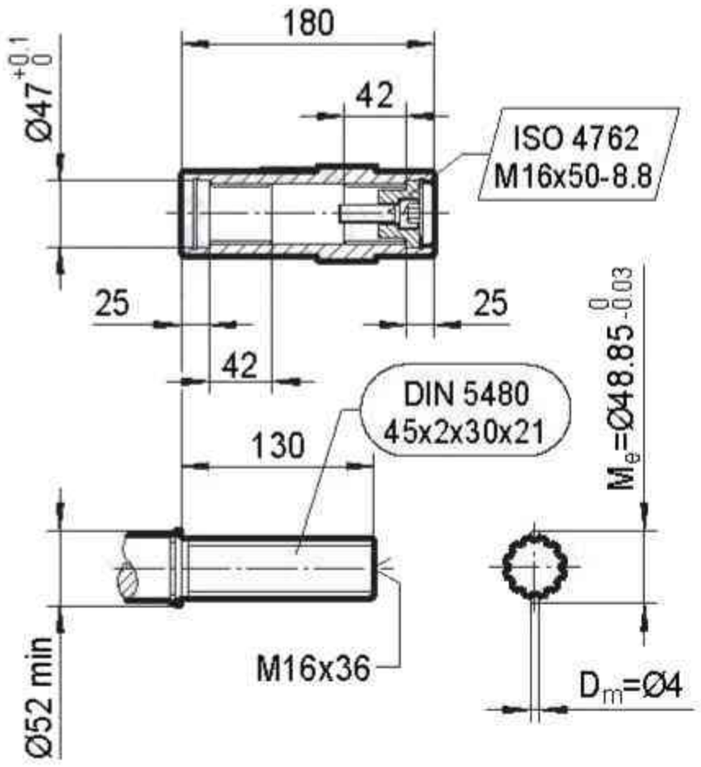


TFVZ68..



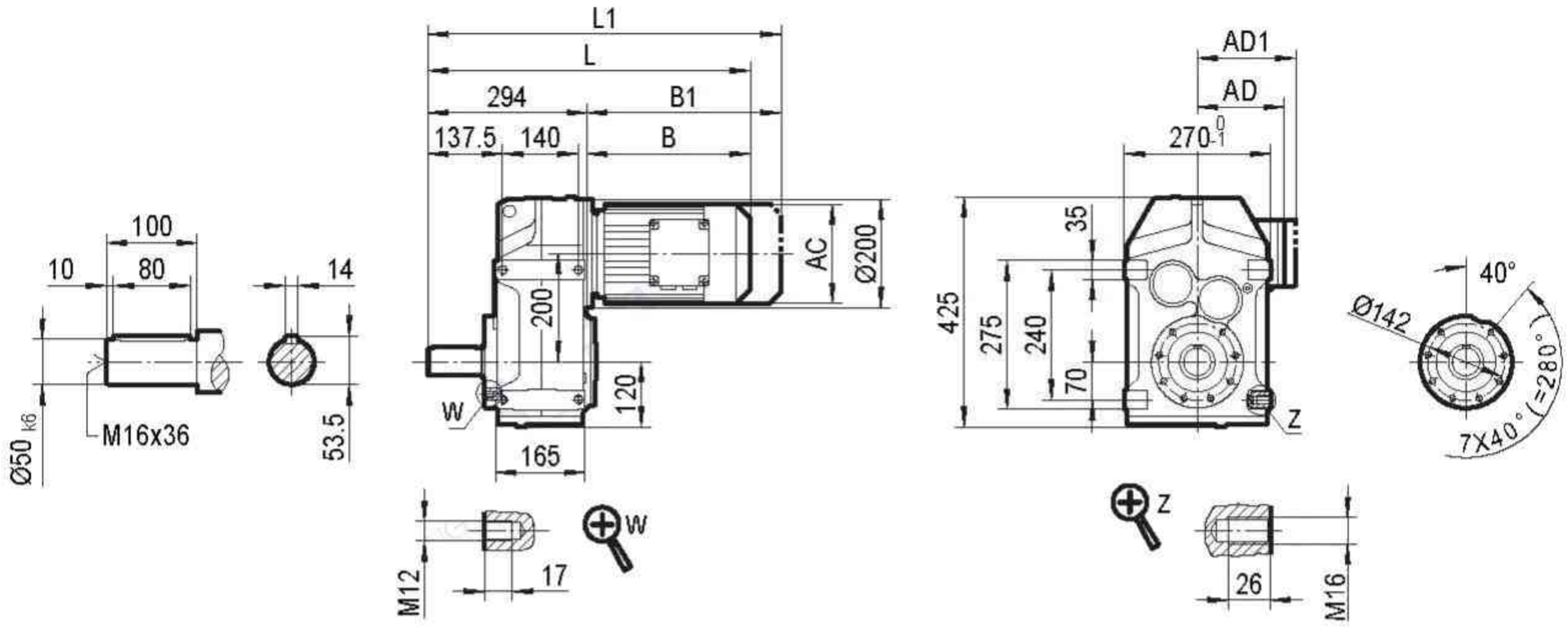




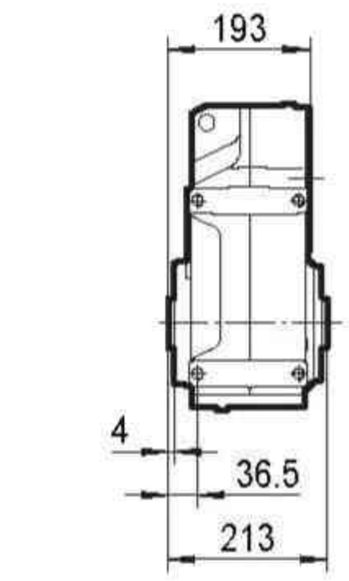


	MY63..	MY71D	MY80..	MY90..	MY100M	MY100L	MY112M	MY132S			
AC	132	145	145	197	197	197	221	221			
AD	105	122	122	154	166	166	179	179			
AD1	105	127	127	161	166	166	182	182			
B	185	199	249	269	319	349	354	402			
B1	240	263	313	354	404	434	434	482			
L	358	372	422	442	492	522	527	575			
L1	413	436	486	527	577	607	607	655			

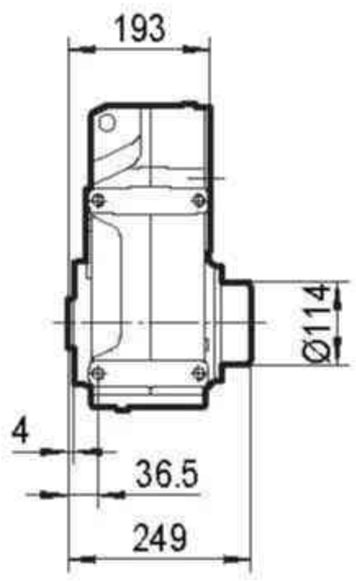
TF78..



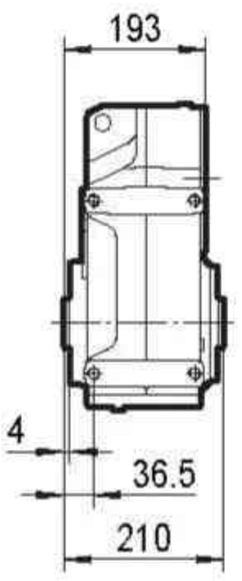
TFA78B..

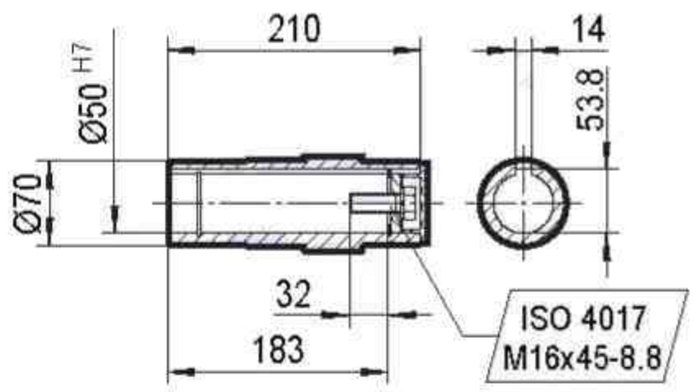


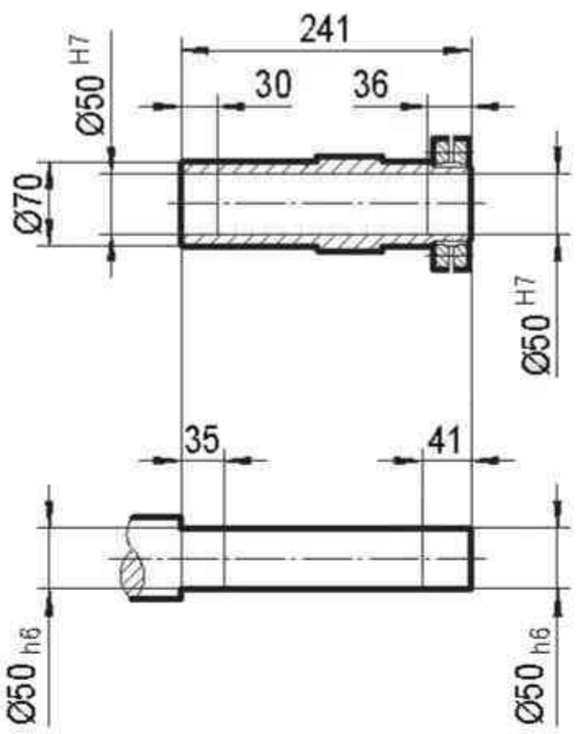
TFH78B..

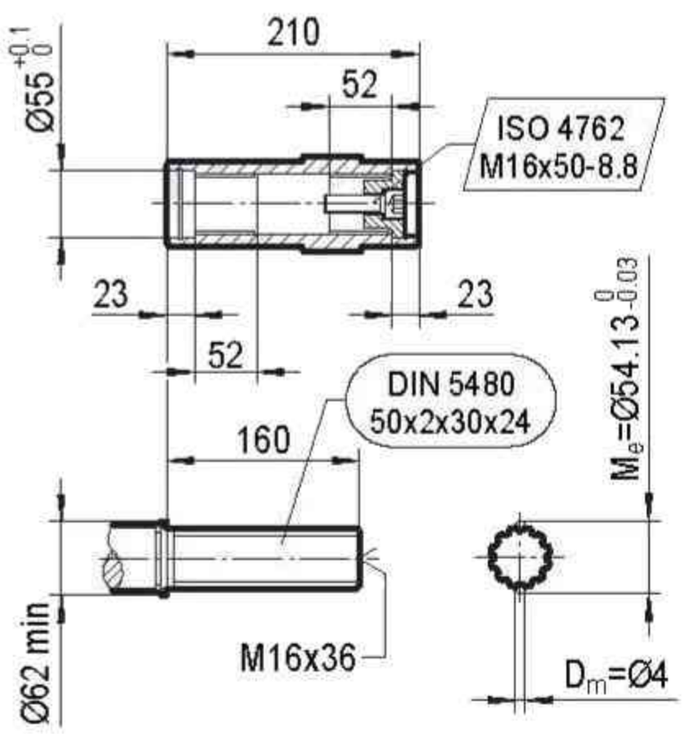


TFV78B..



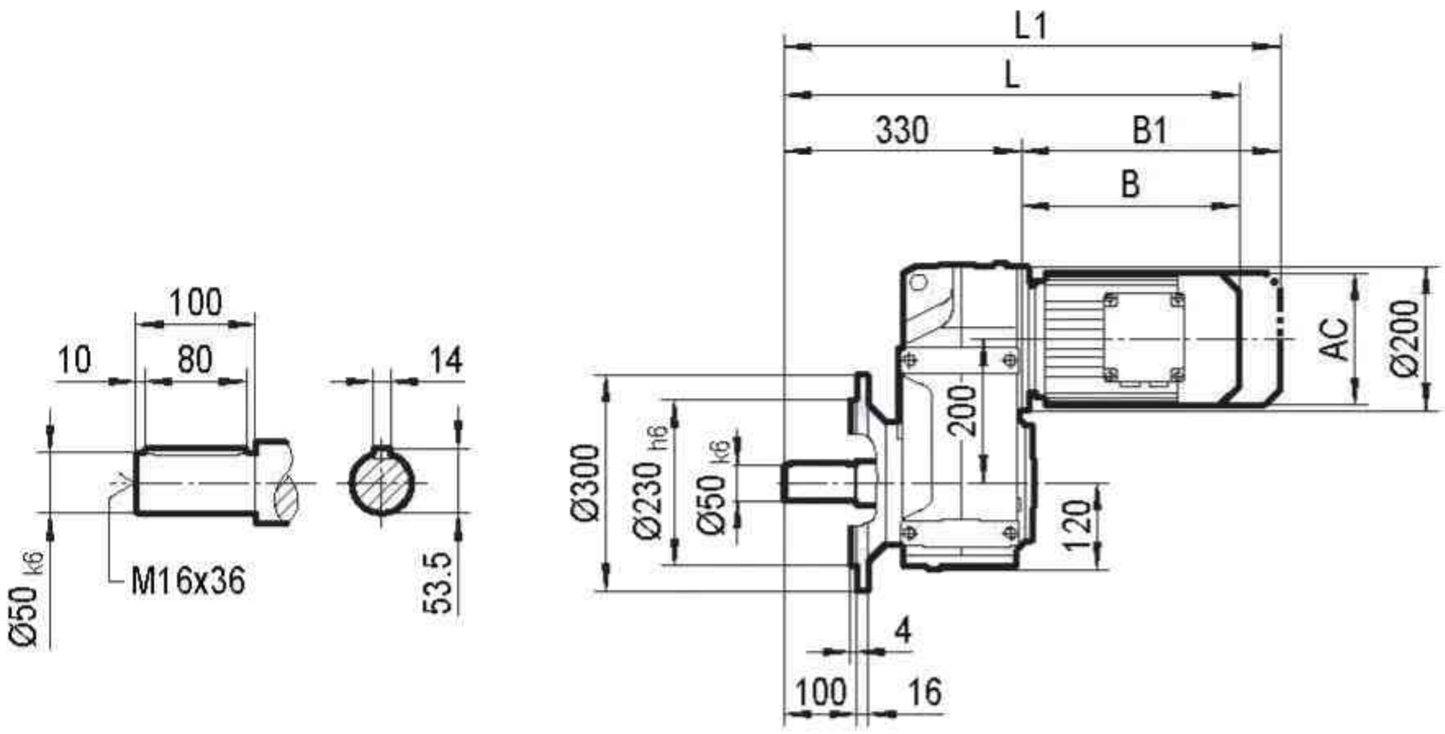




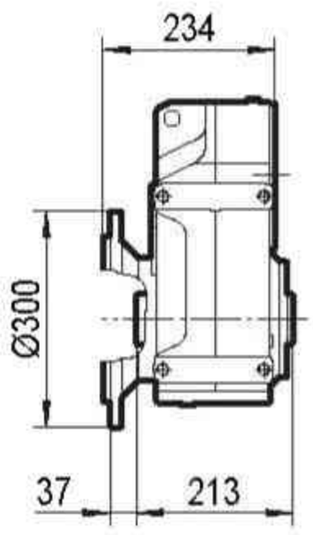


	MY63..	MY71D	MY80..	MY90..	MY100M	MY100L	MY112M	MY132S	MY132M	MY132ML	MY160M
AC	132	145	145	197	197	197	221	221	275	275	275
AD	105	122	122	154	166	166	179	179	230	230	230
AD1	105	127	127	161	166	166	182	182	230	230	230
B	179	193	243	261	311	341	345	390	412	472	472
B1	234	257	307	346	396	426	425	470	524	584	584
L	473	487	537	555	605	635	639	684	706	766	766
L1	528	551	601	640	690	720	719	764	818	878	878

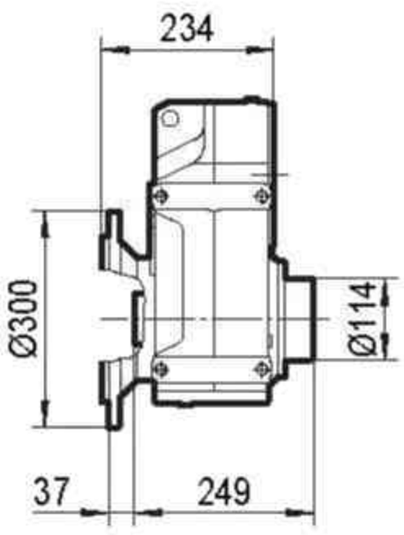
TFF78..



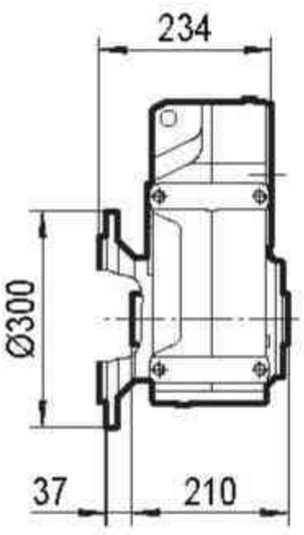
TFAF78..

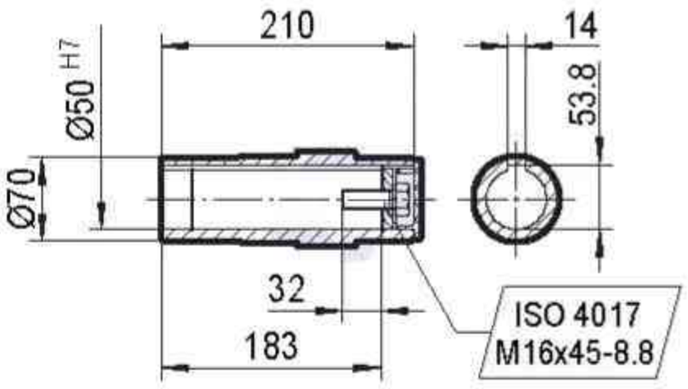


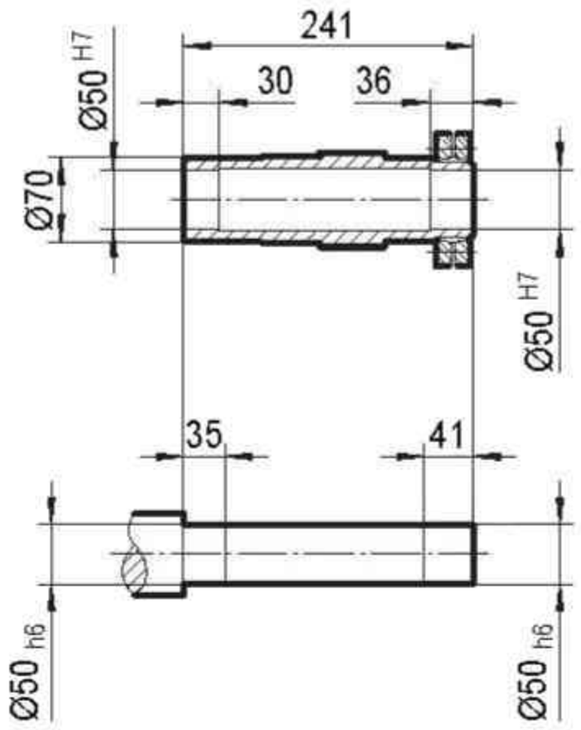
TFHF78..

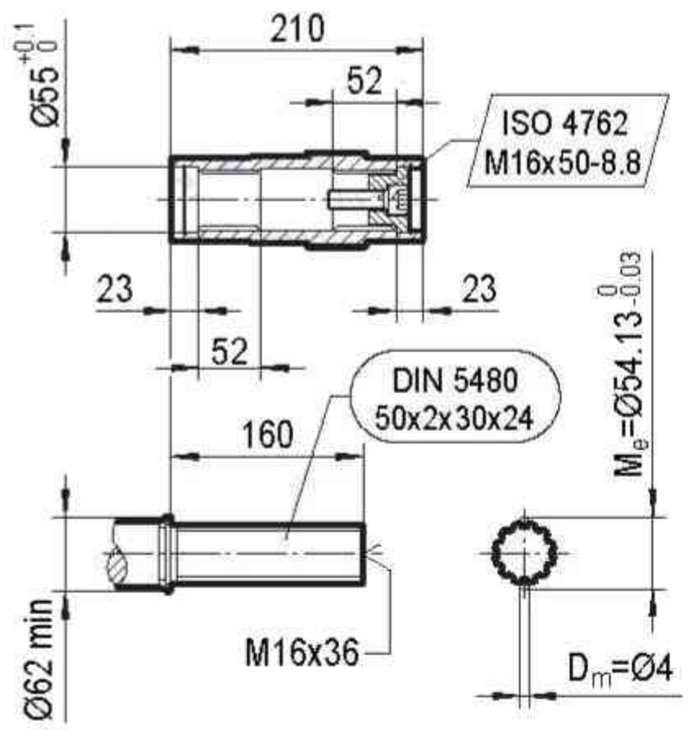


TFVF78..



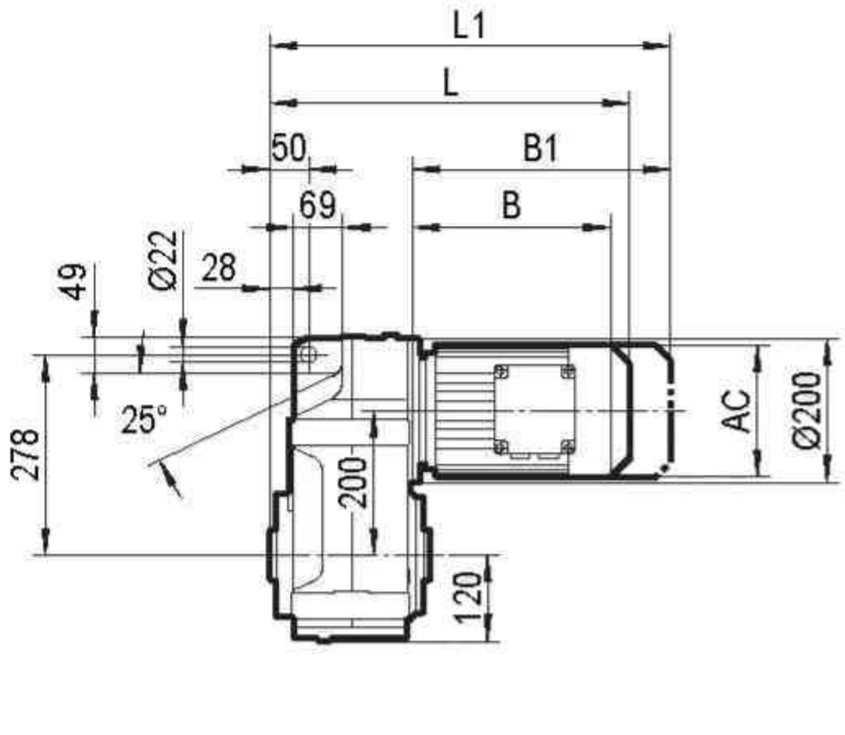


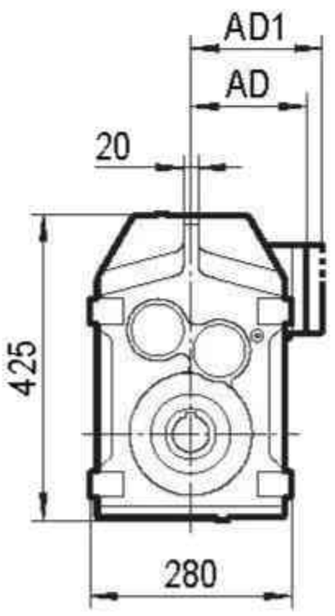




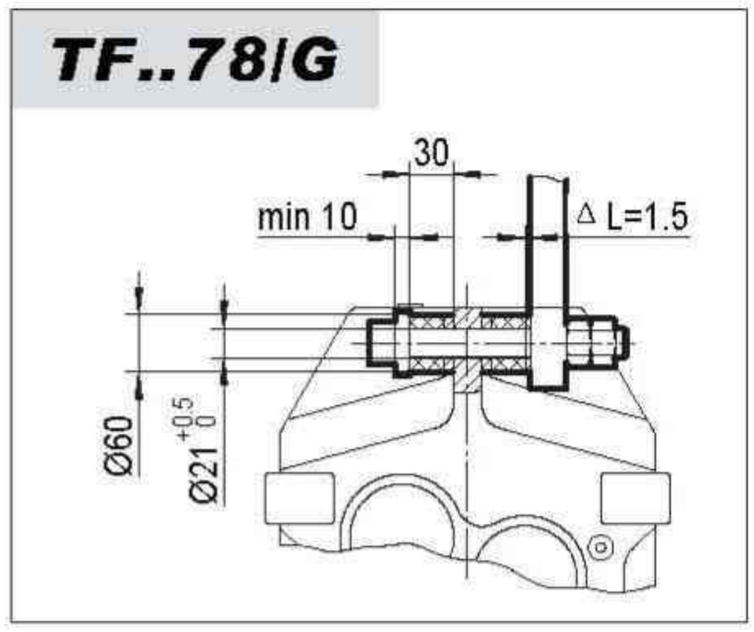
	MY63..	MY71D	MY80..	MY90..	MY100M	MY100L	MY112M	MY132S	MY132M	MY132ML	MY160M
AC	132	145	145	197	197	197	221	221	275	275	275
AD	105	122	122	154	166	166	179	179	230	230	230
AD1	105	127	127	161	166	166	182	182	230	230	230
B	179	193	243	261	311	341	345	390	412	472	472
B1	234	257	307	346	396	426	425	470	524	584	584
L	509	523	573	591	641	671	675	720	742	802	802
L1	564	587	637	676	726	756	755	800	854	914	914

TFA78..

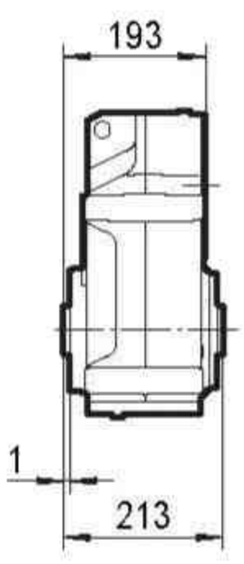


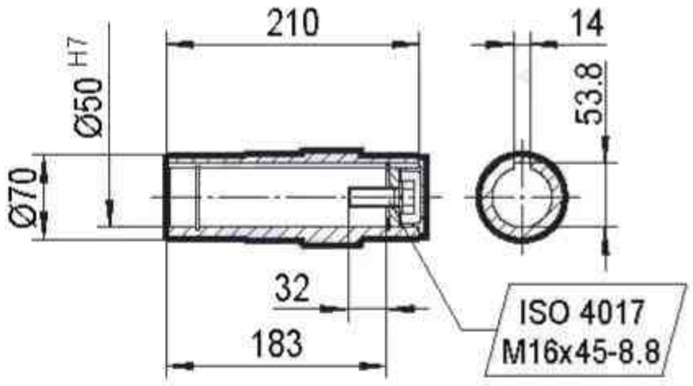


TF..78/G

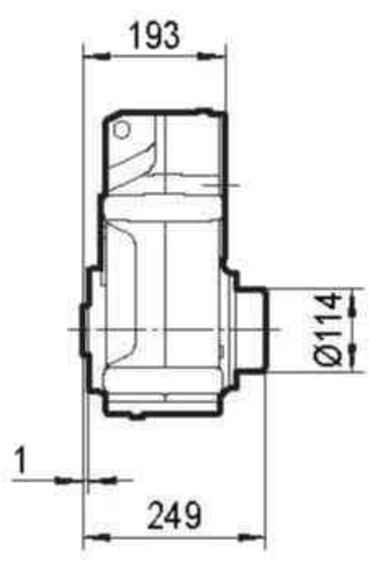


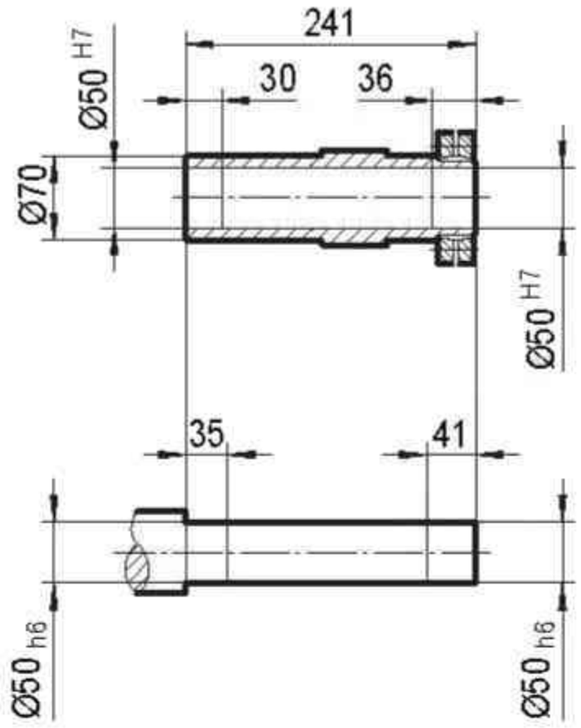
TFA78..



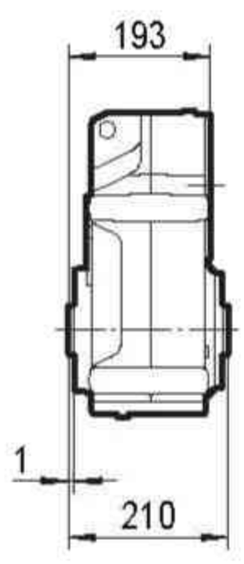


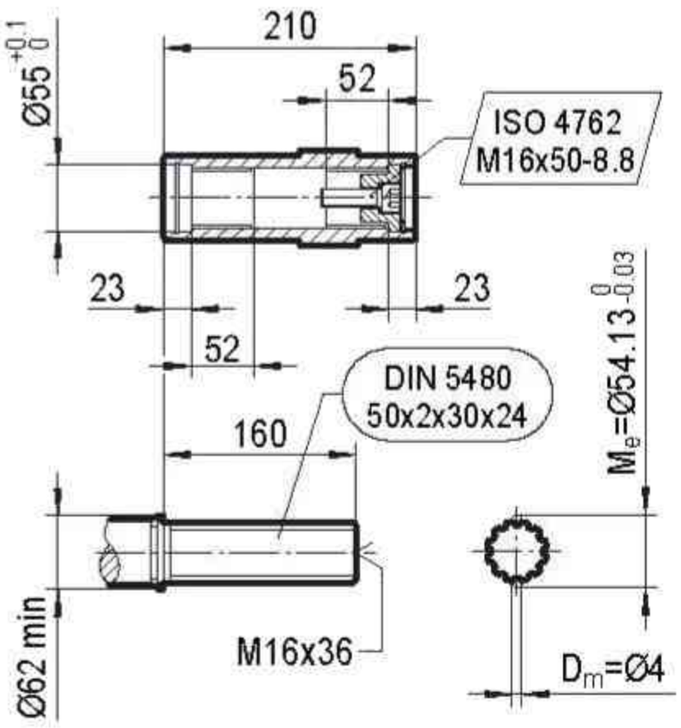
TFH78..





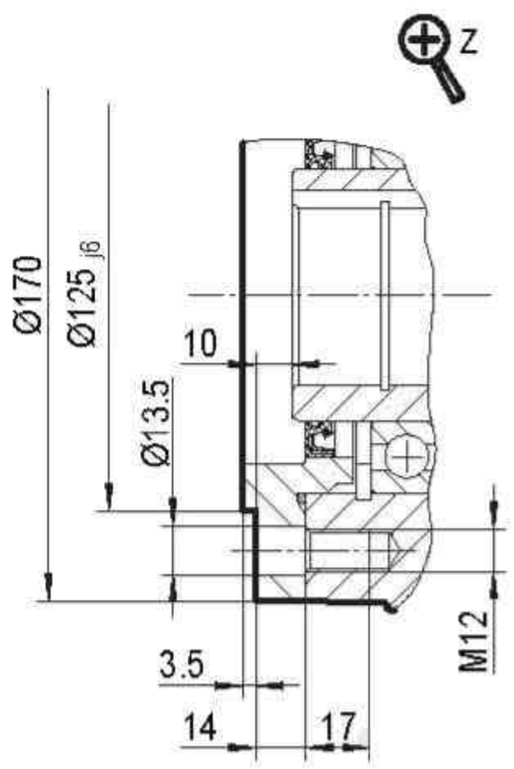
TFV78..

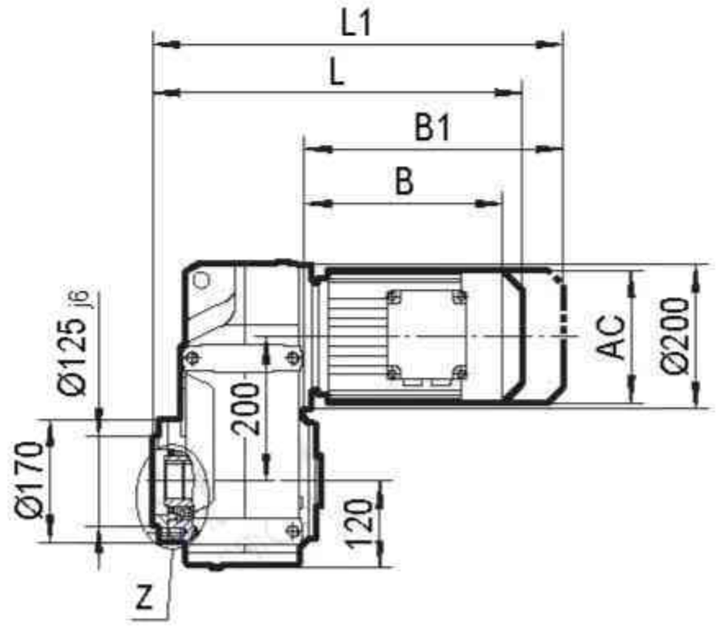


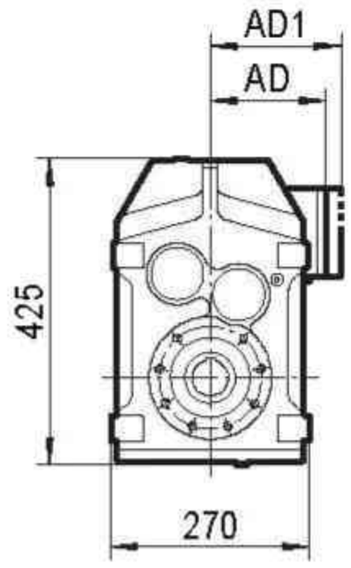


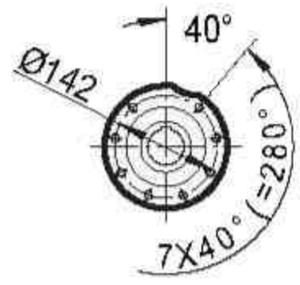
	MY63..	MY71D	MY80..	MY90..	MY100M	MY100L	MY112M	MY132S	MY132M	MY132ML	MY160M
AC	132	145	145	197	197	197	221	221	275	275	275
AD	105	122	122	154	166	166	179	179	230	230	230
AD1	105	127	127	161	166	166	182	182	230	230	230
B	179	193	243	261	311	341	345	390	412	472	472
B1	234	257	307	346	396	426	425	470	524	584	584
L	372	386	436	454	504	534	538	583	605	665	665
L1	427	450	500	539	589	619	618	663	717	777	777

TFAZ78..

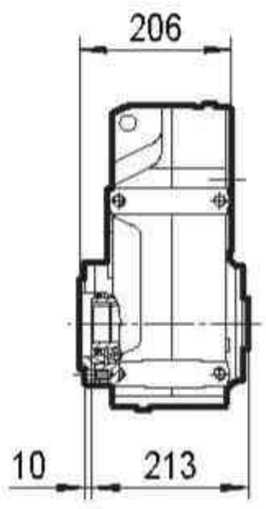




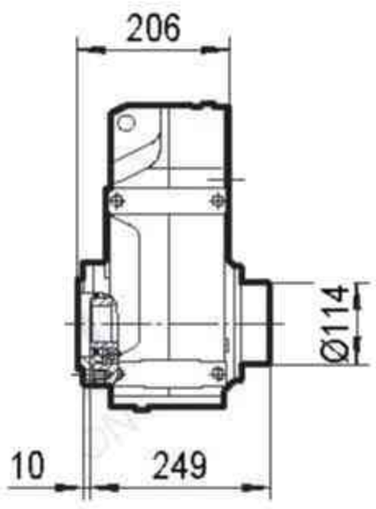




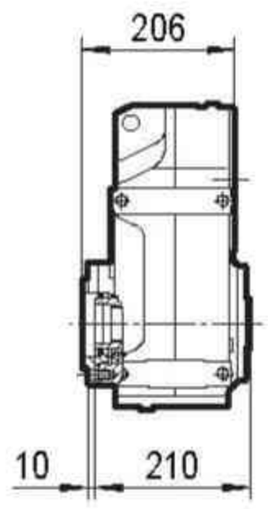
TFAZ78..

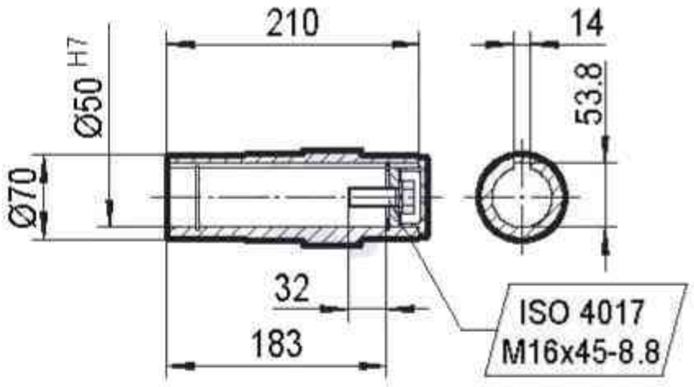


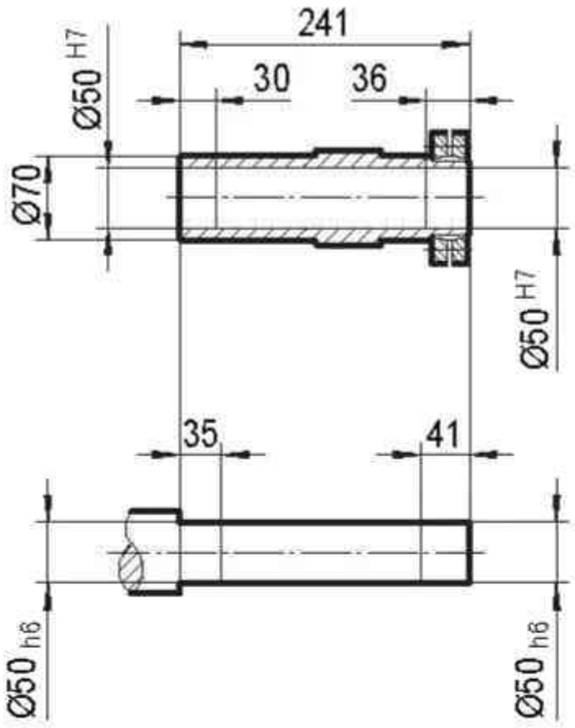
TFHZ78..

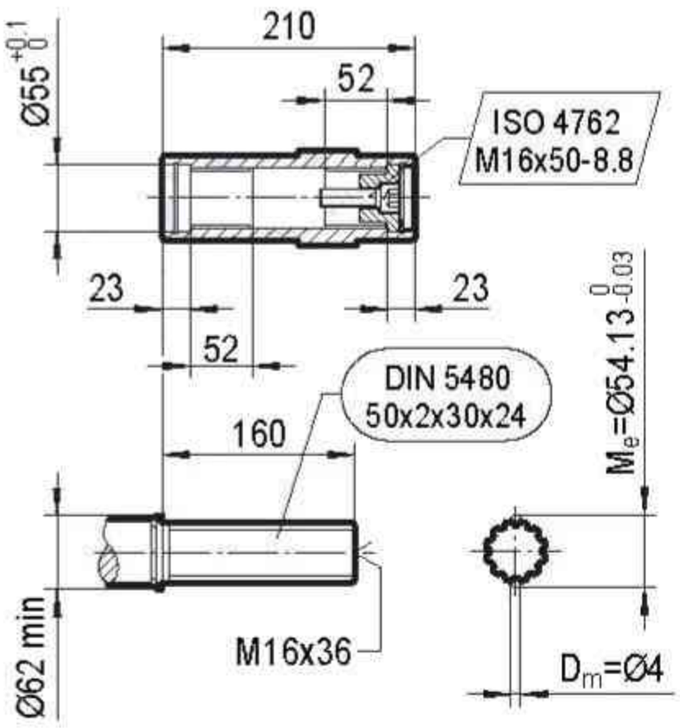


TFVZ78..



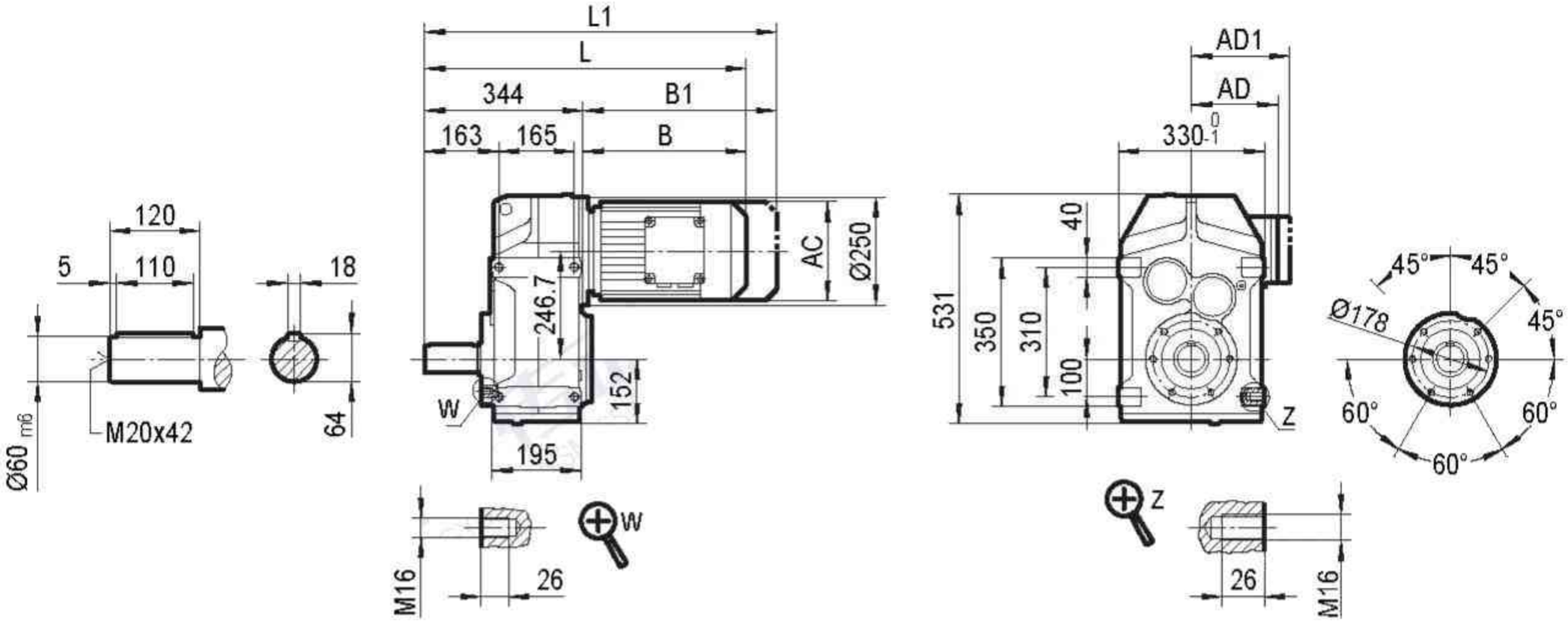




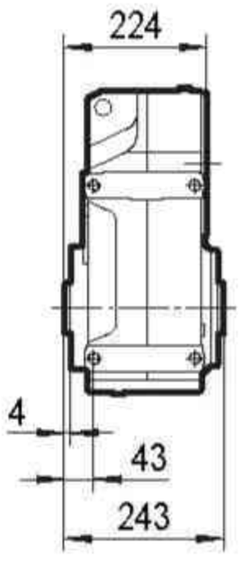


	MY63..	MY71D	MY80..	MY90..	MY100M	MY100L	MY112M	MY132S	MY132M	MY132ML	MY160M
AC	132	145	145	197	197	197	221	221	275	275	275
AD	105	122	122	154	166	166	179	179	230	230	230
AD1	105	127	127	161	166	166	182	182	230	230	230
B	179	193	243	261	311	341	345	390	412	472	472
B1	234	257	307	346	396	426	425	470	524	584	584
L	385	399	449	467	517	547	551	596	618	678	678
L1	440	463	513	552	602	632	631	676	730	790	790

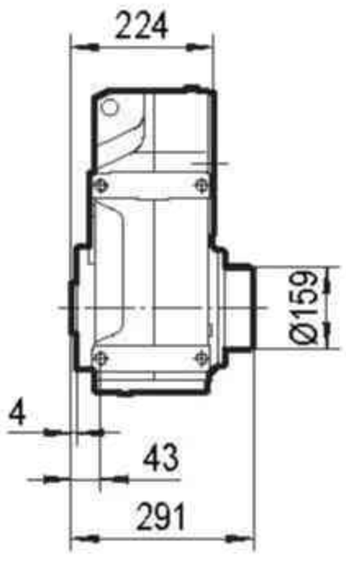
TF88..



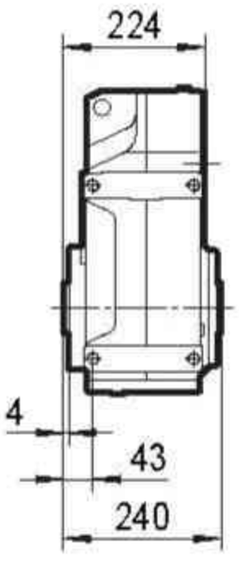
TFA88B..

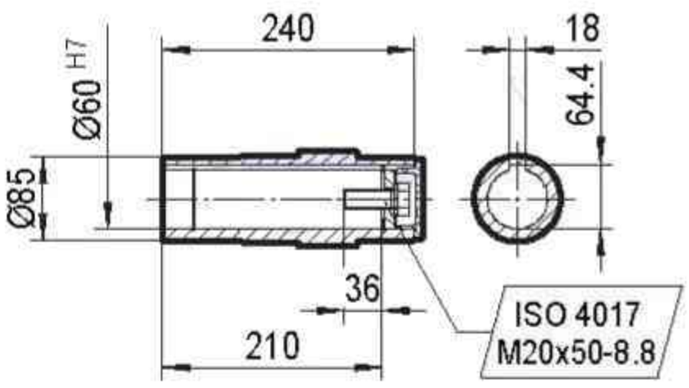


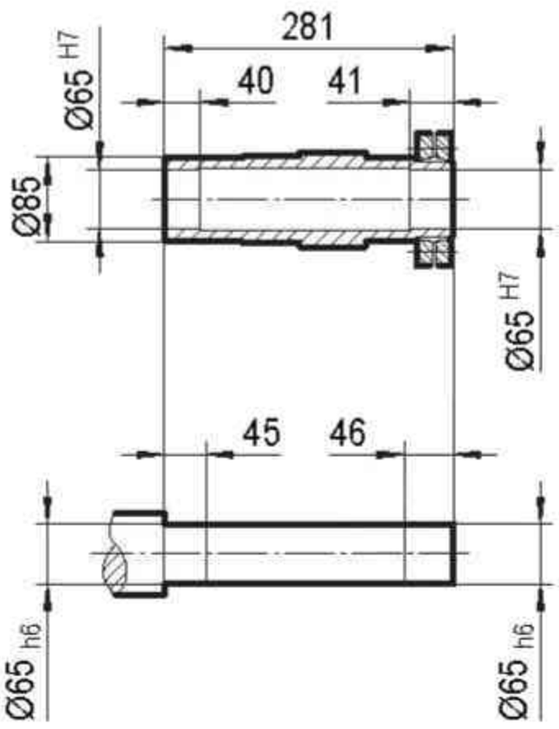
TFH88B..

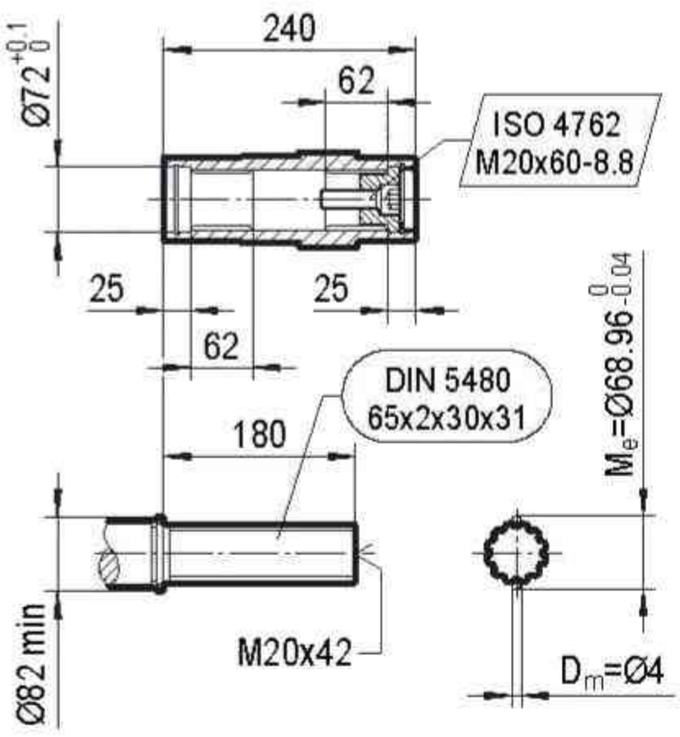


TFV88B..



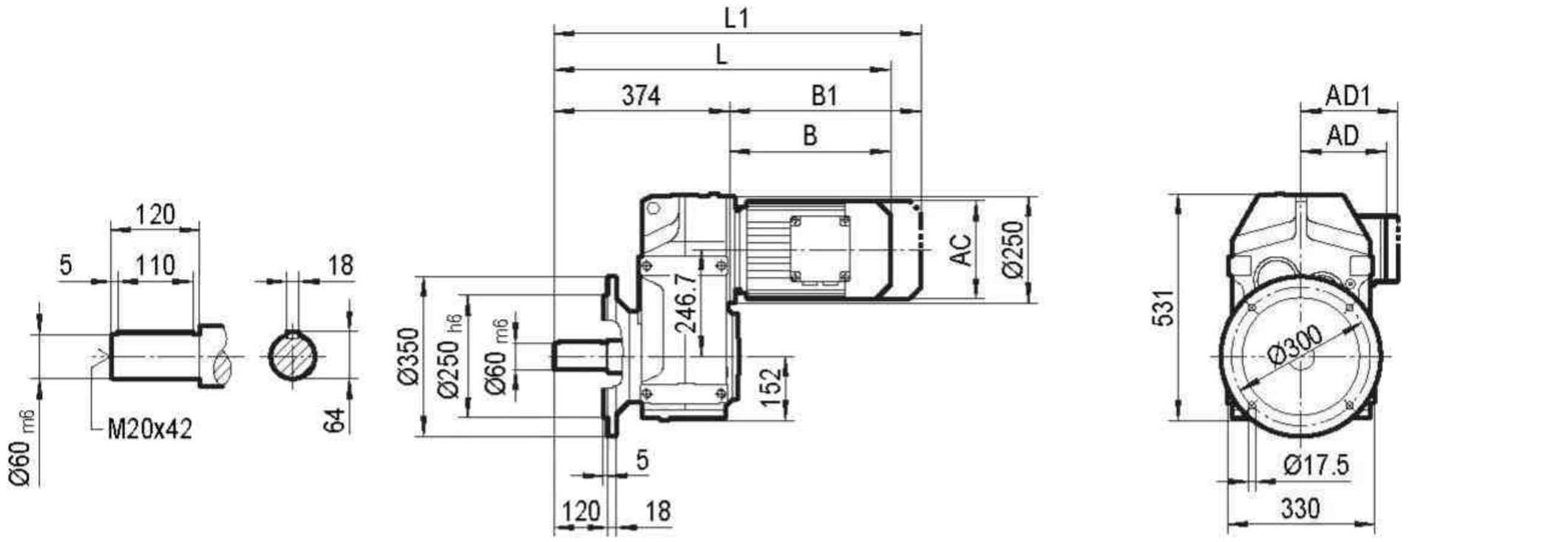




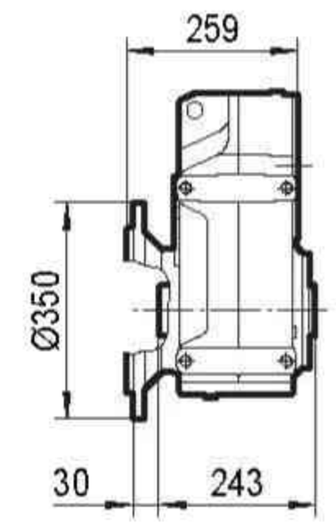


	MY80..	MY90..	MY100M	MY100L	MY112M	MY132S	MY132M	MY132ML	MY160M	MY160L	MY180..
AC	145	197	197	197	221	221	275	275	275	331	331
AD	122	154	166	166	179	179	230	230	230	258	258
AD1	127	161	166	166	182	182	230	230	230	258	258
B	238	257	307	337	340	385	407	467	467	514	586
B1	302	342	392	422	420	465	519	579	579	670	742
L	582	601	651	681	684	729	751	811	811	858	930
L1	646	686	736	766	764	809	863	923	923	1014	1086

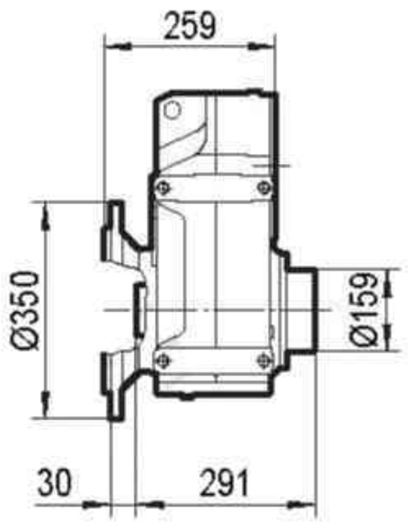
TFF88..



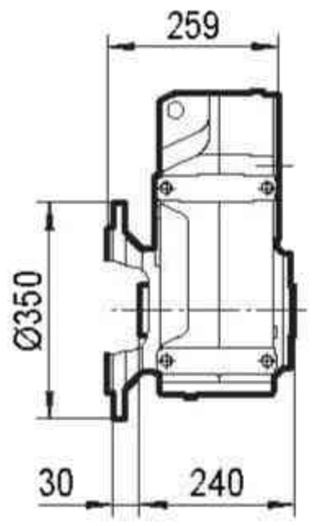
TFAF88..

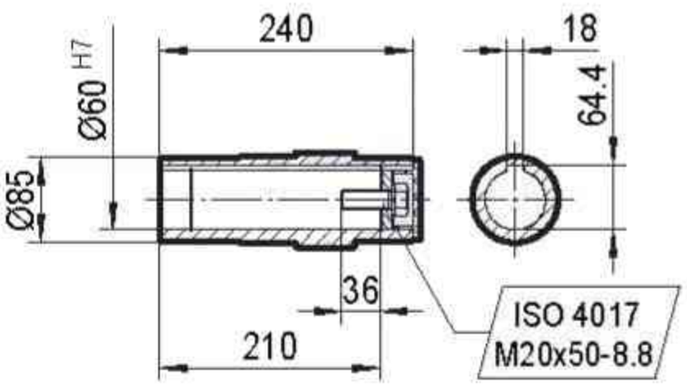


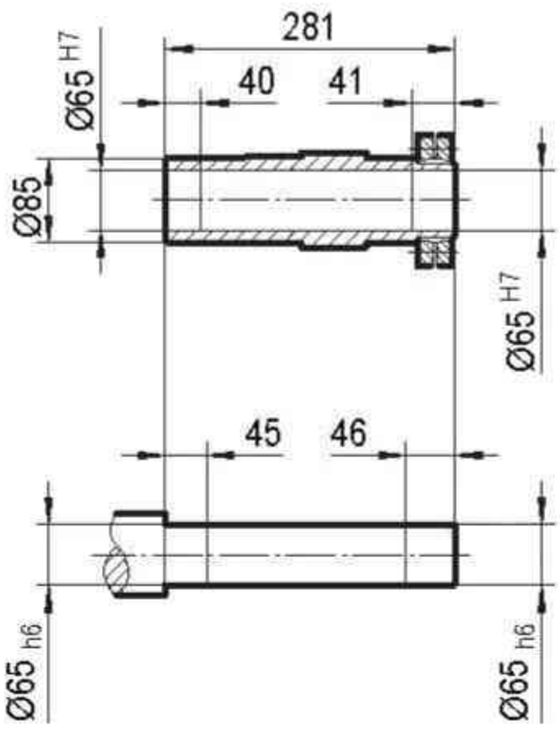
TFHF88..

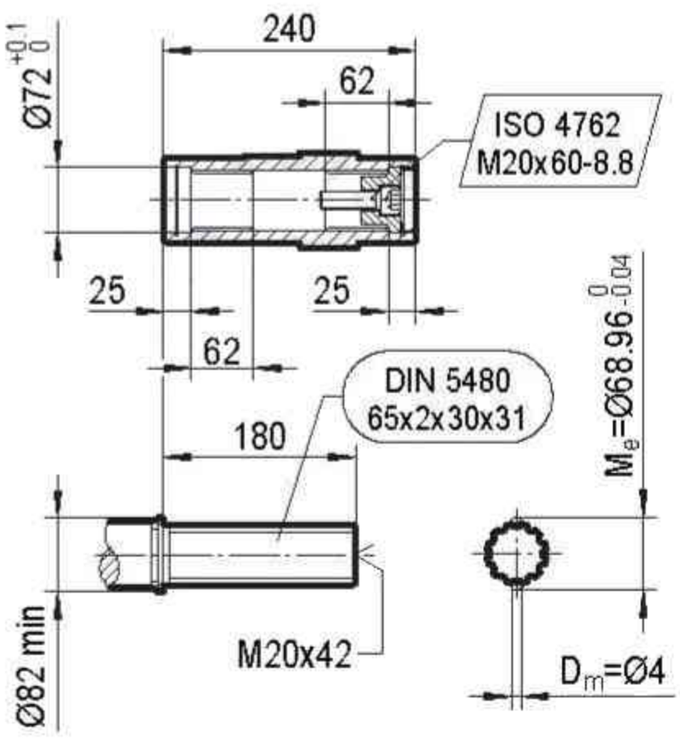


TFVF88..



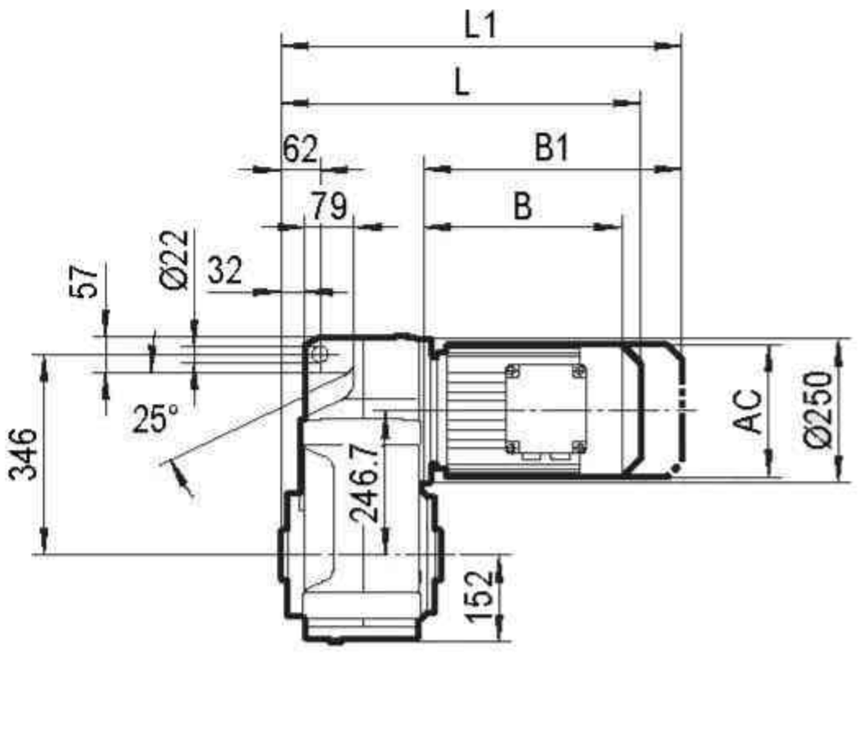


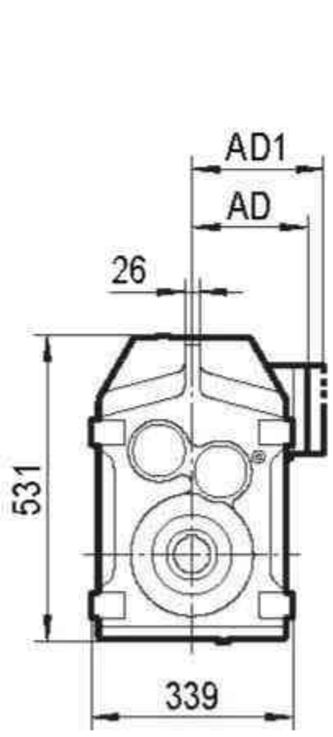




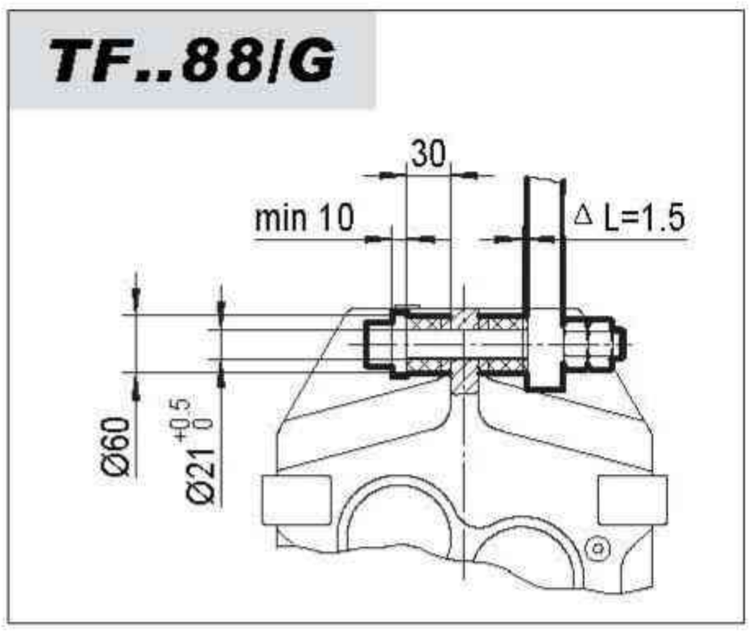
	MY80..	MY90..	MY100M	MY100L	MY112M	MY132S	MY132M	MY132ML	MY160M	MY160L	MY180..
AC	145	197	197	197	221	221	275	275	275	331	331
AD	122	154	166	166	179	179	230	230	230	258	258
AD1	127	161	166	166	182	182	230	230	230	258	258
B	238	257	307	337	340	385	407	467	467	514	586
B1	302	342	392	422	420	465	519	579	579	670	742
L	612	631	681	711	714	759	781	841	841	888	960
L1	676	716	766	796	794	839	893	953	953	1044	1116

TFA88..

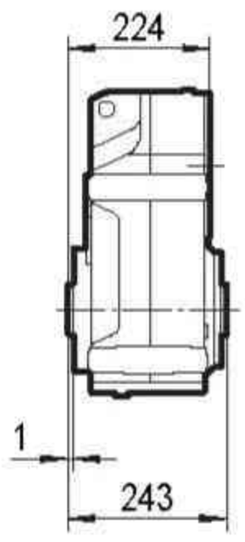




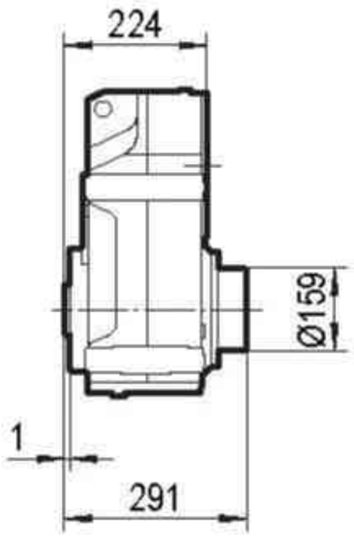
TF..88/G



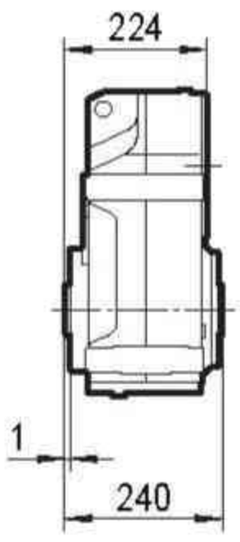
TFA88..

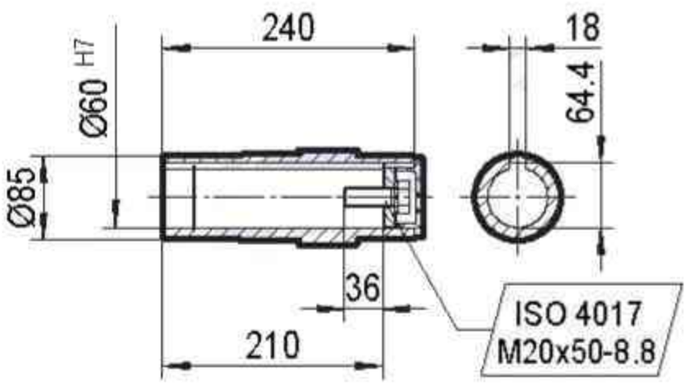


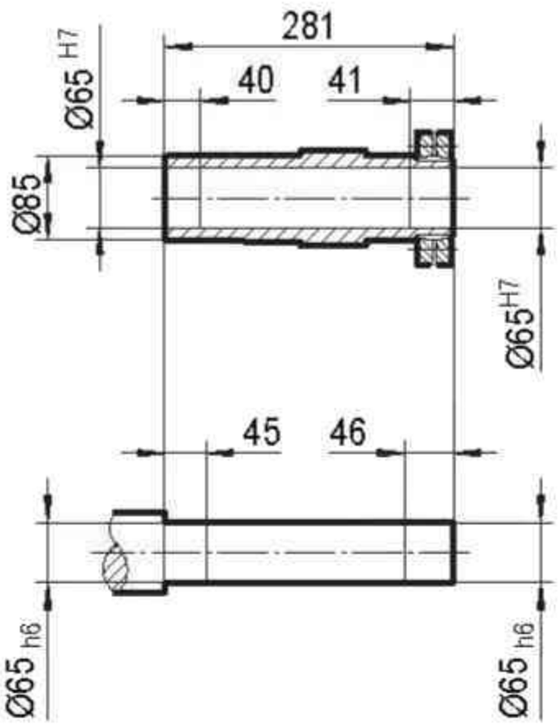
TFH88..

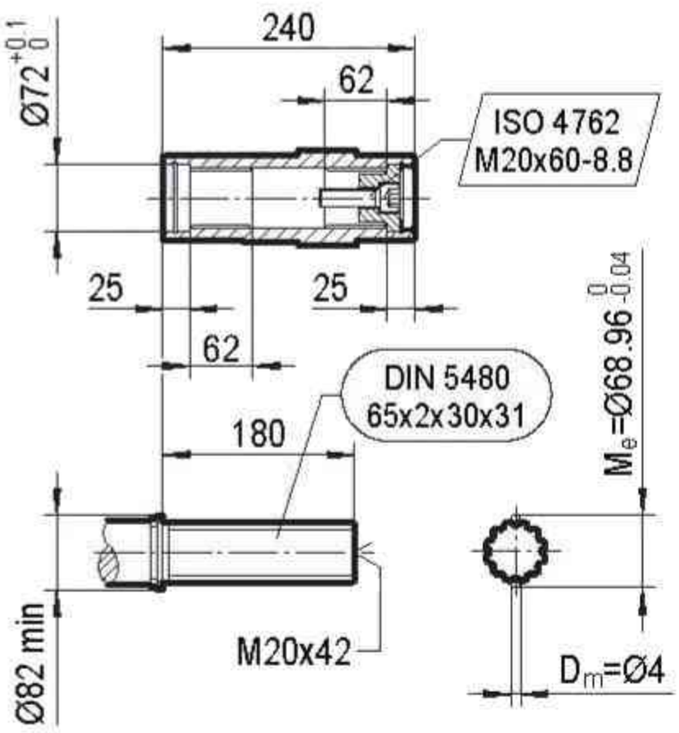


TFV88..



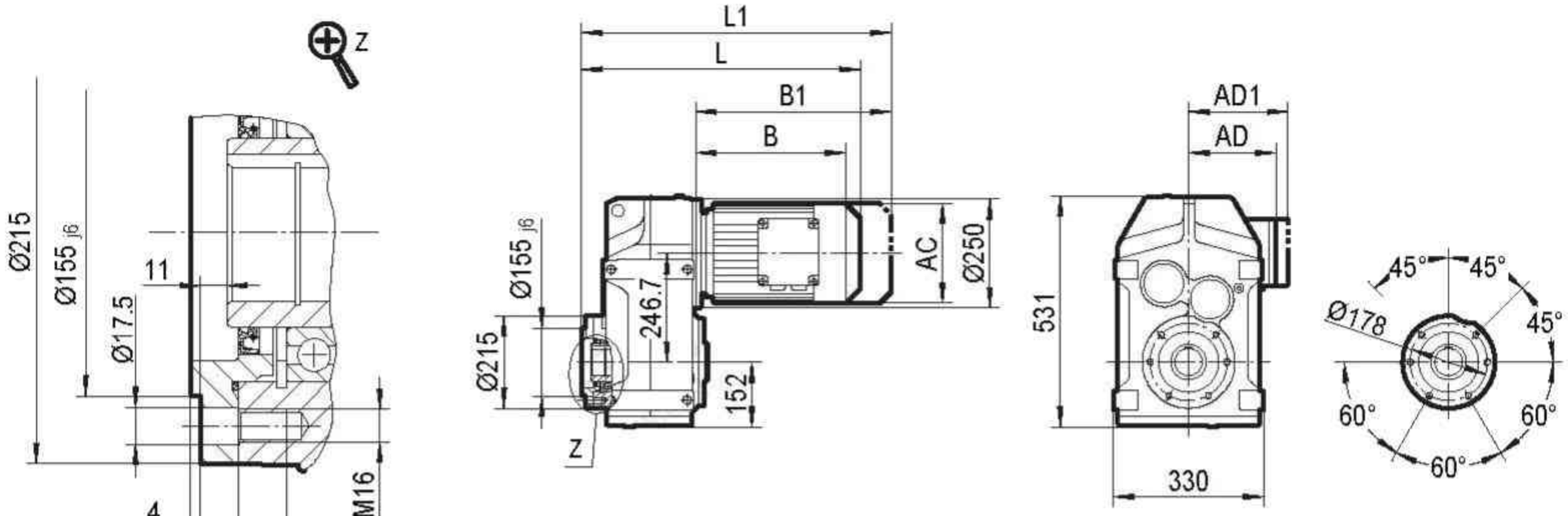




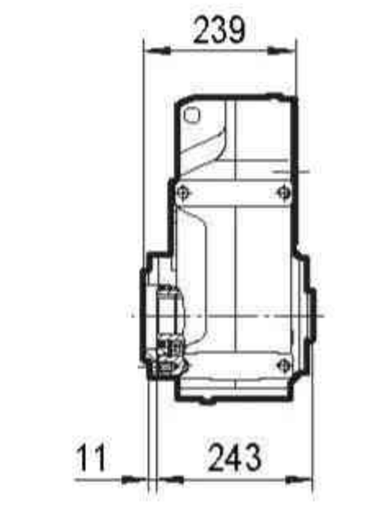


	MY80..	MY90..	MY100M	MY100L	MY112M	MY132S	MY132M	MY132ML	MY160M	MY160L	MY180..
AC	145	197	197	197	221	221	275	275	275	331	331
AD	122	154	166	166	179	179	230	230	230	258	258
AD1	127	161	166	166	182	182	230	230	230	258	258
B	238	257	307	337	340	385	407	467	467	514	586
B1	302	342	392	422	420	465	519	579	579	670	742
L	462	481	531	561	564	609	631	691	691	738	810
L1	526	566	616	646	644	689	743	803	803	894	966

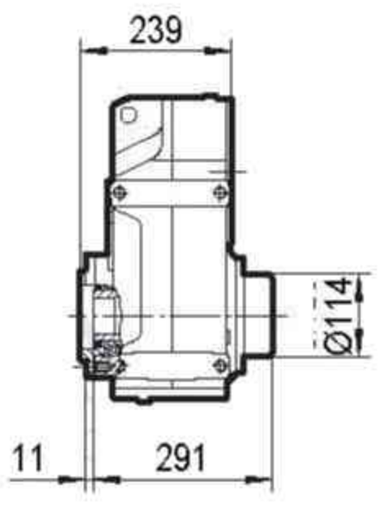
TFAZ88..



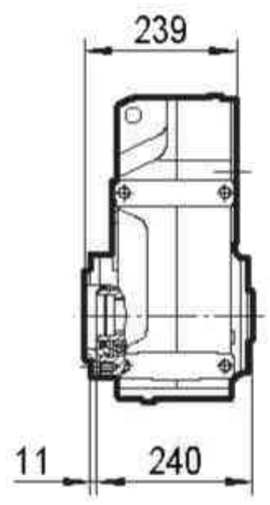
TFAZ88..

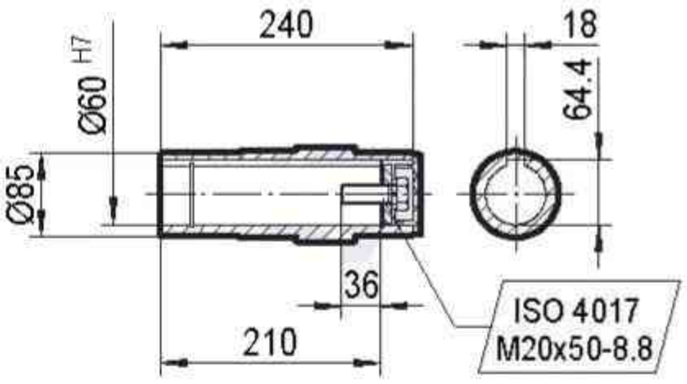


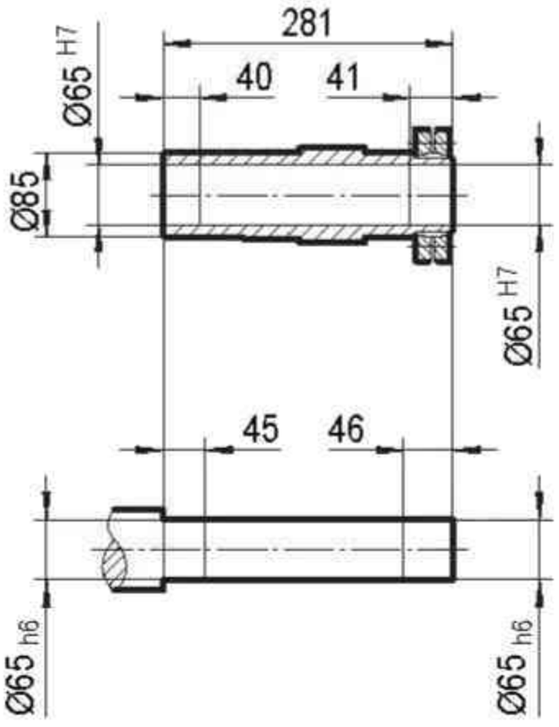
TFHZ88..

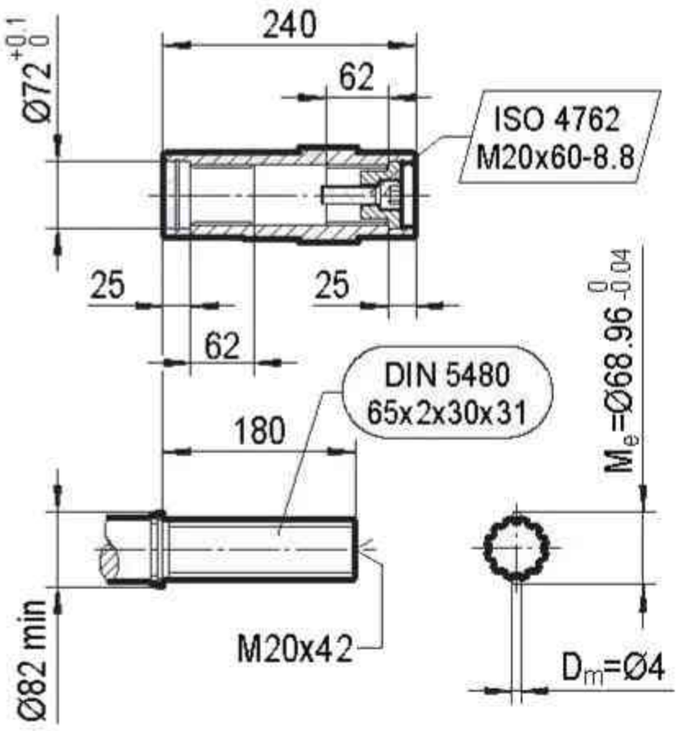


TFVZ88..



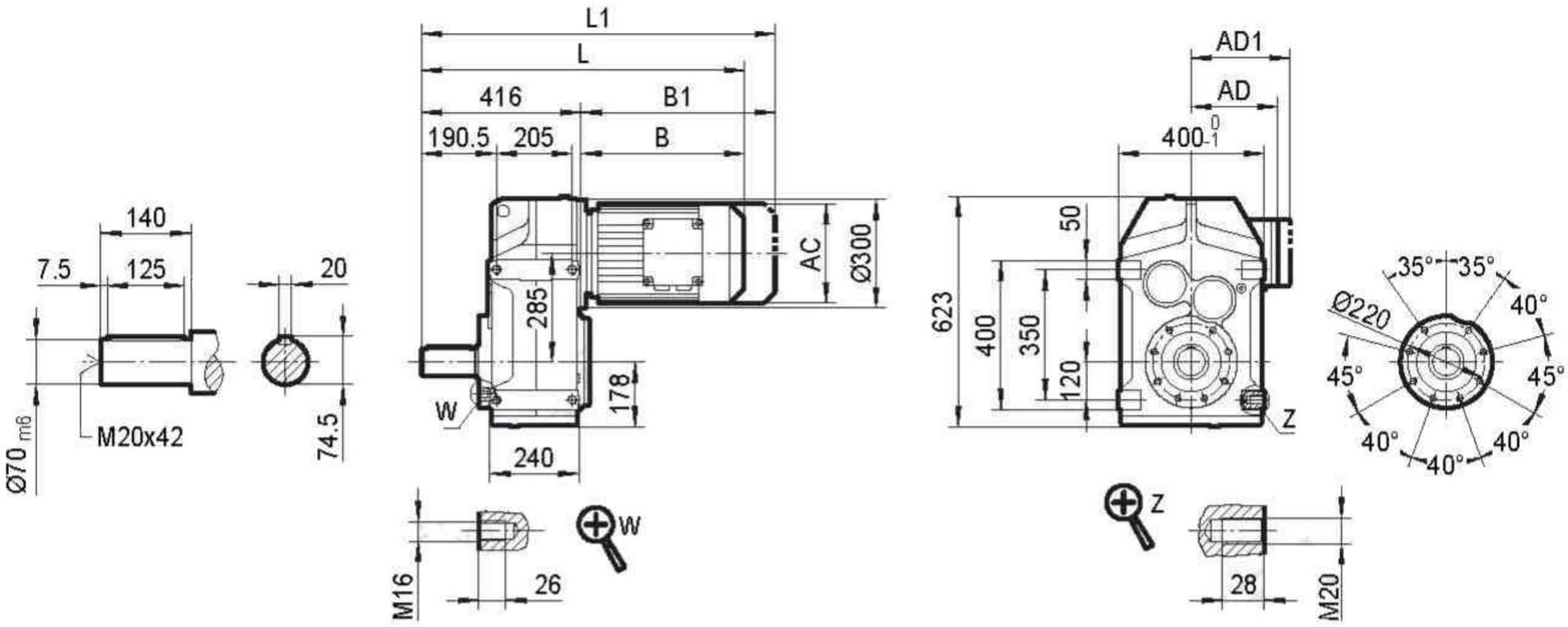




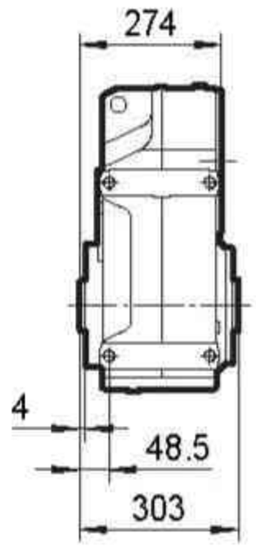


	MY80..	MY90..	MY100M	MY100L	MY112M	MY132S	MY132M	MY132ML	MY160M	MY160L	MY180..
AC	145	197	197	197	221	221	275	275	275	331	331
AD	122	154	166	166	179	179	230	230	230	258	258
AD1	127	161	166	166	182	182	230	230	230	258	258
B	238	257	307	337	340	385	407	467	467	514	586
B1	302	342	392	422	420	465	519	579	579	670	742
L	477	496	546	576	579	624	646	706	706	753	825
L1	541	581	631	661	659	704	758	818	818	909	981

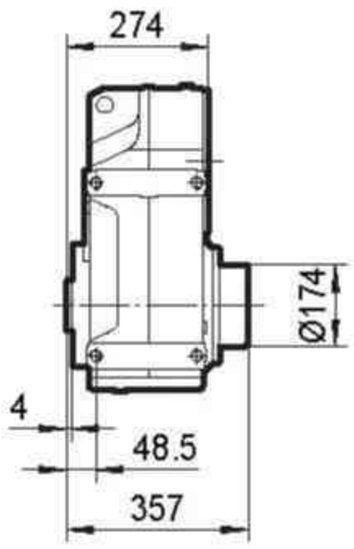
TF98..



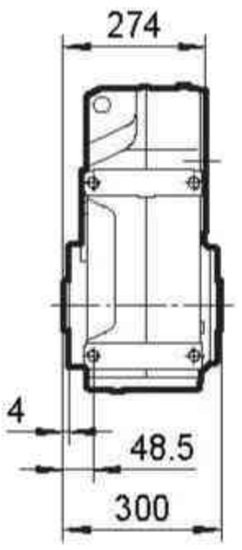
TFA98B..

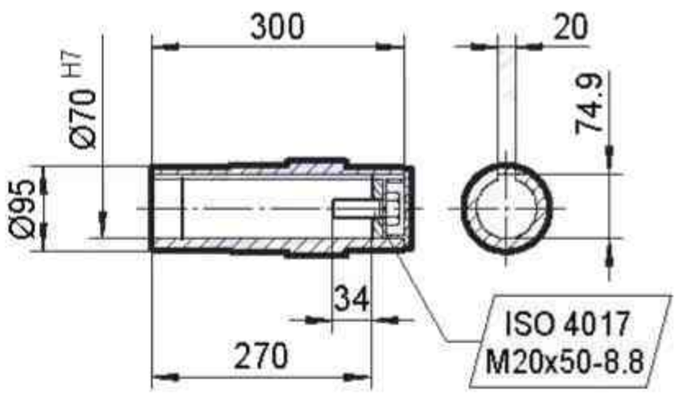


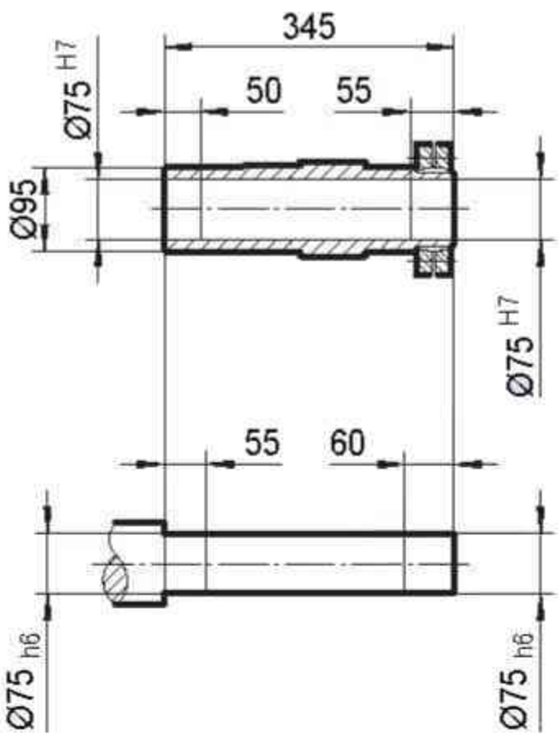
TFH98B..

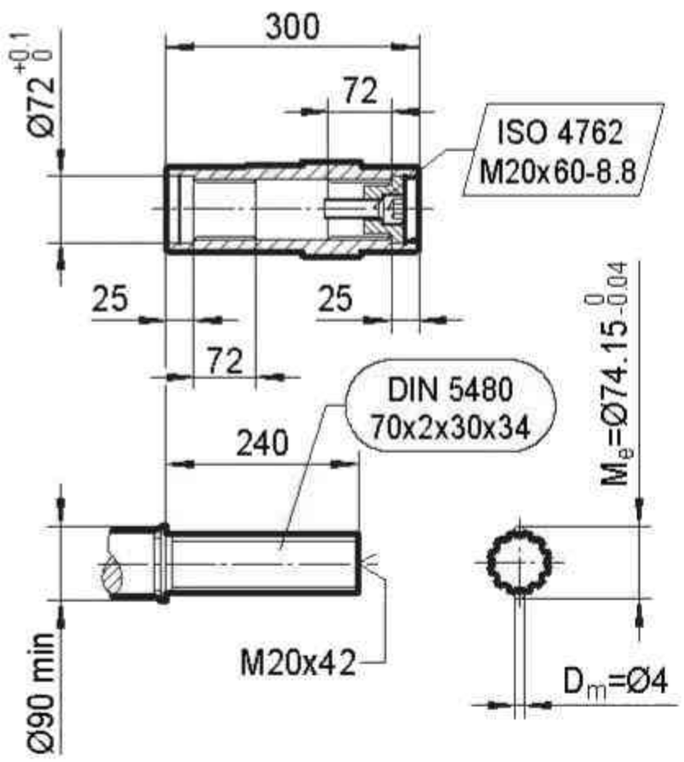


TFV98B..



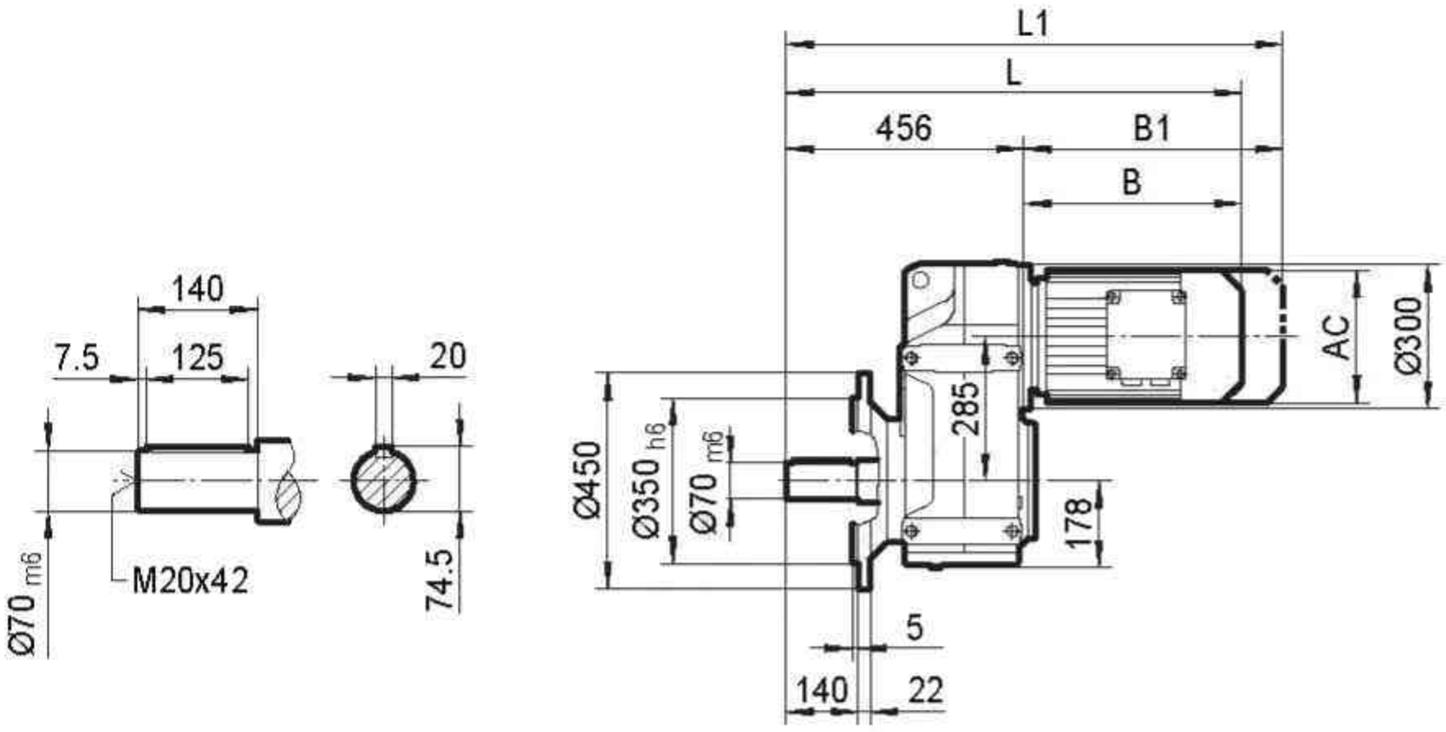




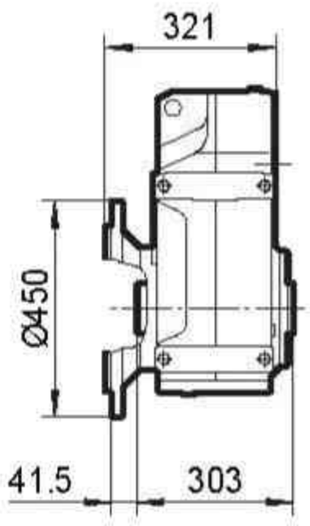


	MY90..	MY100M	MY100L	MY112M	MY132S	MY132M	MY132ML	MY160M	MY160L	MY180..	MY200..
AC	197	197	197	221	221	275	275	275	331	331	394
AD	154	166	166	179	179	230	230	230	258	258	285
AD1	161	166	166	182	182	230	230	230	258	258	285
B	251	301	331	335	380	402	462	462	509	581	629
B1	336	386	416	415	460	514	574	574	665	737	785
L	667	717	747	751	796	818	878	878	925	997	1045
L1	752	802	832	831	876	930	990	990	1081	1153	1201

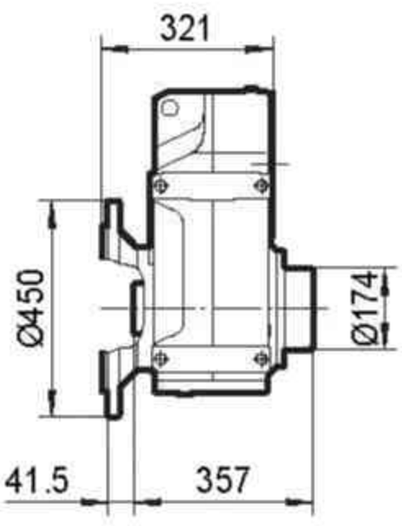
TFF98..



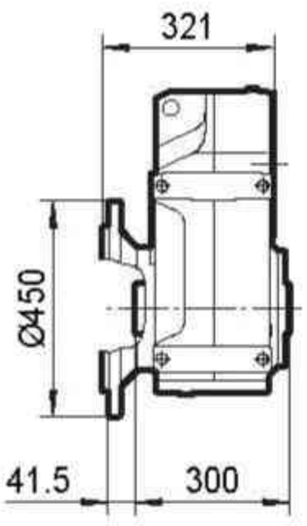
TFAF98..

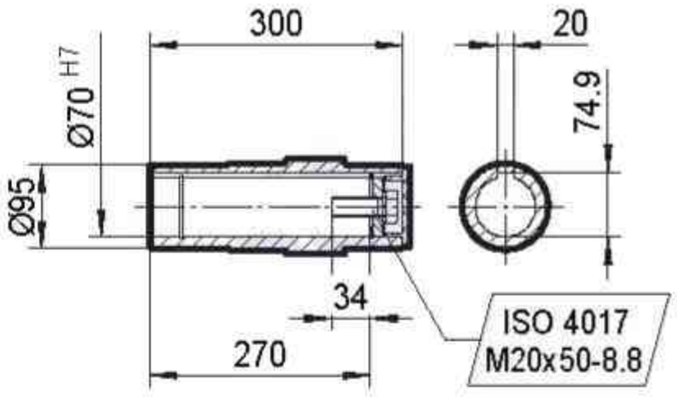


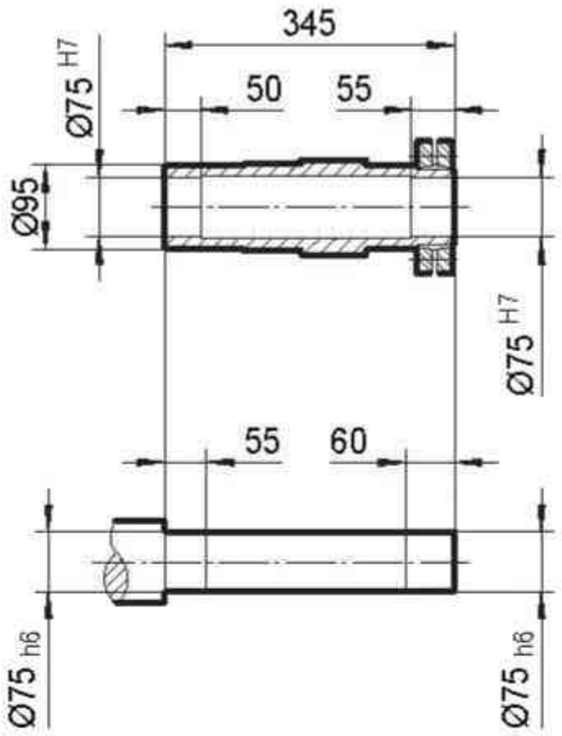
TFHF98..

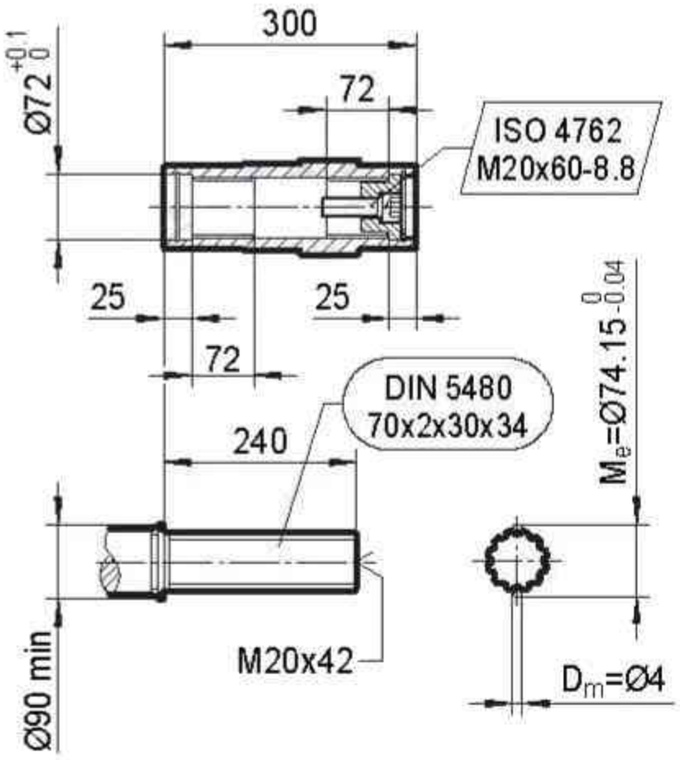


TFVF98..



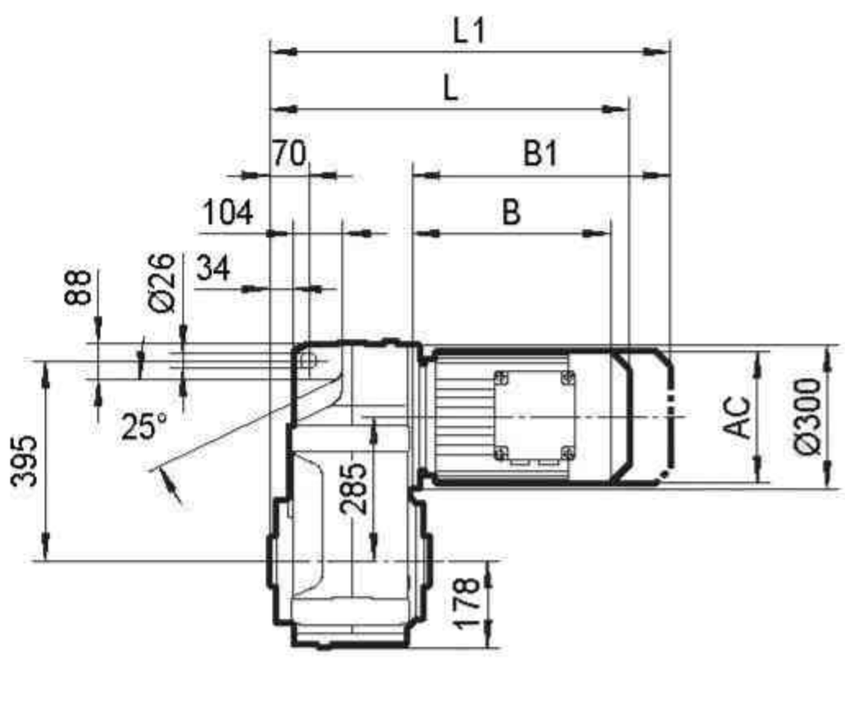


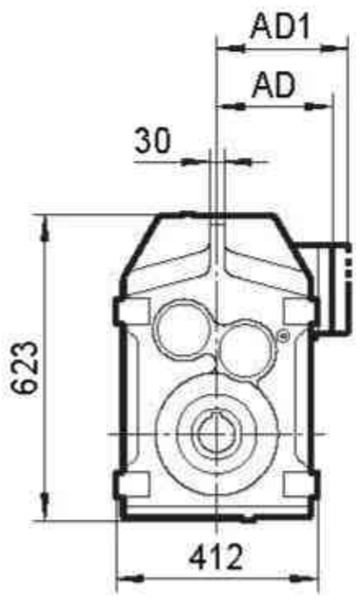




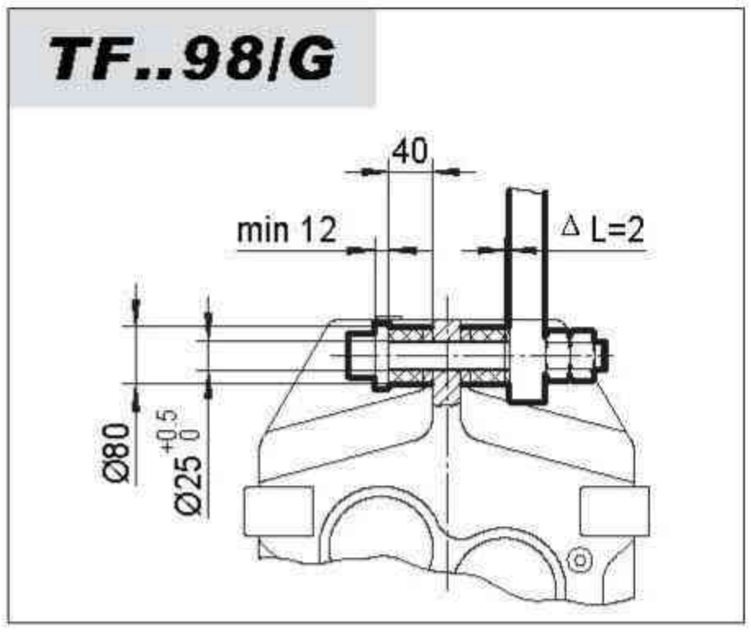
	MY90..	MY100M	MY100L	MY112M	MY132S	MY132M	MY132ML	MY160M	MY160L	MY180..	MY200..
AC	197	197	197	221	221	275	275	275	331	331	394
AD	154	166	166	179	179	230	230	230	258	258	285
AD1	161	166	166	182	182	230	230	230	258	258	285
B	251	301	331	335	380	402	462	462	509	581	629
B1	336	386	416	415	460	514	574	574	665	737	785
L	707	757	787	791	836	858	918	918	965	1037	1085
L1	792	842	872	871	916	970	1030	1030	1121	1193	1241

TFA98..

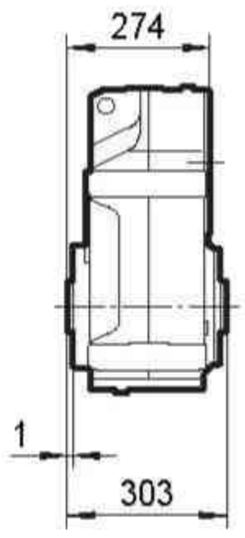


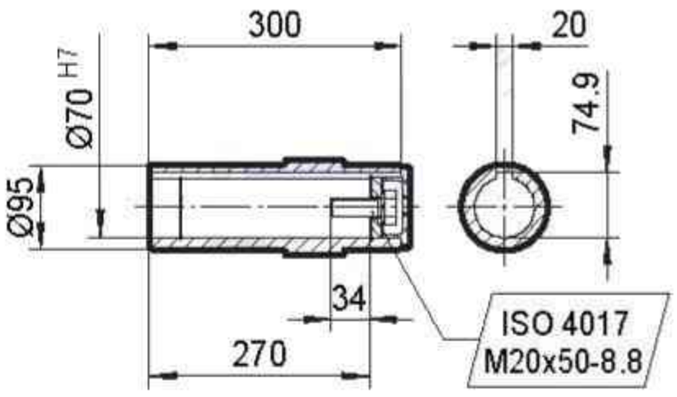


TF..98/G

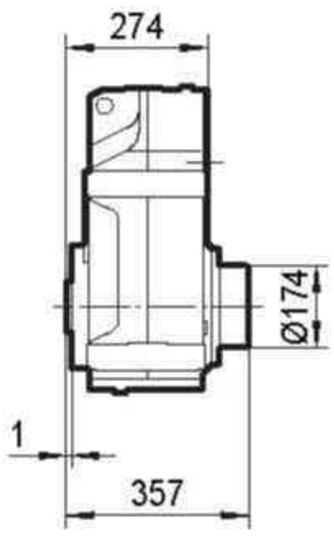


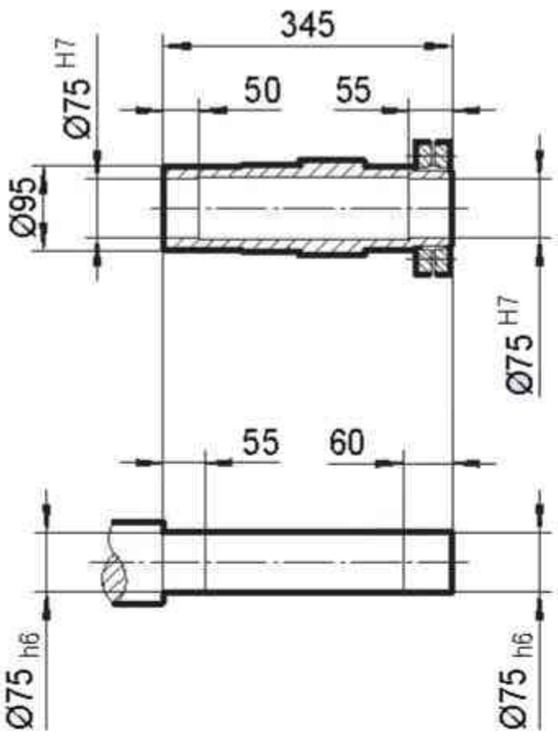
TFA98..



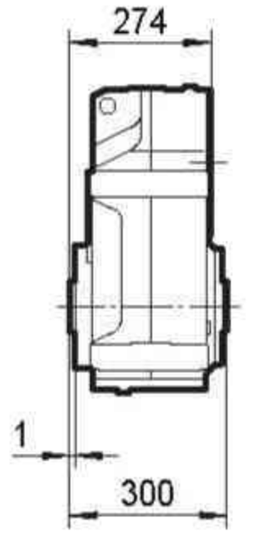


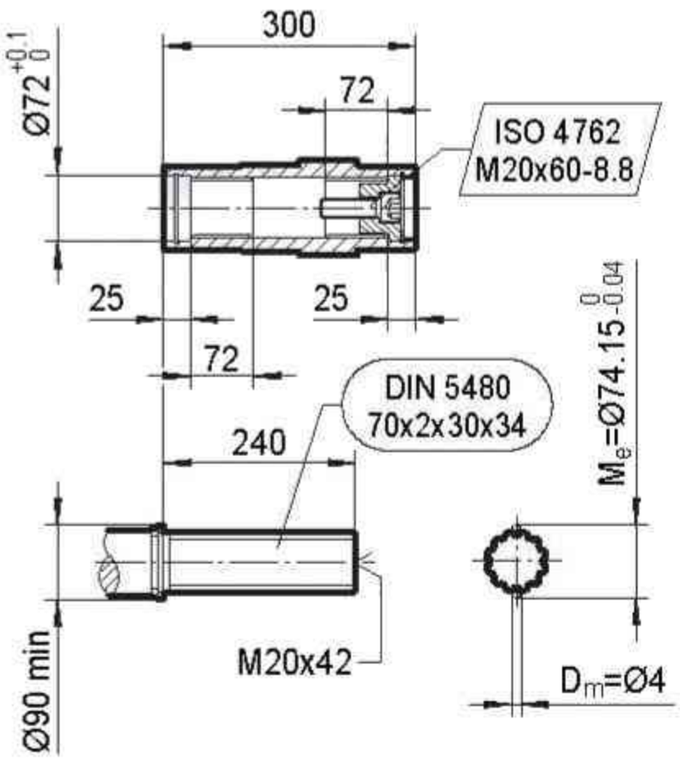
TFH98..





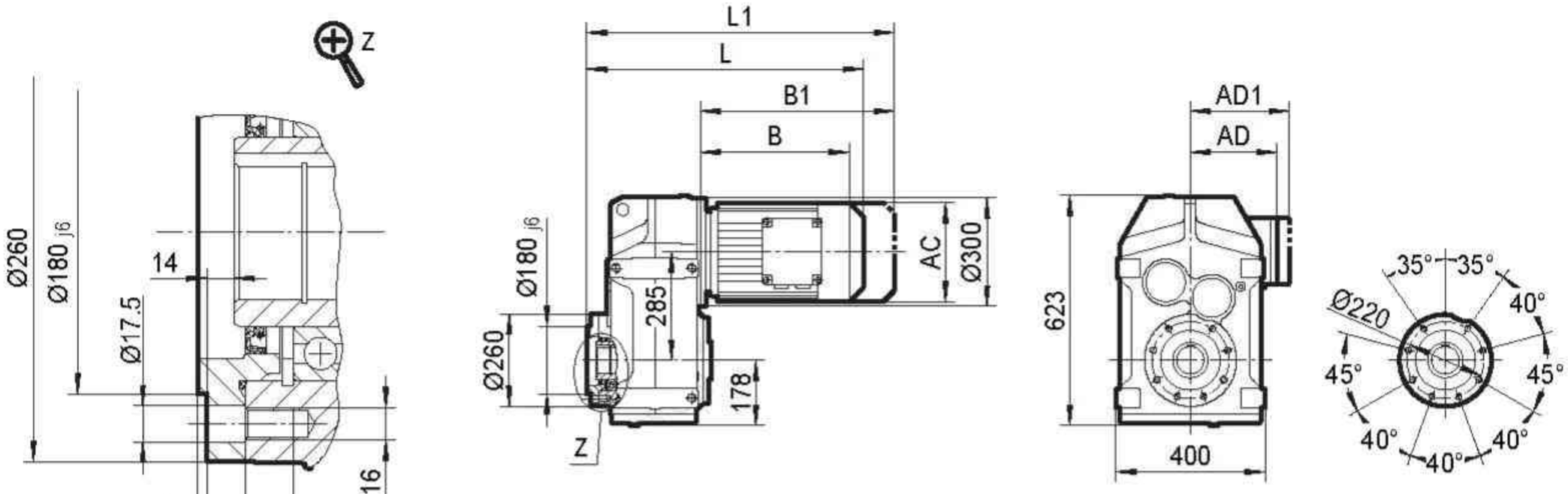
TFV98..



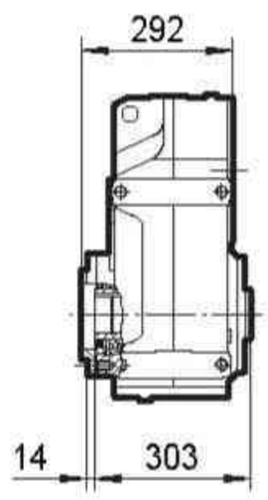


	MY90..	MY100M	MY100L	MY112M	MY132S	MY132M	MY132ML	MY160M	MY160L	MY180..	MY200..
AC	197	197	197	221	221	275	275	275	331	331	394
AD	154	166	166	179	179	230	230	230	258	258	285
AD1	161	166	166	182	182	230	230	230	258	258	285
B	251	301	331	335	380	402	462	462	509	581	629
B1	336	386	416	415	460	514	574	574	665	737	785
L	525	575	605	609	654	676	736	736	783	855	903
L1	610	660	690	689	734	788	848	848	939	1011	1059

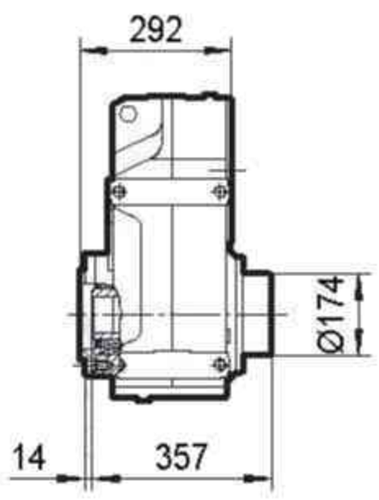
TFAZ98..



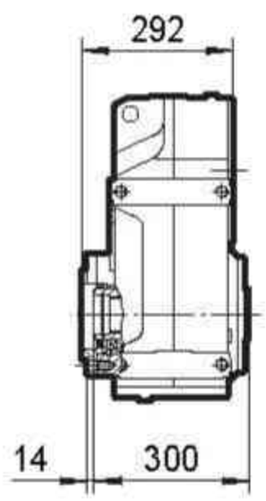
TFAZ98..

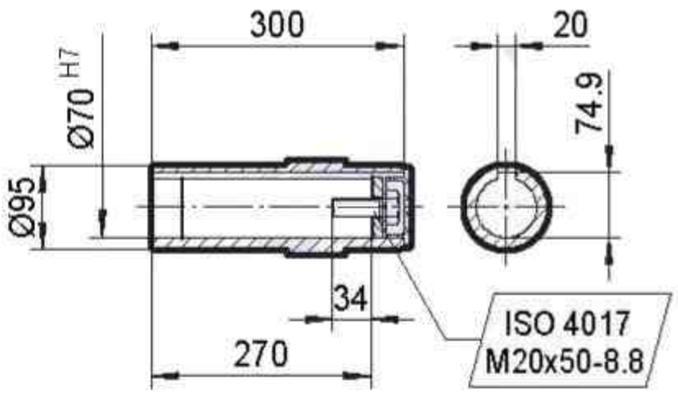


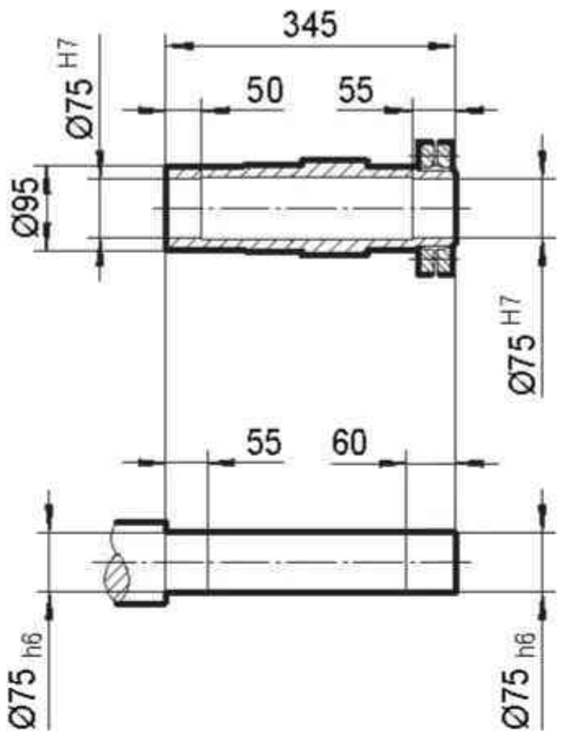
TFHZ98..

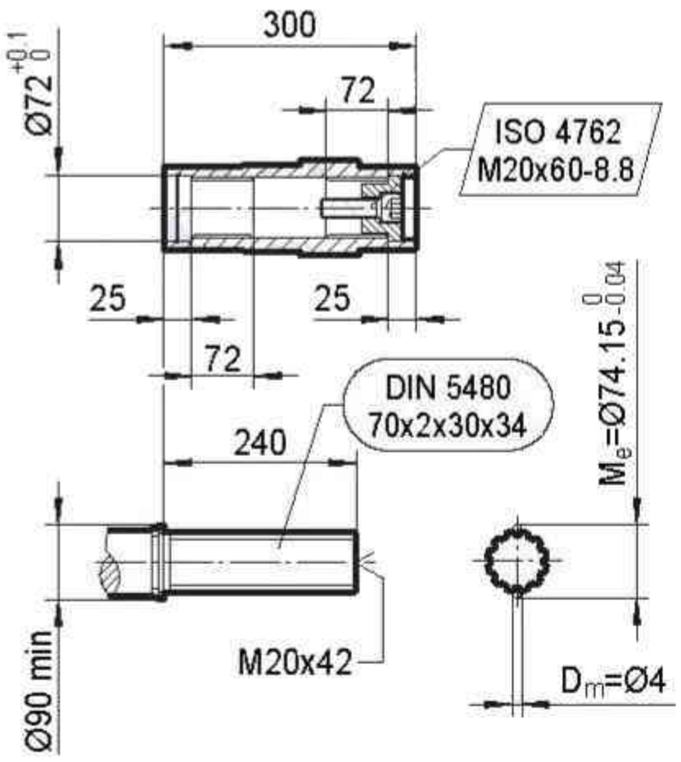


TFVZ98..



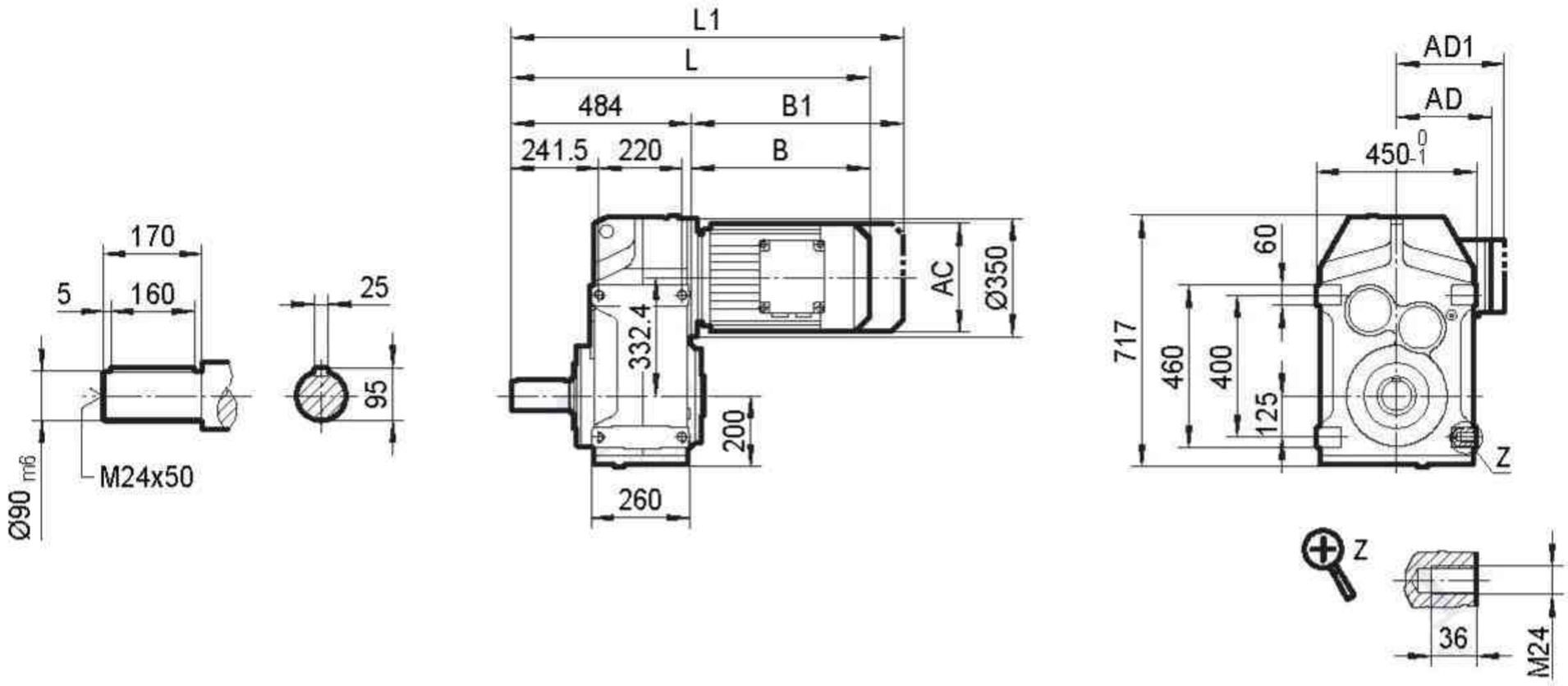




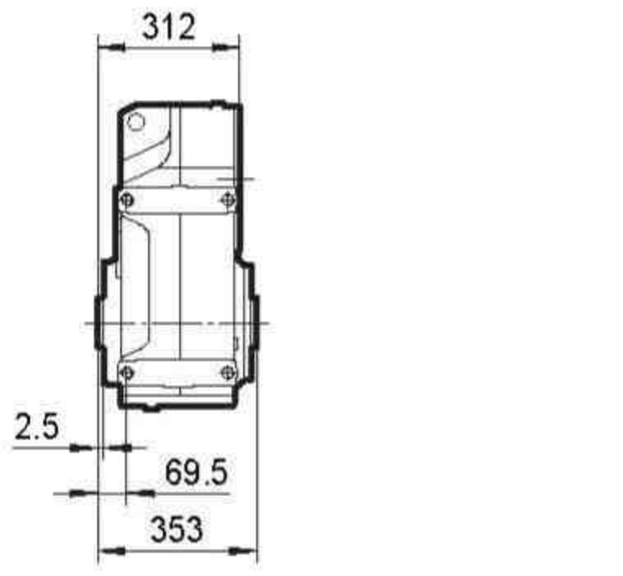


	MY90..	MY100M	MY100L	MY112M	MY132S	MY132M	MY132ML	MY160M	MY160L	MY180..	MY200..
AC	197	197	197	221	221	275	275	275	331	331	394
AD	154	166	166	179	179	230	230	230	258	258	285
AD1	161	166	166	182	182	230	230	230	258	258	285
B	251	301	331	335	380	402	462	462	509	581	629
B1	336	386	416	415	460	514	574	574	665	737	785
L	543	593	623	627	672	694	754	754	801	873	921
L1	628	678	708	707	752	806	866	866	957	1029	1077

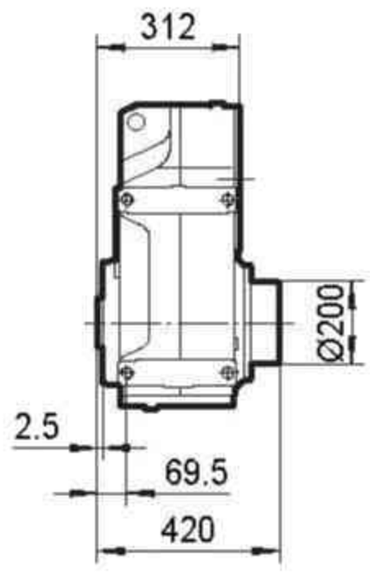
TF108..



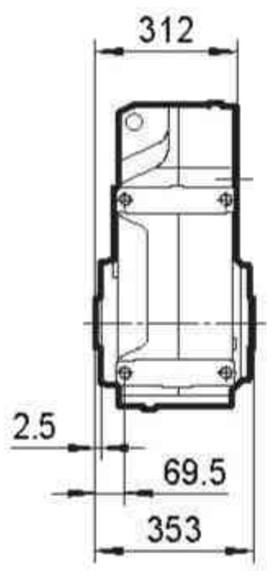
TFA108B..

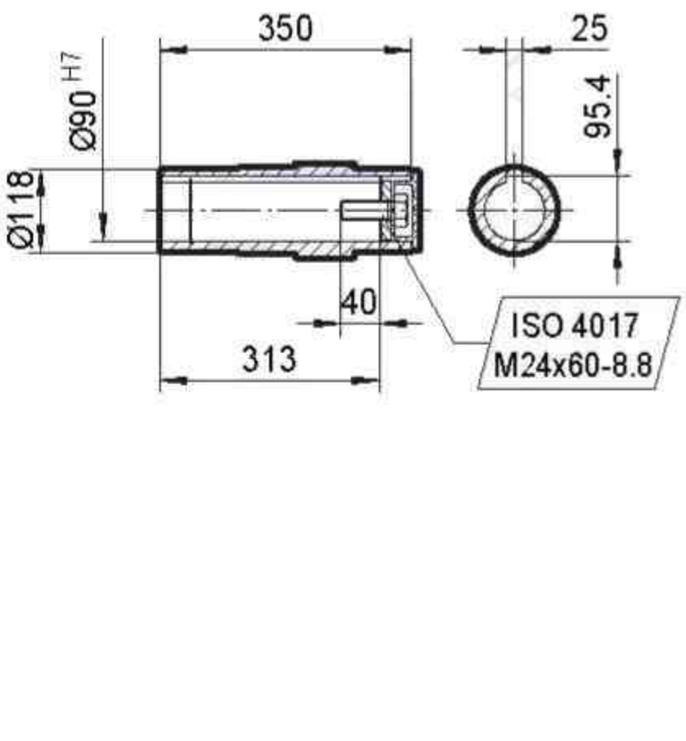


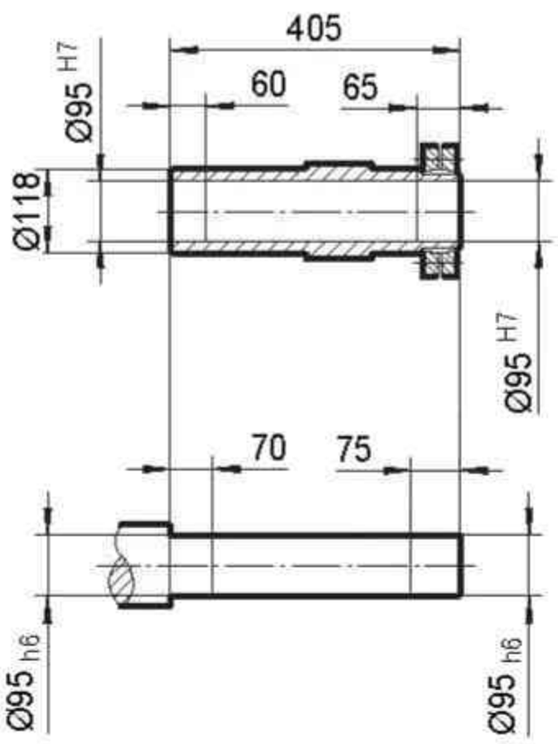
TFH108B..

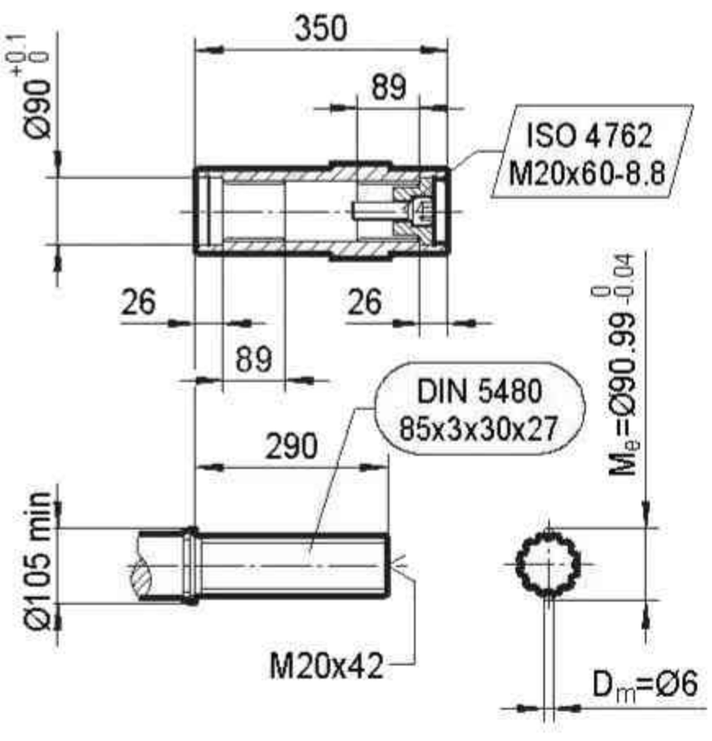


TFV108B..



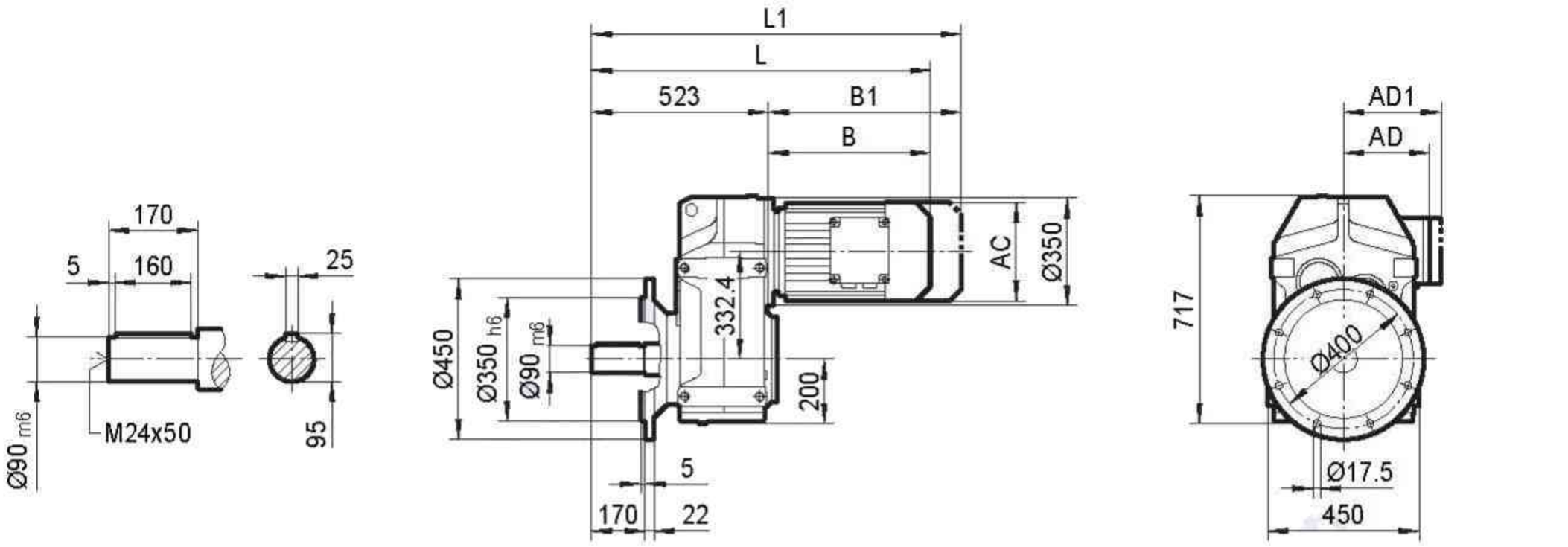




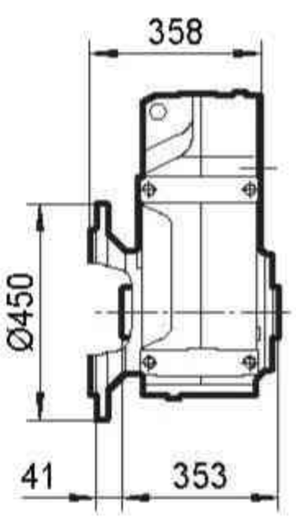


	MY100M	MY100L	MY112M	MY132S	MY132M	MY132ML	MY160M	MY160L	MY180..	MY200..	MY225..
AC	197	197	221	221	275	275	275	331	331	394	394
AD	166	166	179	179	230	230	230	258	258	285	289
AD1	166	166	182	182	230	230	230	258	258	285	289
B	295	325	329	374	396	456	456	503	575	623	705
B1	380	410	409	454	508	568	568	659	731	779	861
L	779	809	813	858	880	940	940	987	1059	1107	1189
L1	864	894	893	938	992	1052	1052	1143	1215	1263	1345

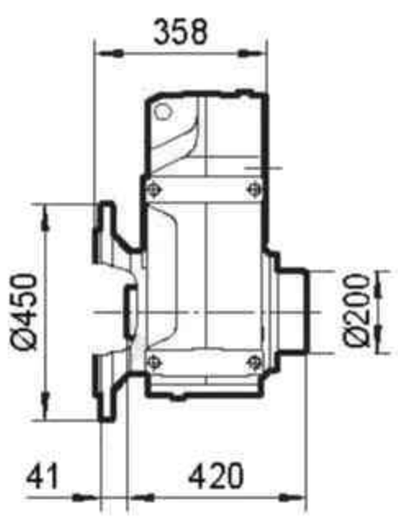
TFF108..



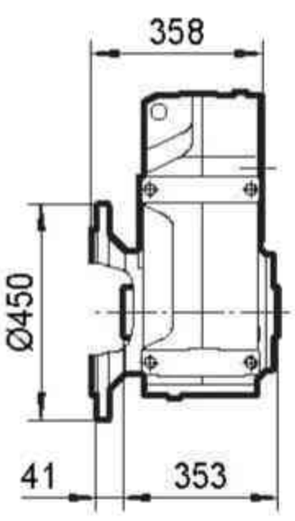
TFAF108..

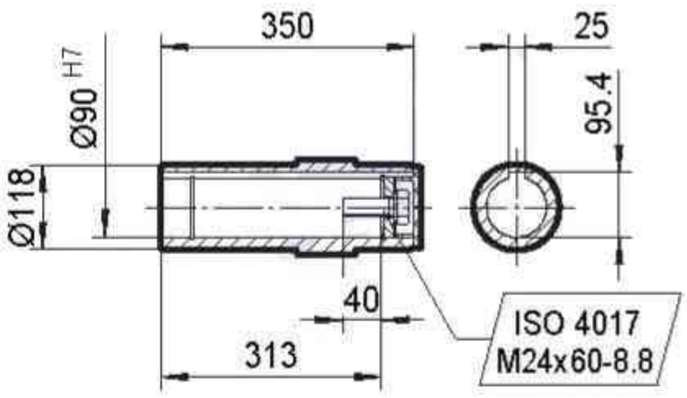


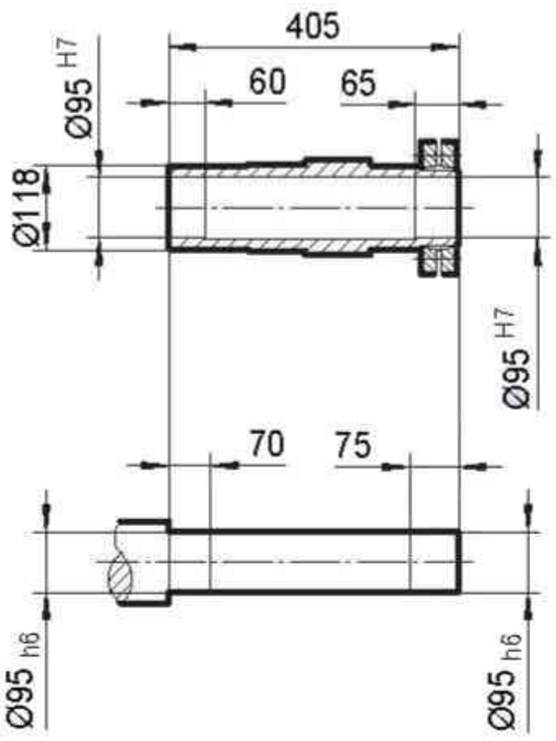
TFHF108..

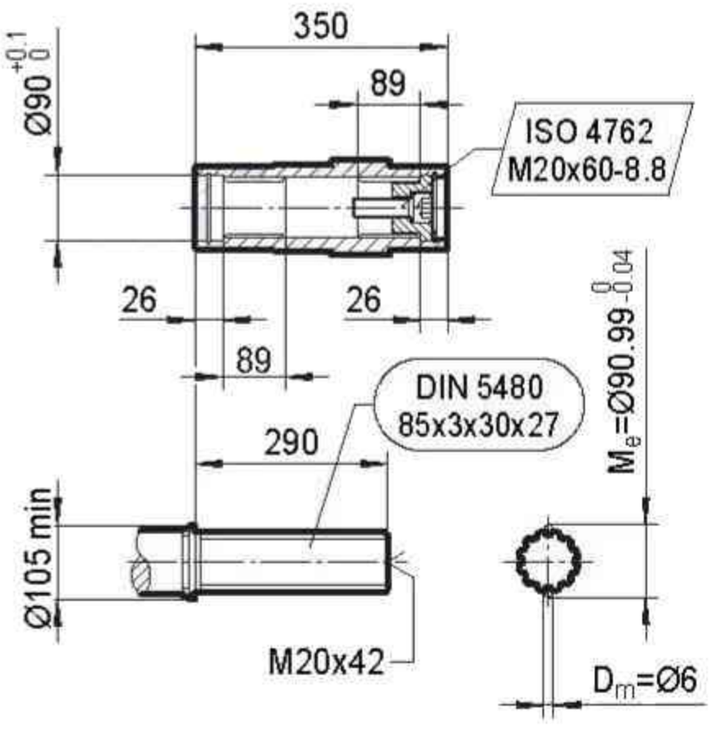


TFVF108..



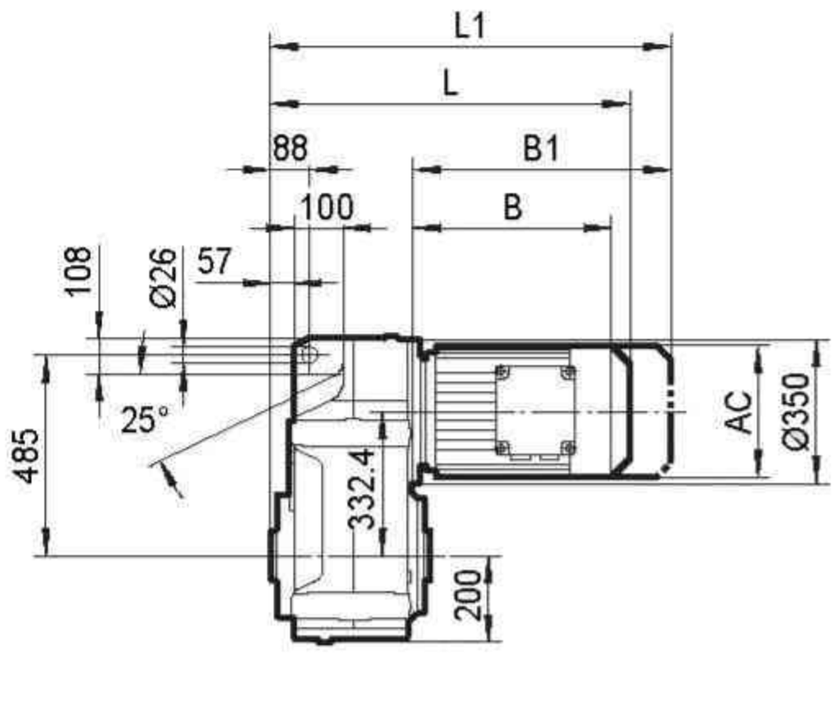


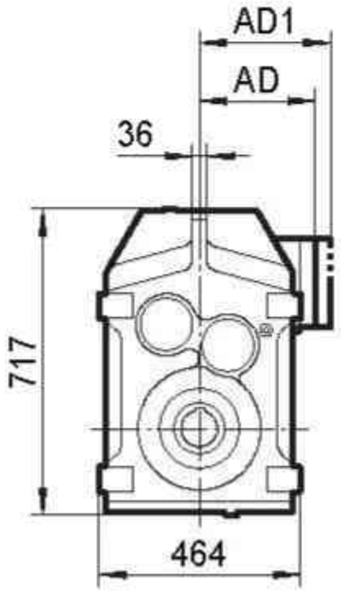




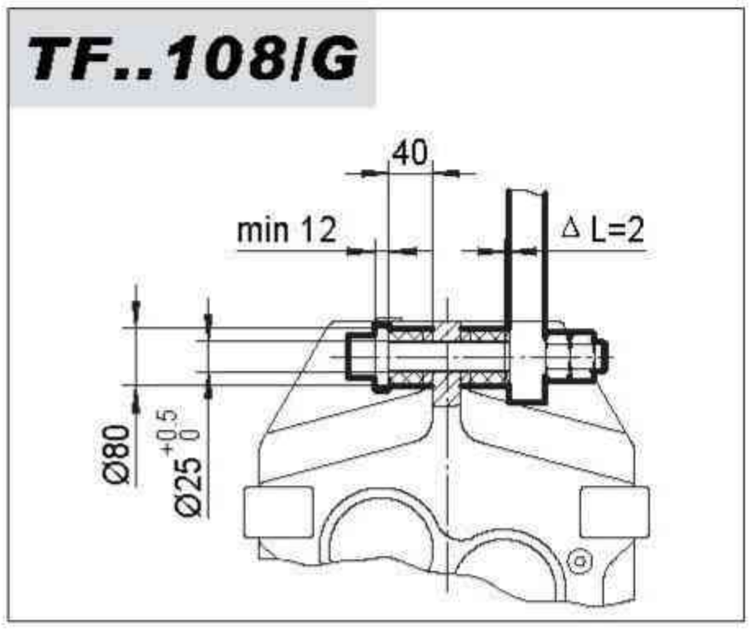
	MY100M	MY100L	MY112M	MY132S	MY132M	MY132ML	MY160M	MY160L	MY180..	MY200..	MY225..
AC	197	197	221	221	275	275	275	331	331	394	394
AD	166	166	179	179	230	230	230	258	258	285	289
AD1	166	166	182	182	230	230	230	258	258	285	289
B	295	325	329	374	396	456	456	503	575	623	705
B1	380	410	409	454	508	568	568	659	731	779	861
L	818	848	852	897	919	979	979	1026	1098	1146	1228
L1	903	933	932	977	1031	1091	1091	1182	1254	1302	1384

TFA108..

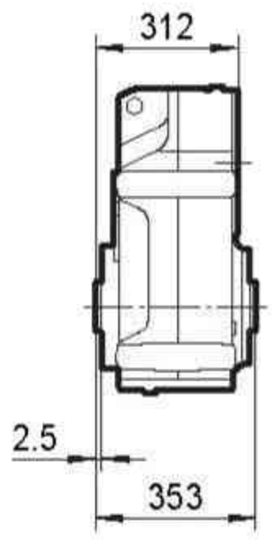


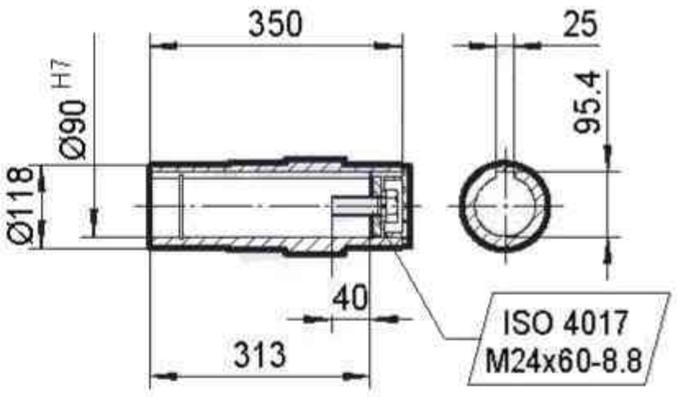


TF..108/G

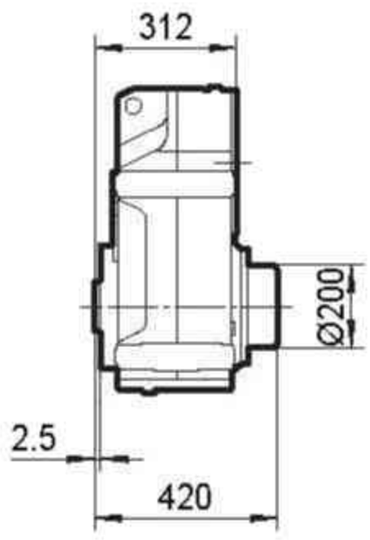


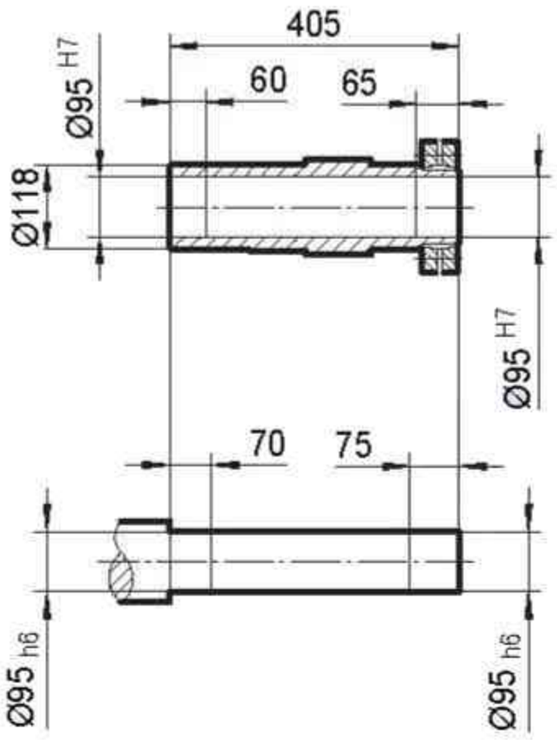
TFA108..



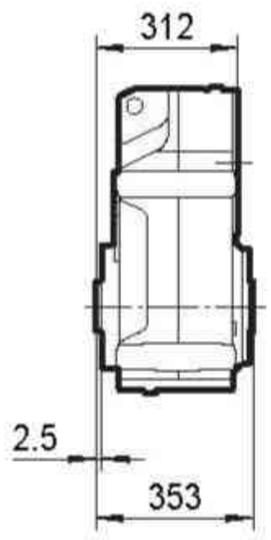


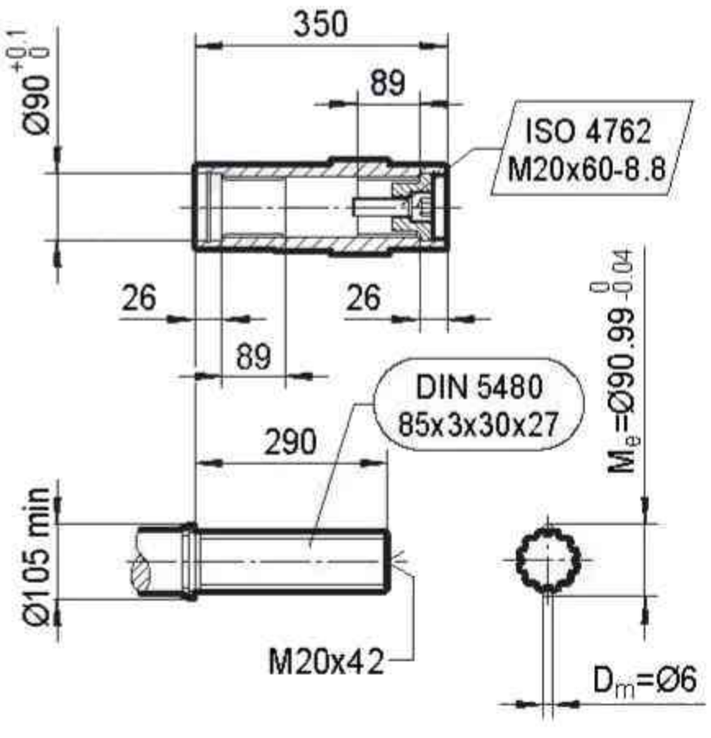
TFH108..





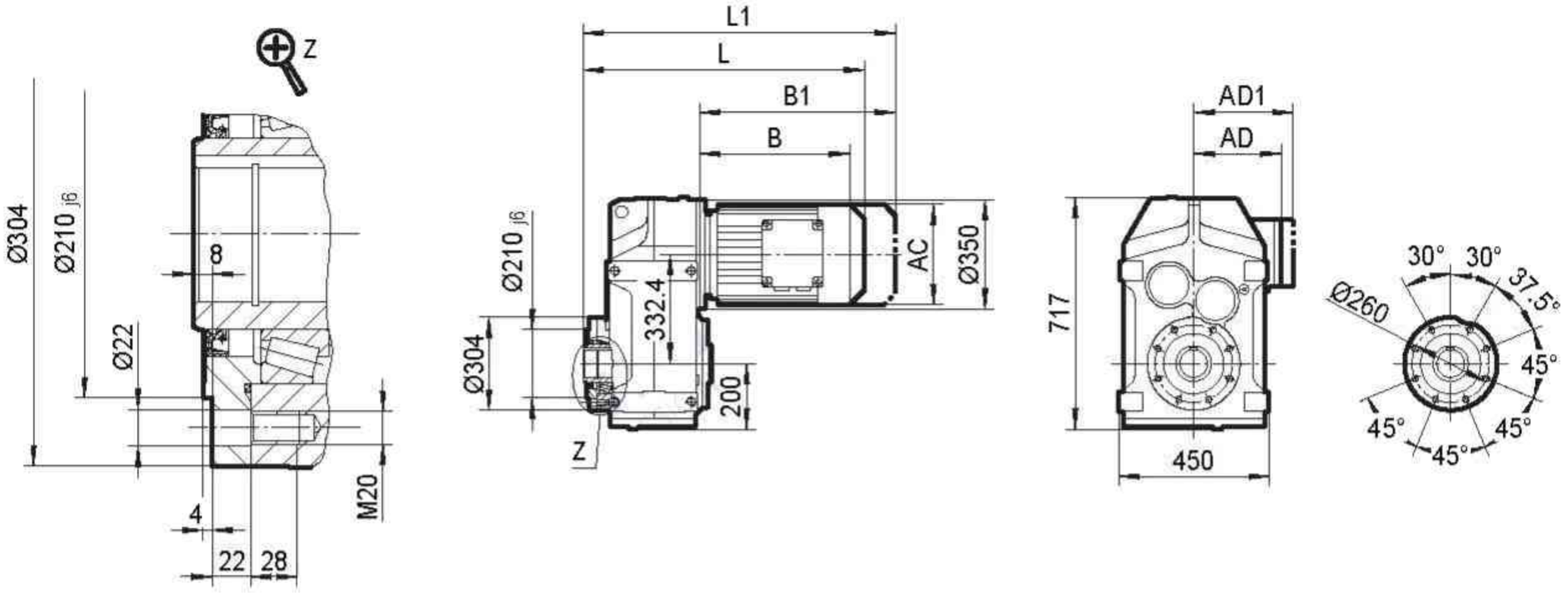
TFV108..



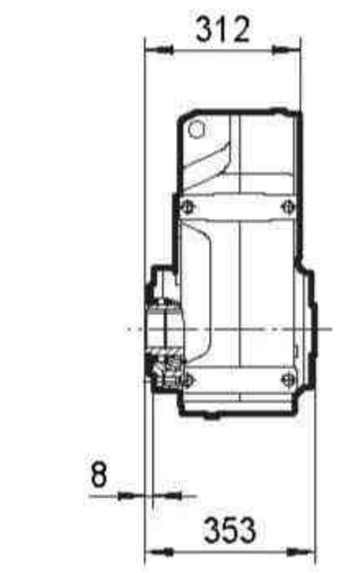


	MY100M	MY100L	MY112M	MY132S	MY132M	MY132ML	MY160M	MY160L	MY180..	MY200..	MY225..
AC	197	197	221	221	275	275	275	331	331	394	394
AD	166	166	179	179	230	230	230	258	258	285	289
AD1	166	166	182	182	230	230	230	258	258	285	289
B	295	325	329	374	396	456	456	503	575	623	705
B1	380	410	409	454	508	568	568	659	731	779	861
L	607	637	641	686	708	768	768	815	887	935	1017
L1	692	722	721	766	820	880	880	971	1043	1091	1173

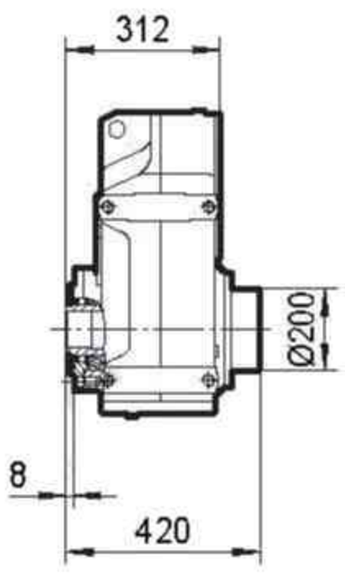
TFAZ108..



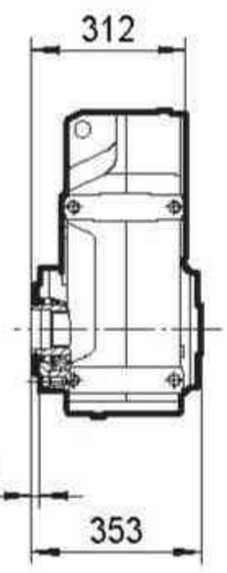
TFAZ108..

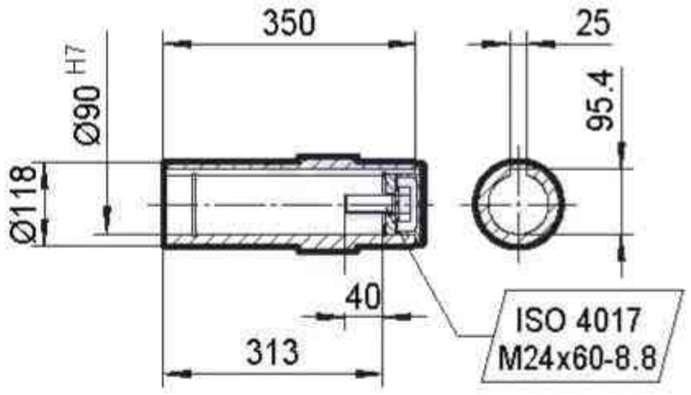


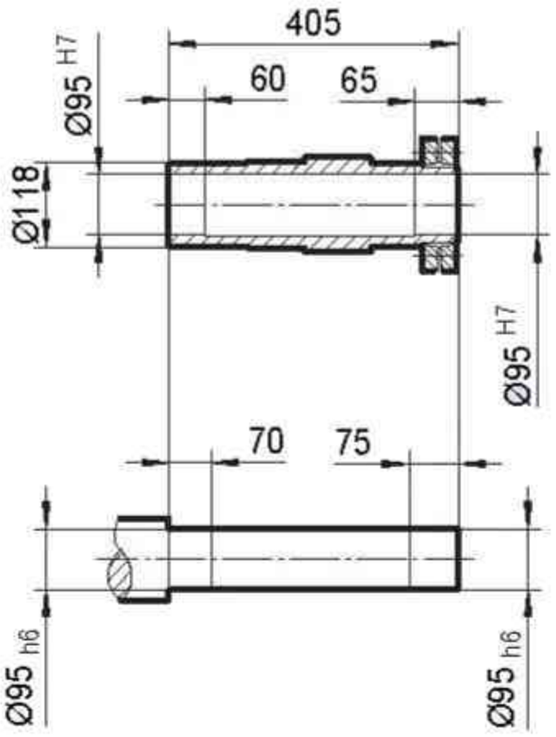
TFHZ108..

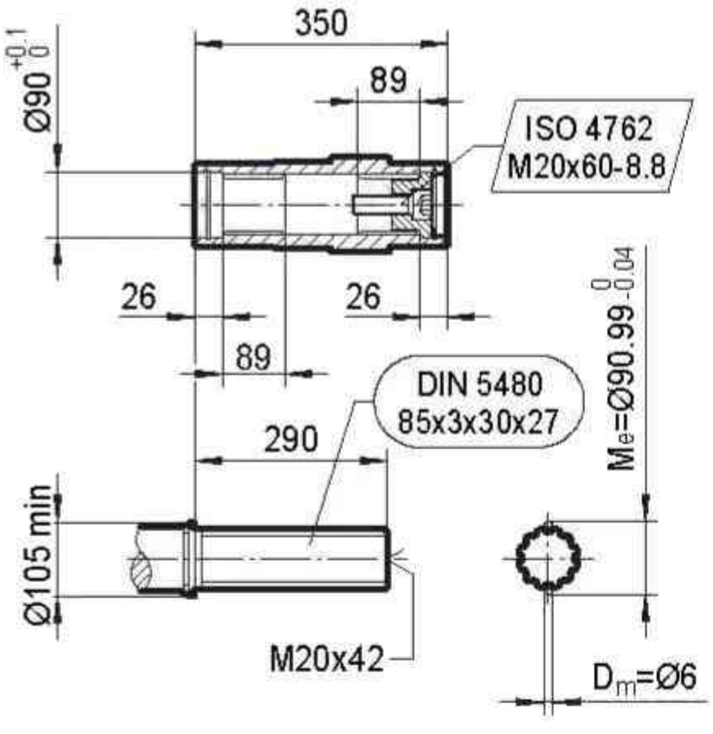


TFVZ108..



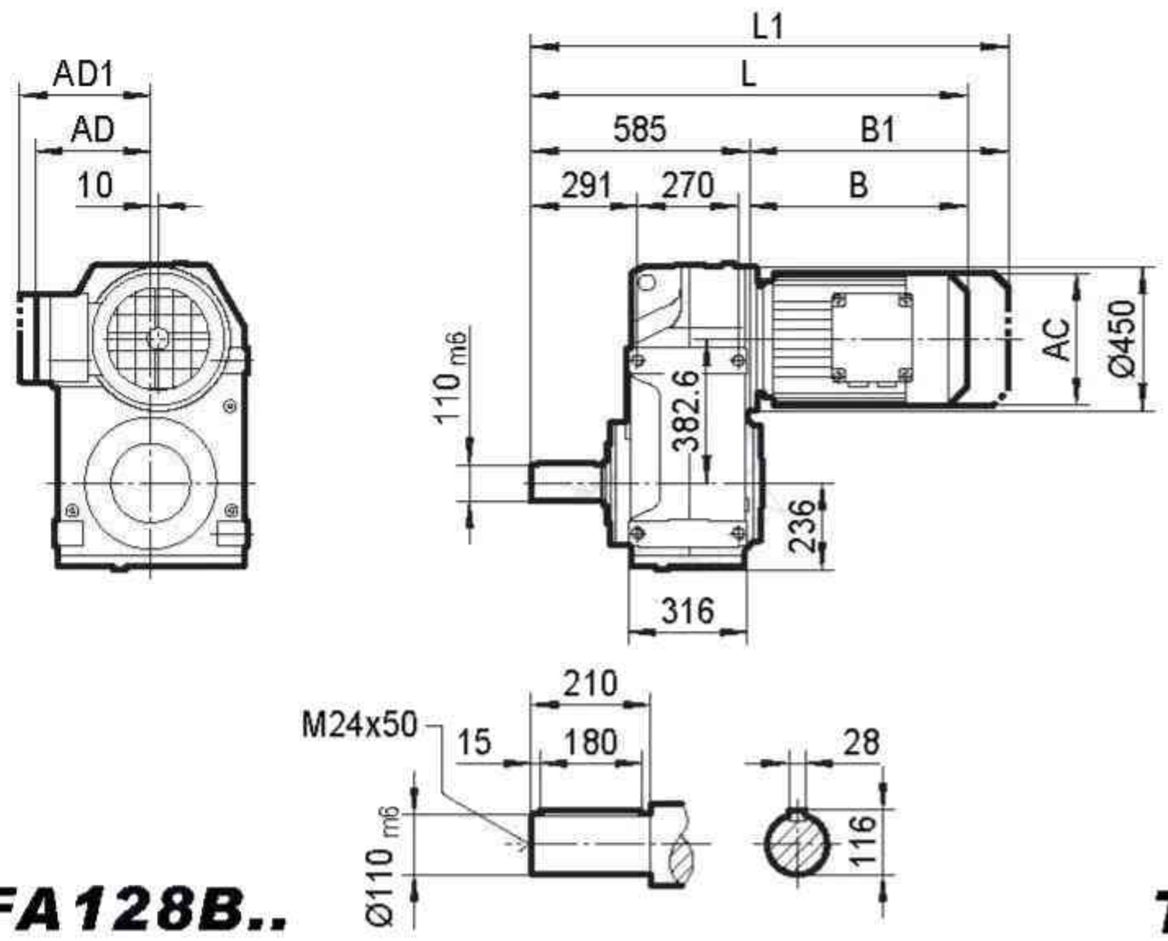






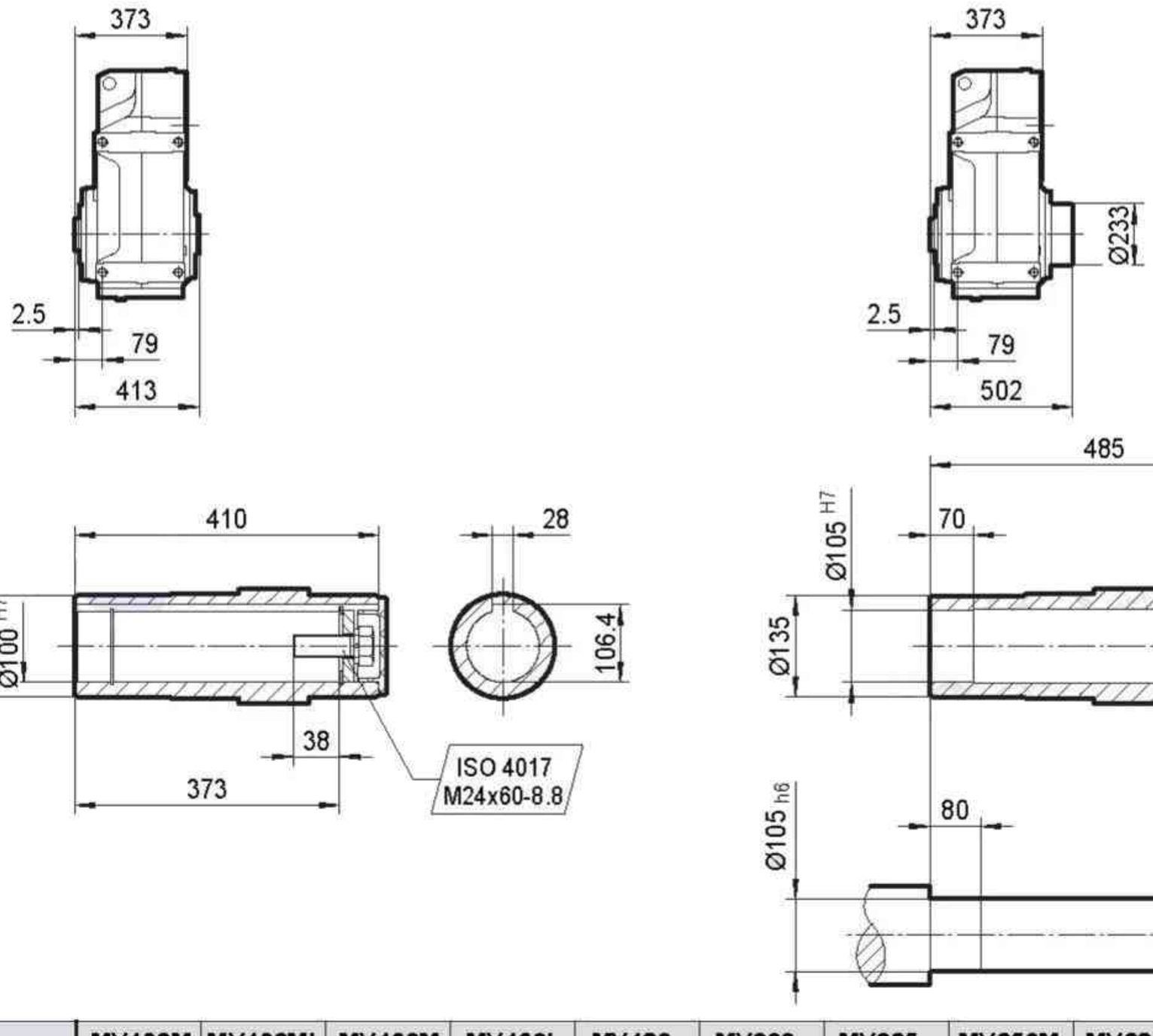
	MY100M	MY100L	MY112M	MY132S	MY132M	MY132ML	MY160M	MY160L	MY180..	MY200..	MY225..
AC	197	197	221	221	275	275	275	331	331	394	394
AD	166	166	179	179	230	230	230	258	258	285	289
AD1	166	166	182	182	230	230	230	258	258	285	289
B	295	325	329	374	396	456	456	503	575	623	705
B1	380	410	409	454	508	568	568	659	731	779	861
L	607	637	641	686	708	768	768	815	887	935	1017
L1	692	722	721	766	820	880	880	971	1043	1091	1173

TF128..



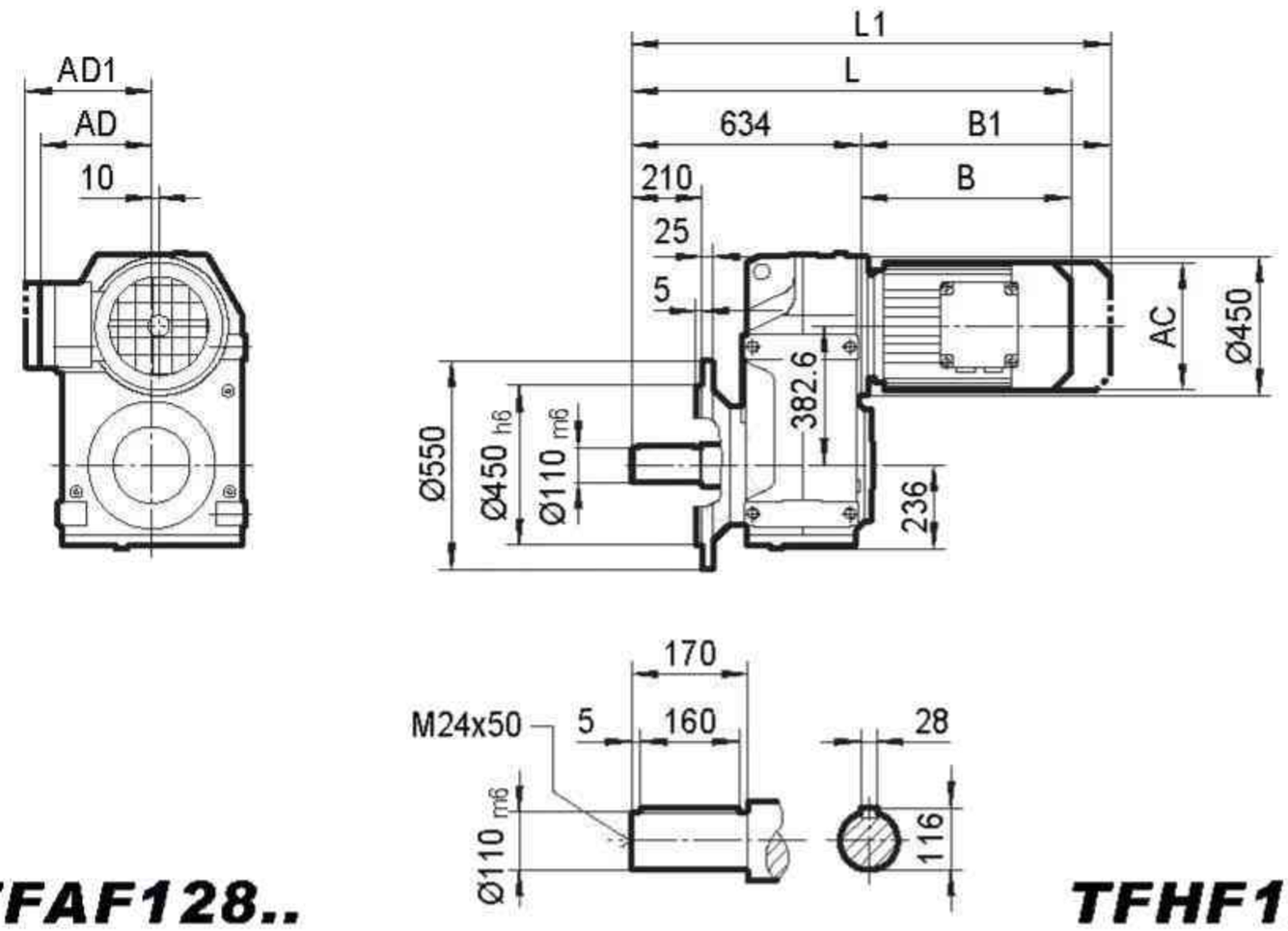
TFA128B..

TFH128B..

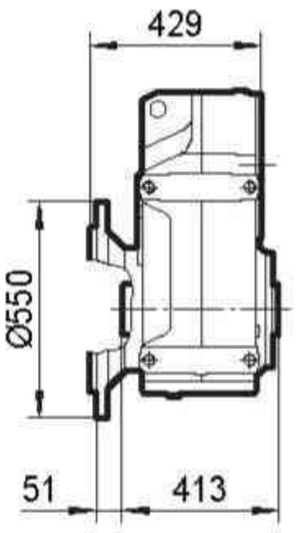


	MY132M	MY132ML	MY160M	MY160L	MY180..	MY200..	MY225..	MY250M	MY280..		
AC	275	275	275	331	331	394	394	510	510		
AD	230	230	230	258	258	285	289	397	397		
AD1	230	230	230	258	258	285	289	397	397		
B	381	441	441	488	560	608	690	780	780		
B1	493	553	553	644	716	764	846	965	965		
L	966	1026	1026	1073	1145	1193	1275	1365	1365		
L1	1078	1138	1138	1229	1301	1349	1431	1550	1550		

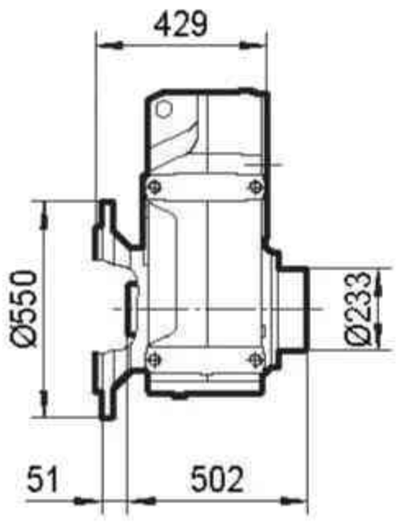
TFF128..

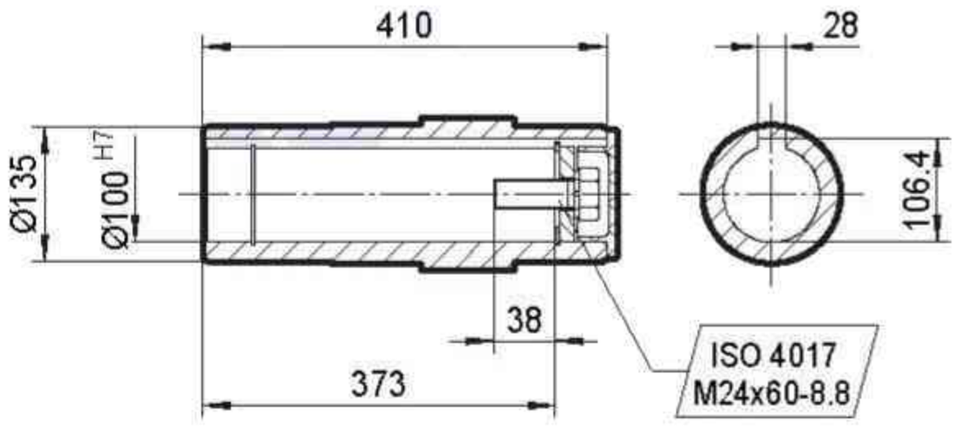


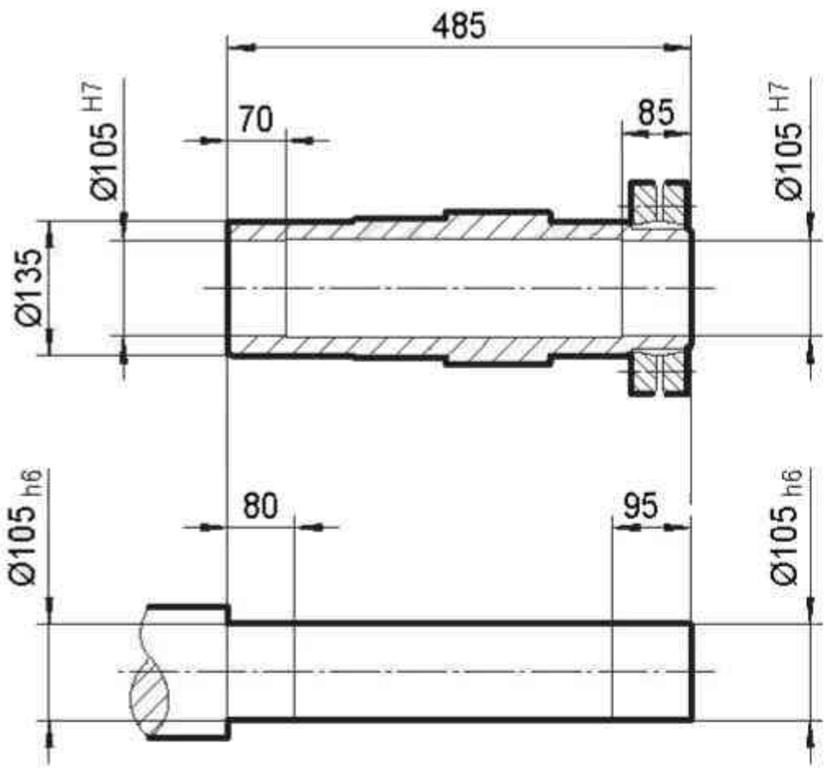
TFAF128..



TFHF128..

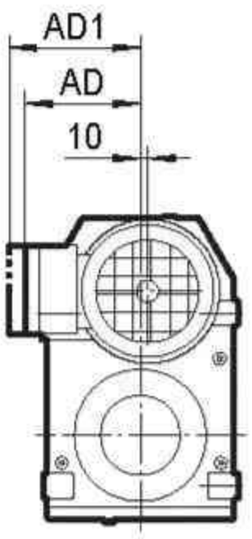


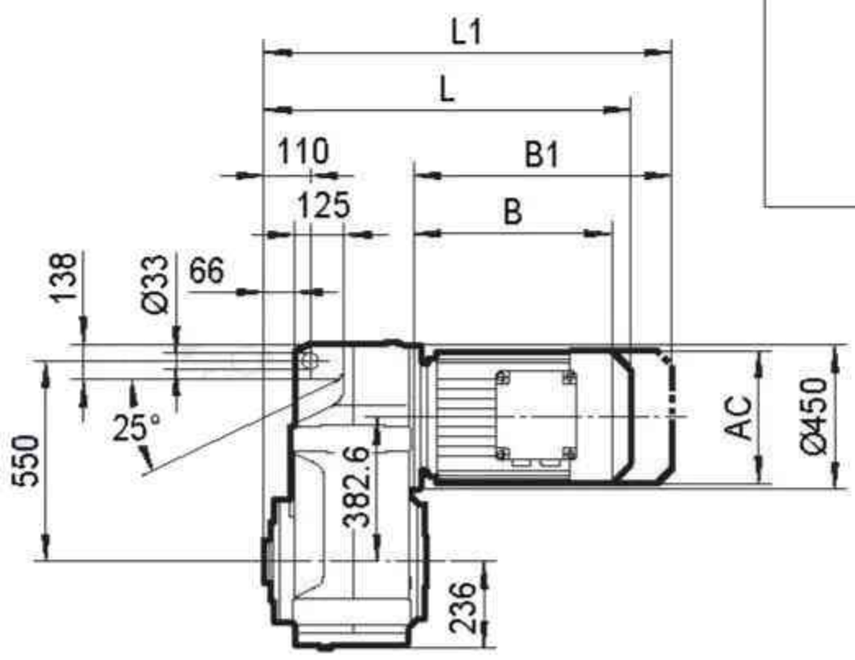




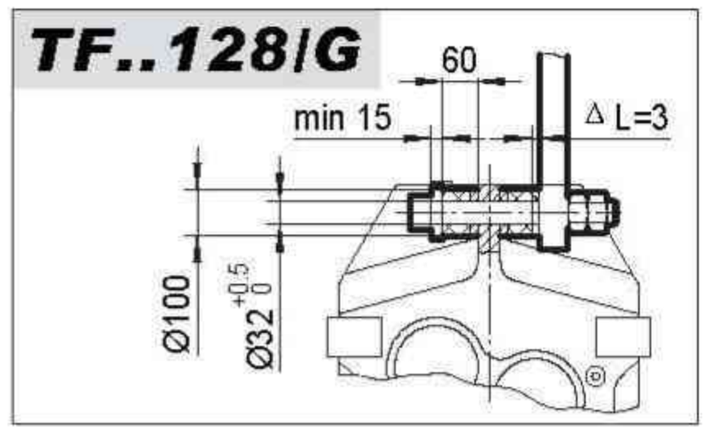
	MY132M	MY132ML	MY160M	MY160L	MY180..	MY200..	MY225..	MY250M	MY280..		
AC	275	275	275	331	331	394	394	510	510		
AD	230	230	230	258	258	285	289	397	397		
AD1	230	230	230	258	258	285	289	397	397		
B	381	441	441	488	560	608	690	780	780		
B1	493	553	553	644	716	764	846	965	965		
L	1015	1075	1075	1122	1194	1242	1324	1414	1414		
L1	1127	1187	1187	1278	1350	1398	1480	1599	1599		

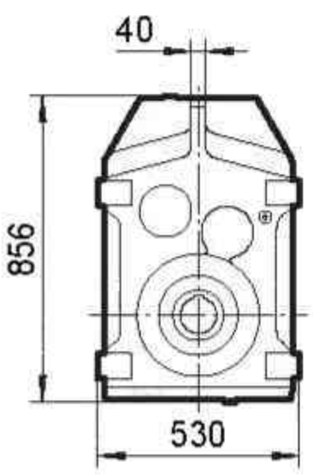
TFA128..



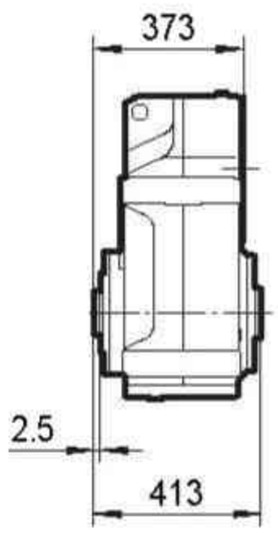


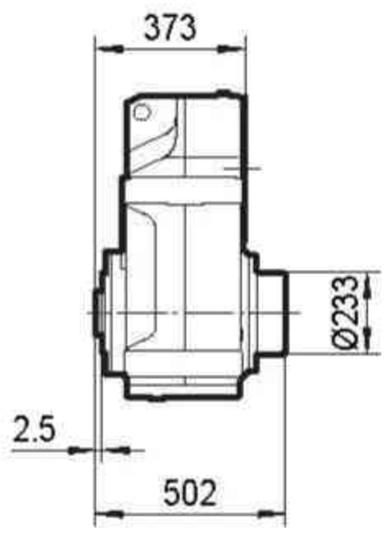
TFA128..

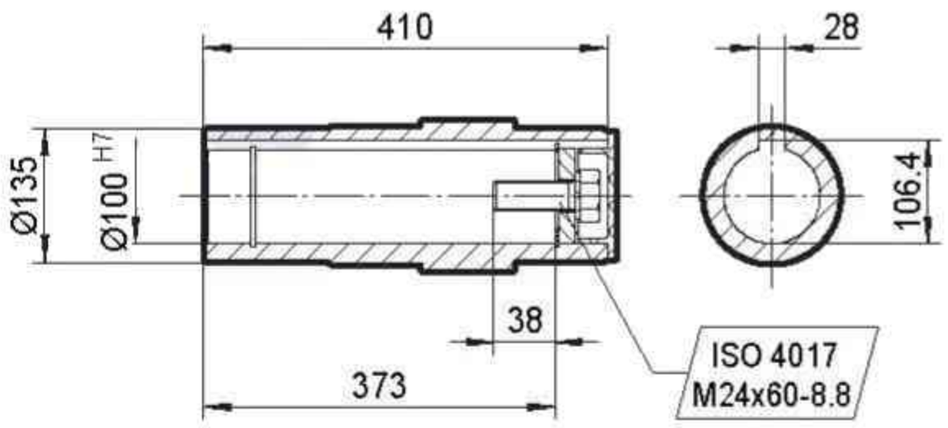


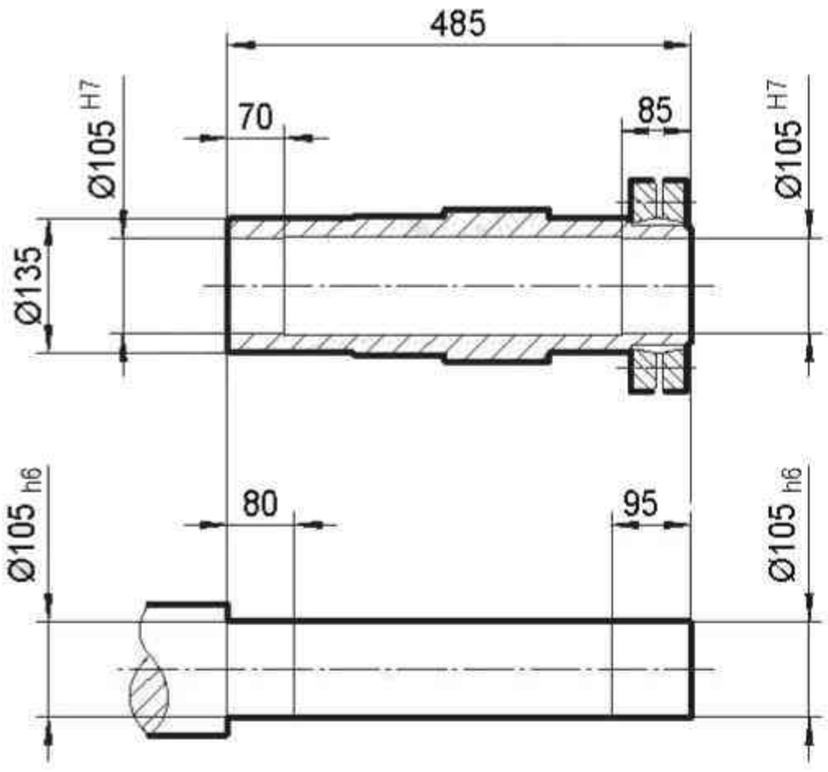


TFH128..



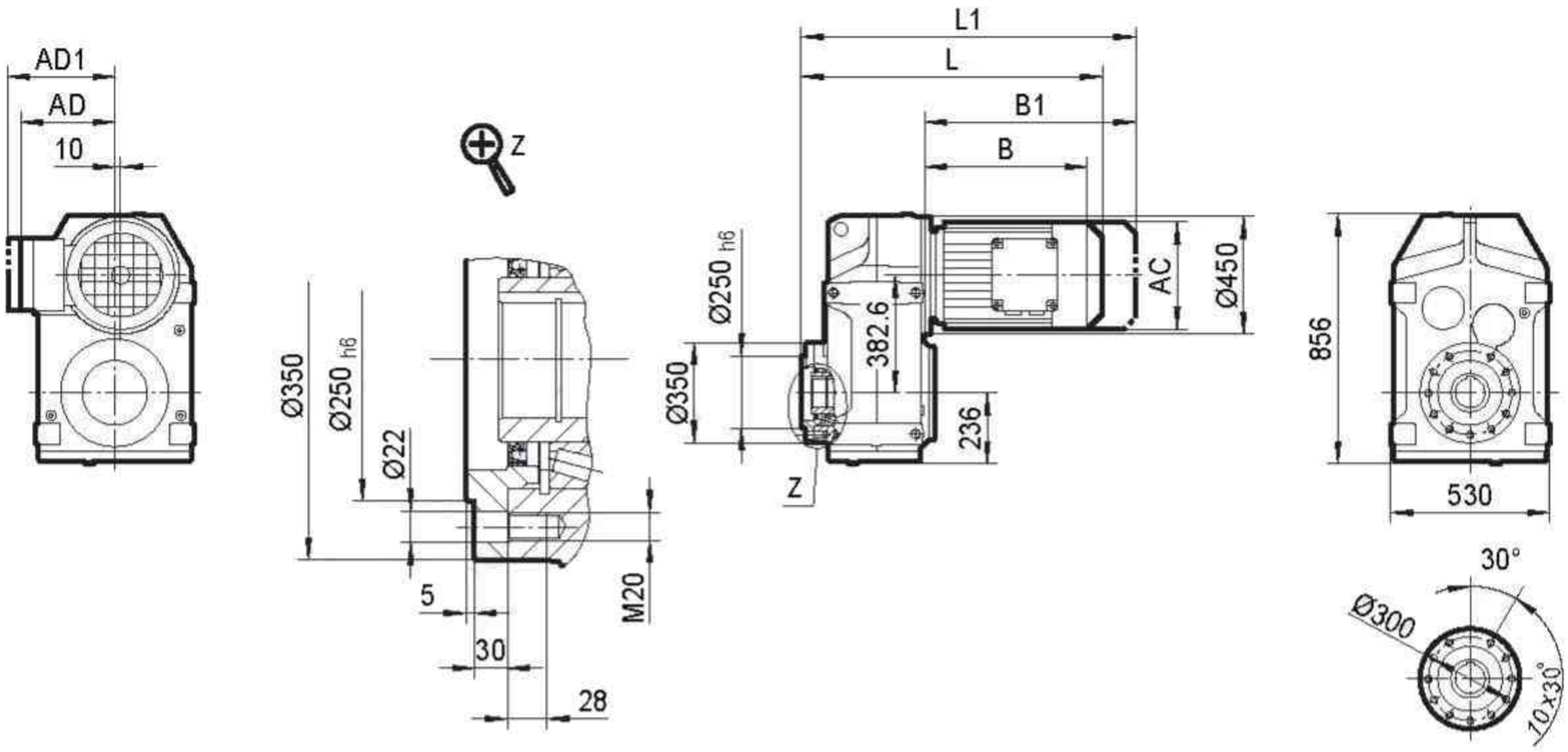




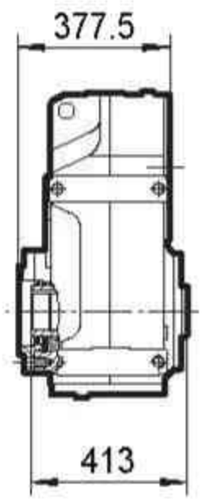


	MY132M	MY132ML	MY160M	MY160L	MY180..	MY200..	MY225..	MY250M	MY280..		
AC	275	275	275	331	331	394	394	510	510		
AD	230	230	230	258	258	285	289	397	397		
AD1	230	230	230	258	258	285	289	397	397		
B	381	441	441	488	560	608	690	780	780		
B1	493	553	553	644	716	764	846	965	965		
L	754	814	814	861	933	981	1063	1153	1153		
L1	866	926	926	1017	1089	1137	1219	1338	1338		

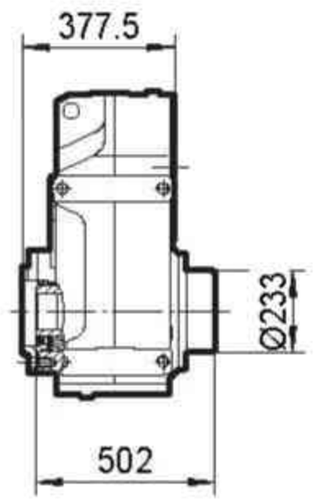
TFAZ128..

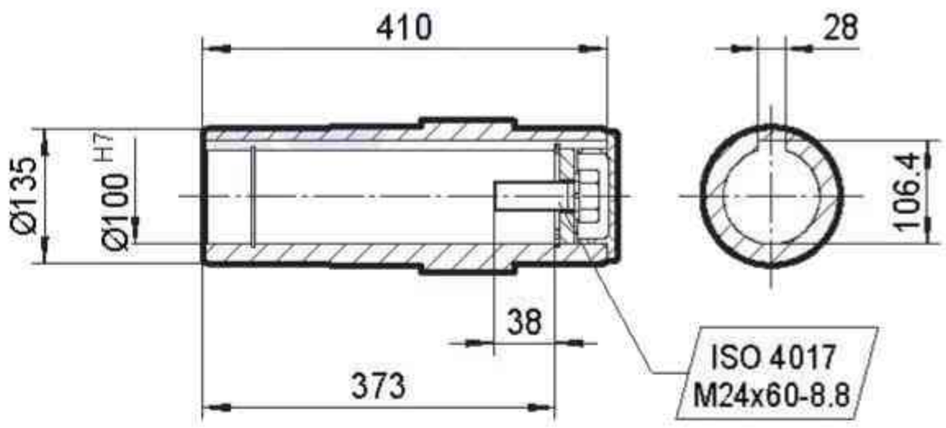


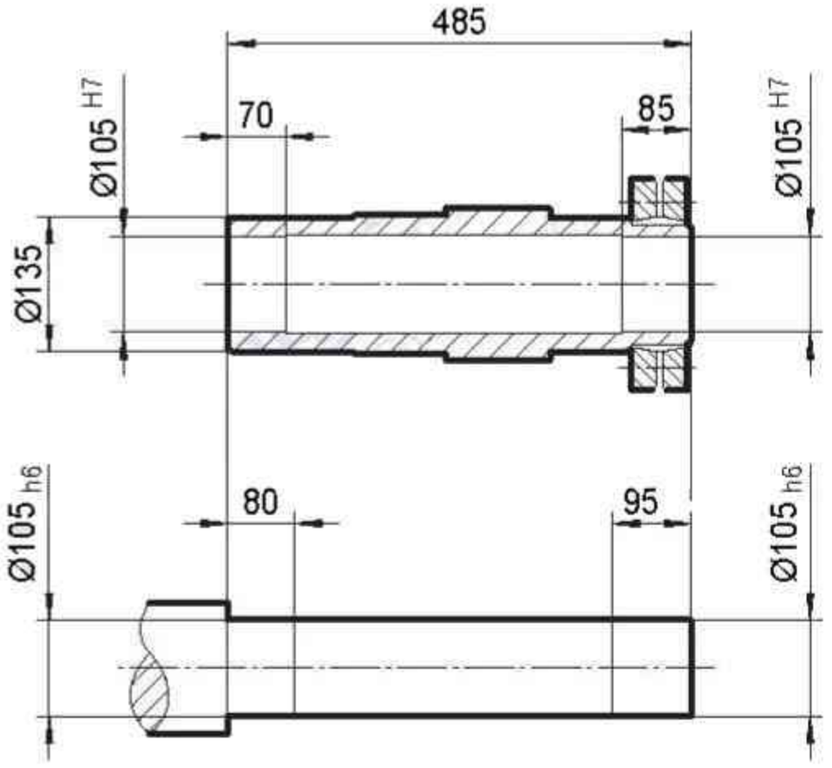
TFAZ128..



TFHZ128..

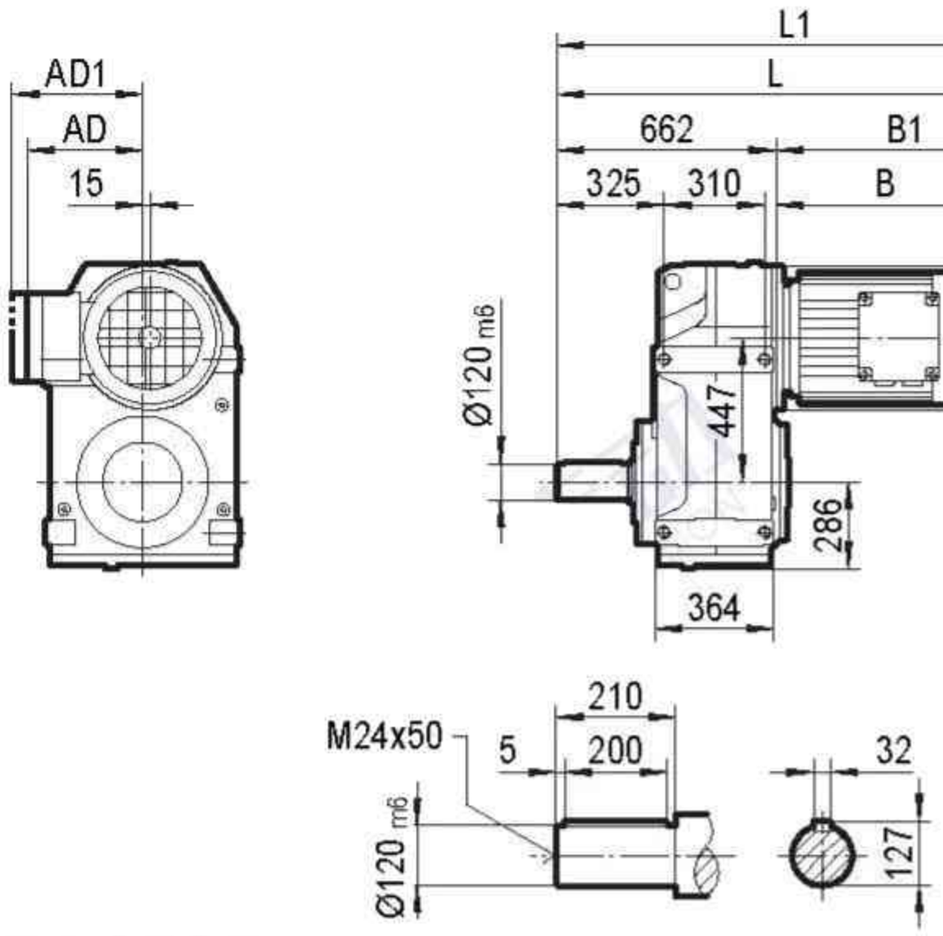




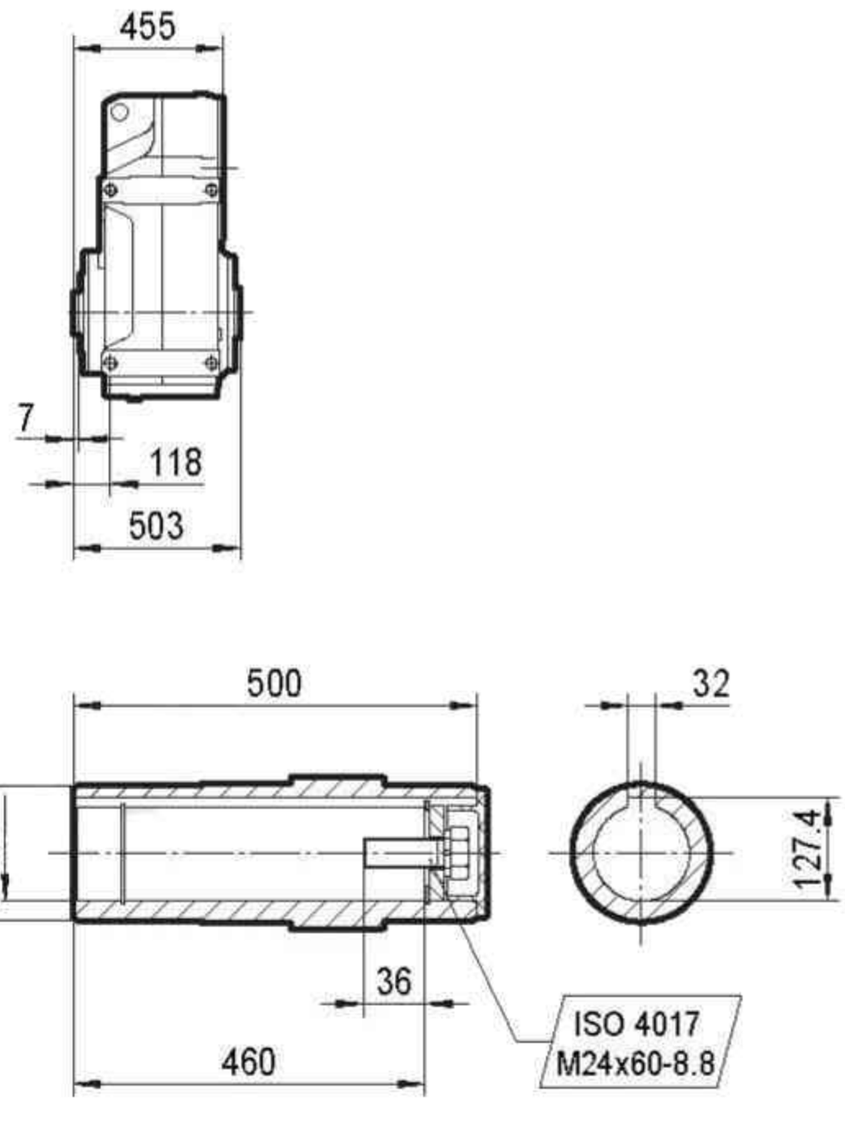


	MY132M	MY132ML	MY160M	MY160L	MY180..	MY200..	MY225..	MY250M	MY280..		
AC	275	275	275	331	331	394	394	510	510		
AD	230	230	230	258	258	285	289	397	397		
AD1	230	230	230	258	258	285	289	397	397		
B	381	441	441	488	560	608	690	780	780		
B1	493	553	553	644	716	764	846	965	965		
L	759	819	819	866	938	986	1068	1158	1158		
L1	871	931	931	1022	1094	1142	1224	1342	1342		

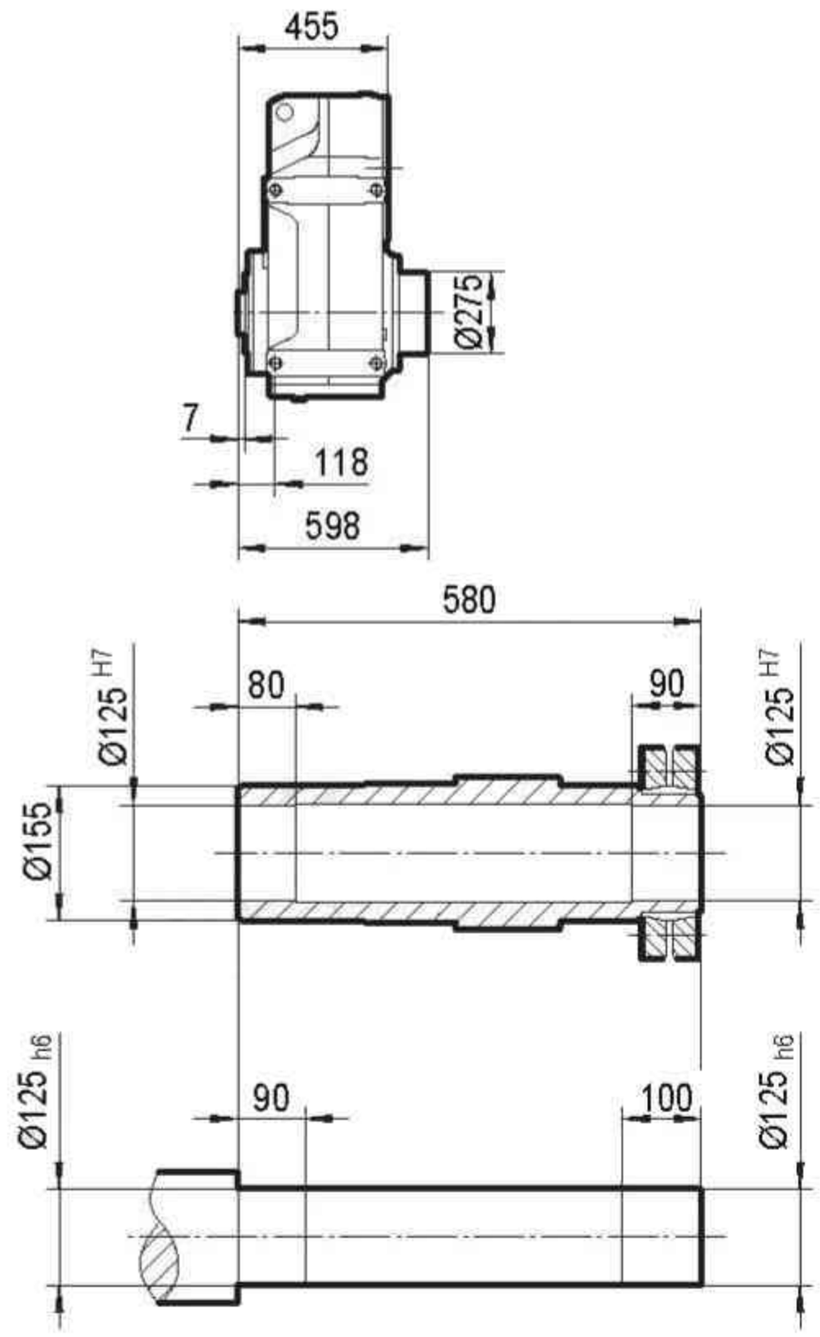
TF158..



TFA158B..

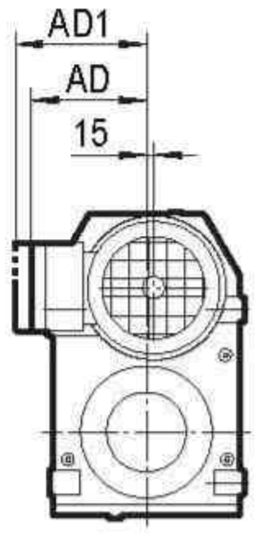


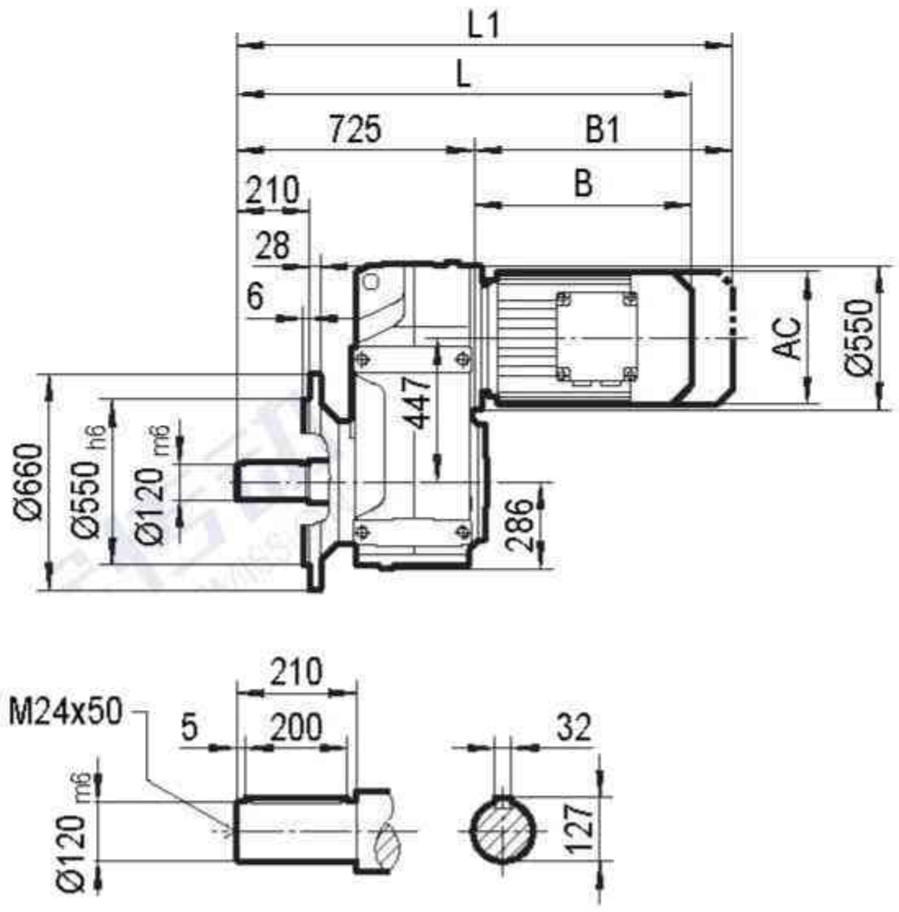
TFH158B..

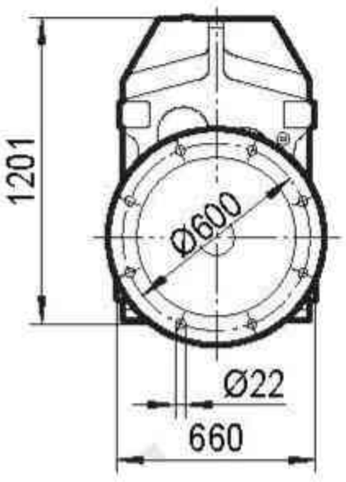


	MY160M	MY160L	MY180..	MY200..	MY225..	MY250M	MY280..	MY315S	MY315M		
AC	275	331	331	394	394	510	510	612	612		
AD	230	258	258	285	289	397	397	430	430		
AD1	230	258	258	285	289	397	397	430	430		
B	433	480	552	600	682	771	771	999	1050		
B1	545	636	708	756	838	956	956	1210	1261		
L	1095	1142	1214	1262	1344	1433	1433	1661	1712		
L1	1207	1298	1370	1418	1500	1618	1618	1872	1923		

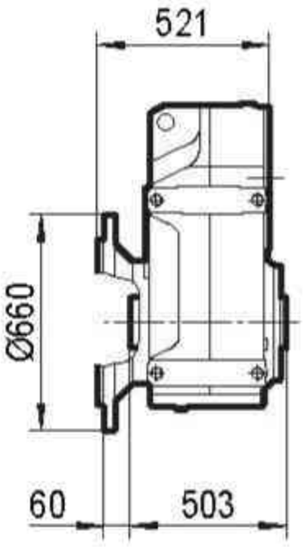
TFF158..

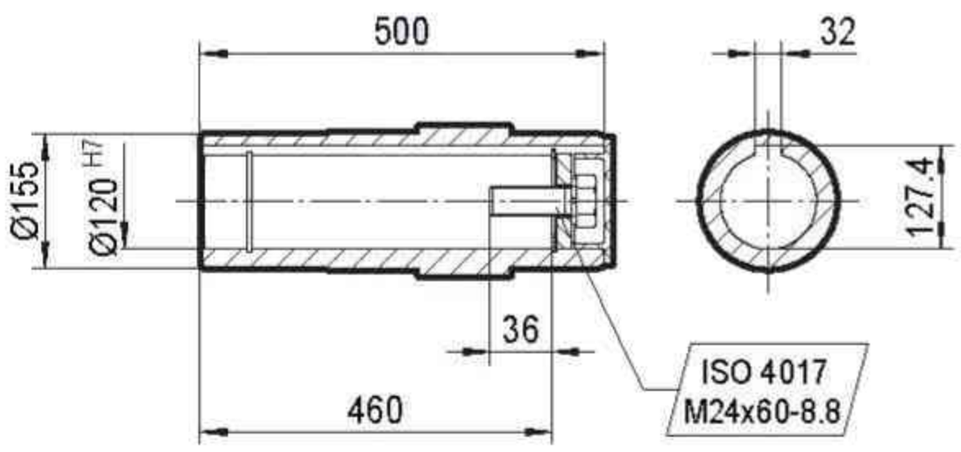




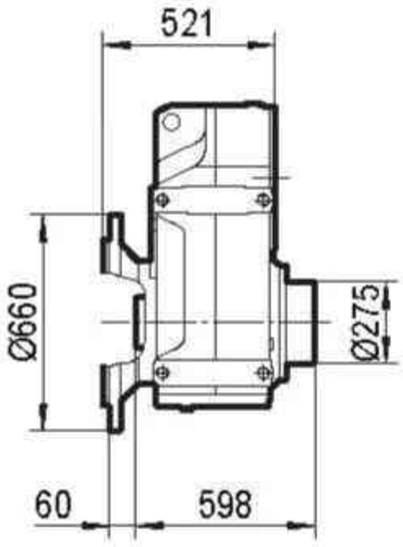


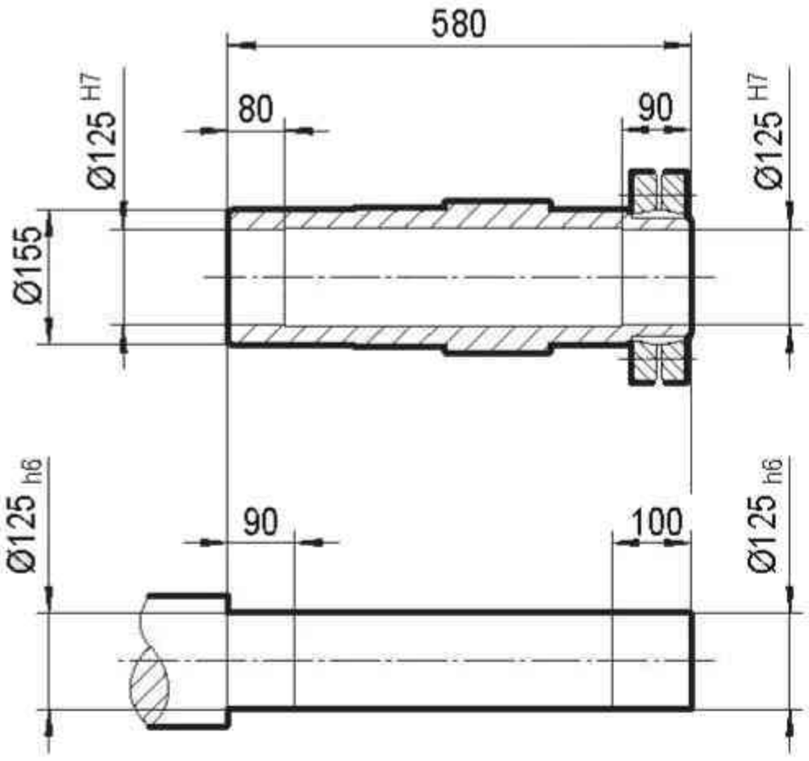
TFAF158..





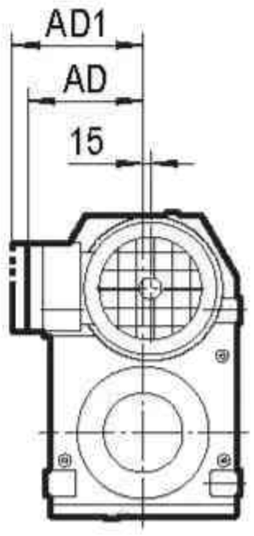
TFHF158..

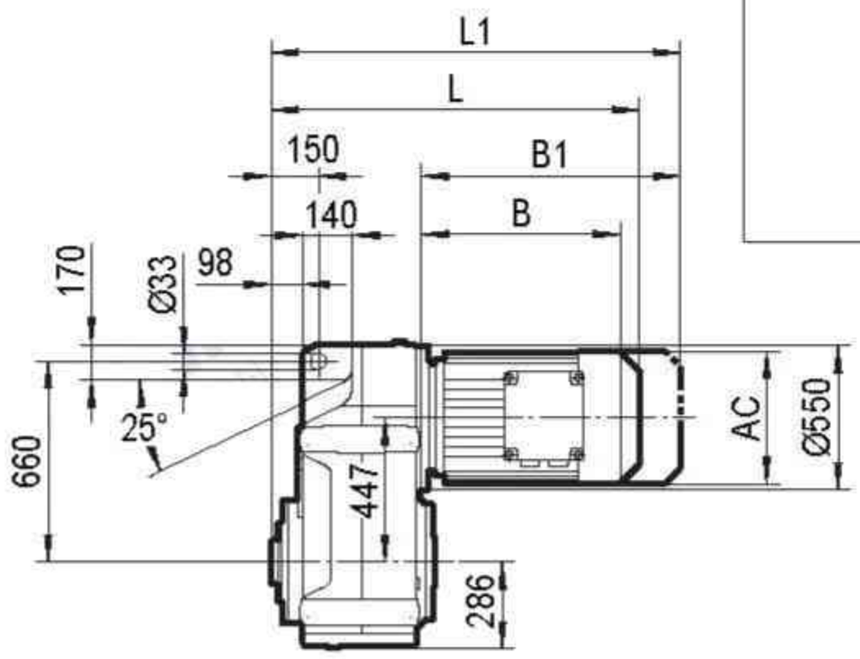


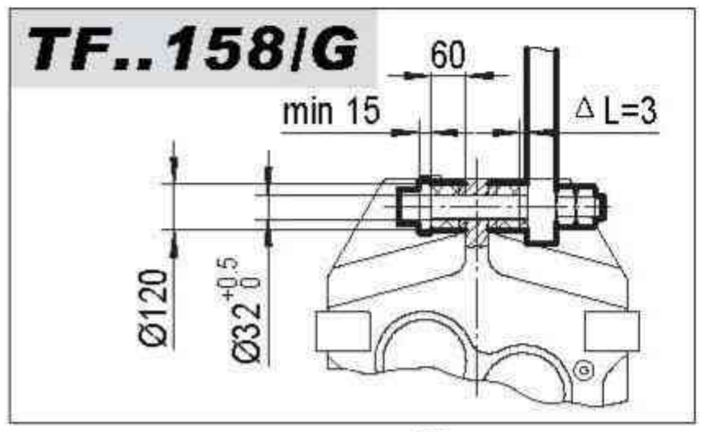


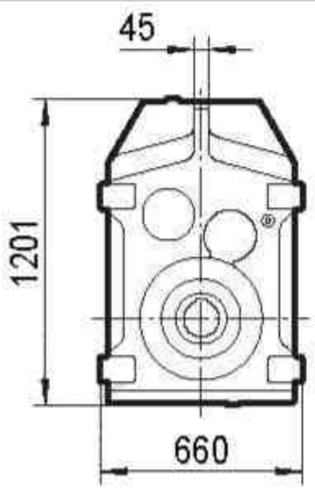
	MY160M	MY160L	MY180..	MY200..	MY225..	MY250M	MY280..	MY315S	MY315M		
AC	275	331	331	394	394	510	510	612	612		
AD	230	258	258	285	289	397	397	430	430		
AD1	230	258	258	285	289	397	397	430	430		
B	433	480	552	600	682	771	771	999	1050		
B1	545	636	708	756	838	956	956	1210	1261		
L	1158	1205	1277	1325	1407	1496	1496	1724	1775		
L1	1270	1361	1433	1481	1563	1681	1681	1935	1986		

TFA158..

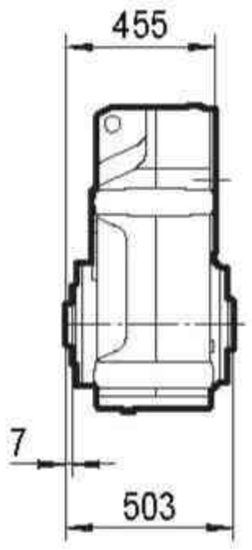




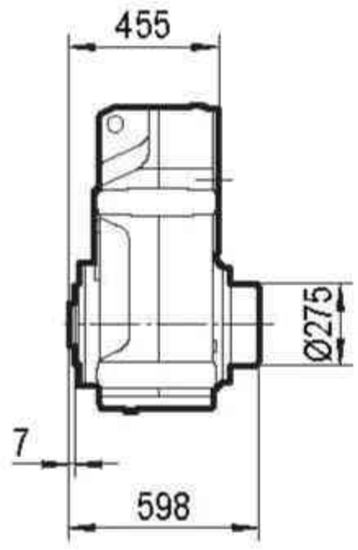




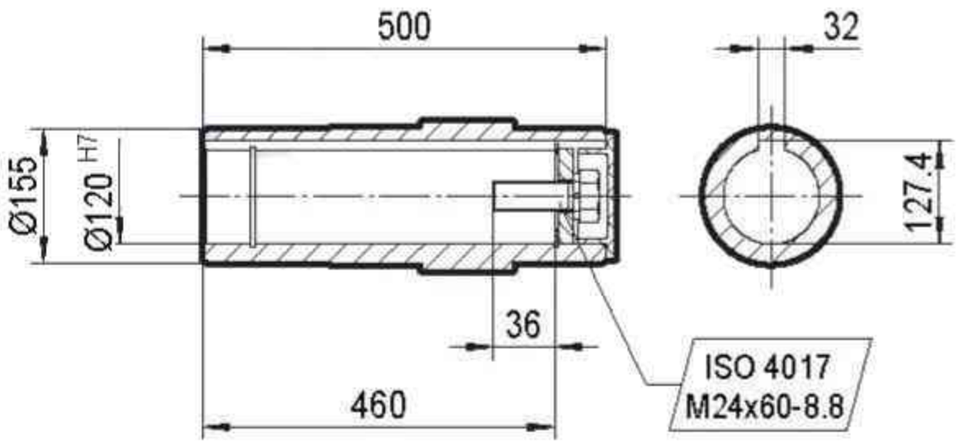
TFA158..

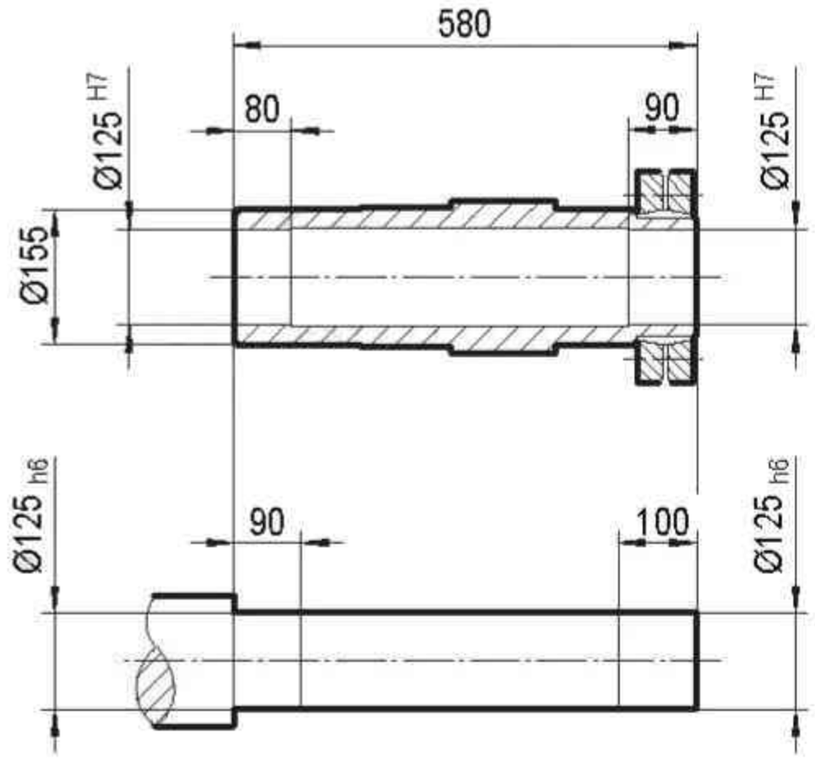


TFH158..



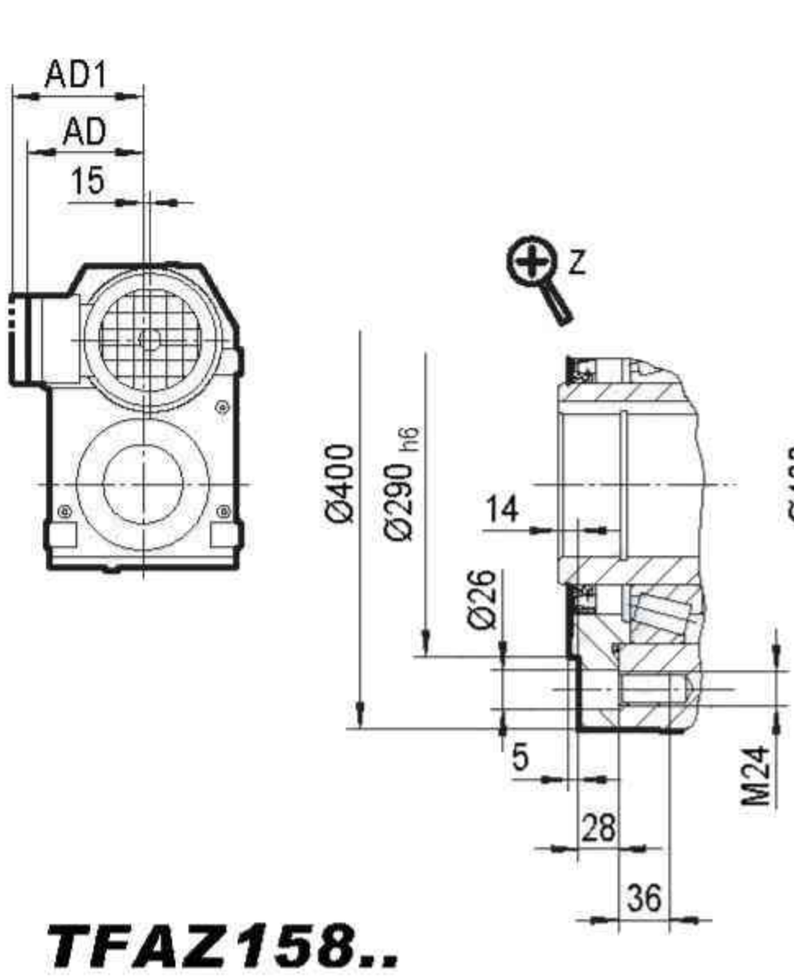
TF../TRF..MY..



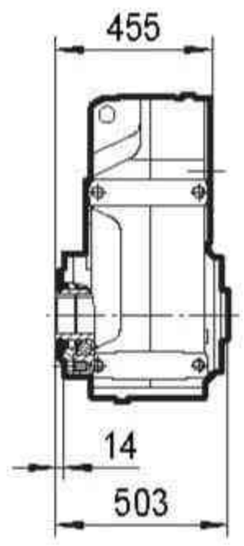


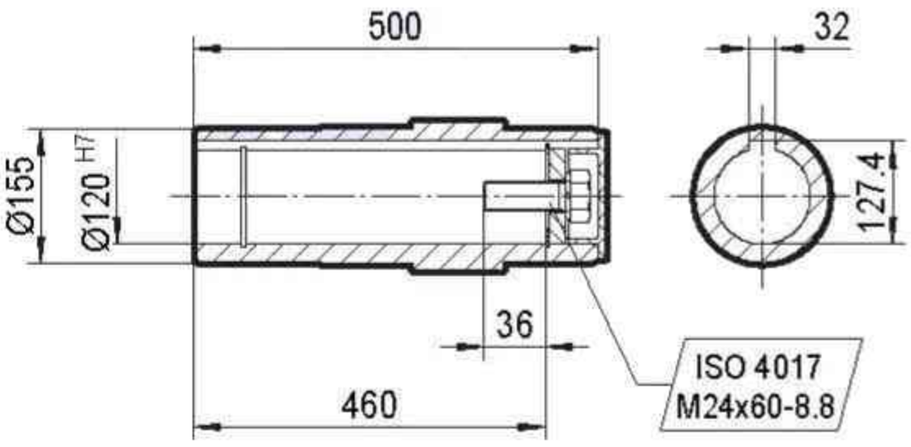
	MY160M	MY160L	MY180..	MY200..	MY225..	MY250M	MY280..	MY315S	MY315M		
AC	275	331	331	394	394	510	510	612	612		
AD	230	258	258	285	289	397	397	430	430		
AD1	230	258	258	285	289	397	397	430	430		
B	433	480	552	600	682	771	771	999	1050		
B1	545	636	708	756	838	956	956	1210	1261		
L	888	935	1007	1055	1137	1226	1226	1454	1505		
L1	1000	1091	1163	1211	1293	1411	1411	1665	1716		

TFAZ158..

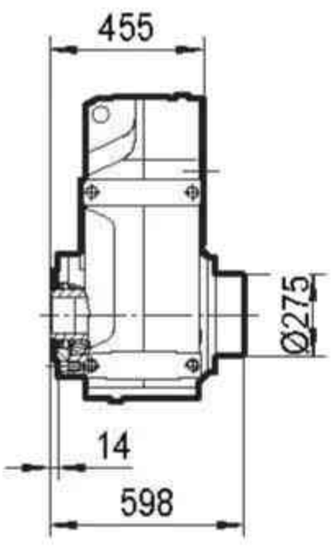


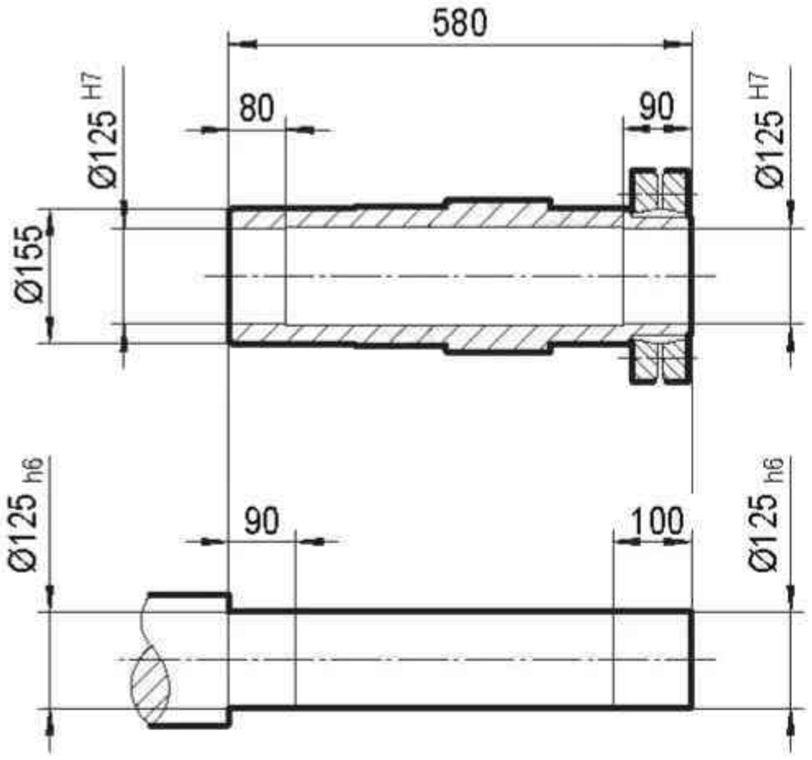
TFAZ158..





TFHZ158..

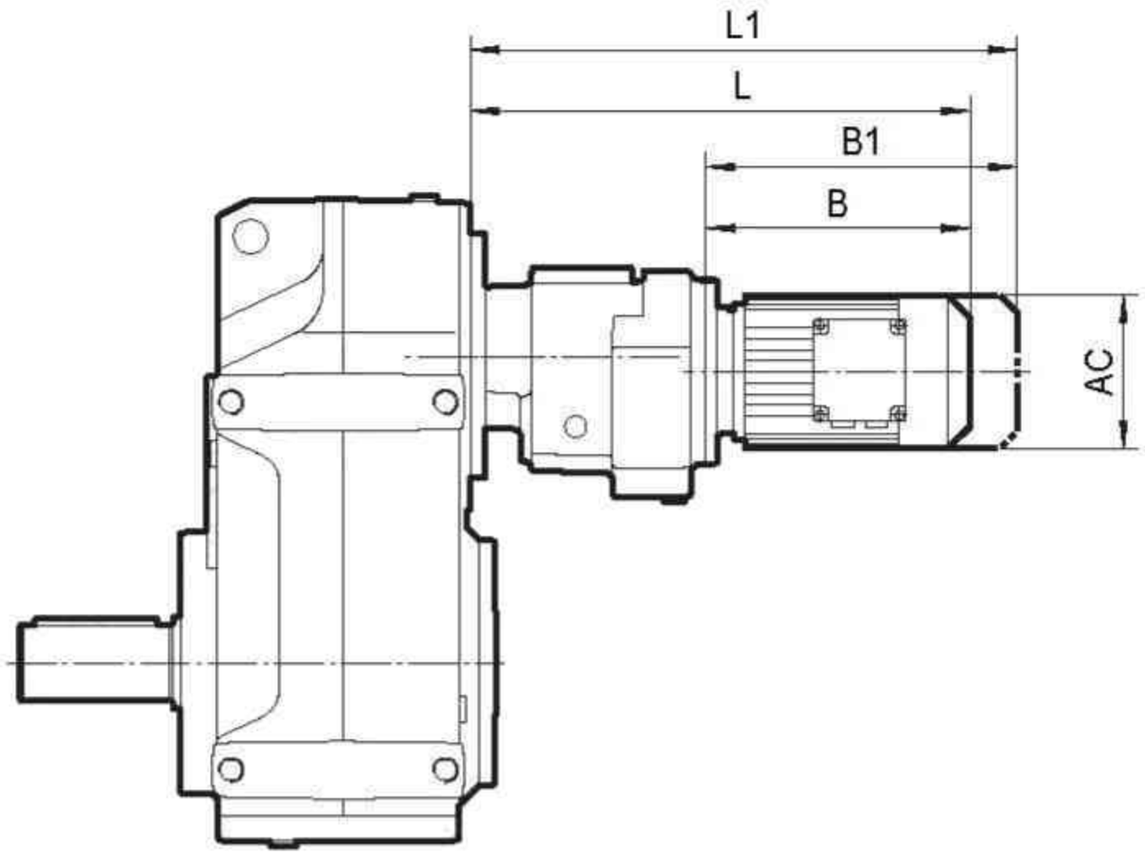




	MY160M	MY160L	MY180..	MY200..	MY225..	MY250M	MY280..	MY315S	MY315M		
AC	275	331	331	394	394	510	510	612	612		
AD	230	258	258	285	289	397	397	430	430		
AD1	230	258	258	285	289	397	397	430	430		
B	433	480	552	600	682	771	771	999	1050		
B1	545	636	708	756	838	956	956	1210	1261		
L	888	935	1007	1055	1137	1226	1226	1454	1505		
L1	1000	1091	1163	1211	1293	1411	1411	1665	1716		

4.4.2 TF../TRF Outline Dimension

TF../TRF..



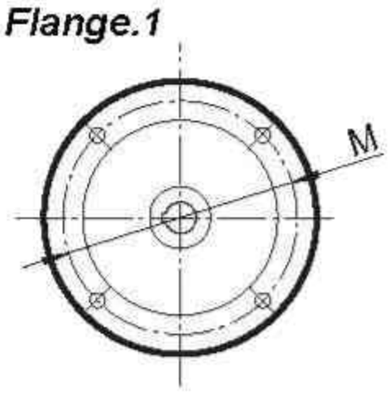
TF../TRF..	MY..	AC	B	B1	L	L1
TF..28/TRF18	MY63..	132	149	204	324	379
TF..38/TRF18	MY71D	145	164	228	339	403
TF..48/TRF18	MY80..	145	214	278	389	453
TF..58/TRF38	MY63..	132	191	246	356	411
	MY71D	145	206	270	371	435
	MY80..	145	256	320	421	485
TF..68/TRF38	MY63..	132	191	246	356	411
	MY71D	145	206	270	371	435
	MY80..	145	256	320	421	485
	MY90..	197	276	361	441	526
TF..78/TRF38	MY63..	132	191	246	348	403
	MY71D	145	206	270	363	427
	MY80..	145	256	320	413	477
	MY90..	197	276	361	433	518
TF..88/TRF58	MY63..	132	185	240	401	456
	MY71D	145	199	263	415	479
	MY80..	145	249	313	465	529
	MY90..	197	269	354	485	570
	MY100M	197	319	404	535	620
	MY100L	197	349	434	565	650
TF..98/TRF58	MY63..	132	185	240	396	451
	MY71D	145	199	263	410	474
	MY80..	145	249	313	460	524
	MY90..	197	269	354	480	565
	MY100M	197	319	404	530	615
	MY100L	197	349	434	560	645
	MY112M	221	354	434	565	645
TF..108/TRF78	MY63..	132	179	234	426	481
	MY71D	145	193	257	440	504
	MY80..	145	243	307	490	554
	MY90..	197	261	346	508	593
	MY100M	197	311	396	558	643
	MY100L	197	341	426	588	673
	MY112M	221	345	425	592	672
	MY132S	221	390	470	637	717
	MY132M	275	412	524	659	771
	MY132ML	275	472	584	719	831
	MY160M	275	472	584	719	831

TF../TRF..	MY..	AC	B	B1	L	L1
TF..128/TRF78	MY63..	132	179	234	411	466
	MY71D	145	193	257	425	489
	MY80..	145	243	307	475	539
	MY90..	197	261	346	493	578
	MY100M	197	311	396	543	628
	MY100L	197	341	426	573	658
	MY112M	221	345	425	577	657
	MY132S	221	390	470	622	702
	MY132M	275	412	524	644	756
	MY132ML	275	472	584	704	816
	MY160M	275	472	584	704	816
TF..128/TRF88	MY90..	197	257	342	537	622
	MY100M	197	307	392	587	672
	MY100L	197	337	422	617	702
	MY112M	221	340	420	620	700
	MY132S	221	385	465	665	745
	MY132M	275	407	519	687	799
	MY132ML	275	467	579	747	859
	MY160M	275	467	579	747	859
	MY160L	331	514	670	794	950
	MY180..	331	586	742	866	1022
TF..158/TRF98	MY80..	145	231	295	556	620
	MY90..	197	251	336	576	661
	MY100M	197	301	386	626	711
	MY100L	197	331	416	656	741
	MY112M	221	335	415	660	740
	MY132S	221	380	460	705	785
	MY132M	275	402	514	727	839
	MY132ML	275	462	574	787	899
	MY160M	275	462	574	787	899
	MY160L	331	509	665	834	990
	MY180..	331	581	737	906	1062
	MY200..	394	629	785	954	1110

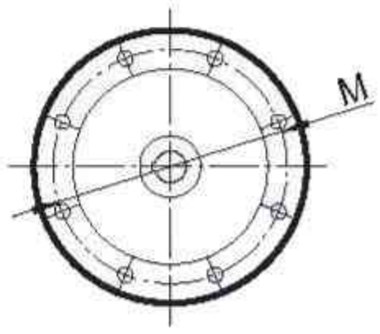
4.4.3 TF..AM(IEC).. *Outline Dimension*

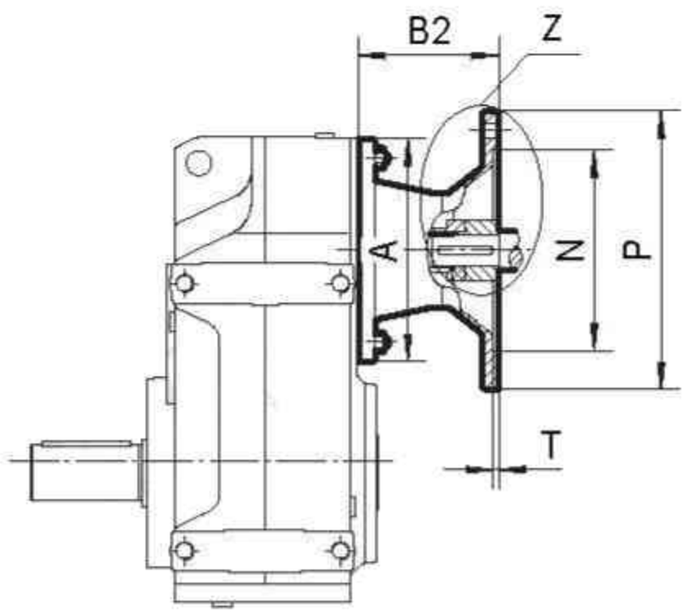
TF..AM(IEC)..

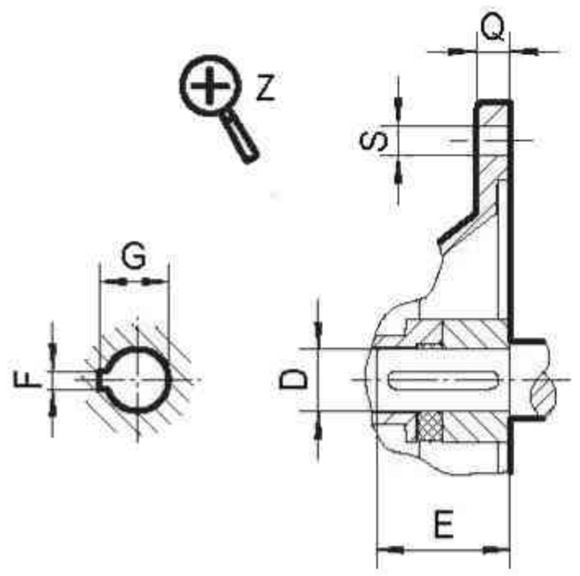
Flange.1



Flange.2





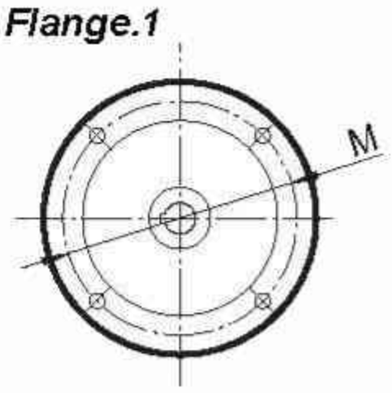


TF..	AM..	Flange.	A	B2	D	E	F	G	M	N	P	Q	S	T
TF..28 TF..38 TF..48	AM63	1	120	72	11	23	4	12.8	115	95	140	10	4-Ø9	3.5
	AM71 1)				14	30	5	16.3	130	110	160			
	AM80 1)			106	19	40	6	21.8	165	130	200	12	4-Ø11	4.5
	AM90 1)				24	50	8	27.3						
TF..58 TF..68	AM63	1	160	66	11	23	4	12.8	115	95	140	10	4-Ø9	3.5
	AM71				14	30	5	16.3	130	110	160			
	AM80			99	19	40	6	21.8	165	130	200	12	4-Ø11	4.5
	AM90				24	50	8	27.3						
	AM100 1)			134	28	60	8	31.3	215	180	250	15	4-Ø13.5	5
	AM112 1)													
	AM132S/M 1)			191	38	80	10	41.3	265	230	300	16		
TF..78	AM63	1	200	60	11	23	4	12.8	115	95	140	10	4-Ø9	3.5
	AM71				14	30	5	16.3	130	110	160			
	AM80			92	19	40	6	21.8	165	130	200	12	4-Ø11	4.5
	AM90				24	50	8	27.3						
	AM100 1)			126	28	60	8	31.3	215	180	250	15	4-Ø13.5	5
	AM112 1)													
	AM132S/M 1)			179	38	80	10	41.3	265	230	300	16		
	AM132ML 1)													
TF..88	AM80	1	250	87	19	40	6	21.8	165	130	200	12	4-Ø11	4.5
	AM90				24	50	8	27.3						
	AM100			121	28	60	8	31.3	215	180	250	15	4-Ø13.5	5
	AM112													
	AM132S/M			174	38	80	10	41.3	265	230	300	16		
	AM132ML													
	AM160 1)			232	42	110	12	45.3	300	250	350	18	4-Ø17.5	6
	AM180 1)				48		14	51.8						

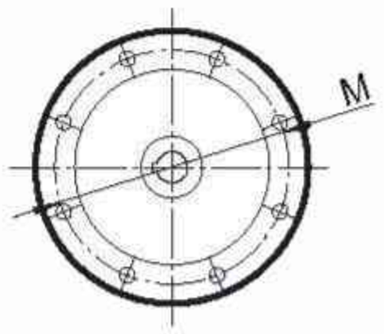
1) Dimension P/2 may protrue past foot mounting surface,please check.

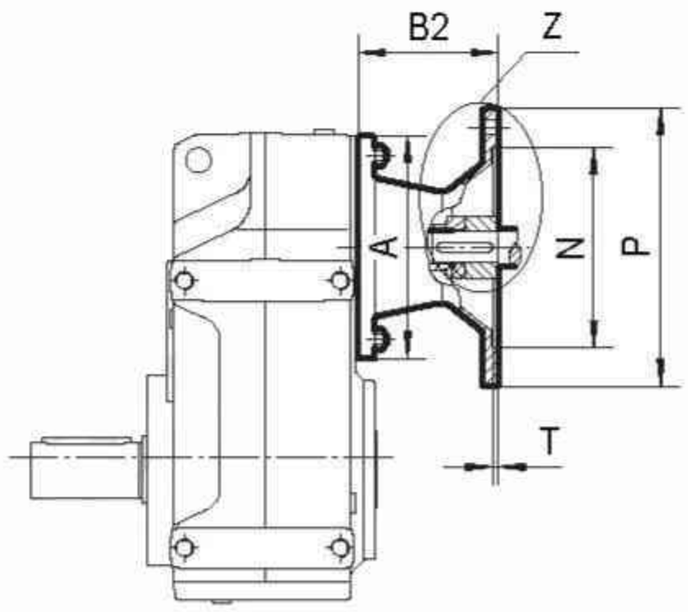
TF..AM(IEC)..

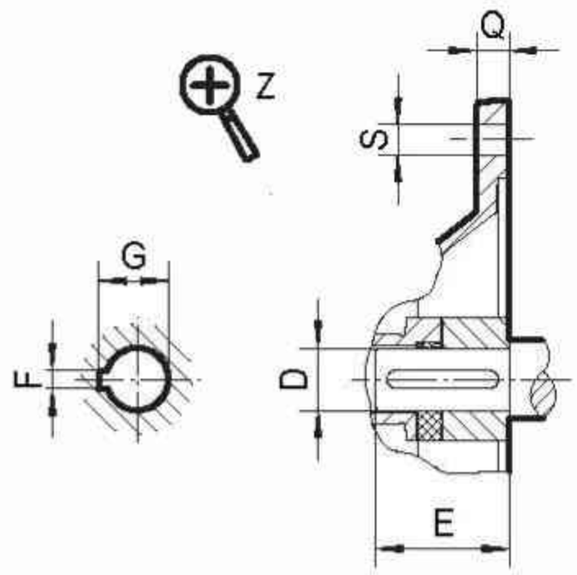
Flange.1



Flange.2





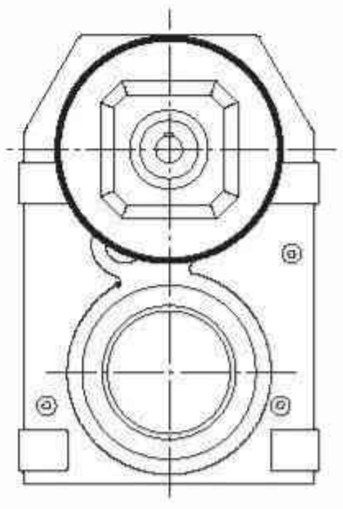


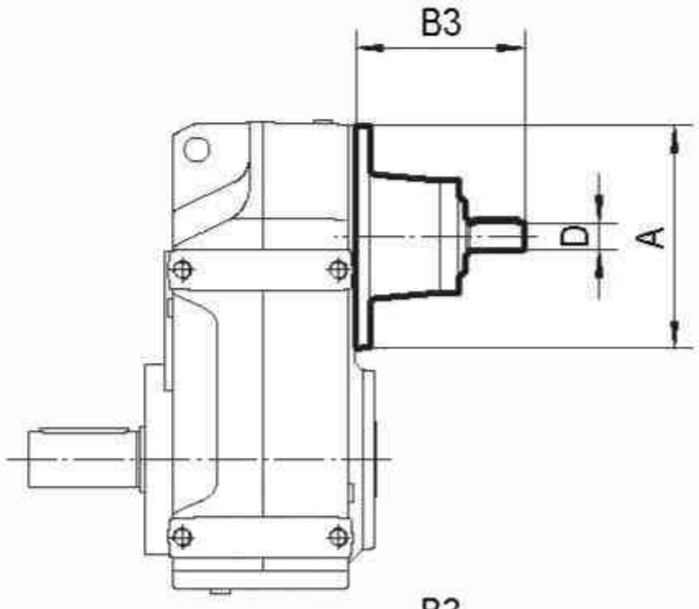
TF..	AM..	Flange.	A	B2	D	E	F	G	M	N	P	Q	S	T
TF..98	AM100	1	300	116	28	60	8	31.3	215	180	250	15	4-Ø13.5	5
	AM112													
	AM132S/M			169	38	80	10	41.3	265	230	300	16		
	AM132ML													
	AM160			227	42	110	12	45.3	300	250	350	18	4-Ø17.5	6
	AM180				48		14	51.8						
	AM200			268	55		16	59.3	350	300	400	20		7
TF..108	AM100	1	350	110	28	60	8	31.3	215	180	250	15	4-Ø13.5	5
	AM112													
	AM132S/M			163	38	80	10	41.3	265	230	300	16		
	AM132ML													
	AM160			221	42	110	12	45.3	300	250	350	18	4-Ø17.5	6
	AM180				48		14	51.8						
	AM200			262	55		16	59.3	350	300	400	20		7
	AM225	2		277	60	140	18	64.4	400	350	450	22	8-Ø17.5	
TF..128	AM132S/M	1	450	148	38	80	10	41.3	265	230	300	16	4-Ø13.5	5
	AM132ML													
	AM160			206	42	110	12	45.3	300	250	350	18	4-Ø17.5	6
	AM180				48		14	51.8						
	AM200			247	55		16	59.3	350	300	400	20		7
	AM225	2		262	60	140	18	64.4	400	350	450	22	8-Ø17.5	
	AM250			336	65			69.4	500	450	550	25		
	AM280				75		20	79.9						
TF..158	AM160	1	550	198	42	110	12	45.3	300	250	350	18	4-Ø17.5	6
	AM180				48		14	51.8						
	AM200			239	55		16	59.3	350	300	400	20		7
	AM225	2		254	60	140	18	64.4	400	350	450	22	8-Ø17.5	
	AM250			328	65			69.4	500	450	550	25		
	AM280				75		20	79.9						

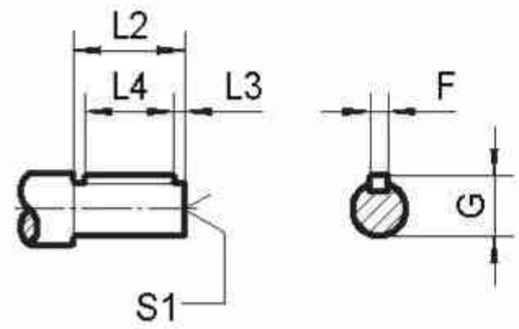
4.4.4 TF..AD..

Outline Dimension

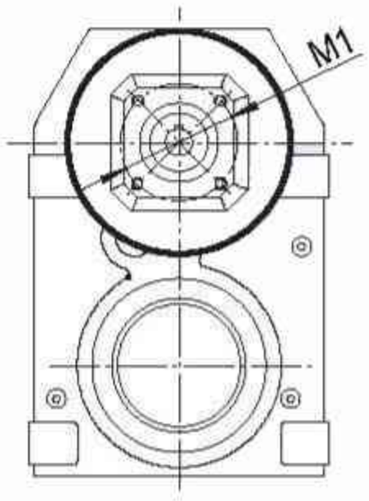
TF..AD..

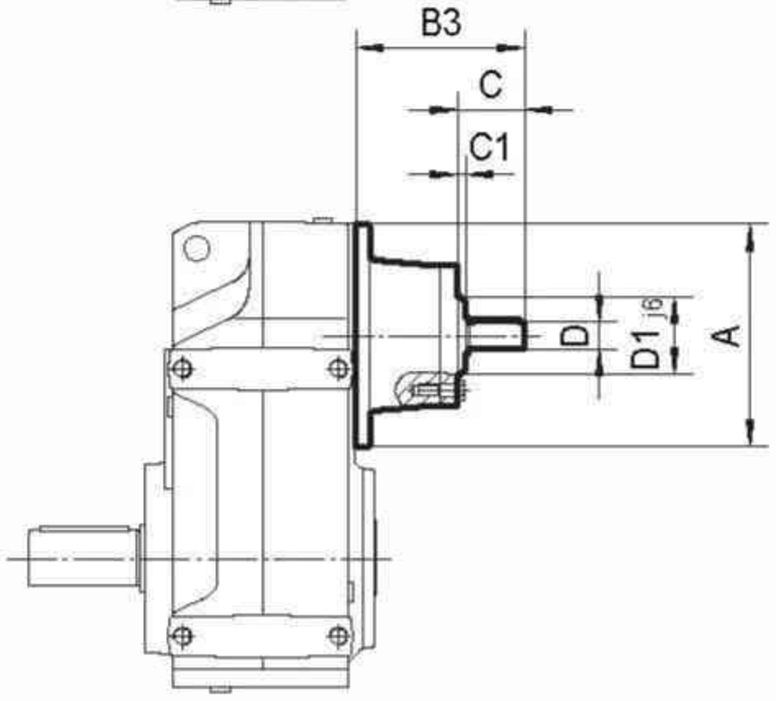


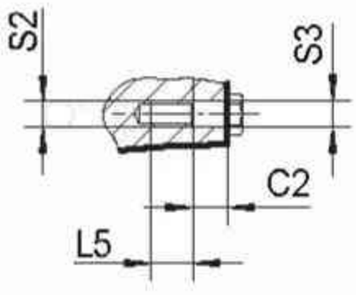




TF..AD../ZR







TF..	AD..	A	B3	C	C1	C2	D	D1	F	G	L2	L3	L4	L5	M1	S1	S2	S3
TF..28 TF..38	AD1	120	102	-	-	-	16	-	5	18	40	4	32	-	-	M5X12.5	-	-
TF..48	AD2, AD2/ZR		130	50	8	13.5	19	55	6	21.5	40	4	32	12	80	M6X16	M8	9
TF..58	AD2, AD2/ZR	160	123	50	8	13.5	19	55	6	21.5	40	4	32	12	80	M6X16	M8	9
TF..68	AD3, AD3/ZR		159	60	8	15.5	24	70	8	27	50	5	40	16	105	M8X19	M10	11
TF..78	AD2, AD2/ZR	200	116	50	8	13.5	19	55	6	21.5	40	4	32	12	80	M6X16	M8	9
	AD3, AD3/ZR		151	60	8	15.5	24	70	8	27	50	5	40	16	105	M8X19	M10	11
	AD4, AD4/ZR		224	95.5	13	16	38	100	10	41	80	5	70	20	130	M12X28	M12	13.5
TF..88	AD2, AD2/ZR	250	111	50	8	13.5	19	55	6	21.5	40	4	32	12	80	M6X16	M8	9
	AD3, AD3/ZR		156	70	8	15.5	28	70	8	31	60	5	50	16	105	M8X19	M10	11
	AD4, AD4/ZR		219	95.5	13	16	38	100	10	41	80	5	70	20	130	M12X28	M12	13.5
	AD5, AD5/ZR		292	126	11	24	42	120	12	45	110	10	70	20	180	M16X36	M12	13.5
TF..98	AD3, AD3/ZR	300	151	70	8	15.5	28	70	8	31	60	5	50	16	105	M8X19	M10	11
	AD4, AD4/ZR		214	95.5	13	16	38	100	10	41	80	5	70	20	130	M12X28	M12	13.5
	AD5, AD5/ZR		287	126	11	24	42	120	12	45	110	10	70	20	180	M16X36	M12	13.5
	AD6, AD6/ZR		327	130.5	11	22.5	48	130	14	51.5	110	10	80	26	200	M16X36	M16	17.5
TF..108	AD3, AD3/ZR	350	145	70	8	15.5	28	70	8	31	60	5	50	16	105	M8X19	M10	11
	AD4, AD4/ZR		208	95.5	13	16	38	100	10	41	80	5	70	20	130	M12X28	M12	13.5
	AD5, AD5/ZR		281	126	11	24	42	120	12	45	110	10	70	20	180	M16X36	M12	13.5
	AD6, AD6/ZR		321	130.5	11	22.5	48	130	14	51.5	110	10	80	26	200	M16X36	M16	17.5
TF..128	AD4, AD4/ZR	450	193	95.5	13	16	38	100	10	41	80	5	70	20	130	M12X28	M12	13.5
	AD5, AD5/ZR		266	126	11	24	42	120	12	45	110	10	70	20	180	M16X36	M12	13.5
	AD6, AD6/ZR		306	130.5	11	22.5	48	130	14	51.5	110	10	80	26	200	M16X36	M16	17.5
	AD7, AD7/ZR		300	133	13	19	55	125	16	59	110	10	90	30	190	M20X42	M20	22
	AD8, AD8/ZR		383	155	5	22.5	70	120	20	74.5	140	15	110	19.5	210	M20X42	M12	13.5
TF..158	AD5, AD5/ZR	550	258	126	11	24	42	120	12	45	110	10	70	20	180	M16X36	M12	13.5
	AD6, AD6/ZR		298	130.5	11	22.5	48	130	14	51.5	110	10	80	26	200	M16X36	M16	17.5
	AD7, AD7/ZR		292	133	13	19	55	125	16	59	110	10	90	30	190	M20X42	M20	22
	AD8, AD8/ZR		374	155	5	22.5	70	120	20	74.5	140	15	110	19.5	210	M20X42	M12	13.5