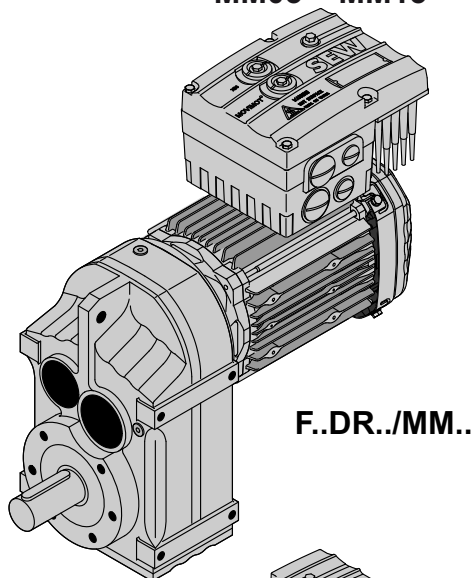
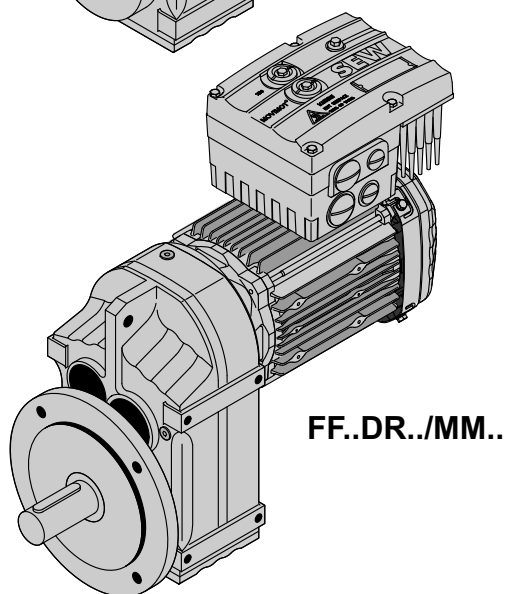
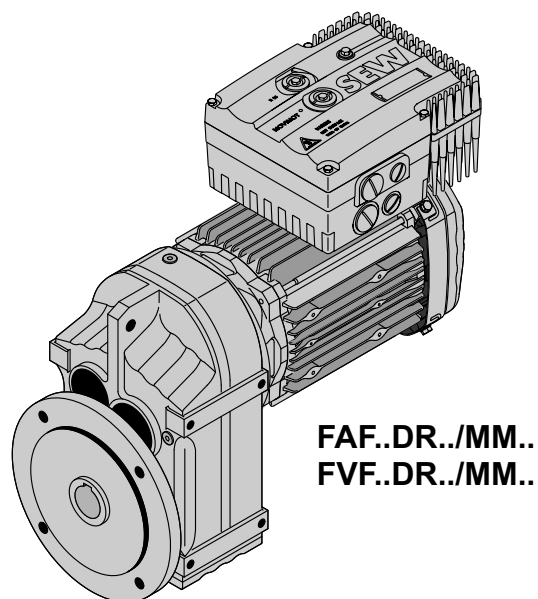
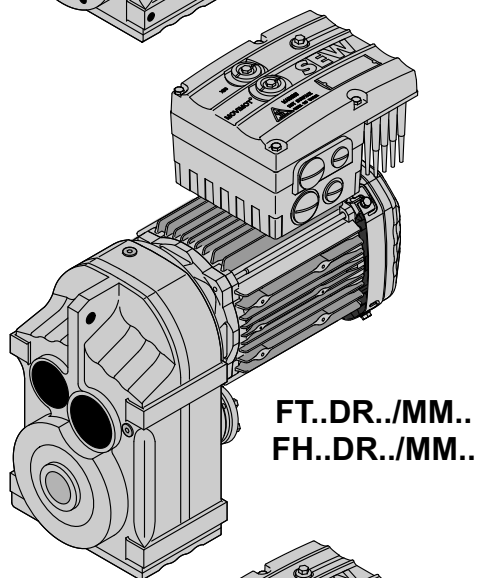
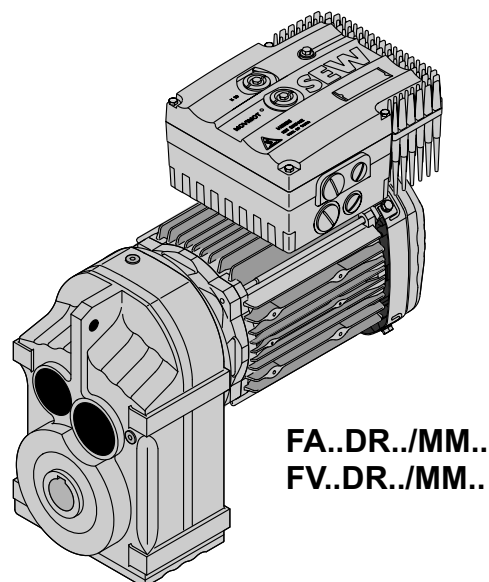


9 F..DR..MM.. parallel-shaft helical gearmotors

MM03 – MM15



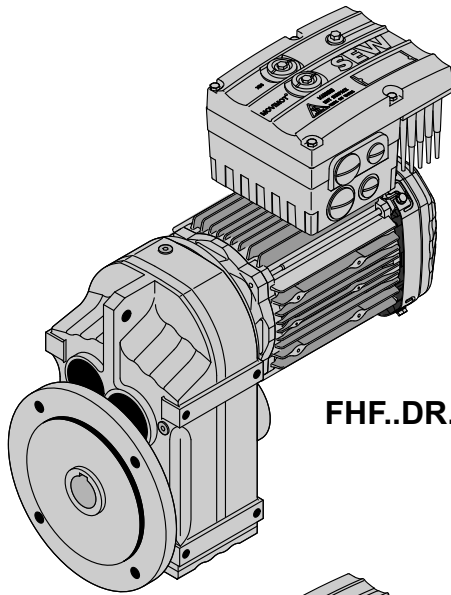
MM22 – MM30



5930908043

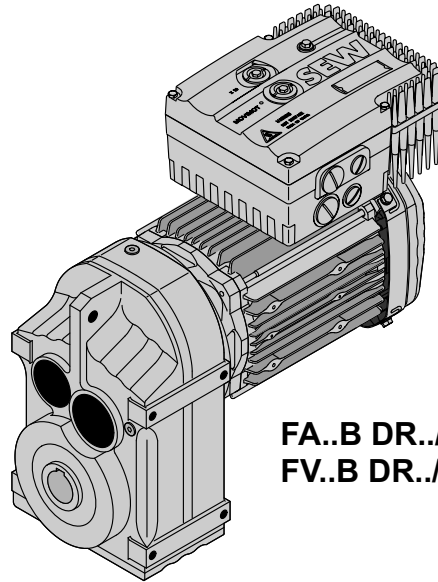
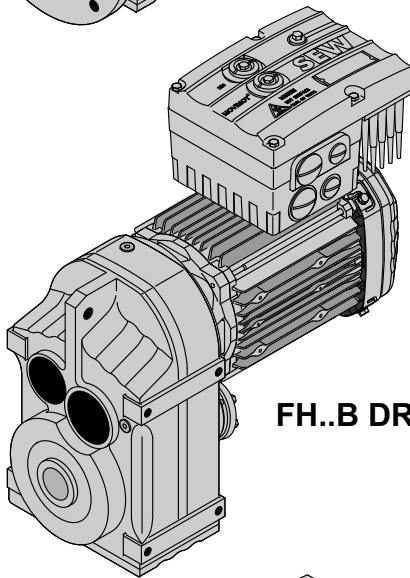
22148205/EN – 09/2016

MM03 – MM15

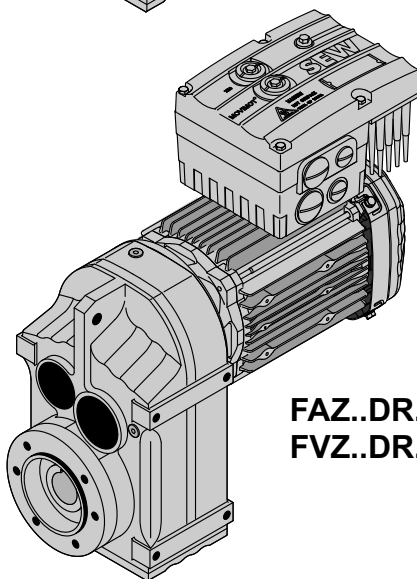
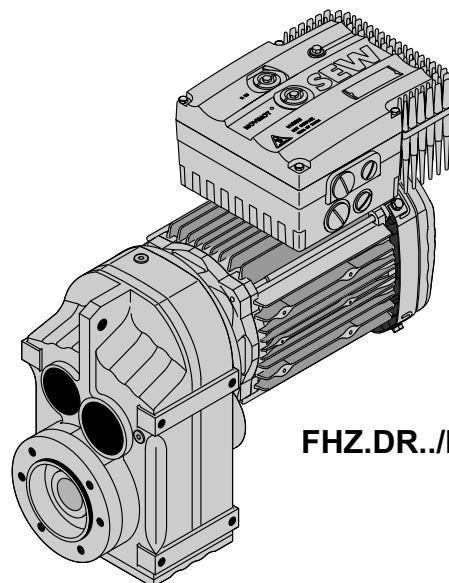


FHF..DR../MM..

MM22 – MM30

FA..B DR../MM..
FV..B DR../MM..

FH..B DR../MM..

FAZ..DR../MM..
FVZ..DR../MM..

FHZ.DR../MM..

9.1 F..DR..MM.. selection tables [1:10, 290 – 2900 min⁻¹]

P_m = 0.55 kW										
n_a min⁻¹	M_a Nm	i	F_{Ra}¹⁾ N	SEW f_B					m kg	
1.3 - 13	410	228.99	12800	2.0	FA	67	DRS	71S4 MM05	34	275
1.5 - 15	350	195.39	13000	2.3	FAF	67	DRS	71S4 MM05	41	274
1.7 - 17	305	170.85	13000	2.6	F	67	DRS	71S4 MM05	37	273
1.8 - 18	290	162.31	13000	2.8	FF	67	DRS	71S4 MM05	43	274
1.4 - 15	360	199.70	10800	1.65	FA FAF F FF	57	DRS	71S4 MM05	31	269
1.6 - 16	330	183.60	11000	1.80						
1.9 - 18	280	157.09	11200	2.1						
2.1 - 21	245	136.16	11400	2.4						
2.3 - 23	230	127.27	11500	2.6						
2.6 - 26	199	110.01	11500	3.0	FF	57	DRS	71S4 MM05	37	268
1.5 - 15	345	190.76	6610	1.15	FA FAF F FF	47	DRS	71S4 MM05	24	263
1.6 - 17	315	175.38	6900	1.25						
1.9 - 19	270	150.06	7300	1.45						
2.2 - 22	235	130.07	7560	1.70						
2.4 - 24	220	121.57	7660	1.80						
2.8 - 28	190	105.09	7820	2.1						
3.2 - 32	162	89.29	7960	2.5						
3.6 - 36	144	79.72	8030	2.8						
2.3 - 23	230	128.51	3760	0.85	FA FAF F FF	37	DRS	71S4 MM05	19	257
2.5 - 25	210	117.88	4090	0.95						
2.9 - 29	182	100.36	4540	1.10						
3.4 - 34	157	86.53	4810	1.30						
3.6 - 36	146	80.65	4910	1.35						
4.1 - 41	128	70.50	5030	1.55						
4.4 - 44	120	66.09	4970	1.65						
5.0 - 50	106	58.32	4840	1.90						
5.3 - 53	99	54.54	4770	2.0						
5.6 - 56	94	51.70	4720	2.1						
6.2 - 62	85	47.02	4620	2.4						
6.6 - 66	79	43.83	4540	2.5						
7.6 - 76	69	38.31	4390	2.9						
8.1 - 81	65	35.91	4320	3.1						
9.2 - 92	57	31.69	4190	3.5						
10 - 103	51	28.09	4060	3.9						
12 - 123	43	23.63	3870	4.7	FA FAF F FF	37	DRS	71S4 MM05	19	257
14 - 141	37	20.57	3730	5.4						
15 - 150	35	19.27	3660	5.7						
17 - 170	31	17.03	3540	6.5						
18 - 183	29	15.81	3460	7.0						
20 - 202	26	14.33	3360	7.7						
23 - 225	23	12.87	3260	8.6						
26 - 262	20	11.08	3120	9.5						
28 - 278	19	10.42	3060	9.8						
32 - 323	16	8.97	2930	11						
39 - 390	13	7.44	2750	11						
43 - 430	12	6.74	2670	11						
48 - 479	11	6.05	2580	12						
56 - 556	9.4	5.21	2470	13						
59 - 592	8.9	4.90	2420	14						
69 - 688	7.6	4.22	2310	14						
3.8 - 38	140	77.21	3400	0.95	FA FAF F FF	27	DRS	71S4 MM05	13	252
4.0 - 40	131	72.37	3380	1.00						
4.5 - 45	116	63.86	3330	1.10						
5.1 - 51	103	56.62	3280	1.25						
5.8 - 58	91	50.19	3220	1.45						
6.2 - 62	85	46.78	3180	1.55						
7.1 - 71	74	40.89	3100	1.75						
7.6 - 76	69	38.33	3060	1.85	FA FAF F FF	27	DRS	71S4 MM05	13	250
8.6 - 86	61	33.83	2980	2.1						
									14	251

P_m = 0.55 kW

n_a min ⁻¹	M_a Nm	i	$F_{Ra}^{1)}$ N	SEW f_B					m kg	
9.8 - 98	54	29.56	2900	2.4						
11 - 107	49	27.18	2840	2.6						
12 - 125	42	23.25	2740	3.1						
14 - 144	36	20.15	2640	3.6						
15 - 154	34	18.84	2600	3.8						
18 - 178	29	16.28	2500	4.4						
21 - 210	25	13.84	2400	5.2	FA	27	DRS	71S4 MM05	12	252
23 - 235	22	12.35	2320	5.8	FAF	27	DRS	71S4 MM05	13	251
27 - 275	19	10.55	2220	6.8	F	27	DRS	71S4 MM05	13	250
29 - 293	18	9.88	2180	7.3	FF	27	DRS	71S4 MM05	14	251
31 - 308	17	9.40	2140	7.6						
36 - 357	15	8.13	2050	8.3						
42 - 420	13	6.91	1950	9.1						
47 - 470	11	6.17	1890	9.8						
55 - 551	9.5	5.27	1800	10						
59 - 588	8.9	4.93	1770	11						
70 - 698	7.5	4.16	1680	12						

P_m = 0.75 kW

n_a min ⁻¹	M_a Nm	i	$F_{Ra}^{1)}$ N	SEW f_B					m kg	
1.3 - 13	555	225.79	19600	2.7	FA	77	DRS	71M4 MM07	60	281
1.5 - 15	485	198.31	19700	3.1	FAF	77	DRS	71M4 MM07	66	280
1.5 - 15	465	188.40	19800	3.2	F	77	DRS	71M4 MM07	64	279
					FF	77	DRS	71M4 MM07	74	280
1.7 - 17	410	166.47	19800	3.6	FA	77	DRS	71M4 MM07	60	281
					FAF	77	DRS	71M4 MM07	66	280
					F	77	DRS	71M4 MM07	64	279
					FF	77	DRS	71M4 MM07	74	280
1.5 - 15	480	195.39	12500	1.70	FA	67	DRS	71M4 MM07	36	275
1.7 - 17	420	170.85	12700	1.95	FAF	67	DRS	71M4 MM07	42	274
1.8 - 18	400	162.31	12800	2.0	F	67	DRS	71M4 MM07	39	273
2.0 - 20	350	142.40	13000	2.3	FF	67	DRS	71M4 MM07	45	274
2.4 - 24	295	120.79	13000	2.8	FA	67	DRS	71M4 MM07	36	275
					FAF	67	DRS	71M4 MM07	42	274
					F	67	DRS	71M4 MM07	39	273
					FF	67	DRS	71M4 MM07	45	274
1.9 - 18	385	157.09	10600	1.55	FA	57	DRS	71M4 MM07	32	269
2.1 - 21	335	136.16	10900	1.80	FAF	57	DRS	71M4 MM07	37	268
2.3 - 23	310	127.27	11100	1.90	F	57	DRS	71M4 MM07	32	267
2.6 - 26	270	110.01	11300	2.2	FF	57	DRS	71M4 MM07	38	268
3.1 - 31	230	93.47	11400	2.6						
3.5 - 35	205	83.46	11100	2.9						
4.0 - 40	180	72.98	10700	3.3						
1.9 - 19	370	150.06	6310	1.10	FA	47	DRS	71M4 MM07	25	263
2.2 - 22	320	130.07	6860	1.25	FAF	47	DRS	71M4 MM07	27	262
2.4 - 24	300	121.57	7060	1.35	F	47	DRS	71M4 MM07	25	261
2.8 - 28	255	105.09	7390	1.55	FF	47	DRS	71M4 MM07	29	262
3.2 - 32	220	89.29	7650	1.80						
3.6 - 36	197	79.72	7790	2.0						
4.3 - 43	168	68.09	7750	2.4						
4.4 - 44	161	65.36	7670	2.5						

P _m = 0.75 kW										
n _a min ⁻¹	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
2.9 - 29	245	100.36	2990	0.80						
3.4 - 34	210	86.53	4090	0.95						
3.6 - 36	199	80.65	4300	1.00						
4.1 - 41	174	70.50	4630	1.15						
4.4 - 44	163	66.09	4610	1.25						
5.0 - 50	144	58.32	4530	1.40						
5.3 - 53	135	54.54	4480	1.50						
5.6 - 56	128	51.70	4440	1.55						
6.2 - 62	116	47.02	4360	1.70						
6.6 - 66	108	43.83	4300	1.85						
7.6 - 76	95	38.31	4190	2.1						
8.1 - 81	89	35.91	4130	2.2						
9.2 - 92	78	31.69	4020	2.6	FA	37	DRS	71M4 MM07	20	257
10 - 103	69	28.09	3910	2.9	FAF	37	DRS	71M4 MM07	21	256
12 - 121	59	23.88	3760	3.4	F	37	DRS	71M4 MM07	20	255
					FF	37	DRS	71M4 MM07	22	256
12 - 123	58	23.63	3750	3.4						
14 - 141	51	20.57	3620	3.9						
15 - 150	48	19.27	3560	4.2						
17 - 170	42	17.03	3440	4.8						
18 - 183	39	15.81	3380	5.1						
20 - 202	35	14.33	3290	5.7						
23 - 225	32	12.87	3190	6.3						
26 - 262	27	11.08	3060	6.9						
28 - 278	26	10.42	3000	7.2						
32 - 323	22	8.97	2880	7.9						
36 - 362	20	8.01	2780	8.6						
39 - 390	18	7.44	2710	7.9						
43 - 430	17	6.74	2630	8.4	FA	37	DRS	71M4 MM07	20	257
48 - 479	15	6.05	2550	9.0	FAF	37	DRS	71M4 MM07	21	256
56 - 556	13	5.21	2440	9.7	F	37	DRS	71M4 MM07	20	255
59 - 592	12	4.90	2390	9.9	FF	37	DRS	71M4 MM07	22	256
69 - 688	10	4.22	2280	11						
77 - 770	9.3	3.77	2210	11						
5.1 - 51	140	56.62	2950	0.95						
5.8 - 58	124	50.19	2920	1.05						
6.2 - 62	116	46.78	2900	1.15						
7.1 - 71	101	40.89	2860	1.30						
7.6 - 76	95	38.33	2840	1.35						
8.6 - 86	84	33.83	2790	1.55						
12 - 125	57	23.25	2600	2.3						
14 - 144	50	20.15	2530	2.6						
15 - 154	47	18.84	2490	2.8						
18 - 178	40	16.28	2410	3.2						
21 - 210	34	13.84	2320	3.8						
23 - 235	31	12.35	2250	4.3						
27 - 275	26	10.55	2160	5.0						
29 - 293	24	9.88	2120	5.3						
31 - 308	23	9.40	2070	5.6						
36 - 357	20	8.13	2000	6.1						
42 - 420	17	6.91	1910	6.7						
47 - 470	15	6.17	1850	7.2						
55 - 551	13	5.27	1770	7.7						
59 - 588	12	4.93	1740	7.9						
70 - 698	10	4.16	1650	8.5						
					FA	27	DRS	71M4 MM07	13	252
					FAF	27	DRS	71M4 MM07	14	251
					F	27	DRS	71M4 MM07	14	250
					FF	27	DRS	71M4 MM07	15	251

P _m = 1.1 kW										
n _a min ⁻¹	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
1.1 - 11	980	270.68	29000	3.1	FA	87	DRN	80M4 MM11	105	287
1.1 - 11	920	255.37	29100	3.2	FAF	87	DRN	80M4 MM11	115	286
1.3 - 13	820	228.93	29300	3.6	F	87	DRN	80M4 MM11	110	285
1.5 - 15	710	197.20	29500	4.2	FF	87	DRN	80M4 MM11	125	286

P_m = 1.1 kW										
n_a min⁻¹	M_a Nm	i	F_{Ra}¹⁾ N	SEW f_B					m kg	
1.3 - 13	810	225.79	18900	1.85	FA	77	DRN	80M4 MM11	65	281
1.5 - 15	715	198.31	19200	2.1		77	DRN	80M4 MM11	71	280
1.5 - 15	680	188.40	19300	2.2		77	DRN	80M4 MM11	68	279
1.7 - 17	600	166.47	19500	2.5		77	DRN	80M4 MM11	79	280
2.0 - 20	515	142.27	19700	2.9		77	DRN	80M4 MM11		
2.2 - 22	470	130.42	19700	3.2	FA	77	DRN	80M4 MM11	65	281
2.5 - 25	410	114.45	19800	3.6	FAF	77	DRN	80M4 MM11	71	280
					F	77	DRN	80M4 MM11	68	279
					FF	77	DRN	80M4 MM11	79	280
1.5 - 15	705	195.39	11200	1.15	FA	67	DRN	80M4 MM11	41	275
1.7 - 17	615	170.85	11800	1.35		67	DRN	80M4 MM11	47	274
1.8 - 18	585	162.31	12000	1.40		67	DRN	80M4 MM11	43	273
2.0 - 20	515	142.40	12300	1.60		67	DRN	80M4 MM11	49	274
2.4 - 24	435	120.79	12700	1.85		67	DRN	80M4 MM11		
2.7 - 27	390	109.04	12800	2.1	FA	67	DRN	80M4 MM11	41	275
3.0 - 30	345	95.94	13000	2.4	FAF	67	DRN	80M4 MM11	47	274
3.2 - 32	325	90.59	13000	2.5	F	67	DRN	80M4 MM11	43	273
3.6 - 36	285	79.76	13000	2.8	FF	67	DRN	80M4 MM11	49	274
4.3 - 43	245	67.65	13000	3.4						
1.9 - 18	565	157.09	9430	1.05	FA	57	DRN	80M4 MM11	37	269
2.1 - 21	490	136.16	9970	1.20		57	DRN	80M4 MM11	42	268
2.3 - 23	460	127.27	10200	1.30		57	DRN	80M4 MM11	37	267
2.6 - 26	395	110.01	10600	1.50		57	DRN	80M4 MM11	43	268
3.1 - 31	335	93.47	10700	1.75		57	DRN	80M4 MM11		
3.5 - 35	300	83.46	10500	2.0						
4.0 - 40	260	72.98	10200	2.3						
4.2 - 43	245	68.22	10000	2.4						
4.9 - 49	210	58.97	9670	2.8						
5.8 - 58	181	50.10	9280	3.3						
2.8 - 28	380	105.09	6190	1.05	FA	47	DRN	80M4 MM11	29	263
3.2 - 32	320	89.29	6840	1.25		47	DRN	80M4 MM11	32	262
3.6 - 36	285	79.72	7160	1.40		47	DRN	80M4 MM11	30	261
4.3 - 43	245	68.09	7210	1.60		47	DRN	80M4 MM11	33	262
4.4 - 44	235	65.36	7160	1.70		47	DRN	80M4 MM11		
5.1 - 51	200	56.49	6960	1.95						
6.0 - 60	174	48.00*	6730	2.3						
6.8 - 68	155	42.86	6560	2.6	FA	47	DRN	80M4 MM11	29	263
7.9 - 79	133	36.61	6330	3.0	FAF	47	DRN	80M4 MM11	32	262
					F	47	DRN	80M4 MM11	30	261
					FF	47	DRN	80M4 MM11	33	262
4.4 - 44	235	66.09	3620	0.85	FA	37	DRN	80M4 MM11	24	257
5.0 - 50	210	58.32	3970	0.95		37	DRN	80M4 MM11	26	256
5.3 - 53	198	54.54	3960	1.00		37	DRN	80M4 MM11	25	255
5.6 - 56	187	51.70	3950	1.05		37	DRN	80M4 MM11	27	256
6.2 - 62	170	47.02	3910	1.15		37	DRN	80M4 MM11		
6.6 - 66	159	43.83	3890	1.25						
7.6 - 76	139	38.31	3820	1.45						
8.1 - 81	130	35.91	3790	1.55						
9.2 - 92	115	31.69	3720	1.75						
10 - 103	102	28.09	3640	1.95						
12 - 121	86	23.88	3530	2.3						

P _m = 1.1 kW										
n _a min ⁻¹	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
12 - 123	86	23.63	3520	2.3						
14 - 141	75	20.57	3420	2.7						
15 - 150	70	19.27	3370	2.9						
17 - 170	62	17.03	3280	3.2						
18 - 183	57	15.81	3220	3.5						
20 - 202	52	14.33	3150	3.9						
23 - 225	47	12.87	3070	4.3						
26 - 262	40	11.08	2950	4.7						
28 - 278	38	10.42	2910	4.9						
32 - 323	32	8.97	2790	5.4						
36 - 362	29	8.01	2710	5.9						
39 - 390	27	7.44	2630	5.4						
43 - 430	24	6.74	2560	5.7						
48 - 479	22	6.05	2480	6.2						
56 - 556	19	5.21	2380	6.6						
59 - 592	18	4.90	2340	6.8						
69 - 688	15	4.22	2240	7.2						
77 - 770	14	3.77	2170	7.7						
7.1 - 71	148	40.89	2440	0.90	FA	27	DRN	80M4 MM11	18	252
7.6 - 76	139	38.33	2440	0.95	FAF	27	DRN	80M4 MM11	19	251
8.6 - 86	123	33.83	2440	1.05	F	27	DRN	80M4 MM11	19	250
					FF	27	DRN	80M4 MM11	20	251
12 - 125	84	23.25	2370	1.55						
14 - 144	73	20.15	2320	1.80						
15 - 154	68	18.84	2300	1.90						
18 - 178	59	16.28	2240	2.2						
21 - 210	50	13.84	2170	2.6						
23 - 235	45	12.35	2120	2.9						
27 - 275	38	10.55	2050	3.4						
29 - 293	36	9.88	2020	3.6						
31 - 308	34	9.40	1970	3.8						
36 - 357	29	8.13	1900	4.2						
42 - 420	25	6.91	1830	4.6						
47 - 470	22	6.17	1780	4.9						
55 - 551	19	5.27	1710	5.2						
59 - 588	18	4.93	1680	5.4						
70 - 698	15	4.16	1600	5.8						

P _m = 1.5 kW										
n _a min ⁻¹	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
1.1 - 10	1360	276.77	36500	3.1	FA	97	DRN	90S4 MM15	175	293
1.1 - 11	1250	253.41	36700	3.4	FAF	97	DRN	90S4 MM15	195	292
1.3 - 13	1100	223.88	36900	3.9	F	97	DRN	90S4 MM15	180	291
					FF	97	DRN	90S4 MM15	215	292
1.1 - 11	1330	270.68	28200	2.2	FA	87	DRN	90S4 MM15	110	287
1.1 - 11	1260	255.37	28400	2.4	FAF	87	DRN	90S4 MM15	120	286
1.3 - 13	1130	228.93	28700	2.6	F	87	DRN	90S4 MM15	115	285
1.5 - 15	970	197.20	29000	3.1	FF	87	DRN	90S4 MM15	130	286
1.5 - 15	970	198.31	18400	1.55	FA FAF F FF	77	DRN	90S4 MM15	69	281
1.5 - 15	930	188.40	18600	1.60						
1.7 - 17	820	166.47	18900	1.80						
2.0 - 20	700	142.27	19300	2.1						
2.2 - 22	640	130.42	19400	2.3						
2.5 - 25	565	114.45	19600	2.6						
2.7 - 27	535	108.46*	19600	2.8	FA	77	DRN	90S4 MM15	69	281
3.1 - 31	465	94.93	19700	3.2	FAF	77	DRN	90S4 MM15	76	280
					F	77	DRN	90S4 MM15	73	279
					FF	77	DRN	90S4 MM15	84	280

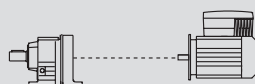
P_m = 1.5 kW

n _a min ⁻¹	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
1.7 - 17	840	170.85	10100	0.95	FA FAF F FF	67	DRN	90S4 MM15	47	275
1.8 - 18	800	162.31	10500	1.00						
2.0 - 20	700	142.40	11200	1.15						
2.4 - 24	595	120.79	11900	1.35						
2.7 - 27	535	109.04	12200	1.50						
3.0 - 30	470	95.94	12500	1.75						
3.2 - 32	445	90.59	12600	1.85						
3.6 - 36	390	79.76	12800	2.1						
4.3 - 43	330	67.65	13000	2.5	FA FAF F FF	57	DRN	90S4 MM15	43	269
4.8 - 47	300	61.07	13000	2.7						
2.1 - 21	670	136.16	3480	0.90						
2.3 - 23	625	127.27	8280	0.95						
2.6 - 26	540	110.01	9620	1.10						
3.1 - 31	460	93.47	10000	1.30						
3.5 - 35	410	83.46	9840	1.45						
4.0 - 40	360	72.98	9610	1.65						
4.2 - 43	335	68.22	9490	1.80	FA FAF F FF	47	DRN	90S4 MM15	35	263
4.9 - 49	290	58.97	9210	2.1						
5.8 - 58	245	50.10	8890	2.4						
6.5 - 65	220	44.73	8670	2.7						
3.6 - 36	390	79.72	6010	1.00						
4.3 - 43	335	68.09	6600	1.20						
4.4 - 44	320	65.36	6570	1.25						
5.1 - 51	275	56.49	6450	1.45						
6.0 - 60	235	48.00*	6300	1.70	FA FAF F FF	47	DRN	90S4 MM15	38	262
6.8 - 68	210	42.86	6180	1.90						
7.9 - 79	181	36.61	6000	2.2						
8.5 - 85	169	34.29	5920	2.4						
10 - 100	143	28.88	5710	2.8						
9.4 - 94	152	30.86	5790	2.6						
9.9 - 99	145	29.32	5730	2.8						
11 - 113	127	25.72	5560	3.1						
13 - 133	108	21.82	5350	3.7	FA FAF F FF	37	DRN	90S4 MM15	30	257
6.2 - 62	230	47.02	3400	0.85						
6.6 - 66	215	43.83	3410	0.90						
7.6 - 76	189	38.31	3410	1.05						
8.1 - 81	177	35.91	3400	1.15						
9.2 - 92	157	31.69	3370	1.30						
10 - 103	139	28.09	3340	1.45						
12 - 121	118	23.88	3270	1.70	FA FAF F FF	37	DRN	90S4 MM15	32	256
14 - 141	102	20.57	3200	1.95						
15 - 150	95	19.27	3160	2.1						
17 - 170	84	17.03	3100	2.4						
18 - 183	78	15.81	3050	2.6						
20 - 202	71	14.33	3000	2.8						
23 - 225	64	12.87	2930	3.1						
26 - 262	55	11.08	2830	3.5						
28 - 278	51	10.42	2790	3.6	FA FAF F FF	37	DRN	90S4 MM15	31	255
32 - 323	44	8.97	2700	4.0						
36 - 362	40	8.01	2620	4.3						
39 - 390	37	7.44	2540	4.0						
43 - 430	33	6.74	2480	4.2						
48 - 479	30	6.05	2410	4.5						
56 - 556	26	5.21	2320	4.9						
59 - 592	24	4.90	2280	5.0						
69 - 688	21	4.22	2190	5.3	FA FAF F FF	37	DRN	90S4 MM15	32	256
77 - 770	19	3.77	2120	5.6						

P _m = 1.5 kW										
n _a min ⁻¹	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
14 - 144	100	20.15	2080	1.30						
15 - 154	93	18.84	2080	1.40						
18 - 178	80	16.28	2050	1.60						
21 - 210	68	13.84	2010	1.90						
23 - 235	61	12.35	1980	2.1						
27 - 275	52	10.55	1930	2.5						
29 - 293	49	9.88	1910	2.7						
31 - 308	46	9.40	1840	2.8						
36 - 357	40	8.13	1800	3.1						
42 - 420	34	6.91	1740	3.3						
47 - 470	30	6.17	1700	3.6						
55 - 551	26	5.27	1640	3.8						
59 - 588	24	4.93	1620	3.9						
70 - 698	21	4.16	1550	4.2						

P _m = 2.2 kW										
n _a min ⁻¹	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
1.7 - 17	1200	166.47	17400	1.25						
2.0 - 20	1030	142.27	18200	1.45						
2.2 - 22	940	130.42	18500	1.60	FA	77	DRN	90L4 MM22	73	281
2.5 - 25	820	114.45	18900	1.80	FAF	77	DRN	90L4 MM22	79	280
2.7 - 27	785	108.46*	19000	1.90	F	77	DRN	90L4 MM22	76	279
3.1 - 31	685	94.93	19300	2.2	FF	77	DRN	90L4 MM22	87	280
3.4 - 34	615	85.52	19500	2.4						
3.9 - 39	540	75.02	19600	2.8	FA	77	DRN	90L4 MM22	73	281
4.0 - 40	525	72.50	19600	2.9	FAF	77	DRN	90L4 MM22	79	280
4.4 - 44	480	66.46	19700	3.1	F	77	DRN	90L4 MM22	76	279
5.0 - 50	420	58.32	19800	3.5	FF	77	DRN	90L4 MM22	87	280
2.4 - 24	870	120.79	9780	0.95						
2.7 - 27	785	109.04	10600	1.05						
3.0 - 30	690	95.94	11300	1.20						
3.2 - 32	655	90.59	11600	1.25	FA	67	DRN	90L4 MM22	50	275
3.6 - 36	575	79.76	12000	1.40	FAF	67	DRN	90L4 MM22	56	274
4.3 - 43	490	67.65	12500	1.65	F	67	DRN	90L4 MM22	53	273
4.8 - 47	440	61.07	12700	1.85	FF	67	DRN	90L4 MM22	59	274
5.4 - 54	385	53.73	12800	2.1						
5.7 - 57	365	50.74	12900	2.2						
6.7 - 67	310	43.20	13000	2.6						
3.1 - 31	675	93.47	2450	0.90						
3.5 - 35	600	83.46	8700	1.00						
4.0 - 40	525	72.98	8610	1.15						
4.2 - 43	490	68.22	8550	1.20	FA	57	DRN	90L4 MM22	46	269
4.9 - 49	425	58.97	8410	1.40	FAF	57	DRN	90L4 MM22	52	268
5.8 - 58	360	50.10	8210	1.65	F	57	DRN	90L4 MM22	46	267
6.5 - 65	320	44.73	8060	1.85	FF	57	DRN	90L4 MM22	53	268
7.6 - 76	275	38.21	7820	2.2						
8.1 - 81	255	35.79	7720	2.3						
9.6 - 96	215	30.15	7450	2.7						
9.7 - 97	215	29.94	7440	2.5	FA	57	DRN	90L4 MM22	45	269
10 - 102	205	28.45	7360	2.6	FAF	57	DRN	90L4 MM22	51	268
12 - 116	181	24.96	7140	3.2	F	57	DRN	90L4 MM22	46	267
14 - 137	153	21.17	6860	3.9	FF	57	DRN	90L4 MM22	52	268
5.1 - 51	405	56.49	5540	1.00						
6.0 - 60	345	48.00*	5540	1.15	FA	47	DRN	90L4 MM22	38	263
6.8 - 68	310	42.86	5500	1.30	FAF	47	DRN	90L4 MM22	41	262
7.9 - 79	265	36.61	5420	1.50	F	47	DRN	90L4 MM22	39	261
8.5 - 85	245	34.29	5380	1.60	FF	47	DRN	90L4 MM22	42	262
10 - 100	205	28.88	5250	1.90						
11 - 113	186	25.72	5160	2.1	FA	47	DRN	90L4 MM22	38	263
13 - 133	158	21.82	5010	2.5	FAF	47	DRN	90L4 MM22	40	262
15 - 147	143	19.70	4910	2.8	F	47	DRN	90L4 MM22	38	261
17 - 167	126	17.33	4780	3.2	FF	47	DRN	90L4 MM22	42	262

P_m = 2.2 kW										
n_a min⁻¹	M_a Nm	i	F_{Ra}¹⁾ N	SEW f_B			m kg			
9.2 - 92	225	31.69	2770	0.85	FA	37	DRN	90L4 MM22	34	257
10 - 103	200	28.09	2800	1.00	FAF	37	DRN	90L4 MM22	35	256
12 - 121	173	23.88	2820	1.15	F	37	DRN	90L4 MM22	34	255
					FF	37	DRN	90L4 MM22	36	256
17 - 170	123	17.03	2770	1.60	FA	37	DRN	90L4 MM22	33	257
20 - 202	104	14.33	2720	1.95						
23 - 225	93	12.87	2680	2.1						
26 - 262	80	11.08	2620	2.4						
28 - 278	76	10.42	2600	2.5						
32 - 323	65	8.97	2520	2.7						
36 - 362	58	8.01	2470	2.9						
43 - 430	49	6.74	2340	2.9						
48 - 479	44	6.05	2280	3.1						
56 - 556	38	5.21	2210	3.3						
59 - 592	36	4.90	2180	3.4						
69 - 688	31	4.22	2100	3.6						
77 - 770	27	3.77	2040	3.9						
14 - 144	146	20.15	1670	0.90	FA	27	DRN	90L4 MM22	27	252
15 - 154	136	18.84	1690	0.95						
18 - 178	118	16.28	1720	1.10						
21 - 210	100	13.84	1730	1.30						
23 - 235	89	12.35	1730	1.45						
27 - 275	76	10.55	1710	1.70						
29 - 293	72	9.88	1700	1.80						
31 - 308	68	9.40	1630	1.90						
36 - 357	59	8.13	1610	2.1						
42 - 420	50	6.91	1580	2.3						
47 - 470	45	6.17	1560	2.4						
55 - 551	38	5.27	1520	2.6						
59 - 588	36	4.93	1500	2.7						
70 - 698	30	4.16	1460	2.9						

P _m = 3.0 kW										
n _a min ⁻¹	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
1.1 - 10	2730	276.77	33900	1.55	FA	97	DRN	100LS4 MM30	180	293
1.1 - 11	2500	253.41	34400	1.70	FAF	97	DRN	100LS4 MM30	200	292
1.3 - 13	2210	223.88	35000	1.95	F	97	DRN	100LS4 MM30	190	291
1.5 - 15	1870	189.92	35600	2.3	FF	97	DRN	100LS4 MM30	220	292
1.7 - 17	1720	174.87	35900	2.5						
1.9 - 19	1540	156.30	36200	2.8	FA	97	DRN	100LS4 MM30	180	293
					FAF	97	DRN	100LS4 MM30	200	292
					F	97	DRN	100LS4 MM30	190	291
					FF	97	DRN	100LS4 MM30	220	292
1.3 - 13	2260	228.93	25600	1.35						
1.5 - 15	1940	197.20	26600	1.55	FA	87	DRN	100LS4 MM30	115	287
1.6 - 16	1770	179.97	26900	1.70	FAF	87	DRN	100LS4 MM30	130	286
1.8 - 18	1570	159.61	26300	1.90	F	87	DRN	100LS4 MM30	120	285
2.2 - 22	1320	134.16	25500	2.3	FF	87	DRN	100LS4 MM30	140	286
2.4 - 24	1210	123.29	25000	2.5						
2.6 - 26	1080	109.49	24400	2.8						
3.0 - 30	960	97.89	23800	3.1	FA	87	DRN	100LS4 MM30	115	287
					FAF	87	DRN	100LS4 MM30	130	286
					F	87	DRN	100LS4 MM30	120	285
					FF	87	DRN	100LS4 MM30	140	286
3.3 - 33	860	88.01	23200	3.5						

P _m = 3.0 kW										
n _a min ⁻¹	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
1.7 - 17	1640	166.47	14700	0.90						
2.0 - 20	1400	142.27	16300	1.05						
2.2 - 22	1280	130.42	17000	1.15						
2.5 - 25	1130	114.45	17800	1.35						
2.7 - 27	1070	108.46*	18000	1.40						
3.1 - 31	930	94.93	18500	1.60						
3.4 - 34	840	85.52	18800	1.80						
3.9 - 39	740	75.02	19200	2.0						
4.0 - 40	715	72.50	19200	2.1						
4.4 - 44	655	66.46	19400	2.3						
5.0 - 50	575	58.32	19500	2.6	FA	77	DRN	100LS4 MM30	77	281
					FAF	77	DRN	100LS4 MM30	83	280
5.2 - 52	545	55.27	19600	2.8	F	77	DRN	100LS4 MM30	81	279
					FF	77	DRN	100LS4 MM30	91	280
3.0 - 30	940	95.94	8280	0.85						
3.2 - 32	890	90.59	9580	0.90						
3.6 - 36	785	79.76	10600	1.05						
4.3 - 43	665	67.65	11500	1.25						
4.8 - 47	600	61.07	11900	1.35						
5.4 - 54	530	53.73	12300	1.55						
5.7 - 57	500	50.74	12400	1.65						
6.7 - 67	425	43.20	12700	1.90						
7.4 - 74	385	39.26	12900	2.0						
8.5 - 85	335	34.01	13000	2.2						
9.0 - 90	315	32.08	13000	2.6	FA	67	DRN	100LS4 MM30	53	275
11 - 106	270	27.41	13000	3.0	FAF	67	DRN	100LS4 MM30	59	274
12 - 115	245	25.13	13000	3.3	F	67	DRN	100LS4 MM30	55	273
13 - 132	215	22.05	13000	3.8	FF	67	DRN	100LS4 MM30	62	274
4.9 - 49	580	58.97	7480	1.05						
5.8 - 58	490	50.10	7430	1.20						
6.5 - 65	440	44.73	7360	1.35						
7.6 - 76	375	38.21	7230	1.60						
8.1 - 81	350	35.79	7160	1.70						
9.6 - 96	295	30.15	6980	2.0						
12 - 116	245	24.96	6750	2.3	FA	57	DRN	100LS4 MM30	49	269
14 - 137	205	21.17	6540	2.9	FAF	57	DRN	100LS4 MM30	55	268
15 - 152	189	19.11	6400	3.2	F	57	DRN	100LS4 MM30	50	267
17 - 172	166	16.81	6220	3.6	FF	57	DRN	100LS4 MM30	56	268
6.8 - 68	420	42.86	3810	0.95	FA	47	DRN	100LS4 MM30	42	263
7.9 - 79	360	36.61	4760	1.10	FAF	47	DRN	100LS4 MM30	45	262
8.5 - 85	335	34.29	4760	1.20	F	47	DRN	100LS4 MM30	43	261
10 - 100	285	28.88	4740	1.40	FF	47	DRN	100LS4 MM30	46	262
11 - 113	250	25.72	4700	1.55						
13 - 133	215	21.82	4620	1.85						
15 - 147	195	19.70	4550	2.1						
17 - 167	171	17.33	4470	2.3						
18 - 177	162	16.36	4430	2.5						
21 - 208	138	13.93	4300	2.9						
17 - 170	168	17.03	2400	1.20						
20 - 202	142	14.33	2410	1.40						
23 - 225	127	12.87	2400	1.55						
26 - 262	109	11.08	2380	1.75						
28 - 278	103	10.42	2370	1.80						
32 - 323	89	8.97	2330	2.0						
36 - 362	79	8.01	2300	2.1						
43 - 430	67	6.74	2180	2.1						
48 - 479	60	6.05	2140	2.3						
56 - 556	51	5.21	2080	2.4						
59 - 592	48	4.90	2060	2.5						
69 - 688	42	4.22	2000	2.6						
77 - 770	37	3.77	1950	2.8						

P_m = 4.0 kW

n_a min ⁻¹	M_a Nm	i	$F_{Ra}^{1)}$ N	SEW f_B					m kg	
1.1 - 11	3350	254.40*	59700	2.3	FA	107	DRN	100L4 MM40	265	299
1.4 - 13	2830	215.37	60700	2.7	FAF	107	DRN	100L4 MM40	285	298
1.4 - 15	2620	199.31	61100	2.9	F	107	DRN	100L4 MM40	280	297
1.6 - 16	2350	178.64	61600	3.3	FF	107	DRN	100L4 MM40	305	298
1.8 - 18	2120	161.28*	62000	3.6						
1.1 - 10	3640	276.77	31700	1.20						
1.1 - 11	3330	253.41	32500	1.30						
1.3 - 13	2940	223.88	33400	1.45	FA	97	DRN	100L4 MM40	190	293
1.5 - 15	2500	189.92	34400	1.70	FAF	97	DRN	100L4 MM40	210	292
1.7 - 17	2300	174.87	34800	1.85	F	97	DRN	100L4 MM40	195	291
1.9 - 19	2050	156.30	35300	2.1	FF	97	DRN	100L4 MM40	230	292
2.1 - 21	1850	140.71	35700	2.3						
2.3 - 23	1670	127.42	36000	2.6						
2.6 - 26	1480	112.99	36200	2.9	FA	97	DRN	100L4 MM40	190	293
2.8 - 28	1340	102.16	35400	3.2	FAF	97	DRN	100L4 MM40	210	292
					F	97	DRN	100L4 MM40	195	291
					FF	97	DRN	100L4 MM40	230	292
1.3 - 13	3010	228.93	19200	1.00						
1.5 - 15	2590	197.20	24500	1.15						
1.6 - 16	2370	179.97	24600	1.25						
1.8 - 18	2100	159.61	24300	1.45	FA	87	DRN	100L4 MM40	125	287
2.2 - 22	1760	134.16	23800	1.70	FAF	87	DRN	100L4 MM40	135	286
2.4 - 24	1620	123.29	23500	1.85	F	87	DRN	100L4 MM40	130	285
2.6 - 26	1440	109.49	23000	2.1	FF	87	DRN	100L4 MM40	145	286
3.0 - 30	1280	97.89	22600	2.3						
3.3 - 33	1150	88.01	22100	2.6						
3.8 - 38	1000	76.39	21500	3.0	FA	87	DRN	100L4 MM40	125	287
4.2 - 42	900	68.40	21000	3.3	FAF	87	DRN	100L4 MM40	135	286
					F	87	DRN	100L4 MM40	130	285
					FF	87	DRN	100L4 MM40	145	286
2.2 - 22	1710	130.42	14100	0.85						
2.5 - 25	1500	114.45	15700	1.00						
2.7 - 27	1420	108.46*	16200	1.05						
3.1 - 31	1250	94.93	17200	1.20	FA	77	DRN	100L4 MM40	84	281
3.4 - 34	1120	85.52	17800	1.35	FAF	77	DRN	100L4 MM40	91	280
3.9 - 39	980	75.02	18400	1.50	F	77	DRN	100L4 MM40	88	279
4.0 - 40	950	72.50	18500	1.55	FF	77	DRN	100L4 MM40	98	280
4.4 - 44	870	66.46	18800	1.70						
5.0 - 50	765	58.32	19100	1.95						
5.2 - 52	725	55.27	19200	2.1						
6.0 - 60	635	48.37	19400	2.4						
6.7 - 67	570	43.58	19600	2.6	FA	77	DRN	100L4 MM40	84	281
7.6 - 76	500	38.23	19700	3.0	FAF	77	DRN	100L4 MM40	91	280
8.6 - 86	440	33.74	19800	3.4	F	77	DRN	100L4 MM40	88	279
					FF	77	DRN	100L4 MM40	98	280
4.3 - 43	890	67.65	9620	0.90						
4.8 - 47	800	61.07	10400	1.00						
5.4 - 54	705	53.73	11200	1.15	FA	67	DRN	100L4 MM40	61	275
5.7 - 57	665	50.74	11500	1.25	FAF	67	DRN	100L4 MM40	67	274
6.7 - 67	565	43.20	12100	1.45	F	67	DRN	100L4 MM40	64	273
7.4 - 74	515	39.26	12300	1.50	FF	67	DRN	100L4 MM40	70	274
8.5 - 85	445	34.01	12600	1.65						
9.0 - 90	420	32.08	12700	1.95	FA	67	DRN	100L4 MM40	60	275
11 - 106	360	27.41	12900	2.3	FAF	67	DRN	100L4 MM40	66	274
12 - 115	330	25.13	13000	2.5	F	67	DRN	100L4 MM40	63	273
13 - 132	290	22.05	13000	2.8	FF	67	DRN	100L4 MM40	69	274
5.8 - 58	655	50.10	5360	0.90	FA	57	DRN	100L4 MM40	57	269
6.5 - 65	585	44.73	6480	1.00	FAF	57	DRN	100L4 MM40	63	268
7.6 - 76	500	38.21	6480	1.20	F	57	DRN	100L4 MM40	57	267
8.1 - 81	470	35.79	6470	1.25	FF	57	DRN	100L4 MM40	64	268
9.6 - 96	395	30.15	6390	1.50						

P_m = 4.0 kW										
n_a min⁻¹	M_a Nm	i	F_{Ra}¹⁾ N	SEW f_B					m kg	
12 - 116	325	24.96	6260	1.75	FA	57	DRN	100L4 MM40	56	269
14 - 137	275	21.17	6120	2.1	FAF	57	DRN	100L4 MM40	62	268
15 - 152	250	19.11	6020	2.4	F	57	DRN	100L4 MM40	57	267
17 - 172	220	16.81	5890	2.7	FF	57	DRN	100L4 MM40	63	268
18 - 183	205	15.88	5820	2.9						
10 - 100	380	28.88	4090	1.05	FA	47	DRN	100L4 MM40	49	263
					FAF	47	DRN	100L4 MM40	52	262
					F	47	DRN	100L4 MM40	50	261
					FF	47	DRN	100L4 MM40	53	262
11 - 113	335	25.72	4120	1.20	FA	47	DRN	100L4 MM40	49	263
13 - 133	285	21.82	4120	1.40						
15 - 147	255	19.70	4110	1.55						
17 - 167	225	17.33	4080	1.75						
18 - 177	215	16.36	4060	1.85						
21 - 208	184	13.93	3990	2.2						
23 - 229	167	12.66	3940	2.4						
26 - 264	144	10.97	3850	2.8						
32 - 324	118	8.96	3620	2.8						
17 - 170	220	17.03	1940	0.90	FA	37	DRN	100L4 MM40	44	257
20 - 202	189	14.33	2020	1.05						
23 - 225	169	12.87	2060	1.20						
26 - 262	146	11.08	2080	1.30						
28 - 278	137	10.42	2090	1.35						
32 - 323	118	8.97	2090	1.50						
36 - 362	106	8.01	2080	1.60						
43 - 430	89	6.74	1980	1.60						
48 - 479	80	6.05	1960	1.70						
56 - 556	69	5.21	1930	1.80						
59 - 592	65	4.90	1920	1.85						
69 - 688	56	4.22	1870	2.0						
77 - 770	50	3.77	1840	2.1						

9.2 F..DR..MM.. selection tables [1:5, 280 – 1400 min⁻¹]

P _m = 0.37 kW																
n _a min ⁻¹	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg							
1.2 - 6.1	575	228.99	12000	1.40	FA FAF F FF	67	DRS	71S4 MM03	34	275						
1.4 - 7.2	490	195.39	12400	1.65												
1.6 - 8.2	430	170.85	12700	1.90												
1.7 - 8.6	405	162.31	12800	2.0												
2.0 - 9.8	355	142.40	12900	2.3												
2.3 - 12	300	120.79	13000	2.7												
1.4 - 7.0	500	199.70	9900	1.20	FA FAF F FF	57	DRS	71S4 MM03	31	269						
1.5 - 7.6	460	183.60	10200	1.30												
1.8 - 8.9	395	157.09	10600	1.50												
2.1 - 10	340	136.16	10900	1.75												
2.2 - 11	320	127.27	11000	1.85												
2.5 - 13	275	110.01	11300	2.2												
3.0 - 15	235	93.47	11500	2.5												
3.4 - 17	210	83.46	11500	2.9												
1.9 - 9.3	375	150.06	6210	1.05	FA FAF F FF	47	DRS	71S4 MM03	24	263						
2.1 - 11	325	130.07	6790	1.20												
2.3 - 12	305	121.57	7000	1.30												
2.7 - 13	265	105.09	7350	1.50												
3.1 - 16	225	89.29	7620	1.80												
3.5 - 18	200	79.72	7760	2.0												
4.1 - 21	172	68.09	7910	2.3												
4.3 - 21	165	65.36	7940	2.4												
3.2 - 16	215	86.53	4010	0.90	FA FAF F FF	37	DRS	71S4 MM03	19	257						
3.5 - 17	200	80.65	4240	1.00												
4.0 - 20	178	70.50	4580	1.10												
4.2 - 21	167	66.09	4710	1.20												
4.8 - 24	147	58.32	4900	1.35												
5.1 - 26	138	54.54	4990	1.45												
5.4 - 27	130	51.70	5050	1.55												
6.0 - 30	119	47.02	5140	1.70												
6.4 - 32	111	43.83	5190	1.80												
7.3 - 37	97	38.31	5270	2.1												
7.8 - 39	91	35.91	5310	2.2												
8.8 - 44	80	31.69	5280	2.5												
10.0 - 50	71	28.09	5120	2.8												
12 - 59	60	23.88	4910	3.3												
12 - 59	60	23.63	4900	3.4	FA FAF F FF	37	DRS	71S4 MM03	19	257						
14 - 68	52	20.57	4720	3.9												
15 - 73	49	19.27	4630	4.1												
16 - 82	43	17.03	4480	4.7												
18 - 89	40	15.81	4380	5.0												
20 - 98	36	14.33	4260	5.5												
22 - 109	32	12.87	4130	6.2												
25 - 126	28	11.08	3960	6.8												
27 - 134	26	10.42	3880	7.0												
31 - 156	23	8.97	3720	7.7												
38 - 188	19	7.44	3490	7.7												
42 - 208	17	6.74	3390	8.2												
46 - 231	15	6.05	3280	8.8												
54 - 269	13	5.21	3140	9.5												
57 - 286	12	4.90	3080	9.7												
66 - 332	11	4.22	2940	10												
5.0 - 25	143	56.62	4070	0.90							FA FAF F FF	27	DRS	71S4 MM03	13	252
5.6 - 28	127	50.19	4000	1.05												
6.0 - 30	118	46.78	3960	1.10												
6.8 - 34	103	40.89	3870	1.25												
7.3 - 37	97	38.33	3830	1.35												
8.3 - 41	85	33.83	3740	1.50												

P_m = 0.37 kW										
n_a min⁻¹	M_a Nm	i	F_{Ra}¹⁾ N	SEW f_B					m kg	
9.5 - 47	75	29.56	3640	1.75	FA	27	DRS	71S4 MM03	12	252
10 - 52	69	27.18	3570	1.90						
12 - 60	59	23.25	3450	2.2						
14 - 69	51	20.15	3330	2.6						
15 - 74	48	18.84	3280	2.7						
17 - 86	41	16.28	3160	3.2						
20 - 101	35	13.84	3030	3.7						
23 - 113	31	12.35	2940	4.2						
27 - 133	27	10.55	2810	4.9						
28 - 142	25	9.88	2760	5.2						
30 - 149	24	9.40	2700	5.5						
34 - 172	21	8.13	2590	6.0						
41 - 203	17	6.91	2480	6.5						
45 - 227	16	6.17	2400	7.0						
53 - 266	13	5.27	2290	7.5						
57 - 284	12	4.93	2240	7.7						
67 - 337	10	4.16	2130	8.3						
					FAF	27	DRS	71S4 MM03	13	251
					F	27	DRS	71S4 MM03	13	250
					FF	27	DRS	71S4 MM03	14	251

P_m = 0.55 kW										
n_a min⁻¹	M_a Nm	i	F_{Ra}¹⁾ N	SEW f_B					m kg	
1.0 - 5.2	1010	270.68	28900	3.0	FA	87	DRS	71M4 MM05	99	287
1.1 - 5.5	950	255.37	29100	3.1						
1.2 - 6.1	850	228.93	29300	3.5						
1.4 - 7.1	735	197.20	29500	4.1						
1.2 - 6.2	840	225.79	18800	1.75	FA	77	DRS	71M4 MM05	60	281
1.4 - 7.1	740	198.31	19100	2.0						
1.5 - 7.4	705	188.40	19200	2.1						
1.7 - 8.4	620	166.47	19400	2.4						
2.0 - 9.8	530	142.27	19600	2.8	FAF	77	DRS	71M4 MM05	66	280
					F	77	DRS	71M4 MM05	64	279
					FF	77	DRS	71M4 MM05	74	280
1.4 - 7.2	730	195.39	11000	1.10	FA	67	DRS	71M4 MM05	36	275
1.6 - 8.2	640	170.85	11700	1.30						
1.7 - 8.6	605	162.31	11800	1.35						
2.0 - 9.8	530	142.40	12200	1.55						
2.3 - 12	450	120.79	12600	1.80						
2.6 - 13	405	109.04	12800	2.0						
2.9 - 15	355	95.94	12900	2.3						
3.1 - 15	335	90.59	13000	2.4						
1.8 - 8.9	585	157.09	9280	1.00	FAF	57	DRS	71M4 MM05	32	269
2.1 - 10	510	136.16	9850	1.15						
2.2 - 11	475	127.27	10100	1.25						
2.5 - 13	410	110.01	10500	1.45						
3.0 - 15	350	93.47	10900	1.70						
3.4 - 17	310	83.46	11100	1.90						
3.8 - 19	270	72.98	11300	2.2						
4.1 - 21	255	68.22	11400	2.3						
4.8 - 24	220	58.97	11500	2.7	F	57	DRS	71M4 MM05	37	268
					FF	57	DRS	71M4 MM05	38	268
2.7 - 13	390	105.09	6000	1.00	FA	47	DRS	71M4 MM05	25	263
3.1 - 16	330	89.29	6720	1.20						
3.5 - 18	295	79.72	7070	1.35						
4.1 - 21	255	68.09	7420	1.55						
4.3 - 21	245	65.36	7490	1.65						
5.0 - 25	210	56.49	7700	1.90						
5.8 - 29	180	48.00*	7870	2.2						
6.5 - 33	161	42.86	7960	2.5						

P_m = 0.55 kW

n_a min ⁻¹	M_a Nm	i	$F_{Ra}^{1)}$ N	SEW f_B					m kg	
4.2 - 21	245	66.09	2980	0.80	FA FAF F FF	37	DRS	71M4 MM05	20	257
4.8 - 24	215	58.32	4000	0.90					21	256
5.1 - 26	200	54.54	4230	1.00					20	255
5.4 - 27	194	51.70	4380	1.05					22	256
6.0 - 30	176	47.02	4600	1.15						
6.4 - 32	164	43.83	4730	1.20						
7.3 - 37	144	38.31	4940	1.40						
7.8 - 39	135	35.91	5010	1.50						
8.8 - 44	119	31.69	4960	1.70						
10.0 - 50	105	28.09	4840	1.90						
12 - 59	90	23.88	4670	2.2	FA FAF F FF	37	DRS	71M4 MM05	20	257
12 - 59	89	23.63	4660	2.3					21	256
14 - 68	77	20.57	4510	2.6					20	255
15 - 73	72	19.27	4440	2.8					22	256
16 - 82	64	17.03	4300	3.1						
18 - 89	59	15.81	4220	3.4						
20 - 98	54	14.33	4120	3.7						
22 - 109	48	12.87	4000	4.1						
25 - 126	42	11.08	3840	4.6						
27 - 134	39	10.42	3780	4.7						
31 - 156	34	8.97	3620	5.2						
35 - 175	30	8.01	3510	5.7						
38 - 188	28	7.44	3410	5.2						
42 - 208	25	6.74	3320	5.5						
46 - 231	23	6.05	3220	6.0						
54 - 269	20	5.21	3080	6.4						
57 - 286	18	4.90	3020	6.5						
66 - 332	16	4.22	2890	7.0						
74 - 372	14	3.77	2790	7.4						
6.8 - 34	153	40.89	3430	0.85	FA FAF F FF	27	DRS	71M4 MM05	14	252
7.3 - 37	144	38.33	3410	0.90					14	251
8.3 - 41	127	33.83	3370	1.00					14	250
									15	251
12 - 60	87	23.25	3190	1.50	FA FAF F FF	27	DRS	71M4 MM05	13	252
14 - 69	76	20.15	3110	1.70					14	251
15 - 74	71	18.84	3070	1.85					14	250
17 - 86	61	16.28	2980	2.1					15	251
20 - 101	52	13.84	2880	2.5						
23 - 113	46	12.35	2800	2.8						
27 - 133	40	10.55	2700	3.3						
28 - 142	37	9.88	2660	3.5						
30 - 149	35	9.40	2590	3.7						
34 - 172	30	8.13	2500	4.0						
41 - 203	26	6.91	2390	4.4						
45 - 227	23	6.17	2320	4.7						
53 - 266	20	5.27	2220	5.1						
57 - 284	19	4.93	2180	5.2						
67 - 337	16	4.16	2080	5.6						

P_m = 0.75 kW

n_a min ⁻¹	M_a Nm	i	$F_{Ra}^{1)}$ N	SEW f_B					m kg	
1.0 - 5.2	1380	270.68	28100	2.2	FA	87	DRN	80M4 MM07	105	287
1.1 - 5.5	1300	255.37	28300	2.3	FAF	87	DRN	80M4 MM07	115	286
1.2 - 6.1	1170	228.93	28600	2.6	F	87	DRN	80M4 MM07	110	285
1.4 - 7.1	1000	197.20	29000	3.0	FF	87	DRN	80M4 MM07	125	286
1.2 - 6.2	1150	225.79	17700	1.30	FA	77	DRN	80M4 MM07	65	281
1.4 - 7.1	1010	198.31	18200	1.50	FAF	77	DRN	80M4 MM07	71	280
1.5 - 7.4	960	188.40	18400	1.55	F	77	DRN	80M4 MM07	68	279
					FF	77	DRN	80M4 MM07	79	280

P_m = 0.75 kW										
n_a min⁻¹	M_a Nm	i	F_{Ra}¹⁾ N	SEW f_B					m kg	
1.7 - 8.4	850	166.47	18800	1.75						
2.0 - 9.8	725	142.27	19200	2.1						
2.1 - 11	665	130.42	19300	2.2						
2.5 - 12	585	114.45	19500	2.6						
2.6 - 13	550	108.46*	19600	2.7						
1.6 - 8.2	870	170.85	9790	0.95	FA	77	DRN	80M4 MM07	65	281
1.7 - 8.6	830	162.31	10200	1.00	FAF	77	DRN	80M4 MM07	71	280
2.0 - 9.8	725	142.40	11100	1.15	F	77	DRN	80M4 MM07	68	279
2.3 - 12	615	120.79	11800	1.35	FF	77	DRN	80M4 MM07	79	280
2.6 - 13	555	109.04	12100	1.45	FA	67	DRN	80M4 MM07	41	275
2.9 - 15	490	95.94	12400	1.65						
3.1 - 15	460	90.59	12600	1.75						
3.5 - 18	405	79.76	12800	2.0						
4.1 - 21	345	67.65	13000	2.4						
4.6 - 23	310	61.07	13000	2.6	F	67	DRN	80M4 MM07	43	273
5.2 - 26	270	53.73	13000	3.0	FF	67	DRN	80M4 MM07	49	274
2.2 - 11	650	127.27	6340	0.90	FA	57	DRN	80M4 MM07	37	269
2.5 - 13	560	110.01	9480	1.05						
3.0 - 15	475	93.47	10100	1.25						
3.4 - 17	425	83.46	10400	1.40						
3.8 - 19	370	72.98	10700	1.60						
4.1 - 21	345	68.22	10900	1.70	FAF	57	DRN	80M4 MM07	42	268
4.8 - 24	300	58.97	11100	2.0	F	57	DRN	80M4 MM07	37	267
5.6 - 28	255	50.10	11400	2.3	FF	57	DRN	80M4 MM07	43	268
6.3 - 31	225	44.73	11400	2.6	FA	47	DRN	80M4 MM07	29	263
7.3 - 37	195	38.21	10900	3.1						
3.5 - 18	405	79.72	5680	1.00						
4.1 - 21	345	68.09	6580	1.15						
4.3 - 21	330	65.36	6730	1.20						
5.0 - 25	285	56.49	7160	1.40	F	47	DRN	80M4 MM07	30	261
5.8 - 29	245	48.00*	7490	1.65	FF	47	DRN	80M4 MM07	33	262
6.5 - 33	215	42.86	7660	1.80	FA	47	DRN	80M4 MM07	29	263
7.7 - 38	187	36.61	7840	2.1						
8.2 - 41	175	34.29	7820	2.3						
9.7 - 48	148	28.88	7510	2.7						
6.0 - 30	240	47.02	3600	0.85						
6.4 - 32	220	43.83	3910	0.90	FAF	37	DRN	80M4 MM07	24	257
7.3 - 37	196	38.31	4350	1.00	F	37	DRN	80M4 MM07	26	256
7.8 - 39	184	35.91	4510	1.10	FF	37	DRN	80M4 MM07	25	255
8.8 - 44	162	31.69	4610	1.25	FA	37	DRN	80M4 MM07	27	256
10.0 - 50	144	28.09	4520	1.40						
12 - 59	122	23.88	4400	1.65						
12 - 59	121	23.63	4390	1.65						
14 - 68	105	20.57	4280	1.90						
15 - 73	99	19.27	4220	2.0	FAF	37	DRN	80M4 MM07	24	257
16 - 82	87	17.03	4110	2.3	F	37	DRN	80M4 MM07	26	256
18 - 89	81	15.81	4050	2.5	FF	37	DRN	80M4 MM07	25	255
20 - 98	73	14.33	3960	2.7	FA	37	DRN	80M4 MM07	27	256
22 - 109	66	12.87	3860	3.0						
25 - 126	57	11.08	3720	3.4						
27 - 134	53	10.42	3660	3.5						
31 - 156	46	8.97	3520	3.8						
35 - 175	41	8.01	3420	4.2	F	37	DRN	80M4 MM07	25	255
38 - 188	38	7.44	3320	3.8	FF	37	DRN	80M4 MM07	27	256
42 - 208	34	6.74	3230	4.1	FA	37	DRN	80M4 MM07	24	257
46 - 231	31	6.05	3140	4.4						
54 - 269	27	5.21	3010	4.7						
57 - 286	25	4.90	2960	4.8						
66 - 332	22	4.22	2840	5.1						
74 - 372	19	3.77	2750	5.5						

P_m = 0.75 kW

n _a min ⁻¹	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
12 - 60	119	23.25	2910	1.10						
14 - 69	103	20.15	2870	1.25						
15 - 74	96	18.84	2840	1.35						
17 - 86	83	16.28	2780	1.55						
20 - 101	71	13.84	2710	1.85						
23 - 113	63	12.35	2650	2.1						
27 - 133	54	10.55	2570	2.4	FA	27	DRN	80M4 MM07	18	252
28 - 142	51	9.88	2540	2.6	FAF	27	DRN	80M4 MM07	19	251
30 - 149	48	9.40	2460	2.7	F	27	DRN	80M4 MM07	19	250
34 - 172	42	8.13	2390	3.0	FF	27	DRN	80M4 MM07	19	251
41 - 203	35	6.91	2300	3.2						
45 - 227	32	6.17	2240	3.5						
53 - 266	27	5.27	2150	3.7						
57 - 284	25	4.93	2120	3.8						
67 - 337	21	4.16	2030	4.1						

P_m = 1.1 kW

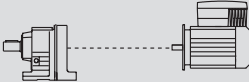
n _a min ⁻¹	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
1.0 - 5.1	2070	276.77	35200	2.1	FA	97	DRN	90S4 MM11	175	293
1.1 - 5.5	1900	253.41	35600	2.3	FAF	97	DRN	90S4 MM11	195	292
1.2 - 6.2	1670	223.88	36000	2.6	F	97	DRN	90S4 MM11	180	291
1.5 - 7.4	1420	189.92	36400	3.0	FF	97	DRN	90S4 MM11	215	292
1.0 - 5.2	2030	270.68	26300	1.50	FA	87	DRN	90S4 MM11	110	287
1.1 - 5.5	1910	255.37	26700	1.55	FAF	87	DRN	90S4 MM11	120	286
1.2 - 6.1	1710	228.93	27200	1.75	F	87	DRN	90S4 MM11	115	285
1.4 - 7.1	1470	197.20	27900	2.0	FF	87	DRN	90S4 MM11	130	286
1.6 - 7.8	1350	179.97	28200	2.2	FA	87	DRN	90S4 MM11	110	287
1.8 - 8.8	1190	159.61	28500	2.5	FAF	87	DRN	90S4 MM11	120	286
2.1 - 10	1000	134.16	29000	3.0	F	87	DRN	90S4 MM11	115	285
2.3 - 11	920	123.29	29100	3.2	FF	87	DRN	90S4 MM11	130	286
1.4 - 7.1	1480	198.31	15800	1.00	FA	77	DRN	90S4 MM11	69	281
1.5 - 7.4	1410	188.40	16300	1.05	FAF	77	DRN	90S4 MM11	76	280
1.7 - 8.4	1240	166.47	17200	1.20	F	77	DRN	90S4 MM11	73	279
2.0 - 9.8	1060	142.27	18000	1.40	FF	77	DRN	90S4 MM11	84	280
2.1 - 11	970	130.42	18400	1.55						
2.5 - 12	850	114.45	18800	1.75						
2.6 - 13	810	108.46*	18900	1.85	FA	77	DRN	90S4 MM11	69	281
3.0 - 15	710	94.93	19200	2.1	FAF	77	DRN	90S4 MM11	76	280
3.3 - 16	640	85.52	19400	2.3	F	77	DRN	90S4 MM11	73	279
3.7 - 19	560	75.02	19600	2.7	FF	77	DRN	90S4 MM11	84	280
3.9 - 19	540	72.50	19600	2.8						
2.6 - 13	810	109.04	10300	1.00						
2.9 - 15	715	95.94	11100	1.15						
3.1 - 15	675	90.59	11400	1.20						
3.5 - 18	595	79.76	11900	1.35	FA	67	DRN	90S4 MM11	47	275
4.1 - 21	505	67.65	12400	1.60	FAF	67	DRN	90S4 MM11	53	274
4.6 - 23	455	61.07	12600	1.80	F	67	DRN	90S4 MM11	50	273
5.2 - 26	400	53.73	12800	2.0	FF	67	DRN	90S4 MM11	56	274
5.5 - 28	380	50.74	12900	2.1						
6.5 - 32	320	43.20	13000	2.5						
7.1 - 36	290	39.26	13000	2.6						
3.4 - 17	625	83.46	8460	0.95						
3.8 - 19	545	72.98	9590	1.10						
4.1 - 21	510	68.22	9840	1.15	FA	57	DRN	90S4 MM11	43	269
4.8 - 24	440	58.97	10300	1.35	FAF	57	DRN	90S4 MM11	48	268
5.6 - 28	375	50.10	10700	1.60	F	57	DRN	90S4 MM11	43	267
6.3 - 31	335	44.73	10700	1.80	FF	57	DRN	90S4 MM11	50	268
7.3 - 37	285	38.21	10400	2.1						
7.8 - 39	265	35.79	10200	2.2						
9.3 - 46	225	30.15	9810	2.6						

P _m = 1.1 kW										
n _a min ⁻¹	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
9.3 - 47	220	29.94	9790	2.4	FA	57	DRN	90S4 MM11	42	269
9.8 - 49	210	28.45	9670	2.5	FAF	57	DRN	90S4 MM11	48	268
11 - 56	187	24.96	9360	3.1	F	57	DRN	90S4 MM11	42	267
					FF	57	DRN	90S4 MM11	49	268
5.0 - 25	420	56.49	3740	0.95	FA	47	DRN	90S4 MM11	35	263
					FAF	47	DRN	90S4 MM11	38	262
					F	47	DRN	90S4 MM11	36	261
					FF	47	DRN	90S4 MM11	39	262
5.8 - 29	360	48.00*	6440	1.10						
6.5 - 33	320	42.86	6860	1.25	FA	47	DRN	90S4 MM11	35	263
7.7 - 38	270	36.61	7270	1.45	FAF	47	DRN	90S4 MM11	38	262
8.2 - 41	255	34.29	7260	1.55	F	47	DRN	90S4 MM11	36	261
9.7 - 48	215	28.88	7040	1.85	FF	47	DRN	90S4 MM11	39	262
9.1 - 45	230	30.86	7130	1.75	FA	47	DRN	90S4 MM11	34	263
9.6 - 48	215	29.32	7060	1.80	FAF	47	DRN	90S4 MM11	37	262
11 - 54	193	25.72	6880	2.1	F	47	DRN	90S4 MM11	35	261
13 - 64	164	21.82	6640	2.4	FF	47	DRN	90S4 MM11	38	262
14 - 71	148	19.70	6490	2.7						
8.8 - 44	235	31.69	3660	0.85	FA	37	DRN	90S4 MM11	30	257
10.0 - 50	210	28.09	3970	0.95	FAF	37	DRN	90S4 MM11	32	256
12 - 59	179	23.88	3930	1.10	F	37	DRN	90S4 MM11	31	255
					FF	37	DRN	90S4 MM11	33	256
14 - 68	154	20.57	3870	1.30						
15 - 73	145	19.27	3840	1.40						
16 - 82	128	17.03	3780	1.55						
18 - 89	119	15.81	3740	1.70						
20 - 98	108	14.33	3680	1.85						
22 - 109	97	12.87	3600	2.1						
25 - 126	83	11.08	3500	2.3						
27 - 134	78	10.42	3460	2.4	FA	37	DRN	90S4 MM11	30	257
31 - 156	67	8.97	3350	2.6	FAF	37	DRN	90S4 MM11	32	256
35 - 175	60	8.01	3260	2.8	F	37	DRN	90S4 MM11	31	255
38 - 188	56	7.44	3160	2.6	FF	37	DRN	90S4 MM11	32	256
42 - 208	51	6.74	3090	2.8						
46 - 231	45	6.05	3010	3.0						
54 - 269	39	5.21	2900	3.2						
57 - 286	37	4.90	2860	3.3						
66 - 332	32	4.22	2750	3.5						
74 - 372	28	3.77	2660	3.7						
14 - 69	151	20.15	2440	0.85						
15 - 74	141	18.84	2440	0.90						
17 - 86	122	16.28	2440	1.05						
20 - 101	104	13.84	2420	1.25						
23 - 113	93	12.35	2390	1.40						
27 - 133	79	10.55	2350	1.65	FA	27	DRN	90S4 MM11	24	252
28 - 142	74	9.88	2330	1.75	FAF	27	DRN	90S4 MM11	25	251
30 - 149	71	9.40	2240	1.85	F	27	DRN	90S4 MM11	24	250
34 - 172	61	8.13	2200	2.0	FF	27	DRN	90S4 MM11	25	251
41 - 203	52	6.91	2140	2.2						
45 - 227	46	6.17	2090	2.4						
53 - 266	40	5.27	2030	2.5						
57 - 284	37	4.93	2000	2.6						
67 - 337	31	4.16	1930	2.8						

P _m = 1.5 kW										
n _a min ⁻¹	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
1.0 - 5.1	2830	276.77	33700	1.50						
1.1 - 5.5	2590	253.41	34200	1.65	FA	97	DRN	90L4 MM15	175	293
1.2 - 6.2	2290	223.88	34800	1.90	FAF	97	DRN	90L4 MM15	200	292
1.5 - 7.4	1940	189.92	35500	2.2	F	97	DRN	90L4 MM15	185	291
1.6 - 8.0	1780	174.87	35800	2.4	FF	97	DRN	90L4 MM15	215	292
1.8 - 9.0	1590	156.30	36100	2.7						

P_m = 1.5 kW										
n_a min⁻¹	M_a Nm	i	F_{Ra}¹⁾ N	SEW f_B					m kg	
1.0 - 5.2	2760	270.68	23800	1.10	FA	87	DRN	90L4 MM15	110	287
1.1 - 5.5	2610	255.37	24400	1.15	FAF	87	DRN	90L4 MM15	125	286
1.2 - 6.1	2340	228.93	25400	1.30	F	87	DRN	90L4 MM15	120	285
1.4 - 7.1	2010	197.20	26400	1.50	FF	87	DRN	90L4 MM15	135	286
1.6 - 7.8	1840	179.97	26900	1.65	FA	87	DRN	90L4 MM15	110	287
1.8 - 8.8	1630	159.61	27500	1.85	FAF	87	DRN	90L4 MM15	125	286
2.1 - 10	1370	134.16	28100	2.2	F	87	DRN	90L4 MM15	120	285
2.3 - 11	1260	123.29	28400	2.4	FF	87	DRN	90L4 MM15	135	286
2.6 - 13	1120	109.49	28700	2.7						
1.7 - 8.4	1700	166.47	14200	0.90	FA	77	DRN	90L4 MM15	73	281
2.0 - 9.8	1450	142.27	16000	1.05	FAF	77	DRN	90L4 MM15	79	280
2.1 - 11	1330	130.42	16700	1.10	F	77	DRN	90L4 MM15	76	279
2.5 - 12	1170	114.45	17600	1.30	FF	77	DRN	90L4 MM15	87	280
2.6 - 13	1100	108.46*	17900	1.35						
3.0 - 15	970	94.93	18400	1.55						
3.3 - 16	870	85.52	18800	1.70	FA	77	DRN	90L4 MM15	73	281
3.7 - 19	765	75.02	19100	1.95	FAF	77	DRN	90L4 MM15	79	280
3.9 - 19	740	72.50	19200	2.0	F	77	DRN	90L4 MM15	76	279
4.2 - 21	675	66.46	19300	2.2	FF	77	DRN	90L4 MM15	87	280
4.8 - 24	595	58.32	19500	2.5						
5.1 - 25	565	55.27	19600	2.6						
3.5 - 18	810	79.76	10300	1.00						
4.1 - 21	690	67.65	11300	1.20						
4.6 - 23	620	61.07	11800	1.30	FA	67	DRN	90L4 MM15	50	275
5.2 - 26	545	53.73	12200	1.50	FAF	67	DRN	90L4 MM15	56	274
5.5 - 28	515	50.74	12300	1.60	F	67	DRN	90L4 MM15	53	273
6.5 - 32	440	43.20	12700	1.85	FF	67	DRN	90L4 MM15	59	274
7.1 - 36	400	39.26	12800	1.95						
8.2 - 41	345	34.01	13000	2.1						
7.7 - 39	370	36.30	12900	2.2	FA	67	DRN	90L4 MM15	49	275
8.7 - 44	325	32.08	13000	2.5	FAF	67	DRN	90L4 MM15	55	274
10 - 51	280	27.41	13000	2.9	F	67	DRN	90L4 MM15	52	273
11 - 56	255	25.13	13000	3.2	FF	67	DRN	90L4 MM15	58	274
4.8 - 24	600	58.97	9170	1.00						
5.6 - 28	510	50.10	9840	1.15	FA	57	DRN	90L4 MM15	46	269
6.3 - 31	455	44.73	10000	1.30	FAF	57	DRN	90L4 MM15	52	268
7.3 - 37	390	38.21	9750	1.55	F	57	DRN	90L4 MM15	46	267
7.8 - 39	365	35.79	9640	1.65	FF	57	DRN	90L4 MM15	53	268
9.3 - 46	305	30.15	9320	1.90						
9.3 - 47	305	29.94	9310	1.80	FA	57	DRN	90L4 MM15	45	269
9.8 - 49	290	28.45	9210	1.85	FAF	57	DRN	90L4 MM15	51	268
11 - 56	255	24.96	8960	2.2	F	57	DRN	90L4 MM15	46	267
13 - 66	215	21.17	8630	2.8	FF	57	DRN	90L4 MM15	52	268
15 - 73	196	19.11	8420	3.1						
7.7 - 38	370	36.61	6260	1.05	FA	47	DRN	90L4 MM15	38	263
8.2 - 41	350	34.29	6550	1.15	FAF	47	DRN	90L4 MM15	41	262
9.7 - 48	295	28.88	6500	1.35	F	47	DRN	90L4 MM15	39	261
					FF	47	DRN	90L4 MM15	42	262
9.1 - 45	315	30.86	6550	1.25						
9.6 - 48	295	29.32	6510	1.35						
11 - 54	260	25.72	6400	1.50	FA	47	DRN	90L4 MM15	38	263
13 - 64	220	21.82	6230	1.80	FAF	47	DRN	90L4 MM15	40	262
14 - 71	200	19.70	6120	2.0	F	47	DRN	90L4 MM15	38	261
16 - 81	177	17.33	5970	2.3	FF	47	DRN	90L4 MM15	42	262
17 - 86	167	16.36	5910	2.4						
20 - 100	143	13.93	5710	2.8						

P _m = 1.5 kW										
n _a min ⁻¹	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
14 - 68	210	20.57	3410	0.95	FA FAF F FF	37	DRN	90L4 MM15	33	257
15 - 73	197	19.27	3410	1.00						
16 - 82	174	17.03	3400	1.15						
18 - 89	162	15.81	3380	1.25						
20 - 98	147	14.33	3350	1.35						
22 - 109	132	12.87	3320	1.50						
25 - 126	113	11.08	3250	1.70						
27 - 134	107	10.42	3220	1.75						
31 - 156	92	8.97	3150	1.90						
35 - 175	82	8.01	3080	2.1						
38 - 188	76	7.44	2970	1.90						
42 - 208	69	6.74	2920	2.0						
46 - 231	62	6.05	2860	2.2						
54 - 269	53	5.21	2770	2.3						
57 - 286	50	4.90	2730	2.4						
66 - 332	43	4.22	2640	2.5						
74 - 372	39	3.77	2570	2.7						
20 - 101	142	13.84	2080	0.90	FA FAF F FF	27	DRN	90L4 MM15	27	252
23 - 113	126	12.35	2090	1.05						
27 - 133	108	10.55	2090	1.20						
28 - 142	101	9.88	2090	1.30						
30 - 149	96	9.40	1990	1.35						
34 - 172	83	8.13	1980	1.50						
41 - 203	71	6.91	1950	1.60						
45 - 227	63	6.17	1930	1.75						
53 - 266	54	5.27	1890	1.85						
57 - 284	50	4.93	1870	1.90						
67 - 337	43	4.16	1820	2.0						

P _m = 2.2 kW										
n _a min ⁻¹	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
1.0 - 5.1	4150	276.77	30300	1.05						
1.1 - 5.5	3800	253.41	31300	1.15						
1.2 - 6.2	3350	223.88	32500	1.30						
1.5 - 7.4	2840	189.92	33700	1.50						
1.6 - 8.0	2620	174.87	34100	1.65						
1.8 - 9.0	2340	156.30	34700	1.85						
2.0 - 9.9	2110	140.71	35200	2.0						
2.2 - 11	1910	127.42	35600	2.2						
2.5 - 12	1690	112.99	35900	2.5						
2.7 - 14	1530	102.16	36200	2.8						
1.4 - 7.1	2950	197.20	21300	1.00						
1.6 - 7.8	2700	179.97	24100	1.10						
1.8 - 8.8	2390	159.61	25200	1.25						
2.1 - 10	2010	134.16	26400	1.50						
2.3 - 11	1850	123.29	26900	1.60						
2.6 - 13	1640	109.49	27400	1.85						
2.9 - 14	1460	97.89	27900	2.0						
3.2 - 16	1320	88.01	28300	2.3						
3.7 - 18	1140	76.39	27900	2.6						
4.1 - 20	1020	68.40	27200	2.9						
2.5 - 12	1710	114.45	14100	0.85						
2.6 - 13	1620	108.46*	14800	0.90						
3.0 - 15	1420	94.93	16200	1.05						
3.3 - 16	1280	85.52	17000	1.15						

P _m = 2.2 kW																
n _a min ⁻¹	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg							
3.7 - 19	1120	75.02	17800	1.35												
3.9 - 19	1080	72.50	18000	1.40												
4.2 - 21	990	66.46	18300	1.50												
4.8 - 24	870	58.32	18800	1.70												
5.1 - 25	820	55.27	18900	1.80												
5.8 - 29	725	48.37	19200	2.1												
6.4 - 32	650	43.58	19400	2.3												
7.3 - 37	570	38.23	19600	2.6												
4.6 - 23	910	61.07	9350	0.90												
5.2 - 26	800	53.73	10400	1.00												
5.5 - 28	760	50.74	10800	1.10												
6.5 - 32	645	43.20	11600	1.25												
7.1 - 36	585	39.26	12000	1.30												
8.2 - 41	510	34.01	12400	1.45												
8.7 - 44	480	32.08	12500	1.70												
10 - 51	410	27.41	12800	2.0												
11 - 56	375	25.13	12900	2.2												
13 - 63	330	22.05	13000	2.5												
13 - 67	310	20.90*	13000	2.6												
15 - 77	270	18.29	13000	3.0												
6.3 - 31	670	44.73	3720	0.90												
7.3 - 37	570	38.21	8670	1.05												
7.8 - 39	535	35.79	8620	1.10												
9.3 - 46	450	30.15	8470	1.30												
11 - 56	370	24.96	8250	1.55												
13 - 66	315	21.17	8030	1.90												
15 - 73	285	19.11	7880	2.1												
17 - 83	250	16.81	7680	2.4												
18 - 88	235	15.88	7590	2.5												
21 - 104	200	13.52	7330	3.0												
11 - 54	385	25.72	5560	1.05												
13 - 64	325	21.82	5520	1.20												
14 - 71	295	19.70	5480	1.35												
16 - 81	260	17.33	5410	1.55												
17 - 86	245	16.36	5370	1.65												
20 - 100	205	13.93	5250	1.90												
22 - 111	190	12.66	5170	2.1												
26 - 128	165	10.97	5040	2.4												
31 - 156	134	8.96	4740	2.5												
36 - 178	118	7.88	4620	3.2												
20 - 98	215	14.33	2790	0.95												
22 - 109	193	12.87	2810	1.05												
25 - 126	166	11.08	2820	1.15												
27 - 134	156	10.42	2810	1.20												
31 - 156	135	8.97	2790	1.30												
35 - 175	120	8.01	2770	1.40												
42 - 208	101	6.74	2630	1.40												
46 - 231	91	6.05	2600	1.50												
54 - 269	78	5.21	2540	1.60												
57 - 286	74	4.90	2520	1.65												
66 - 332	63	4.22	2460	1.75												
74 - 372	57	3.77	2410	1.85												
20 - 98	215	14.33	2790	0.95												
22 - 109	193	12.87	2810	1.05												
25 - 126	166	11.08	2820	1.15												
27 - 134	156	10.42	2810	1.20												
31 - 156	135	8.97	2790	1.30												
35 - 175	120	8.01	2770	1.40												
42 - 208	101	6.74	2630	1.40												
46 - 231	91	6.05	2600	1.50												
54 - 269	78	5.21	2540	1.60												
57 - 286	74	4.90	2520	1.65												
66 - 332	63	4.22	2460	1.75												
74 - 372	57	3.77	2410	1.85												

P _m = 3.0 kW										
n _a min ⁻¹	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
1.1 - 5.5	5200	254.40*	55800	1.50						
1.3 - 6.5	4400	215.37	57600	1.75						
1.4 - 7.0	4070	199.31	58300	1.90						
1.6 - 7.8	3650	178.64	59100	2.1						
1.7 - 8.7	3300	161.28*	59800	2.3						
1.9 - 9.6	2990	146.49	60400	2.6						
2.1 - 11	2650	129.97	61000	2.9						

P _m = 3.0 kW										
n _a min ⁻¹	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
1.2 - 6.2	4580	223.88	29000	0.95	FA	97	DRN	100L4 MM30	190	293
1.5 - 7.4	3880	189.92	31100	1.10	FAF	97	DRN	100L4 MM30	210	292
1.6 - 8.0	3570	174.87	31900	1.20	F	97	DRN	100L4 MM30	195	291
					FF	97	DRN	100L4 MM30	230	292
1.8 - 9.0	3190	156.30	32800	1.35						
2.0 - 9.9	2870	140.71	33600	1.50						
2.2 - 11	2600	127.42	34200	1.65						
2.5 - 12	2310	112.99	34800	1.85	FA	97	DRN	100L4 MM30	190	293
2.7 - 14	2090	102.16	35200	2.1	FAF	97	DRN	100L4 MM30	210	292
2.9 - 14	1990	97.58	35400	2.1	F	97	DRN	100L4 MM30	195	291
3.1 - 16	1830	89.85	35700	2.3	FF	97	DRN	100L4 MM30	230	292
3.2 - 16	1770	86.59	35800	2.4						
3.5 - 17	1640	80.31	36000	2.6						
3.9 - 19	1470	72.29	36300	2.9						
2.1 - 10	2740	134.16	23900	1.10	FA	87	DRN	100L4 MM30	125	287
2.3 - 11	2520	123.29	24700	1.20	FAF	87	DRN	100L4 MM30	135	286
2.6 - 13	2240	109.49	25700	1.35	F	87	DRN	100L4 MM30	130	285
					FF	87	DRN	100L4 MM30	145	286
2.9 - 14	2000	97.89	26400	1.50						
3.2 - 16	1800	88.01	26900	1.65	FA	87	DRN	100L4 MM30	125	287
3.7 - 18	1560	76.39	26300	1.90	FAF	87	DRN	100L4 MM30	135	286
4.1 - 20	1390	68.40	25700	2.1	F	87	DRN	100L4 MM30	130	285
4.9 - 25	1160	56.75	24800	2.6	FF	87	DRN	100L4 MM30	145	286
5.6 - 28	1030	50.36	24100	2.9						
3.3 - 16	1740	85.52	13800	0.85	FA	77	DRN	100L4 MM30	84	281
3.7 - 19	1530	75.02	15500	1.00	FAF	77	DRN	100L4 MM30	91	280
3.9 - 19	1480	72.50	15800	1.00	F	77	DRN	100L4 MM30	88	279
4.2 - 21	1350	66.46	16600	1.10	FF	77	DRN	100L4 MM30	98	280
4.8 - 24	1190	58.32	17500	1.25						
5.1 - 25	1130	55.27	17800	1.35						
5.8 - 29	980	48.37	18300	1.50	FA	77	DRN	100L4 MM30	84	281
6.4 - 32	890	43.58	18700	1.70	FAF	77	DRN	100L4 MM30	91	280
7.3 - 37	780	38.23	19000	1.90	F	77	DRN	100L4 MM30	88	279
8.3 - 42	690	33.74	19300	2.2	FF	77	DRN	100L4 MM30	98	280
9.4 - 47	610	29.91	19500	2.5						
11 - 55	520	25.54	19700	2.8						
7.7 - 38	745	36.58	19100	1.50	FA	77	DRN	100L4 MM30	83	281
8.9 - 44	640	31.51	19400	2.1	FAF	77	DRN	100L4 MM30	89	280
9.7 - 49	585	28.75	19500	2.4	F	77	DRN	100L4 MM30	86	279
11 - 55	520	25.50*	19700	2.9	FF	77	DRN	100L4 MM30	97	280
6.5 - 32	880	43.20	9690	0.95	FA	67	DRN	100L4 MM30	61	275
7.1 - 36	800	39.26	10500	0.95	FAF	67	DRN	100L4 MM30	67	274
8.2 - 41	695	34.01	11300	1.05	F	67	DRN	100L4 MM30	64	273
					FF	67	DRN	100L4 MM30	70	274
8.7 - 44	655	32.08	11600	1.25						
10 - 51	560	27.41	12100	1.45						
11 - 56	510	25.13	12300	1.60	FA	67	DRN	100L4 MM30	60	275
13 - 63	450	22.05	12600	1.80	FAF	67	DRN	100L4 MM30	66	274
13 - 67	425	20.90*	12700	1.90	F	67	DRN	100L4 MM30	63	273
15 - 77	370	18.29	12900	2.2	FF	67	DRN	100L4 MM30	69	274
17 - 85	335	16.48	13000	2.4						
19 - 97	295	14.46	13000	2.8						
11 - 56	510	24.96	7440	1.15						
13 - 66	430	21.17	7340	1.40						
15 - 73	390	19.11	7260	1.55						
17 - 83	340	16.81	7140	1.75						
18 - 88	320	15.88	7080	1.85	FA	57	DRN	100L4 MM30	56	269
21 - 104	275	13.52	6890	2.2	FAF	57	DRN	100L4 MM30	62	268
23 - 114	250	12.29	6780	2.4	F	57	DRN	100L4 MM30	57	267
26 - 132	215	10.64	6590	2.8	FF	57	DRN	100L4 MM30	63	268
30 - 150	190	9.31	6280	2.2						
34 - 171	168	8.19	6120	2.5						
36 - 181	158	7.73	6040	2.6						

P_m = 3.0 kW

n_a min^{-1}	M_a Nm	i	$F_{Ra}^{1)}$ N	SEW f_B					m kg	
14 - 71	400	19.70	4750	1.00	FA FAF F FF	47	DRN	100L4 MM30	49	263
16 - 81	350	17.33	4760	1.15						
17 - 86	330	16.36	4760	1.20						
20 - 100	285	13.93	4740	1.40						
22 - 111	255	12.66	4700	1.55						
26 - 128	220	10.97	4640	1.80						
31 - 156	183	8.96	4370	1.80						
36 - 178	161	7.88	4300	2.4						
38 - 188	152	7.44*	4260	2.5						
44 - 221	130	6.34	4150	2.7	FA FAF F FF	37	DRN	100L4 MM30	44	257
49 - 243	118	5.76	4080	2.9						
25 - 126	225	11.08	2320	0.85						
27 - 134	210	10.42	2350	0.85						
31 - 156	184	8.97	2390	0.95						
35 - 175	164	8.01	2410	1.05						
42 - 208	138	6.74	2290	1.00						
46 - 231	124	6.05	2300	1.10						
54 - 269	107	5.21	2280	1.15						
57 - 286	100	4.90	2280	1.20	FA FAF F FF	37	DRN	100L4 MM30	46	256
66 - 332	86	4.22	2250	1.25						
74 - 372	77	3.77	2220	1.35						

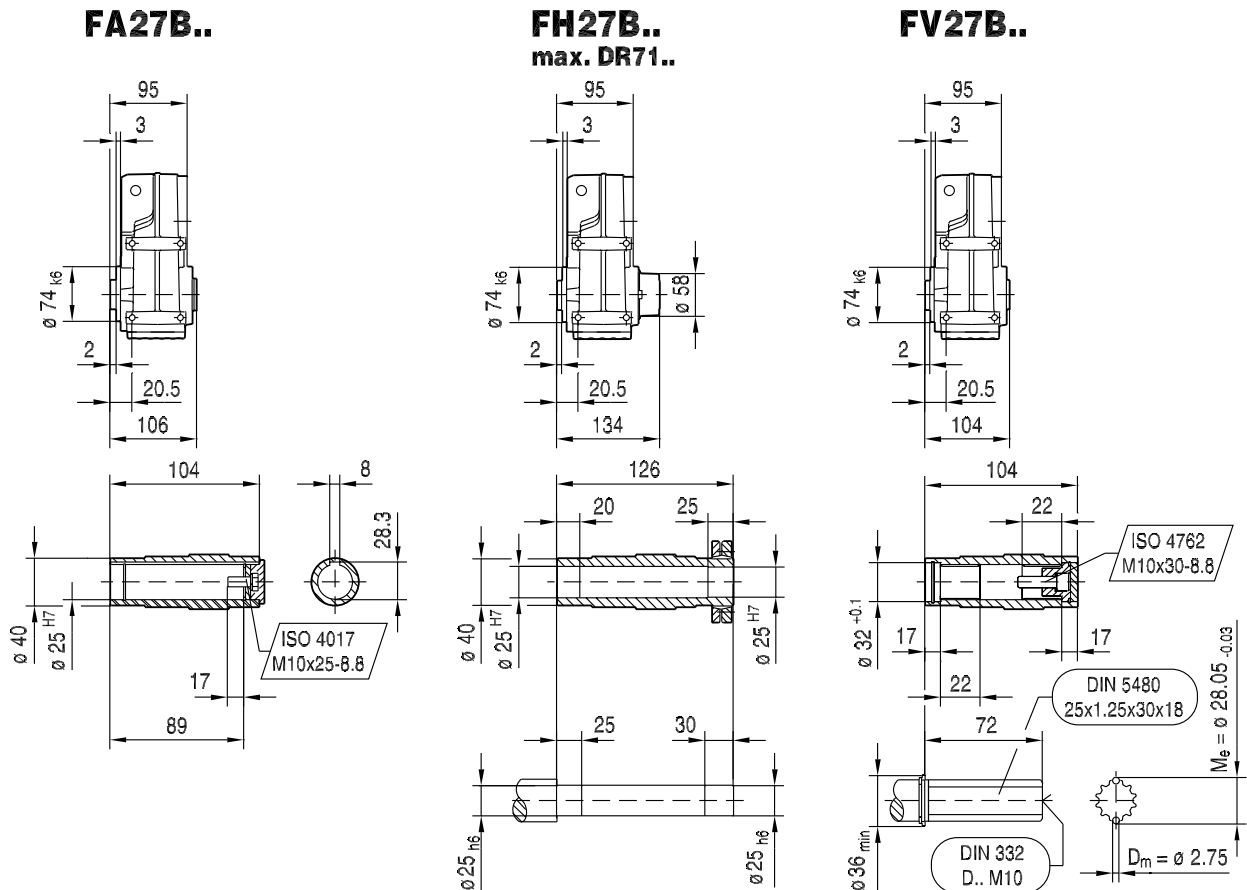
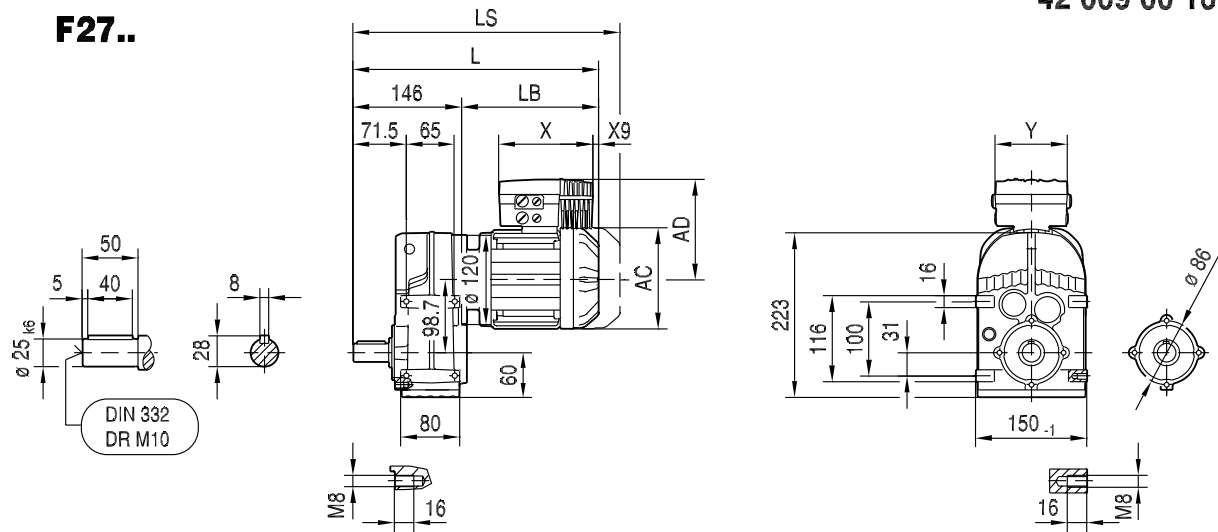
P_m = 4.0 kW

n_a min ⁻¹	M _a Nm	i	F _{Ra} ¹⁾ N	SEW f _B					m kg	
1.1 - 5.5	6940	254.40*	51700	1.10	FA FAF F FF	107 107 107 107	DRN DRN DRN DRN	112M4 MM40 112M4 MM40 112M4 MM40 112M4 MM40	270 290 290 315	299 298 297 298
1.3 - 6.5	5870	215.37	54300	1.30						
1.4 - 7.0	5430	199.31	55300	1.40						
1.6 - 7.8	4870	178.64	56600	1.60						
1.7 - 8.7	4400	161.28*	57600	1.75						
1.9 - 9.6	3990	146.49	58400	1.90						
2.1 - 11	3540	129.97	59300	2.2						
2.4 - 12	3210	117.94	60000	2.4						
2.8 - 14	2760	101.38*	60800	2.8						
3.0 - 15	2520	92.47*	61300	3.0						
1.6 - 8.0	4770	174.87	24200	0.90	FA	97	DRN	112M4 MM40	195	293
1.8 - 9.0	4260	156.30	30000	1.00	FAF	97	DRN	112M4 MM40	220	292
2.0 - 9.9	3830	140.71	31200	1.10	F	97	DRN	112M4 MM40	205	291
2.2 - 11	3470	127.42	32200	1.25	FF	97	DRN	112M4 MM40	235	292
2.5 - 12	3080	112.99	33100	1.40	FA FAF F FF	97 97 97 97	DRN DRN DRN DRN	112M4 MM40 112M4 MM40 112M4 MM40 112M4 MM40	195 220 205 235	293 292 291 292
2.7 - 14	2780	102.16	33800	1.55						
2.9 - 14	2660	97.58	34100	1.60						
3.1 - 16	2450	89.85	34500	1.75						
3.2 - 16	2360	86.59	34700	1.80						
3.5 - 17	2190	80.31	35000	1.95						
3.9 - 19	1970	72.29	35400	2.2						
4.3 - 21	1780	65.47	35800	2.4						
4.8 - 24	1580	58.06	36100	2.7						
5.3 - 27	1430	52.49	35900	3.0						
2.6 - 13	2980	109.49	20300	1.00	FA	87	DRN	112M4 MM40	135	287
2.9 - 14	2670	97.89	24200	1.10	FAF	87	DRN	112M4 MM40	145	286
3.2 - 16	2400	88.01	24600	1.25	F	87	DRN	112M4 MM40	140	285
					FF	87	DRN	112M4 MM40	155	286
3.7 - 18	2080	76.39	24300	1.45	FA FAF F FF	87 87 87 87	DRN DRN DRN DRN	112M4 MM40 112M4 MM40 112M4 MM40 112M4 MM40	135 145 140 155	287 286 285 286
4.1 - 20	1860	68.40	23900	1.60						
4.9 - 25	1540	56.75	23300	1.95						
5.6 - 28	1370	50.36	22800	2.1						
6.2 - 31	1230	45.28	22400	2.3						
7.1 - 36	1070	39.30	21700	2.5						
8.0 - 40	960	35.19	21200	2.7						
9.6 - 48	795	29.20	20400	3.1						

P_m = 4.0 kW										
n_a min⁻¹	M_a Nm	i	F_{Ra}¹⁾ N	SEW f_B					m kg	
4.2 - 21	1810	66.46	13200	0.85	FA	77	DRN	112M4 MM40	93	281
4.8 - 24	1590	58.32	15100	0.95	FAF	77	DRN	112M4 MM40	100	280
5.1 - 25	1500	55.27	15700	1.00	F	77	DRN	112M4 MM40	97	279
5.8 - 29	1310	48.37	16800	1.15	FF	77	DRN	112M4 MM40	110	280
6.4 - 32	1180	43.58	17500	1.25	FA	77	DRN	112M4 MM40	93	281
7.3 - 37	1040	38.23	18100	1.45	FAF	77	DRN	112M4 MM40	100	280
8.3 - 42	920	33.74	18600	1.65	F	77	DRN	112M4 MM40	97	279
9.4 - 47	810	29.91	18900	1.85	FF	77	DRN	112M4 MM40	110	280
11 - 55	695	25.54	19300	2.1						
8.9 - 44	850	31.51	18800	1.60						
9.7 - 49	780	28.75	19000	1.80						
11 - 55	695	25.50*	19300	2.2	FA	77	DRN	112M4 MM40	92	281
13 - 65	580	21.43	19500	2.6	FAF	77	DRN	112M4 MM40	98	280
14 - 71	535	19.70	19600	2.8	F	77	DRN	112M4 MM40	96	279
16 - 80	475	17.49	19700	3.1	FF	77	DRN	112M4 MM40	105	280
18 - 90	425	15.64*	19800	3.5						
20 - 100	380	14.06	19900	3.9						
8.2 - 41	920	34.01	9220	0.80	FA	67	DRN	112M4 MM40	70	275
					FAF	67	DRN	112M4 MM40	77	274
					F	67	DRN	112M4 MM40	73	273
					FF	67	DRN	112M4 MM40	79	274
10 - 51	745	27.41	10900	1.10						
11 - 56	685	25.13	11400	1.20						
13 - 63	600	22.05	11900	1.35						
13 - 67	570	20.90*	12100	1.45						
15 - 77	495	18.29	12400	1.65						
17 - 85	445	16.48	12600	1.80						
19 - 97	390	14.46	12800	2.1						
22 - 110	345	12.76	13000	2.4	FA	67	DRN	112M4 MM40	69	275
25 - 124	305	11.31	13000	2.7	FAF	67	DRN	112M4 MM40	76	274
29 - 145	260	9.66	13000	3.1	F	67	DRN	112M4 MM40	72	273
31 - 154	245	9.08	13000	2.1	FF	67	DRN	112M4 MM40	78	274
33 - 163	230	8.60	12800	2.4						
37 - 186	205	7.53	12500	3.0						
41 - 206	185	6.78	12200	3.4						
47 - 235	162	5.95	11800	3.8						
53 - 267	143	5.25	11400	4.1						
60 - 301	127	4.66	11100	4.4						
70 - 352	108	3.97	10600	4.6						
13 - 66	575	21.17	6490	1.05						
15 - 73	520	19.11	6490	1.15						
17 - 83	455	16.81	6460	1.30						
18 - 88	430	15.88	6440	1.40						
21 - 104	365	13.52	6350	1.65	FA	57	DRN	112M4 MM40	66	269
23 - 114	335	12.29	6280	1.80	FAF	57	DRN	112M4 MM40	71	268
26 - 132	290	10.64	6160	2.1	F	57	DRN	112M4 MM40	66	267
30 - 150	250	9.31	5860	1.65	FF	57	DRN	112M4 MM40	73	268
34 - 171	220	8.19	5750	1.90						
36 - 181	210	7.73	5690	2.0						
43 - 213	180	6.58	5530	2.3						
47 - 234	163	5.98	5430	2.6						
54 - 270	141	5.18	5270	2.9						

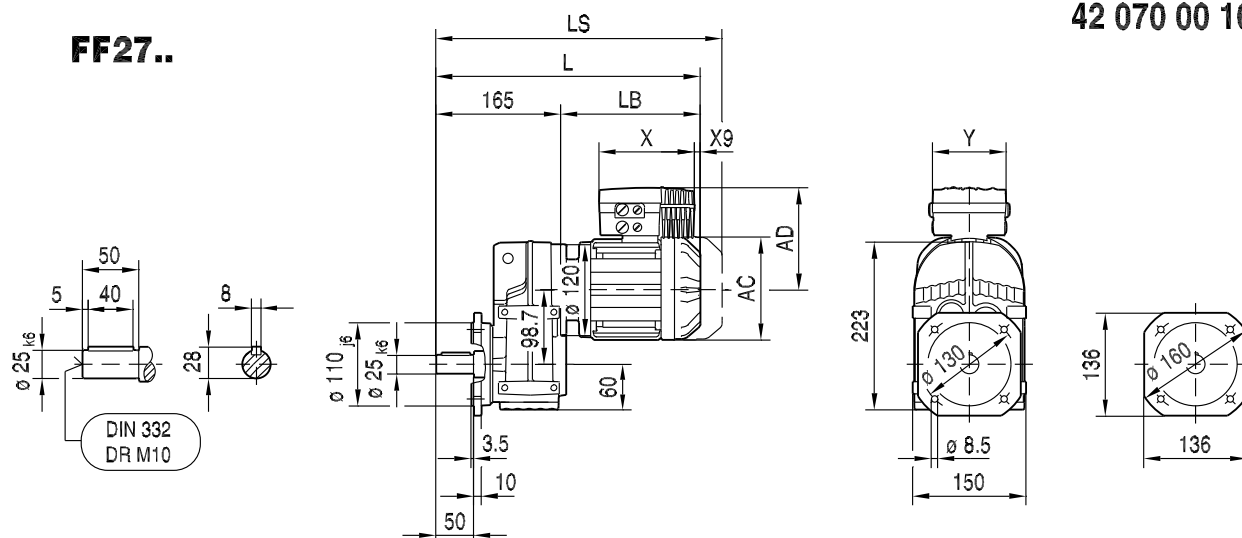
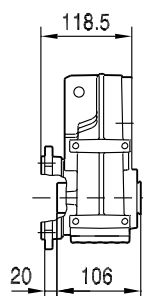
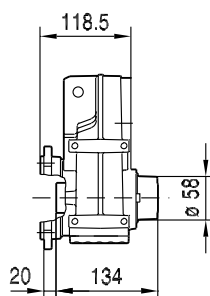
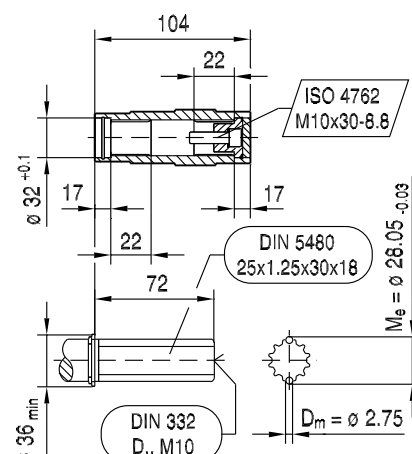
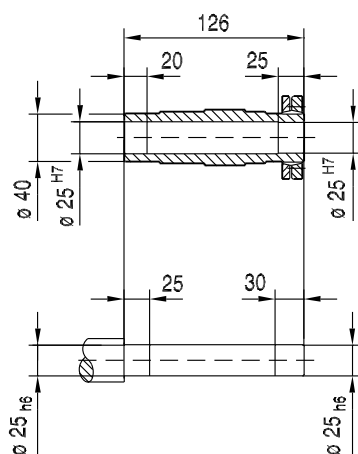
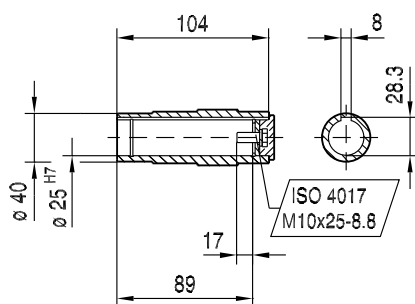
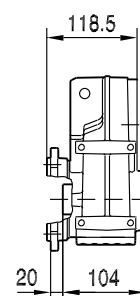
9.3 F..DR..MM.. dimension sheets in mm

42 069 00 16



(→ 149)	DR71S. MM..	DR71M. MM..	DRN80M. MM..	DRN90S. MM11/15	DRN90S. MM22	DRN90L. MM15	DRN90L. MM22/30	DRN100LS. MM..	DRN100L. MM..
AC	139	139	156	179	179	179	179	197	197
AD	185	185	197	208	208	208	208	216	216
L	348	373	428	429	429	461	461	460	510
LS	416	441	509	523	523	555	555	554	604
LB	202	227	282	283	283	315	315	314	364
X	182	182	182	182	228	182	228	228/254	228/254
X9	-14	-14	-7	-1	-16	-1	-16	-18/-44	-18/-44
Y	148	148	148	148	186	148	186	186	186

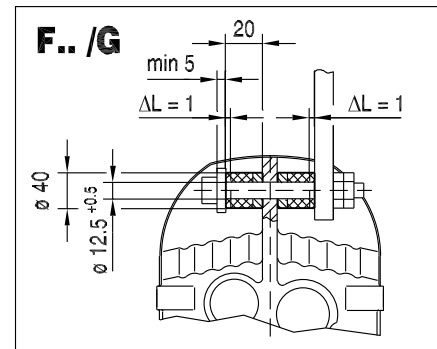
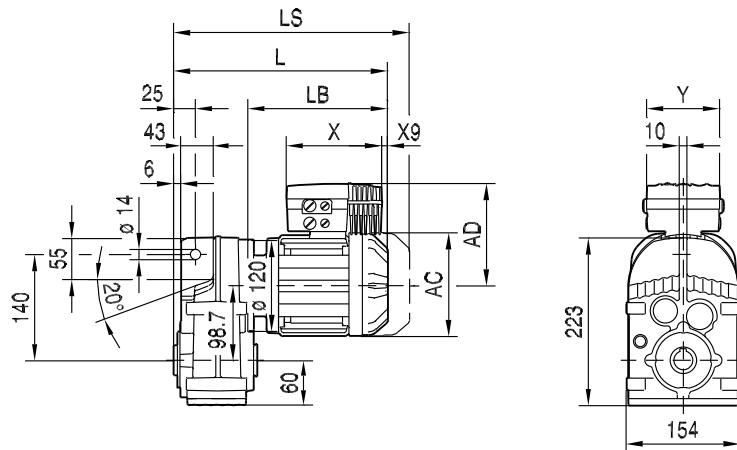
42 070 00 16

FF27..**FAF27..****FHF27..**
max. DR71..**FVF27..**

(→ 149)	DR71S. MM..	DR71M. MM..	DRN80M. MM..	DRN90S. MM11/15	DRN90S. MM22	DRN90L. MM15	DRN90L. MM22/30	DRN100LS. MM..	DRN100L. MM..
AC	139	139	156	179	179	179	179	197	197
AD	185	185	197	208	208	208	208	216	216
L	367	392	447	448	448	480	480	479	529
LS	435	460	528	542	542	574	574	573	623
LB	202	227	282	283	283	315	315	314	364
X	182	182	182	182	228	182	228	228/254	228/254
X9	-14	-14	-7	-1	-16	-1	-16	-18/-44	-18/-44
Y	148	148	148	148	186	148	186	186	186

FA27..

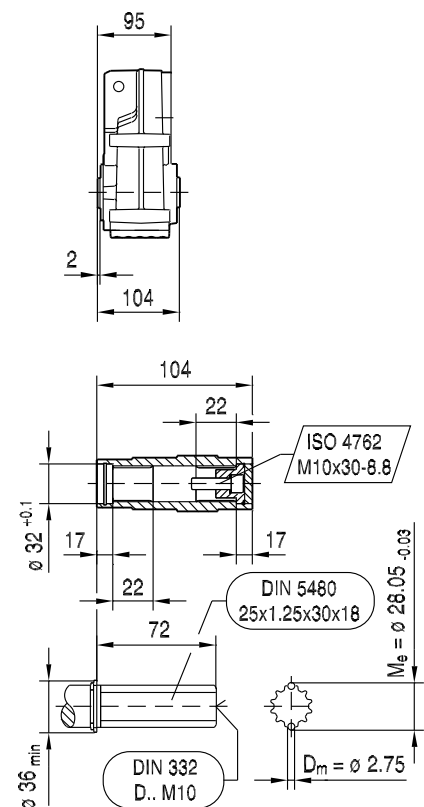
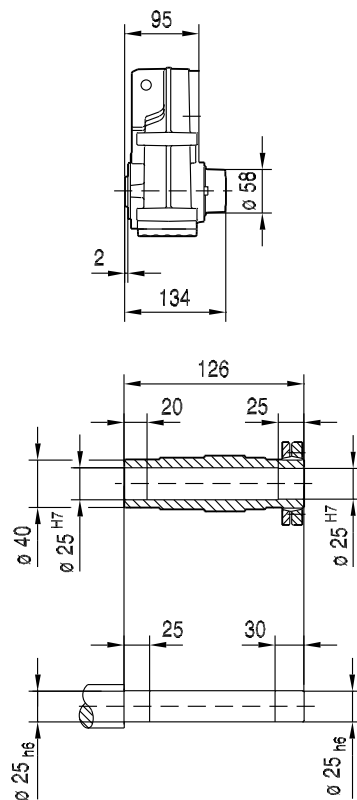
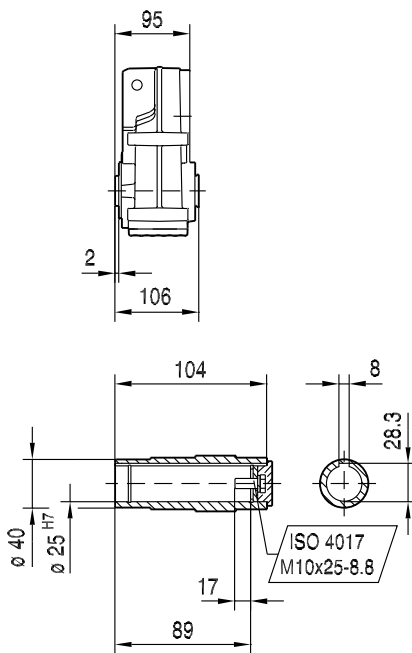
42 071 00 16



FA27..

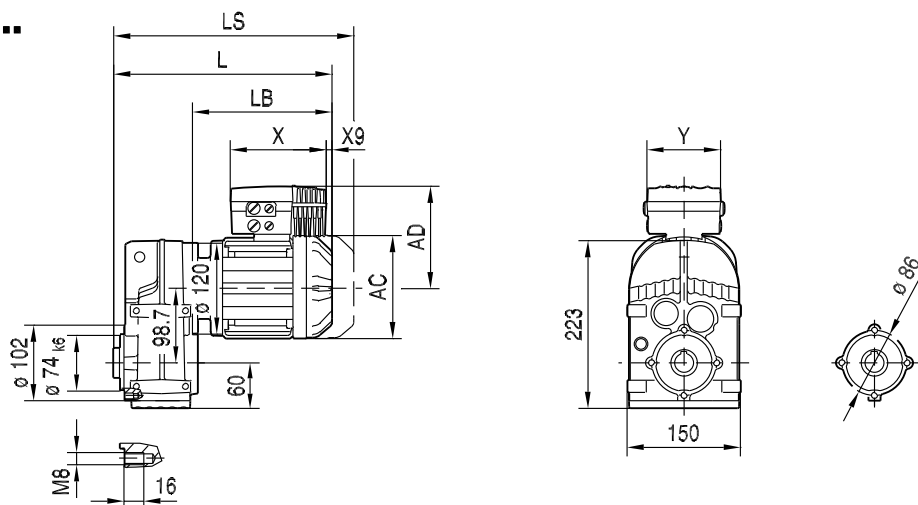
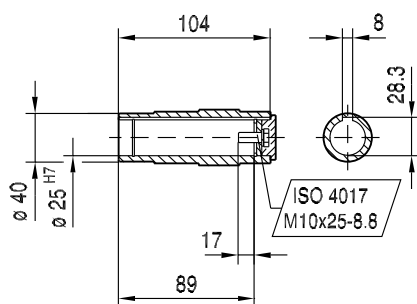
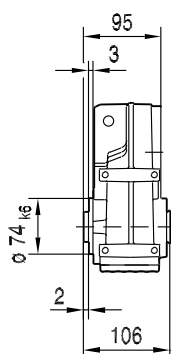
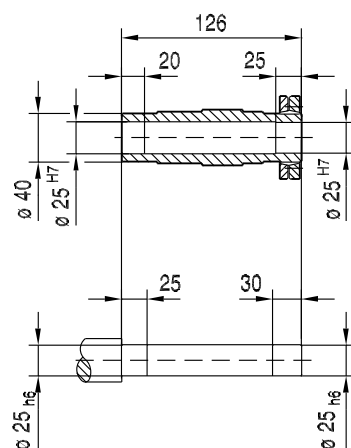
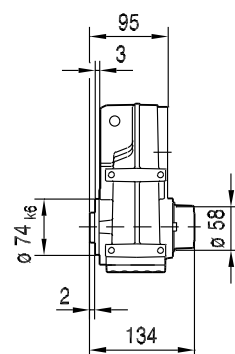
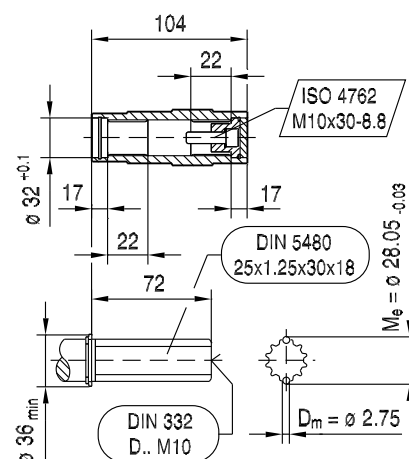
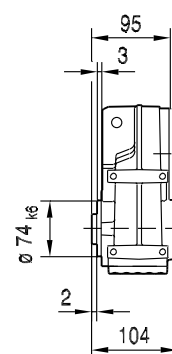
FH27..
max. DR71..

FV27..



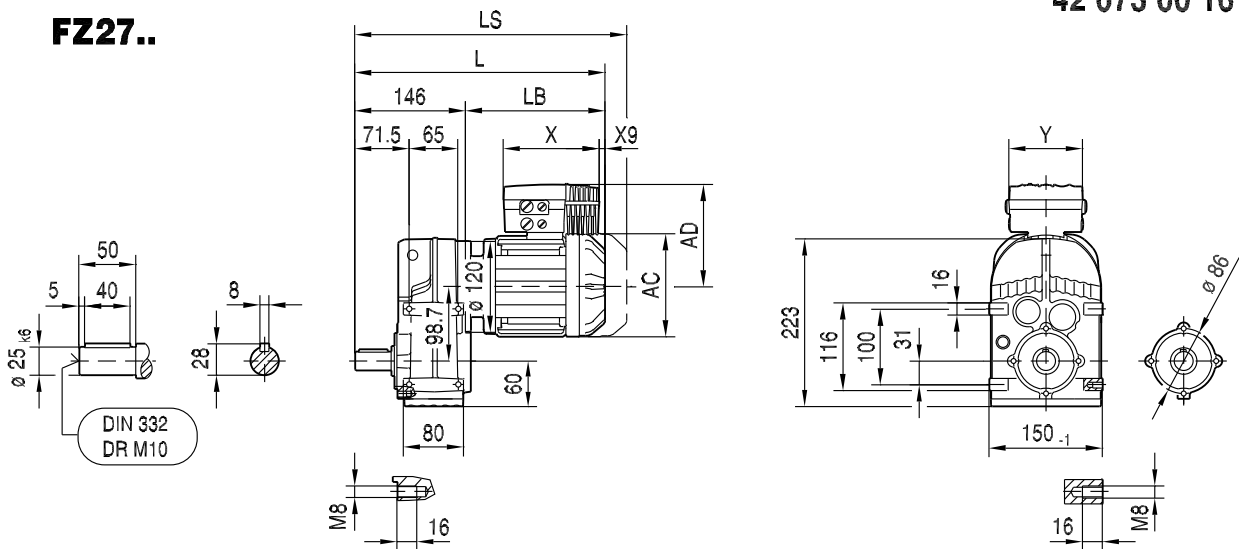
(→ 149)	DR71S. MM..	DR71M. MM..	DRN80M. MM..	DRN90S. MM11/15	DRN90S. MM22	DRN90L. MM15	DRN90L. MM22/30	DRN100LS. MM..	DRN100L. MM..
AC	139	139	156	179	179	179	179	197	197
AD	185	185	197	208	208	208	208	216	216
L	297	322	377	378	378	410	410	409	459
LS	365	390	458	472	472	504	504	503	553
LB	202	227	282	283	283	315	315	314	364
X	182	182	182	182	228	182	228	228/254	228/254
X9	-14	-14	-7	-1	-16	-1	-16	-18/-44	-18/-44
Y	148	148	148	148	186	148	186	186	186

42 072 00 16

FAZ27..**FAZ27..****FHZ27..**
max. DR71..**FVZ27..**

(→ 149)	DR71S. MM..	DR71M. MM..	DRN80M. MM..	DRN90S. MM11/15	DRN90S. MM22	DRN90L. MM15	DRN90L. MM22/30	DRN100LS. MM..	DRN100L. MM..
AC	139	139	156	179	179	179	179	197	197
AD	185	185	197	208	208	208	208	216	216
L	297	322	377	378	378	410	410	409	459
LS	365	390	458	472	472	504	504	503	553
LB	202	227	282	283	283	315	315	314	364
X	182	182	182	182	228	182	228	228/254	228/254
X9	-14	-14	-7	-1	-16	-1	-16	-18/-44	-18/-44
Y	148	148	148	148	186	148	186	186	186

42 073 00 16

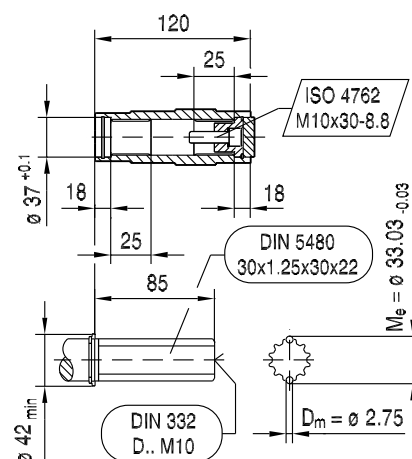
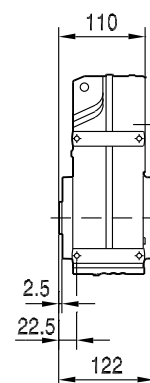
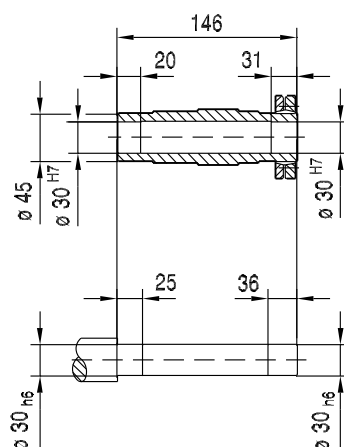
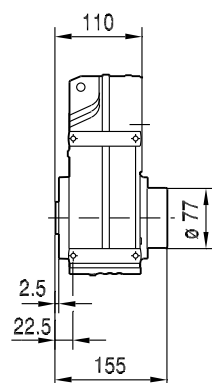
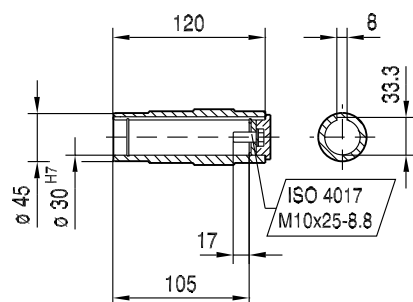
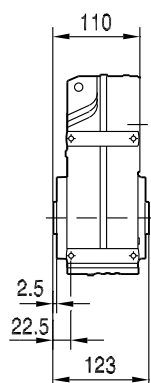
FZ27..

9

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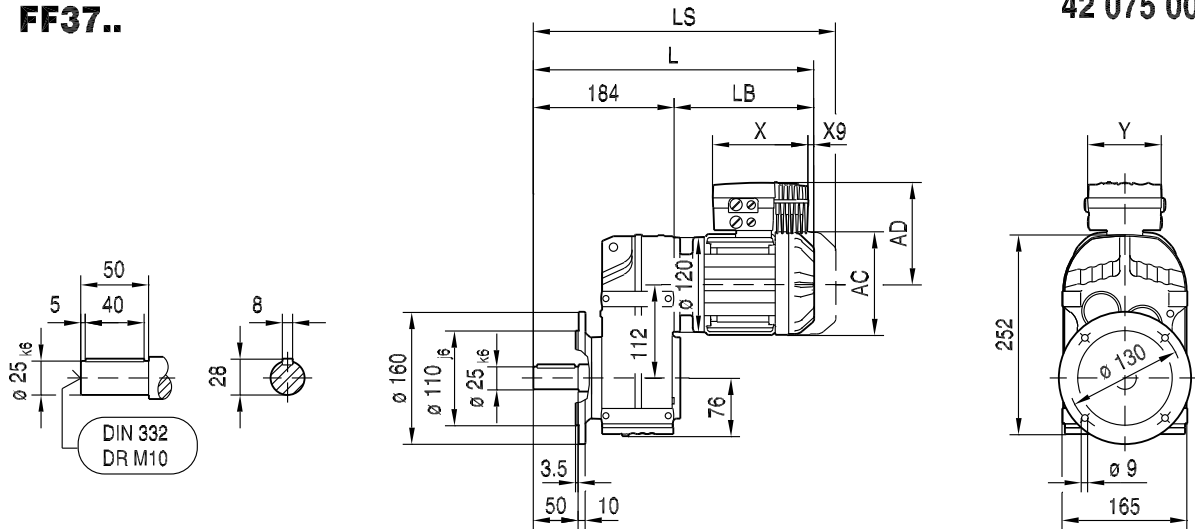
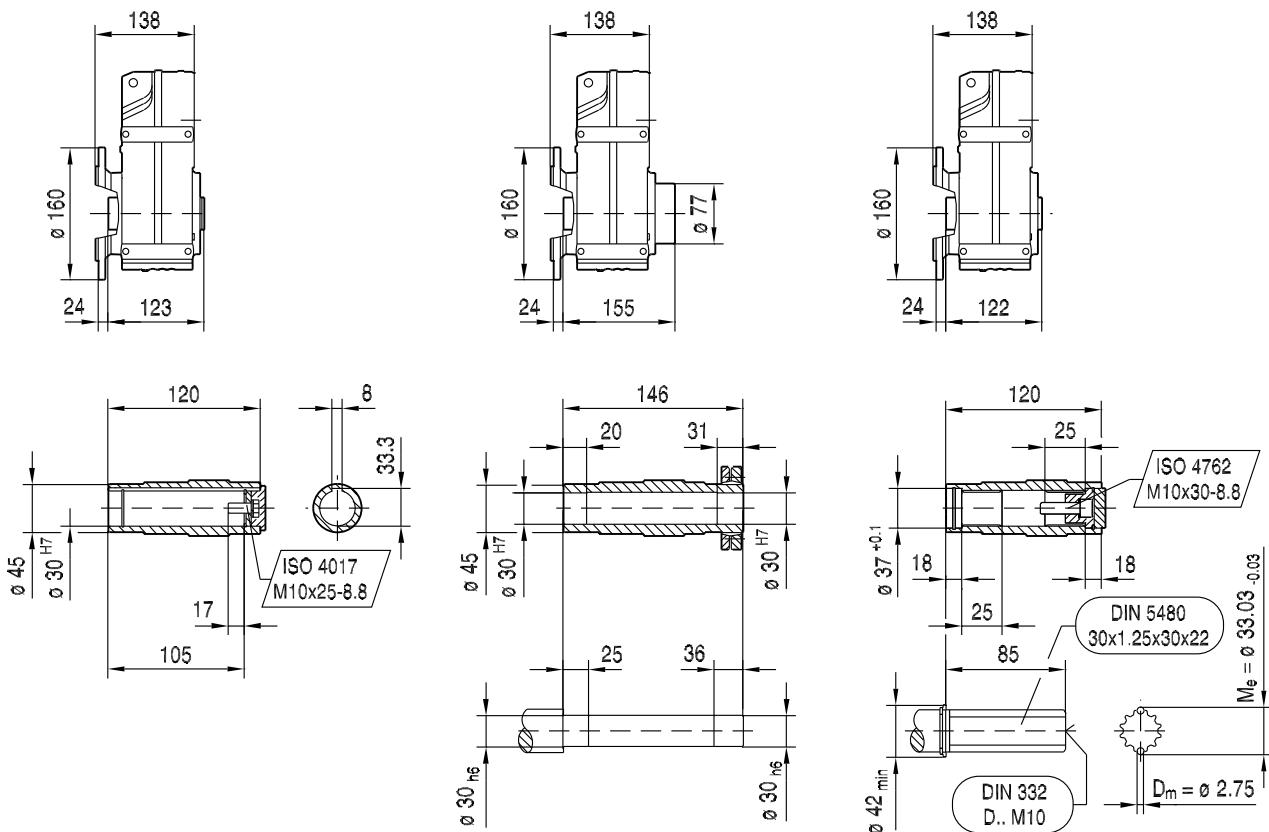
(→ 149)	DR71S. MM..	DR71M. MM..	DRN80M. MM..	DRN90S. MM11/15	DRN90S. MM22	DRN90L. MM15	DRN90L. MM22/30	DRN100LS. MM..	DRN100L. MM..
AC	139	139	156	179	179	179	179	197	197
AD	185	185	197	208	208	208	208	216	216
L	218	243	298	299	299	331	331	330	380
LS	286	311	379	393	393	425	425	424	474
LB	202	227	282	283	283	315	315	314	364
X	182	182	182	182	228	182	228	228/254	228/254
X9	-14	-14	-7	-1	-16	-1	-16	-18/-44	-18/-44
Y	148	148	148	148	186	148	186	186	186

F37..

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FF37..

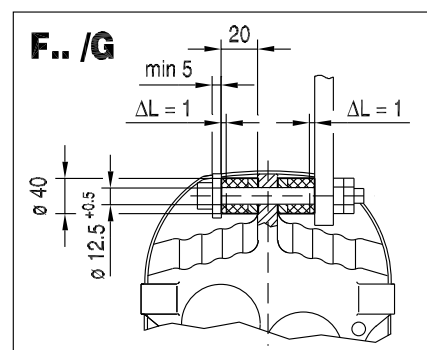
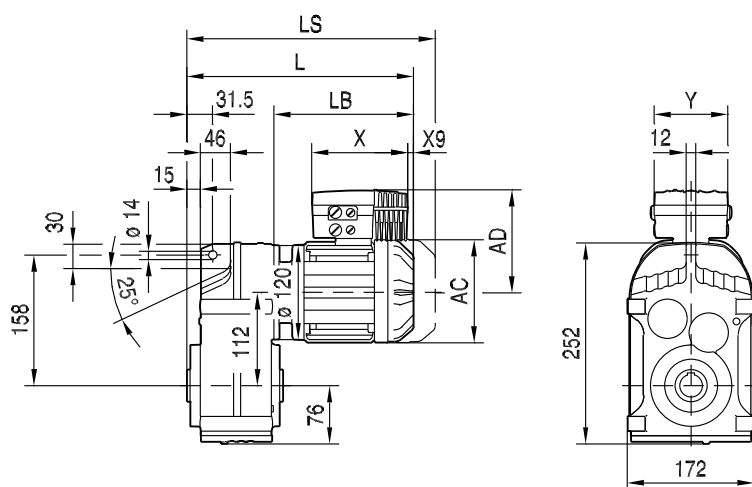
42 075 00 16

**FAF37..****FHF37..****FVF37..**

(→ 149)	DR71S. MM..	DR71M. MM..	DRN80M. MM..	DRN90S. MM11/15	DRN90S. MM22	DRN90L. MM15	DRN90L. MM22/30	DRN100LS. MM..	DRN100L. MM..
AC	139	139	156	179	179	179	179	197	197
AD	185	185	197	208	208	208	208	216	216
L	386	411	466	467	467	499	499	498	548
LS	454	479	547	561	561	593	593	592	642
LB	202	227	282	283	283	315	315	314	364
X	182	182	182	182	228	182	228	228/254	228/254
X9	-14	-14	-7	-1	-16	-1	-16	-18/-44	-18/-44
Y	148	148	148	148	186	148	186	186	186

FA37..

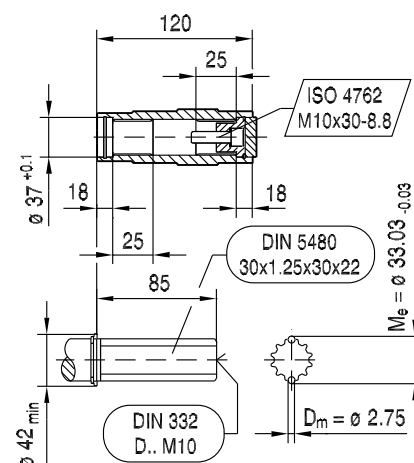
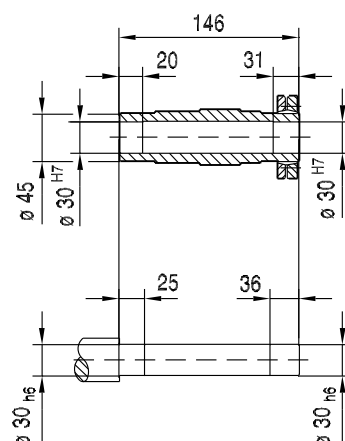
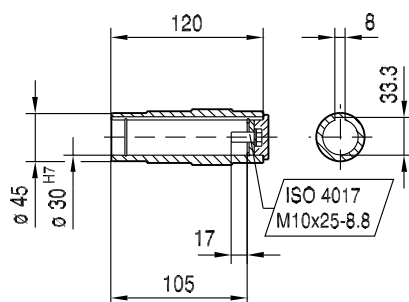
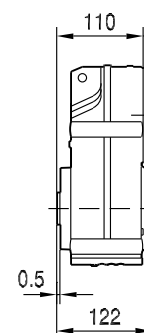
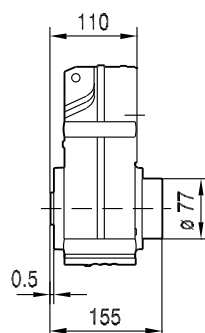
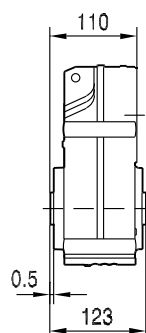
42 076 00 16



FA37..

FH37..

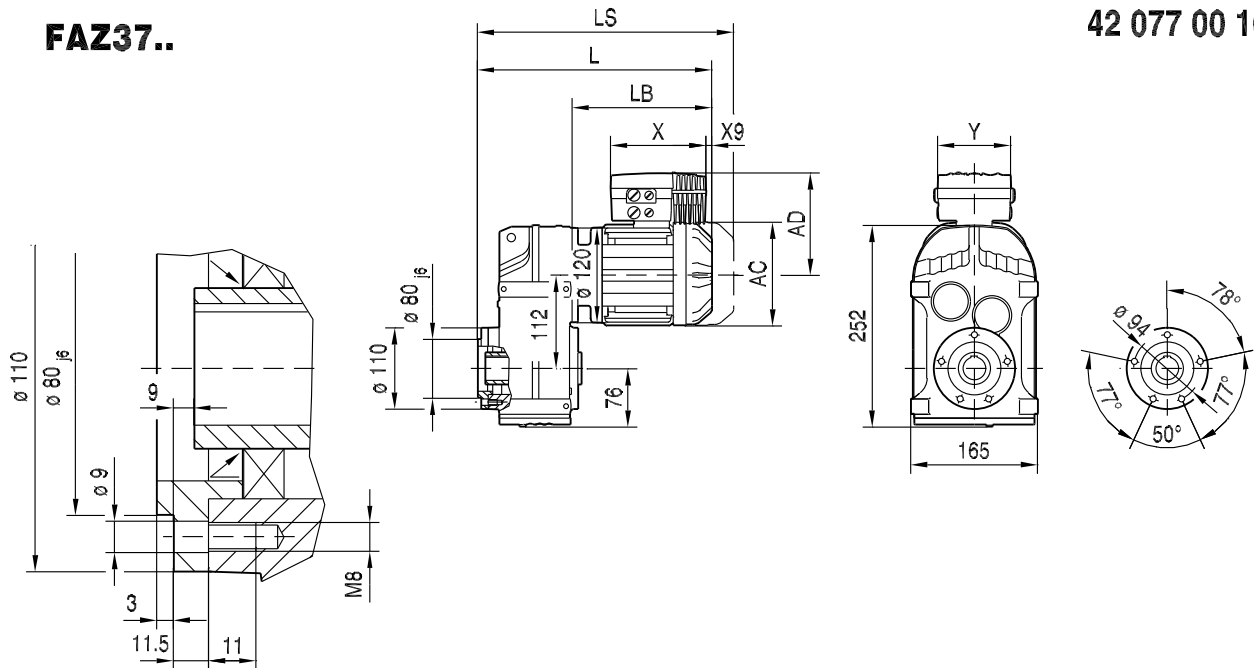
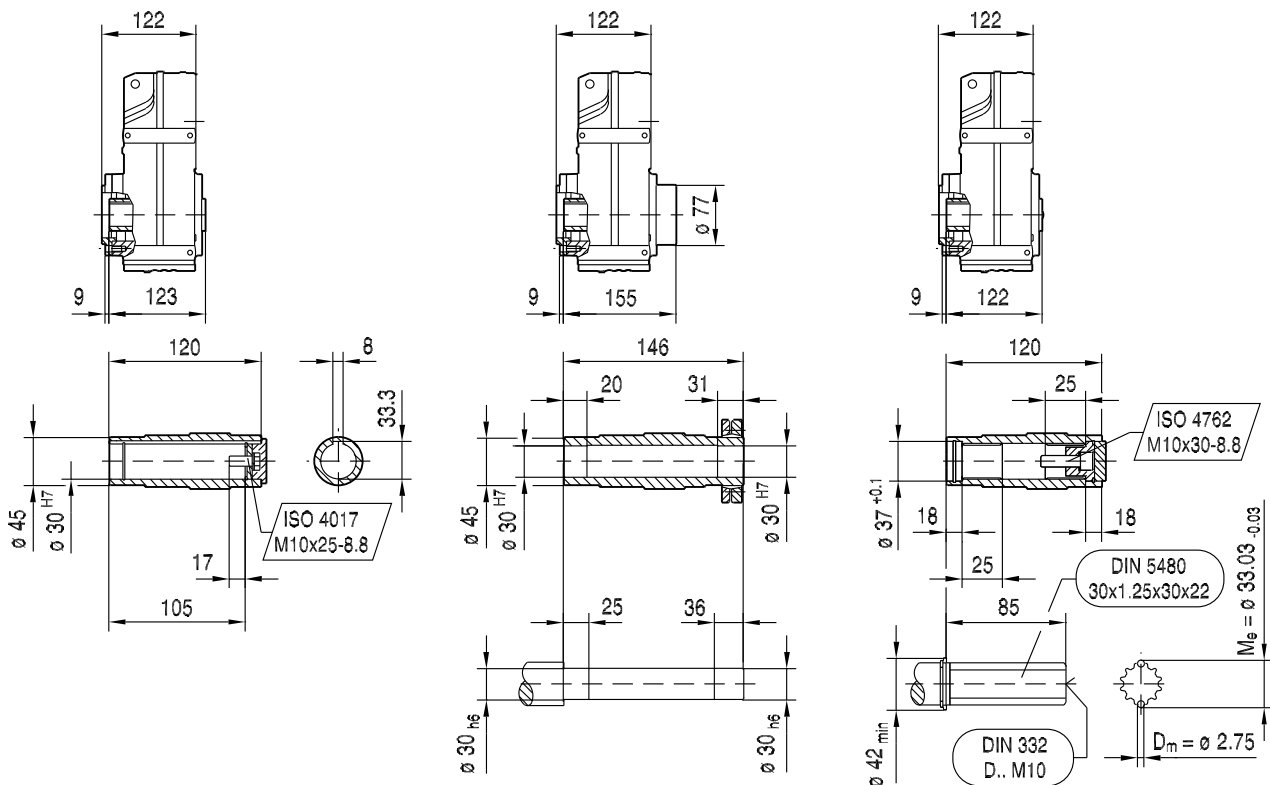
FV37..



(→ 149)	DR71S. MM..	DR71M. MM..	DRN80M. MM..	DRN90S. MM11/15	DRN90S. MM22	DRN90L. MM15	DRN90L. MM22/30	DRN100LS. MM..	DRN100L. MM..
AC	139	139	156	179	179	179	179	197	197
AD	185	185	197	208	208	208	208	216	216
L	312	337	392	393	393	425	425	424	474
LS	380	405	473	487	487	519	519	518	568
LB	202	227	282	283	283	315	315	314	364
X	182	182	182	182	228	182	228	228/254	228/254
X9	-14	-14	-7	-1	-16	-1	-16	-18/-44	-18/-44
Y	148	148	148	148	186	148	186	186	186

FAZ37..

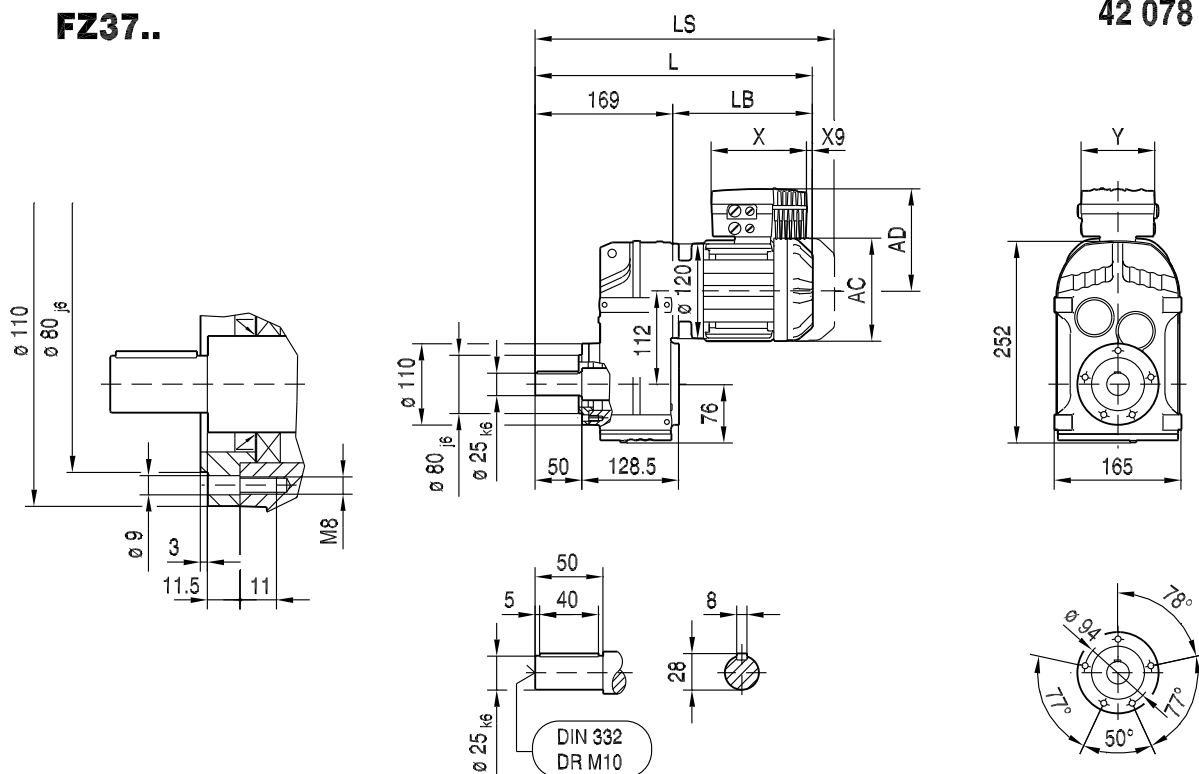
42 077 00 16

**FAZ37..****FHZ37..****FVZ37..**

(→ 149)	DR71S. MM..	DR71M. MM..	DRN80M. MM..	DRN90S. MM11/15	DRN90S. MM22	DRN90L. MM15	DRN90L. MM22/30	DRN100LS. MM..	DRN100L. MM..
AC	139	139	156	179	179	179	179	197	197
AD	185	185	197	208	208	208	208	216	216
L	324	349	404	405	405	437	437	436	486
LS	392	417	485	499	499	531	531	530	580
LB	202	227	282	283	283	315	315	314	364
X	182	182	182	182	228	182	228	228/254	228/254
X9	-14	-14	-7	-1	-16	-1	-16	-18/-44	-18/-44
Y	148	148	148	148	186	148	186	186	186

FZ37..

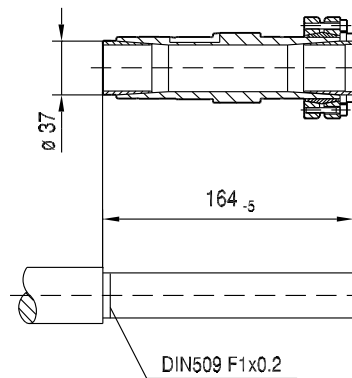
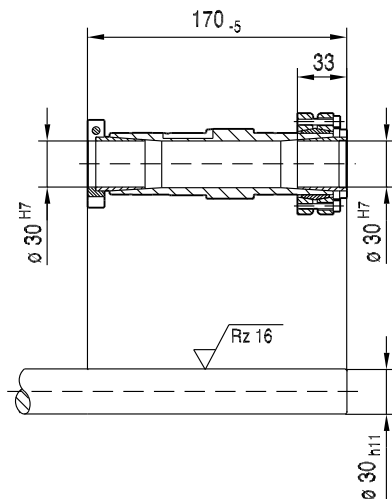
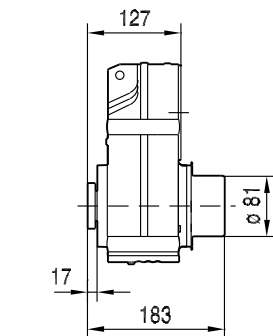
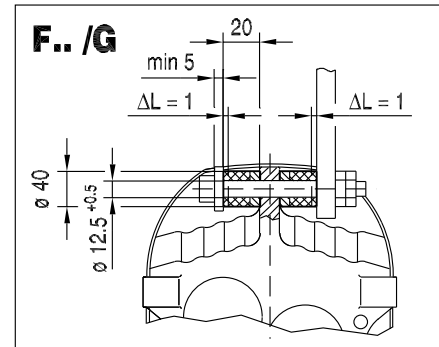
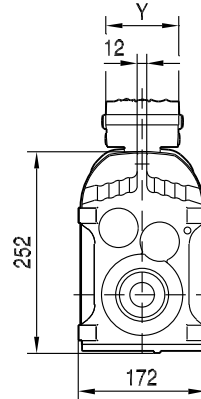
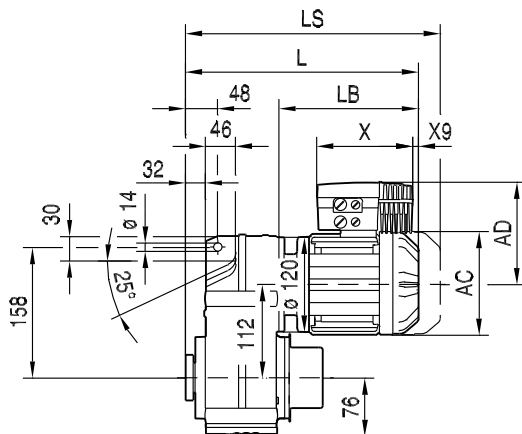
42 078 00 16



(→ 149)	DR71S. MM..	DR71M. MM..	DRN80M. MM..	DRN90S. MM11/15	DRN90S. MM22	DRN90L. MM15	DRN90L. MM22/30	DRN100LS. MM..	DRN100L. MM..
AC	139	139	156	179	179	179	179	197	197
AD	185	185	197	208	208	208	208	216	216
L	371	396	451	452	452	484	484	483	533
LS	439	464	532	546	546	578	578	577	627
LB	202	227	282	283	283	315	315	314	364
X	182	182	182	182	228	182	228	228/254	228/254
X9	-14	-14	-7	-1	-16	-1	-16	-18/-44	-18/-44
Y	148	148	148	148	186	148	186	186	186

FT37..

42 079 00 16

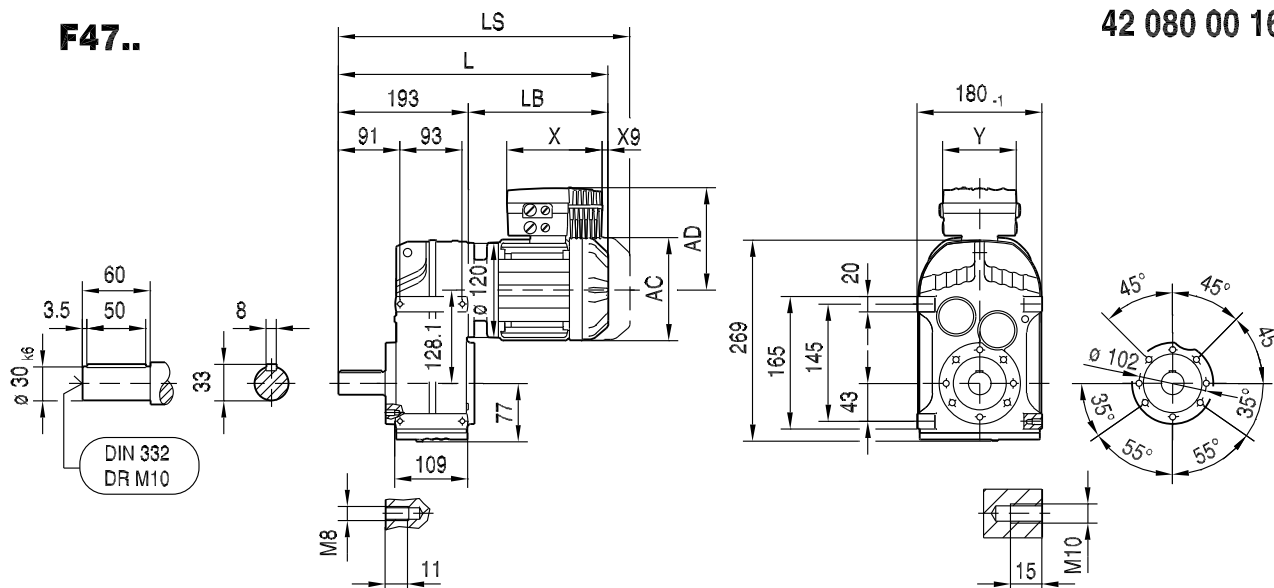


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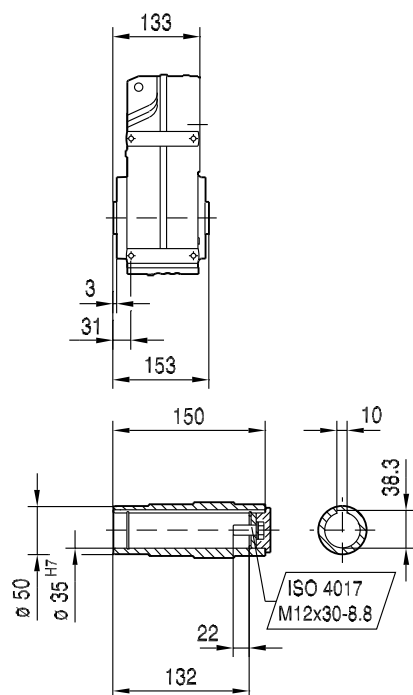
(→ 149)	DR71S. MM..	DR71M. MM..	DRN80M. MM..	DRN90S. MM11/15	DRN90S. MM22	DRN90L. MM15	DRN90L. MM22/30	DRN100LS. MM..	DRN100L. MM..
AC	139	139	156	179	179	179	179	197	197
AD	185	185	197	208	208	208	208	216	216
L	329	354	409	410	410	442	442	441	491
LS	397	422	490	504	504	536	536	535	585
LB	202	227	282	283	283	315	315	314	364
X	182	182	182	182	228	182	228	228/254	228/254
X9	-14	-14	-7	-1	-16	-1	-16	-18/-44	-18/-44
Y	148	148	148	148	186	148	186	186	186

F47..

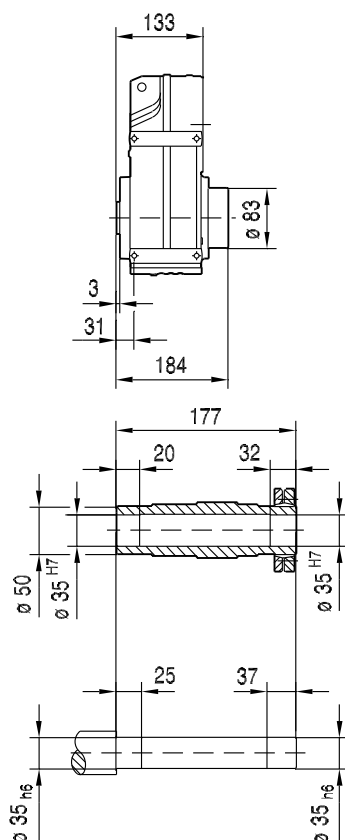
42 080 00 16



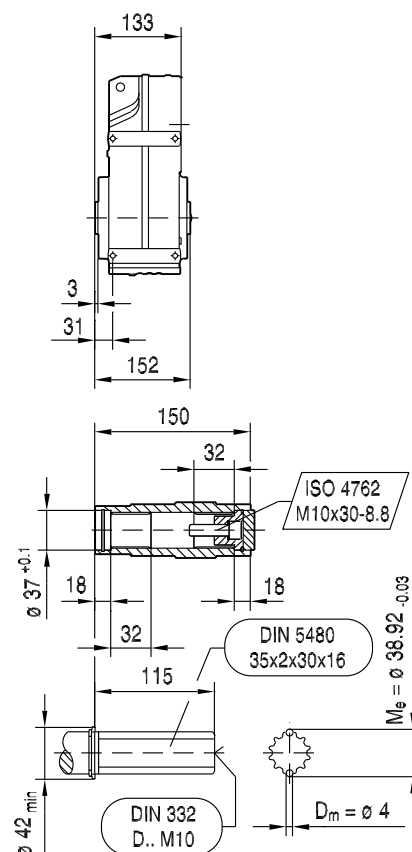
FA47B..



FH47B...



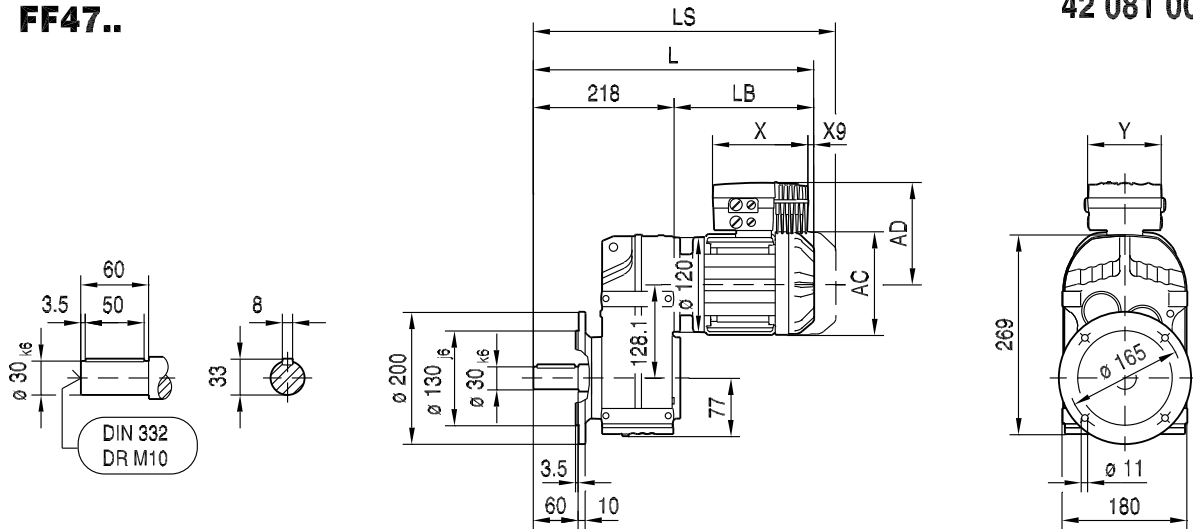
FV47B..



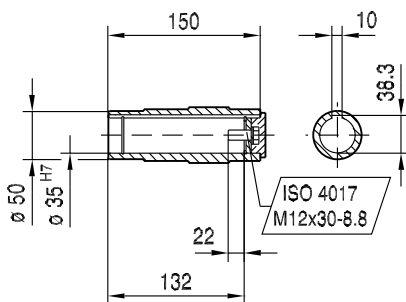
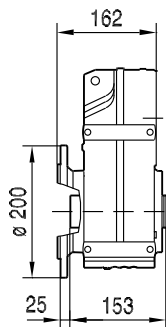
(→ 149)	DR71S. MM..	DR71M. MM..	DRN80M. MM..	DRN90S. MM11/15	DRN90S. MM22	DRN90L. MM15	DRN90L. MM22/30	DRN100LS. MM..	DRN100L. MM..
AC	139	139	156	179	179	179	179	197	197
AD	185	185	197	208	208	208	208	216	216
L	395	420	475	476	476	508	508	507	557
LS	463	488	556	570	570	602	602	601	651
LB	202	227	282	283	283	315	315	314	364
X	182	182	182	182	228	182	228	228/254	228/254
X9	-14	-14	-7	-1	-16	-1	-16	-18/-44	-18/-44
Y	148	148	148	148	186	148	186	186	186

FF47..

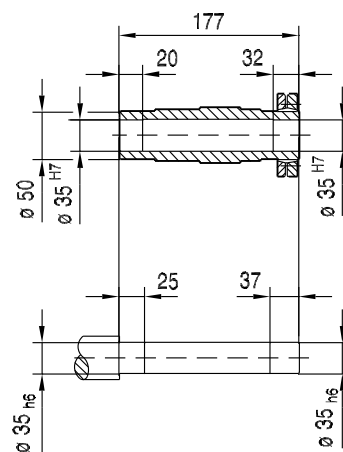
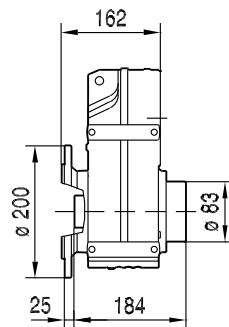
42 081 00 16



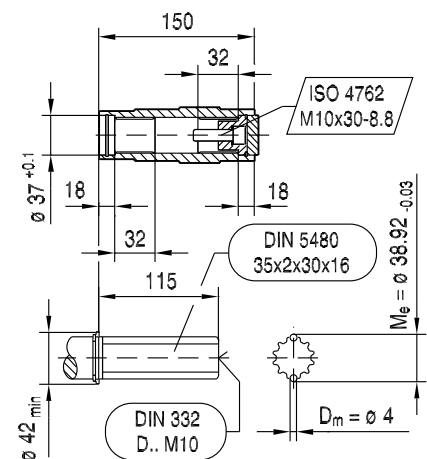
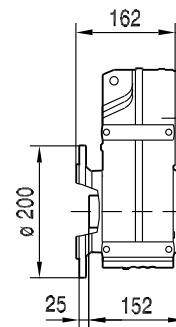
FAF47..



FHF47..



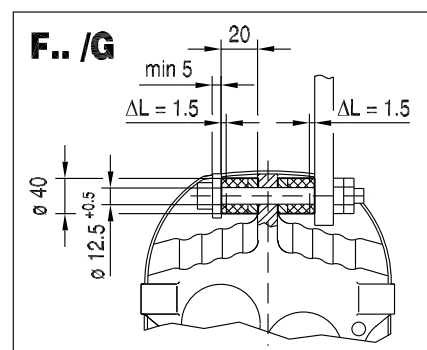
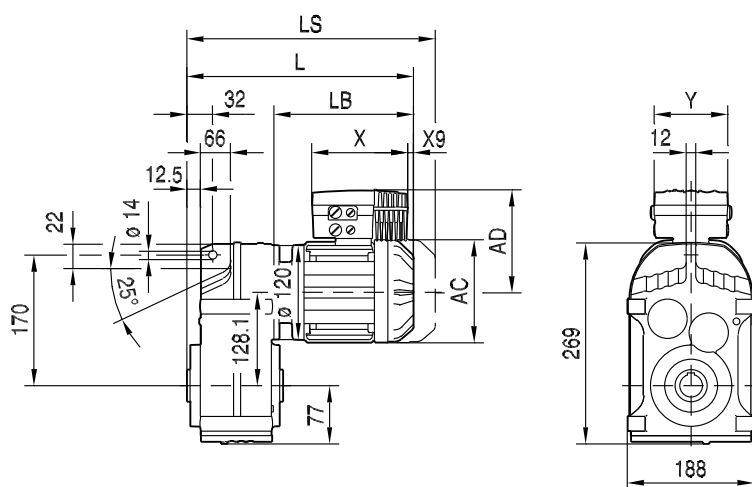
FVF47..



(→ 149)	DR71S. MM..	DR71M. MM..	DRN80M. MM..	DRN90S. MM11/15	DRN90S. MM22	DRN90L. MM15	DRN90L. MM22/30	DRN100LS. MM..	DRN100L. MM..
AC	139	139	156	179	179	179	179	197	197
AD	185	185	197	208	208	208	208	216	216
L	420	445	500	501	501	533	533	532	582
LS	488	513	581	595	595	627	627	626	676
LB	202	227	282	283	283	315	315	314	364
X	182	182	182	182	228	182	228	228/254	228/254
X9	-14	-14	-7	-1	-16	-1	-16	-18/-44	-18/-44
Y	148	148	148	148	186	148	186	186	186

FA47..

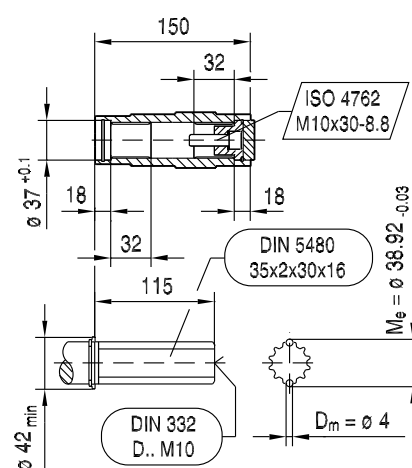
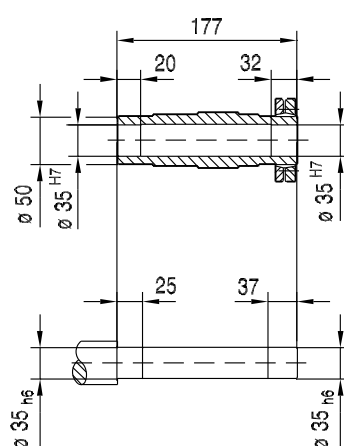
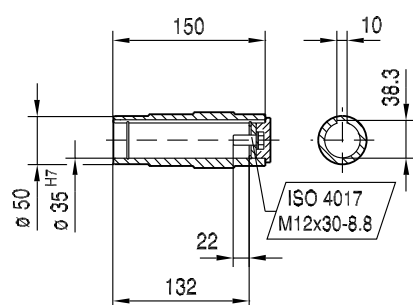
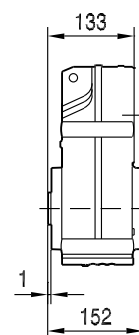
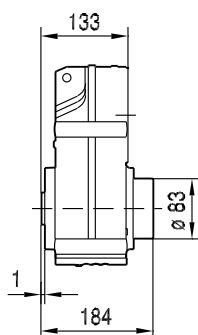
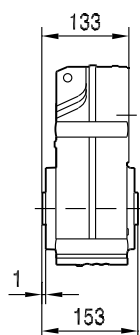
42 082 00 16



FA47..

FH47..

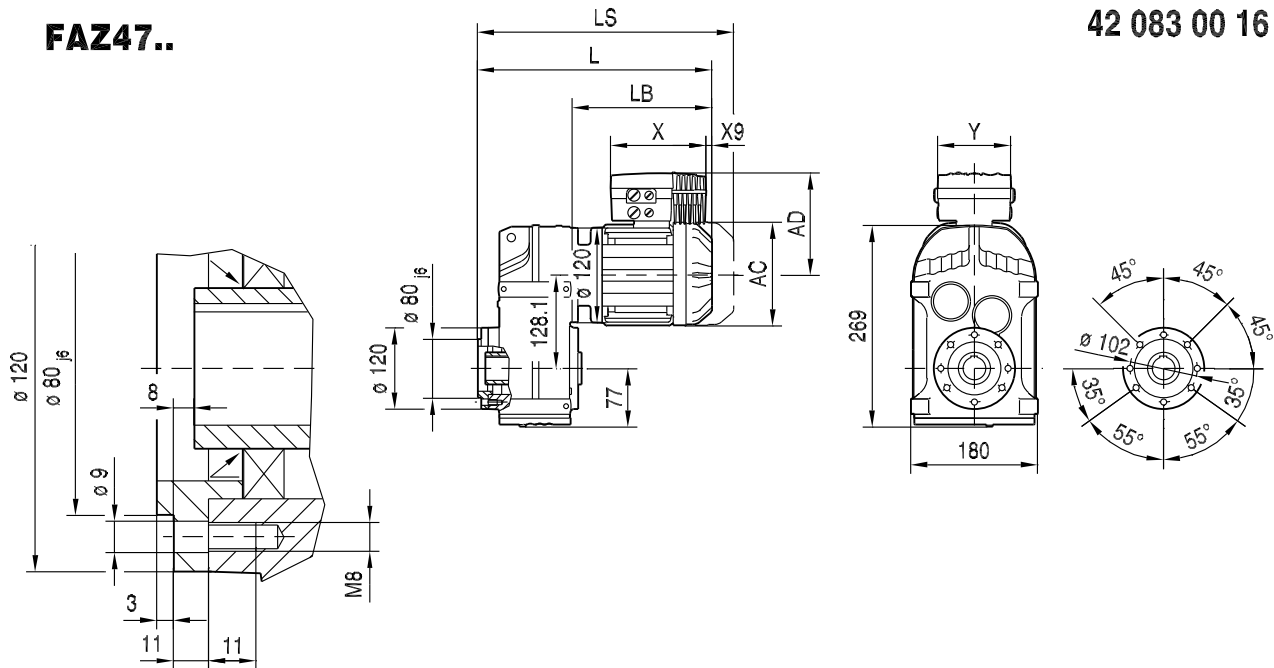
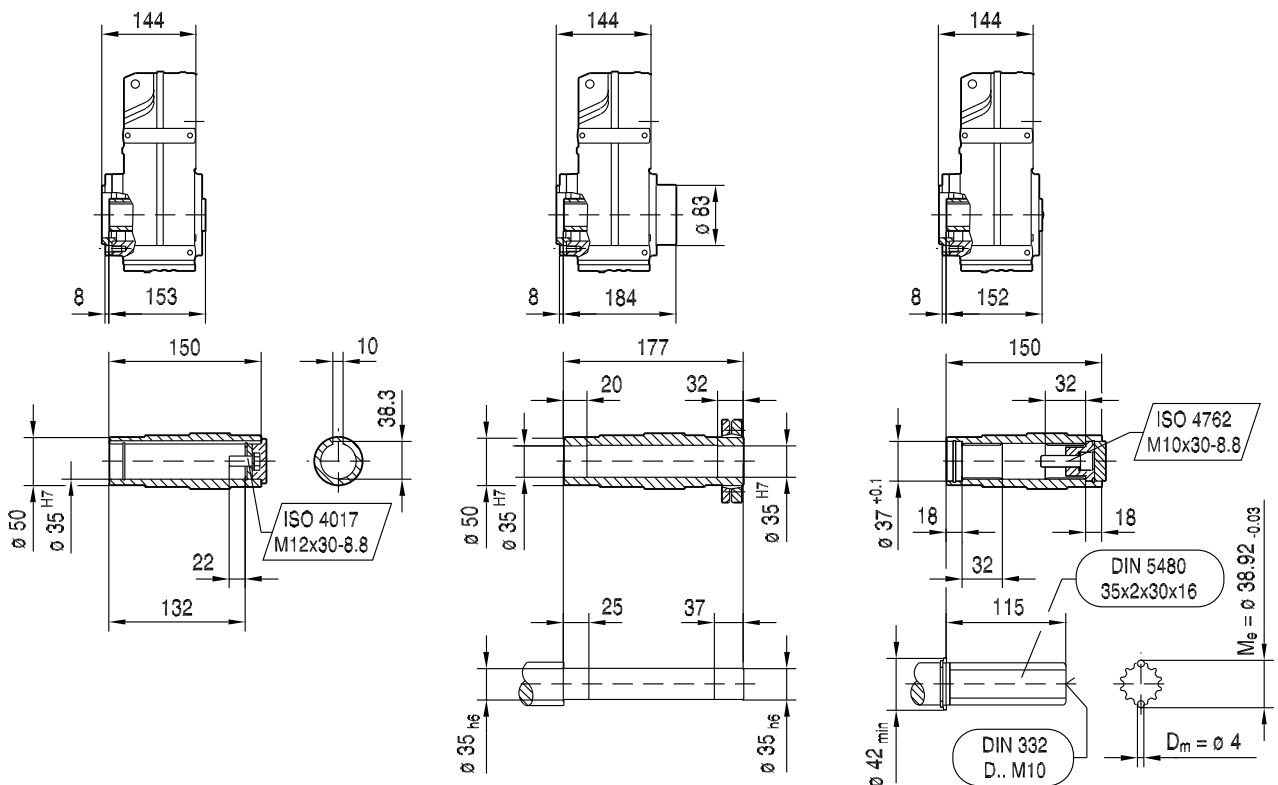
FV47..



(→ 149)	DR71S. MM..	DR71M. MM..	DRN80M. MM..	DRN90S. MM11/15	DRN90S. MM22	DRN90L. MM15	DRN90L. MM22/30	DRN100LS. MM..	DRN100L. MM..
AC	139	139	156	179	179	179	179	197	197
AD	185	185	197	208	208	208	208	216	216
L	335	360	415	416	416	448	448	447	497
LS	403	428	496	510	510	542	542	541	591
LB	202	227	282	283	283	315	315	314	364
X	182	182	182	182	228	182	228	228/254	228/254
X9	-14	-14	-7	-1	-16	-1	-16	-18/-44	-18/-44
Y	148	148	148	148	186	148	186	186	186

FAZ47..

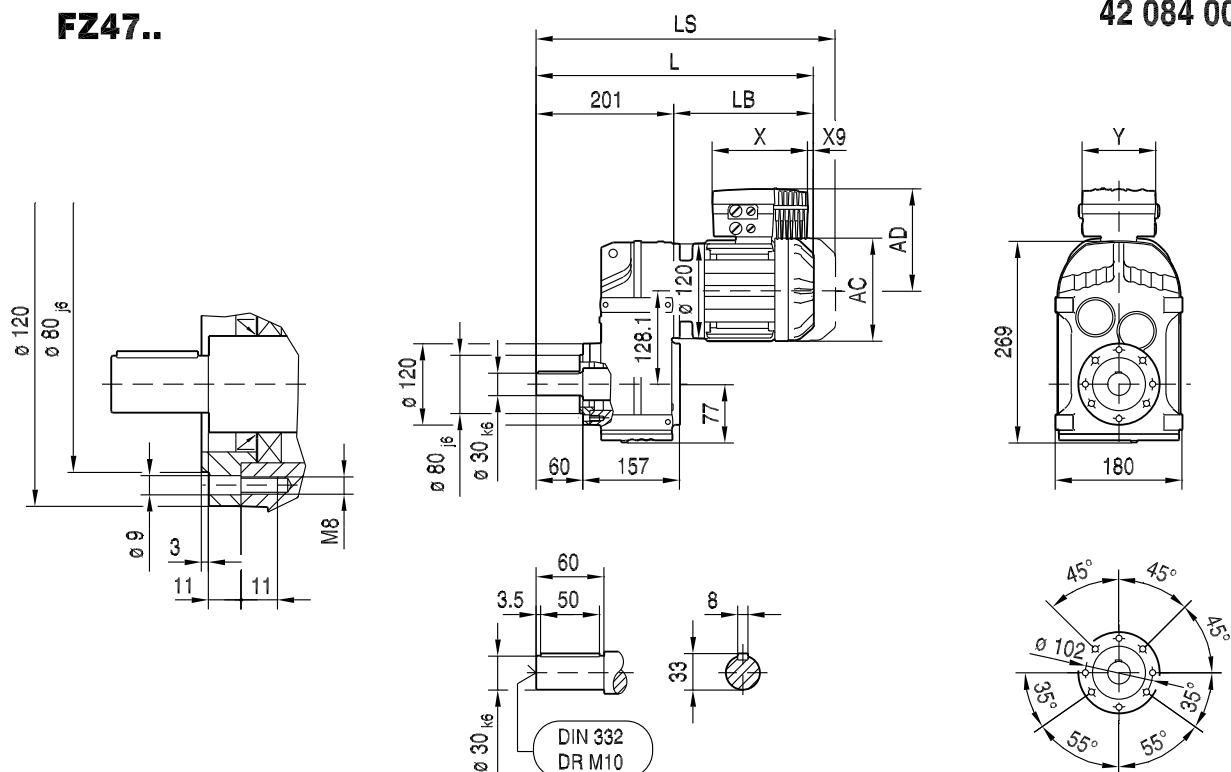
42 083 00 16

**FAZ47..****FHZ47..****FVZ47..**

(→ 149)	DR71S. MM..	DR71M. MM..	DRN80M. MM..	DRN90S. MM11/15	DRN90S. MM22	DRN90L. MM15	DRN90L. MM22/30	DRN100LS. MM..	DRN100L. MM..
AC	139	139	156	179	179	179	179	197	197
AD	185	185	197	208	208	208	208	216	216
L	346	371	426	427	427	459	459	458	508
LS	414	439	507	521	521	553	553	552	602
LB	202	227	282	283	283	315	315	314	364
X	182	182	182	182	228	182	228	228/254	228/254
X9	-14	-14	-7	-1	-16	-1	-16	-18/-44	-18/-44
Y	148	148	148	148	186	148	186	186	186

FZ47..

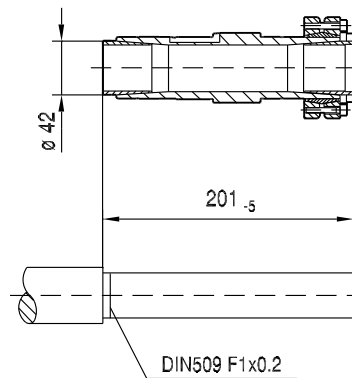
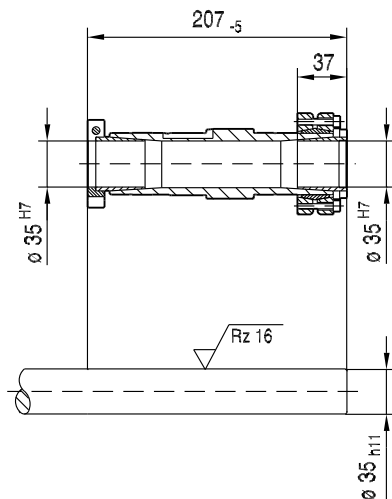
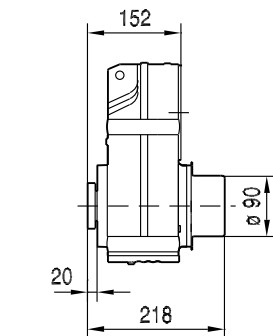
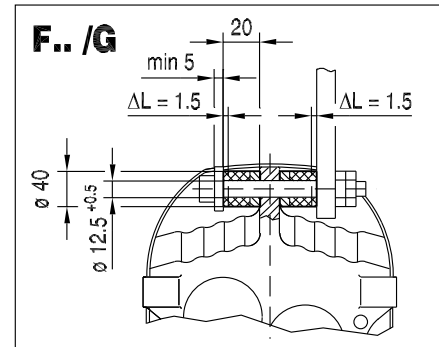
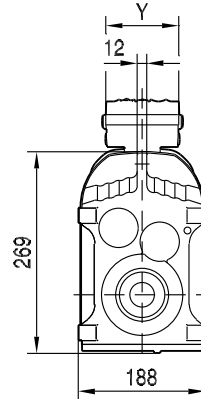
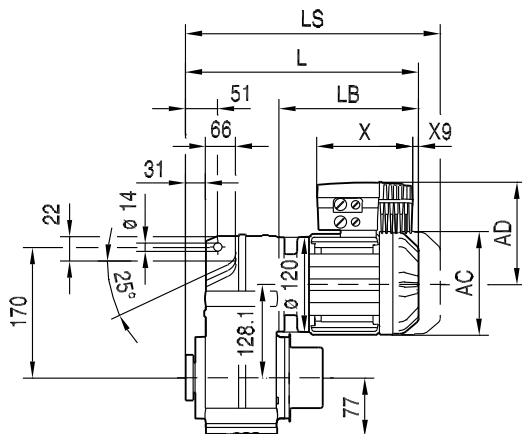
42 084 00 16



(→ 149)	DR71S. MM..	DR71M. MM..	DRN80M. MM..	DRN90S. MM11/15	DRN90S. MM22	DRN90L. MM15	DRN90L. MM22/30	DRN100LS. MM..	DRN100L. MM..
AC	139	139	156	179	179	179	179	197	197
AD	185	185	197	208	208	208	208	216	216
L	403	428	483	484	484	516	516	515	565
LS	471	496	564	578	578	610	610	609	659
LB	202	227	282	283	283	315	315	314	364
X	182	182	182	182	228	182	228	228/254	228/254
X9	-14	-14	-7	-1	-16	-1	-16	-18/-44	-18/-44
Y	148	148	148	148	186	148	186	186	186

FT47..

42 085 00 16

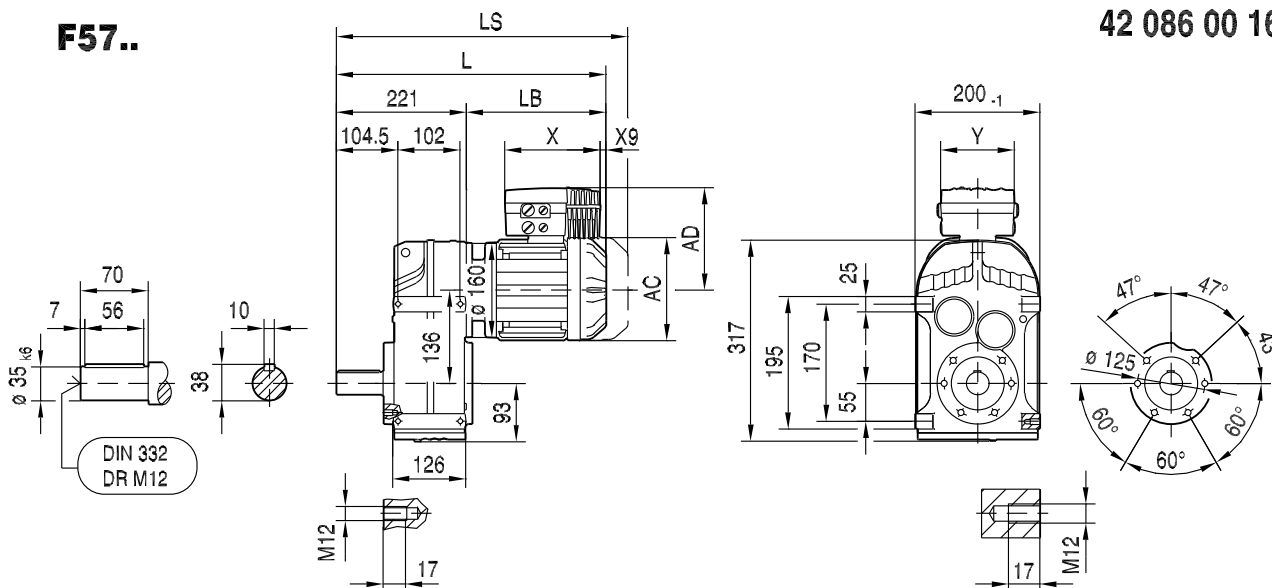


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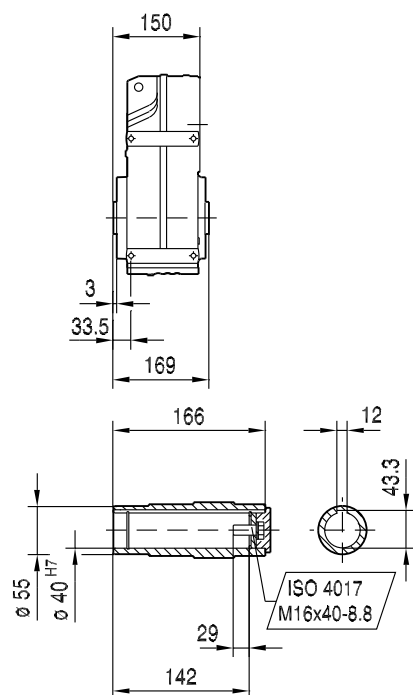
(→ 149)	DR71S. MM..	DR71M. MM..	DRN80M. MM..	DRN90S. MM11/15	DRN90S. MM22	DRN90L. MM15	DRN90L. MM22/30	DRN100LS. MM..	DRN100L. MM..
AC	139	139	156	179	179	179	179	197	197
AD	185	185	197	208	208	208	208	216	216
L	354	379	434	435	435	467	467	466	516
LS	422	447	515	529	529	561	561	560	610
LB	202	227	282	283	283	315	315	314	364
X	182	182	182	182	228	182	228	228/254	228/254
X9	-14	-14	-7	-1	-16	-1	-16	-18/-44	-18/-44
Y	148	148	148	148	186	148	186	186	186

F57..

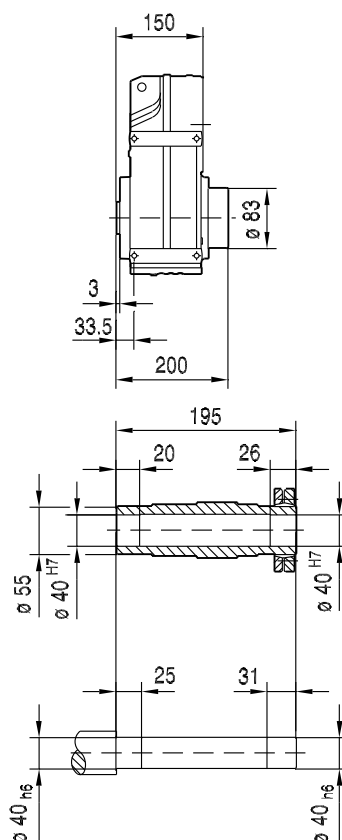
42 086 00 16



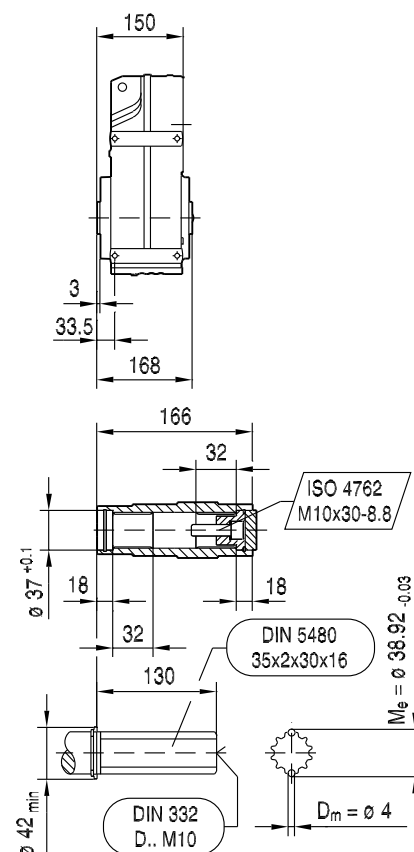
FA57B..



FH57B..
max. DRN100L



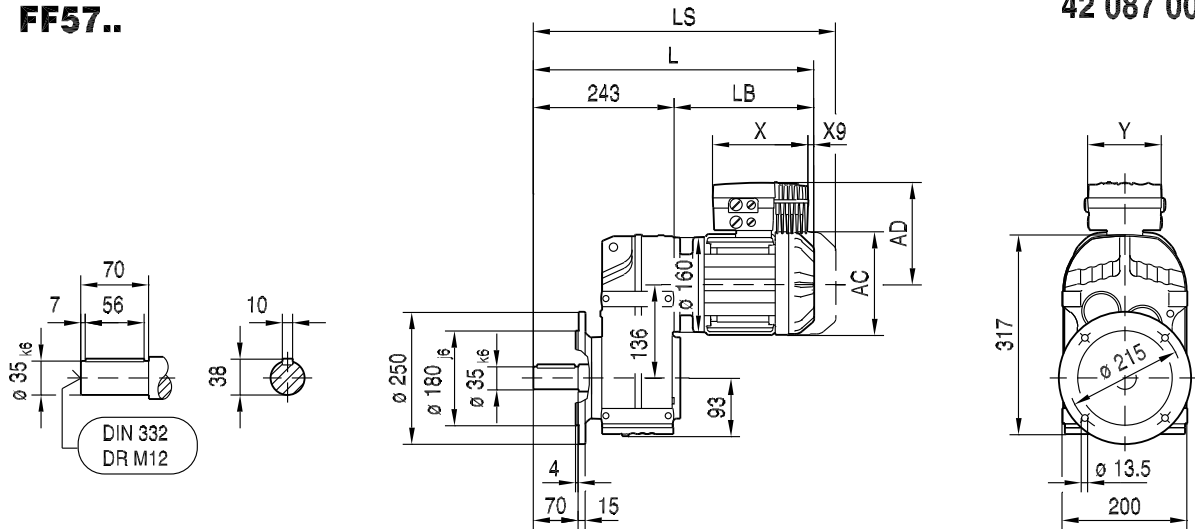
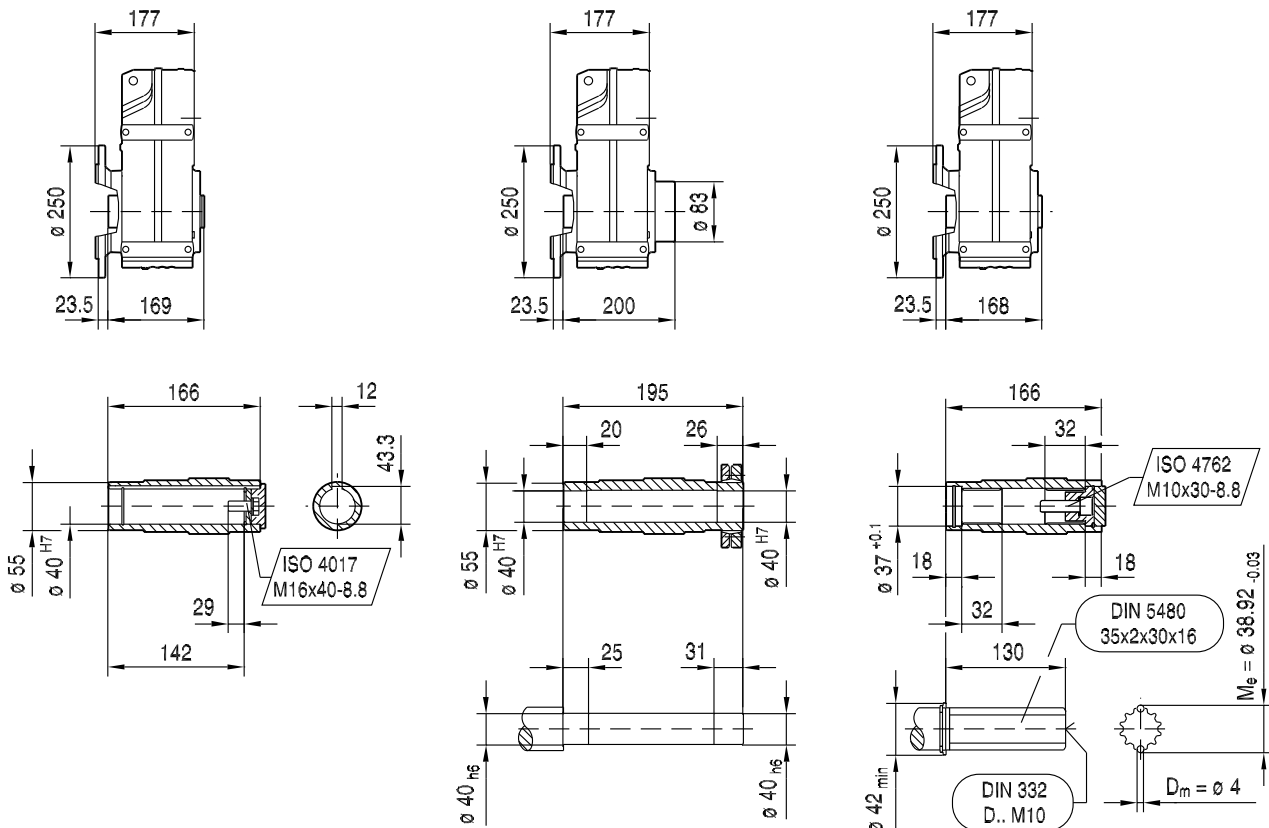
FV57B..



(→ 149)	DR71S. MM..	DR71M. MM..	DRN80M. MM..	DRN90S. MM11/15	DRN90S. MM22	DRN90L. MM15	DRN90L. MM22/30	DRN100LS. MM..	DRN100L. MM..	DRN112M. MM..
AC	139	139	156	179	179	179	179	197	197	221
AD	185	185	197	208	208	208	208	216	216	230
L	417	442	496	498	498	530	530	526	576	607
LS	484	509	577	591	591	623	623	620	670	719
LB	196	221	275	277	277	309	309	305	355	386
X	182	182	182	182	228	182	228	228/254	228/254	254
X9	-14	-14	-7	-1	-16	-1	-16	-18/-44	-18/-44	-23
Y	148	148	148	148	186	148	186	186	186	186

FF57..

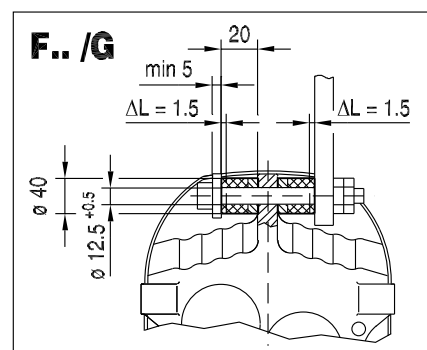
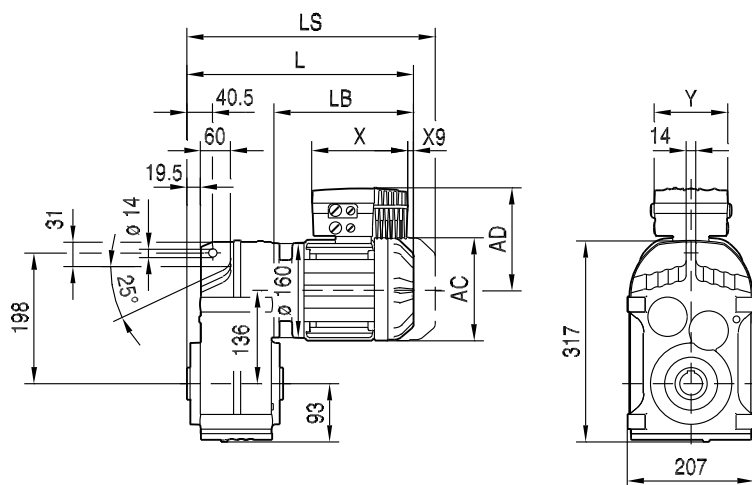
42 087 00 16

**FAF57..****FHF57..**
max. DRN100L**FVF57..**

(→ 149)	DR71S. MM..	DR71M. MM..	DRN80M. MM..	DRN90S. MM11/15	DRN90S. MM22	DRN90L. MM15	DRN90L. MM22/30	DRN100LS. MM..	DRN100L. MM..	DRN112M. MM..
AC	139	139	156	179	179	179	179	197	197	221
AD	185	185	197	208	208	208	208	216	216	230
L	439	464	518	520	520	552	552	548	598	629
LS	506	531	599	613	613	645	645	642	692	741
LB	196	221	275	277	277	309	309	305	355	386
X	182	182	182	182	228	182	228	228/254	228/254	254
X9	-14	-14	-7	-1	-16	-1	-16	-18/-44	-18/-44	-23
Y	148	148	148	148	186	148	186	186	186	186

FA57..

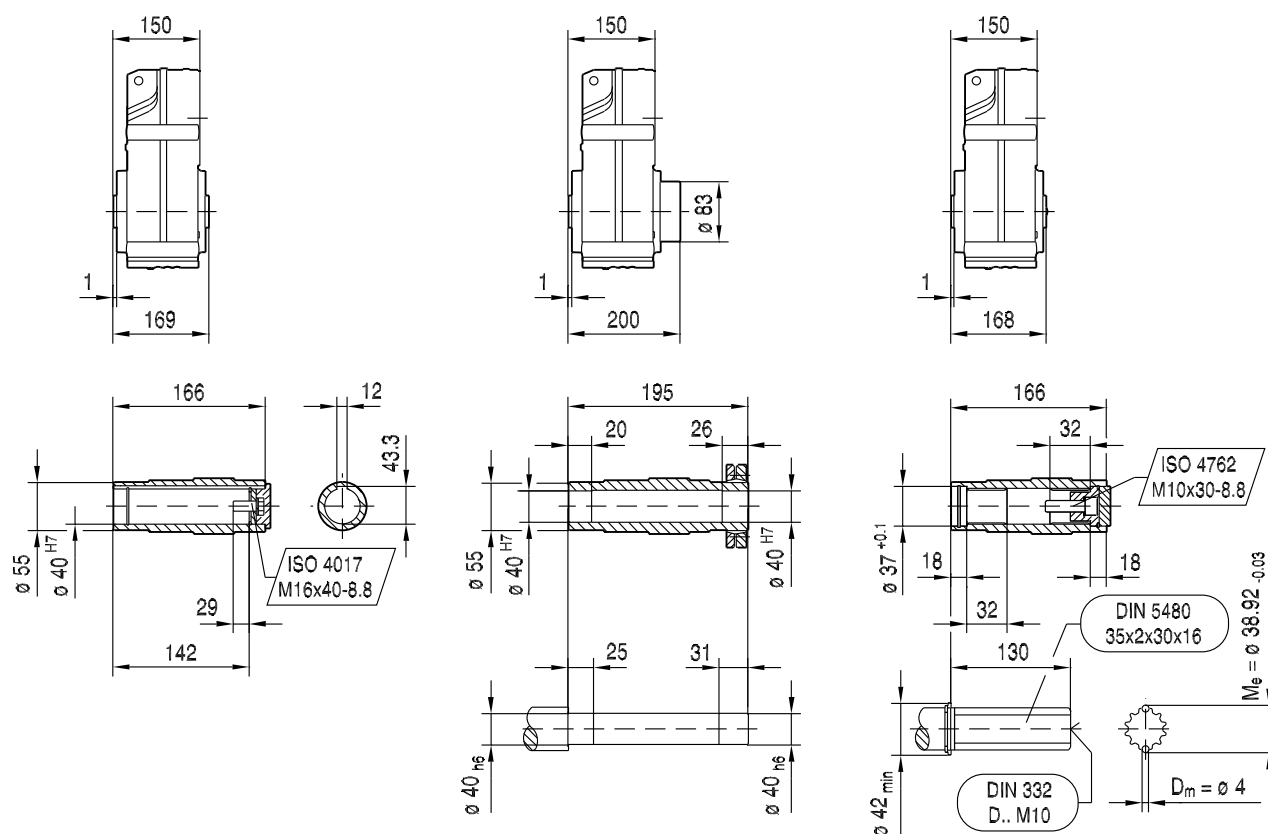
42 088 00 16



FA57..

FH57..
max. DRN100L

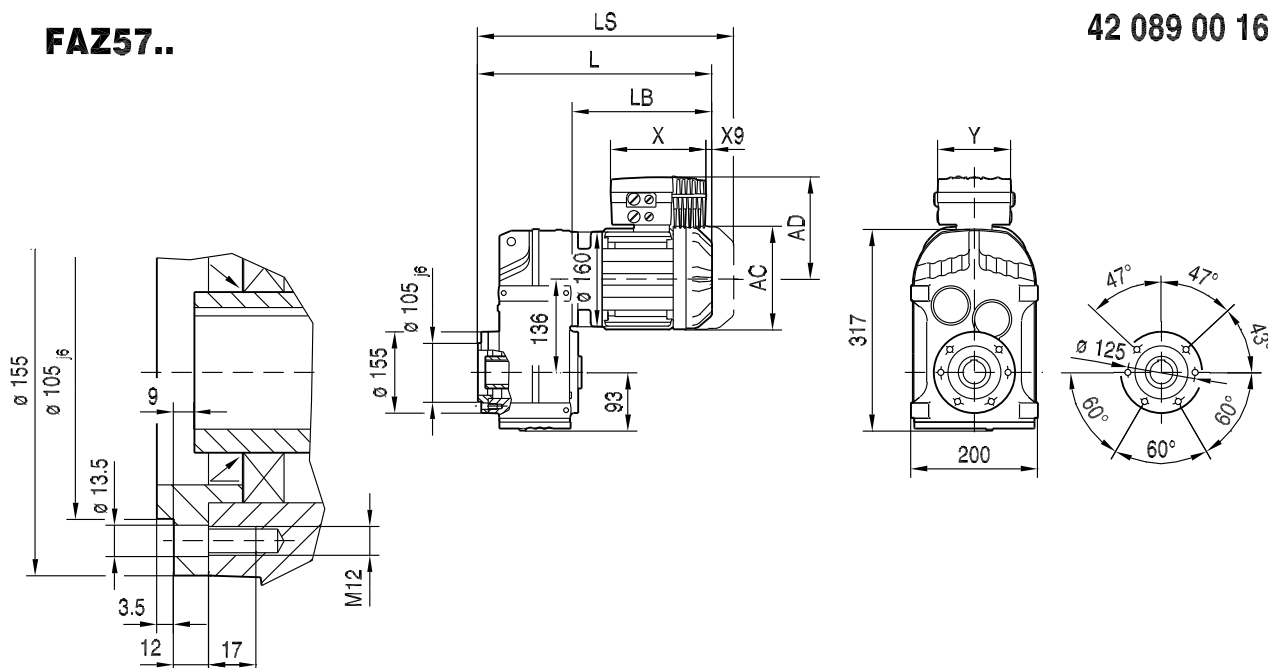
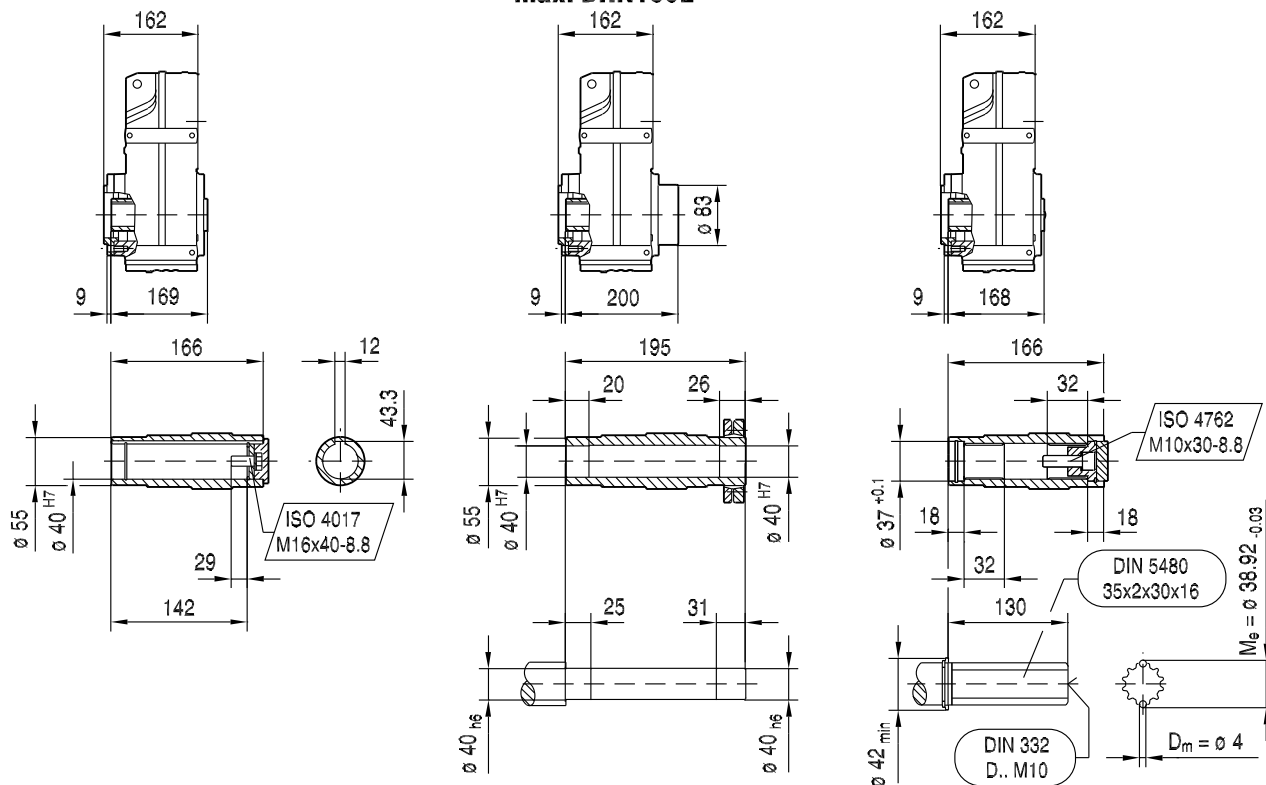
FV57..



(→ 149)	DR71S. MM..	DR71M. MM..	DRN80M. MM..	DRN90S. MM11/15	DRN90S. MM22	DRN90L. MM15	DRN90L. MM22/30	DRN100LS. MM..	DRN100L. MM..	DRN112M. MM..
AC	139	139	156	179	179	179	179	197	197	221
AD	185	185	197	208	208	208	208	216	216	230
L	346	371	425	427	427	459	459	455	505	536
LS	413	438	506	520	520	552	552	549	599	648
LB	196	221	275	277	277	309	309	305	355	386
X	182	182	182	182	228	182	228	228/254	228/254	254
X9	-14	-14	-7	-1	-16	-1	-16	-18/-44	-18/-44	-23
Y	148	148	148	148	186	148	186	186	186	186

FAZ57..

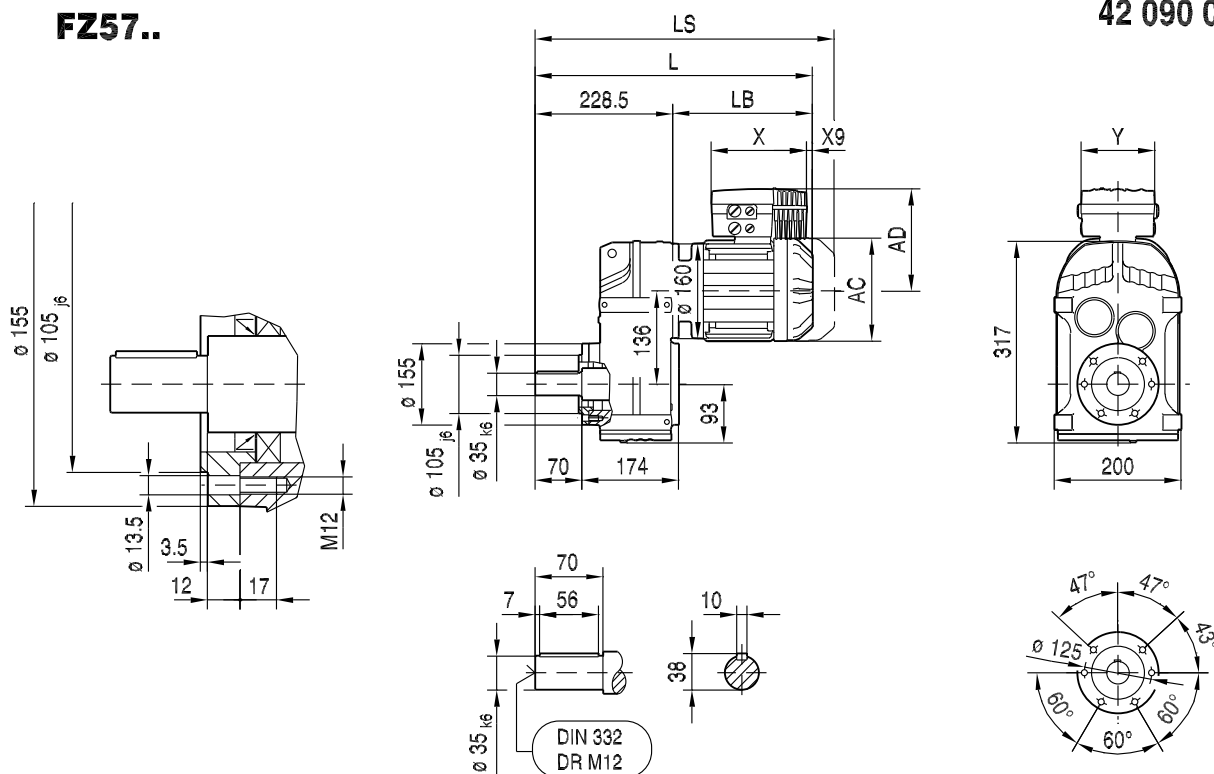
42 089 00 16

**FAZ57..****FHZ57..**
max. DRN100L**FVZ57..**

(→ 149)	DR71S. MM..	DR71M. MM..	DRN80M. MM..	DRN90S. MM11/15	DRN90S. MM22	DRN90L. MM15	DRN90L. MM22/30	DRN100LS. MM..	DRN100L. MM..	DRN112M. MM..
AC	139	139	156	179	179	179	179	197	197	221
AD	185	185	197	208	208	208	208	216	216	230
L	358	383	437	439	439	471	471	467	517	548
LS	425	450	518	532	532	564	564	561	611	660
LB	196	221	275	277	277	309	309	305	355	386
X	182	182	182	182	228	182	228	228/254	228/254	254
X9	-14	-14	-7	-1	-16	-1	-16	-18/-44	-18/-44	-23
Y	148	148	148	148	186	148	186	186	186	186

FZ57..

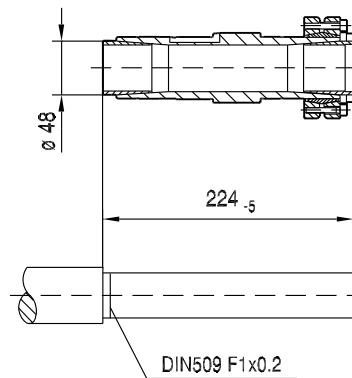
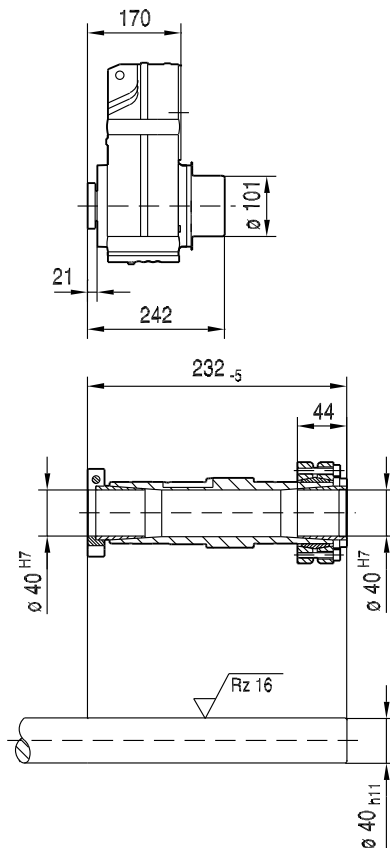
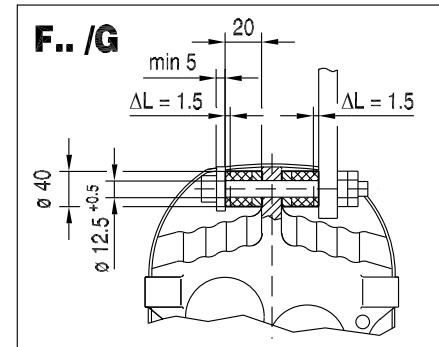
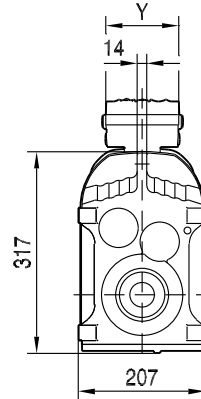
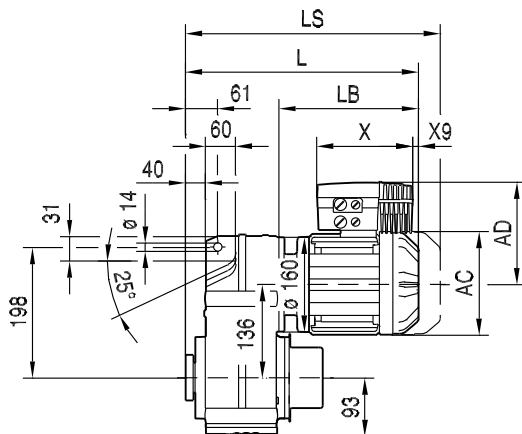
42 090 00 16



(→ 149)	DR71S. MM..	DR71M. MM..	DRN80M. MM..	DRN90S. MM11/15	DRN90S. MM22	DRN90L. MM15	DRN90L. MM22/30	DRN100LS. MM..	DRN100L. MM..	DRN112M. MM..
AC	139	139	156	179	179	179	179	197	197	221
AD	185	185	197	208	208	208	208	216	216	230
L	424	449	504	505	505	537	537	534	584	615
LS	492	517	585	599	599	631	631	627	677	727
LB	196	221	275	277	277	309	309	305	355	386
X	182	182	182	182	228	182	228	228/254	228/254	254
X9	-14	-14	-7	-1	-16	-1	-16	-18/-44	-18/-44	-23
Y	148	148	148	148	186	148	186	186	186	186

FT57..

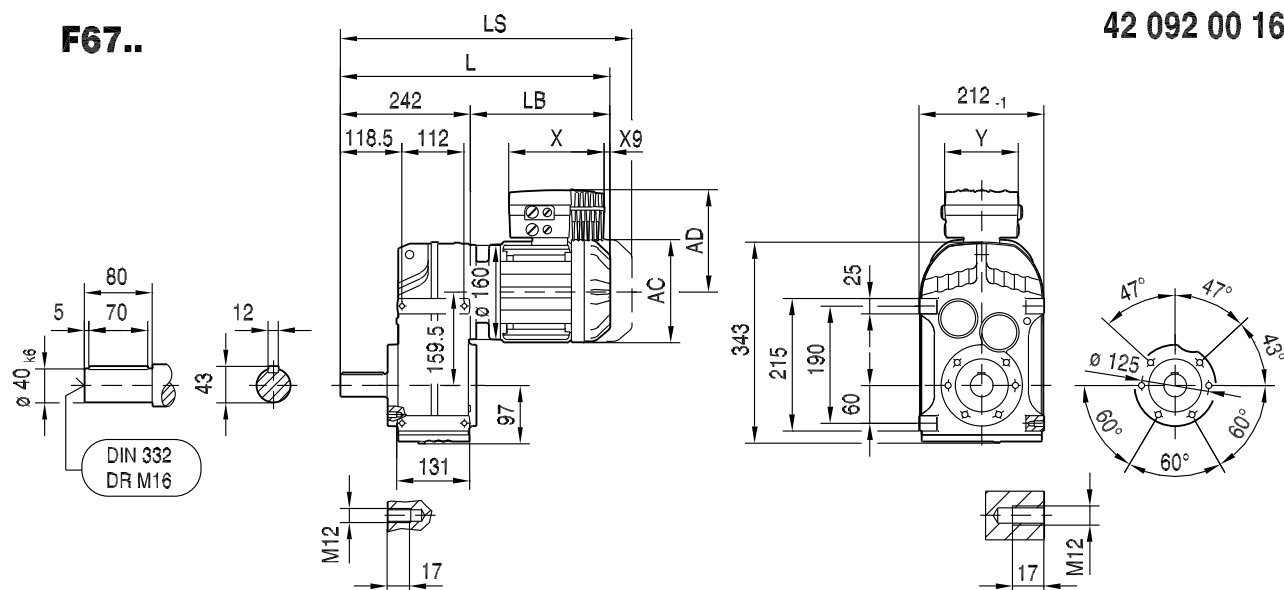
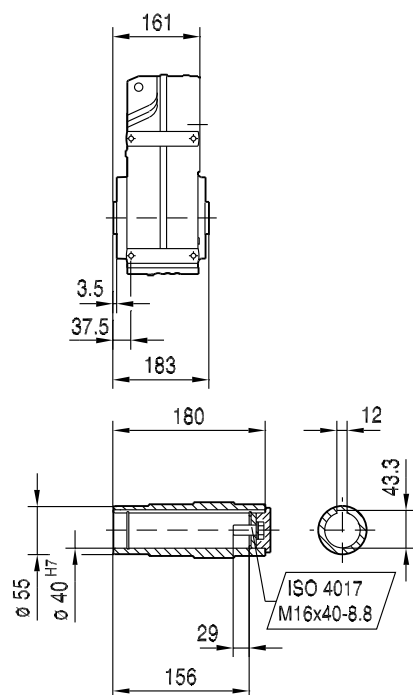
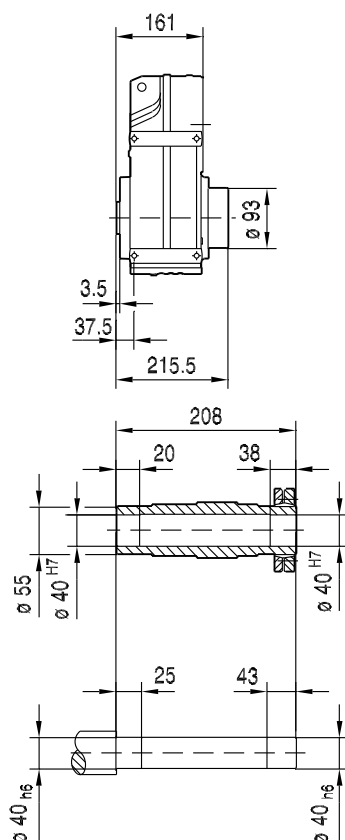
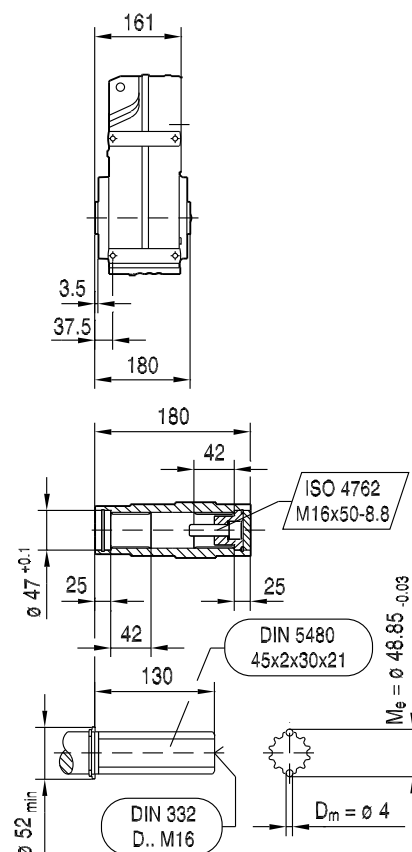
42 091 00 16



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(→ 149)	DR71S. MM..	DR71M. MM..	DRN80M. MM..	DRN90S. MM11/15	DRN90S. MM22	DRN90L. MM15	DRN90L. MM22/30	DRN100LS. MM..	DRN100L. MM..	DRN112M. MM..
AC	139	139	156	179	179	179	179	197	197	221
AD	185	185	197	208	208	208	208	216	216	230
L	366	391	445	447	447	479	479	475	525	556
LS	433	458	526	540	540	572	572	569	619	668
LB	196	221	275	277	277	309	309	305	355	386
X	182	182	182	182	228	182	228	228/254	228/254	254
X9	-14	-14	-7	-1	-16	-1	-16	-18/-44	-18/-44	-23
Y	148	148	148	148	186	148	186	186	186	186

**FA67B..****FH67B..**
max. DRN112M**FV67B..**

(→ 149)	DR71S. MM..	DR71M. MM..	DRN80M. MM..	DRN90S. MM11/15	DRN90S. MM22	DRN90L. MM15	DRN90L. MM22/30	DRN100LS. MM..	DRN100L. MM..	DRN112M. MM..
AC	139	139	156	179	179	179	179	197	197	221
AD	185	185	197	208	208	208	208	216	216	230
L	438	463	517	519	519	551	551	547	597	628
LS	505	530	598	612	612	644	644	641	691	740
LB	196	221	275	277	277	309	309	305	355	386
X	182	182	182	182	228	182	228	228/254	228/254	254
X9	-14	-14	-7	-1	-16	-1	-16	-18/-44	-18/-44	-23
Y	148	148	148	148	186	148	186	186	186	186

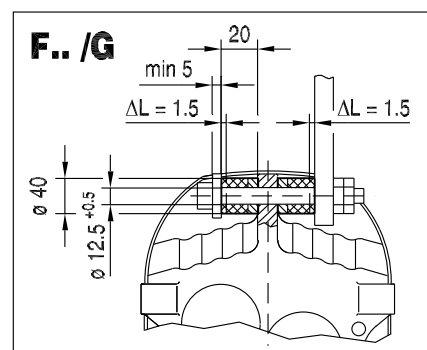
42 093 00 16



FVF67..

275

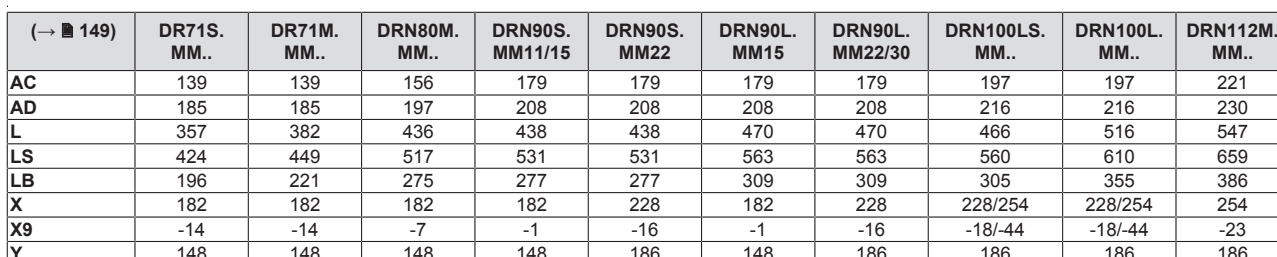
FA67..



FA67..

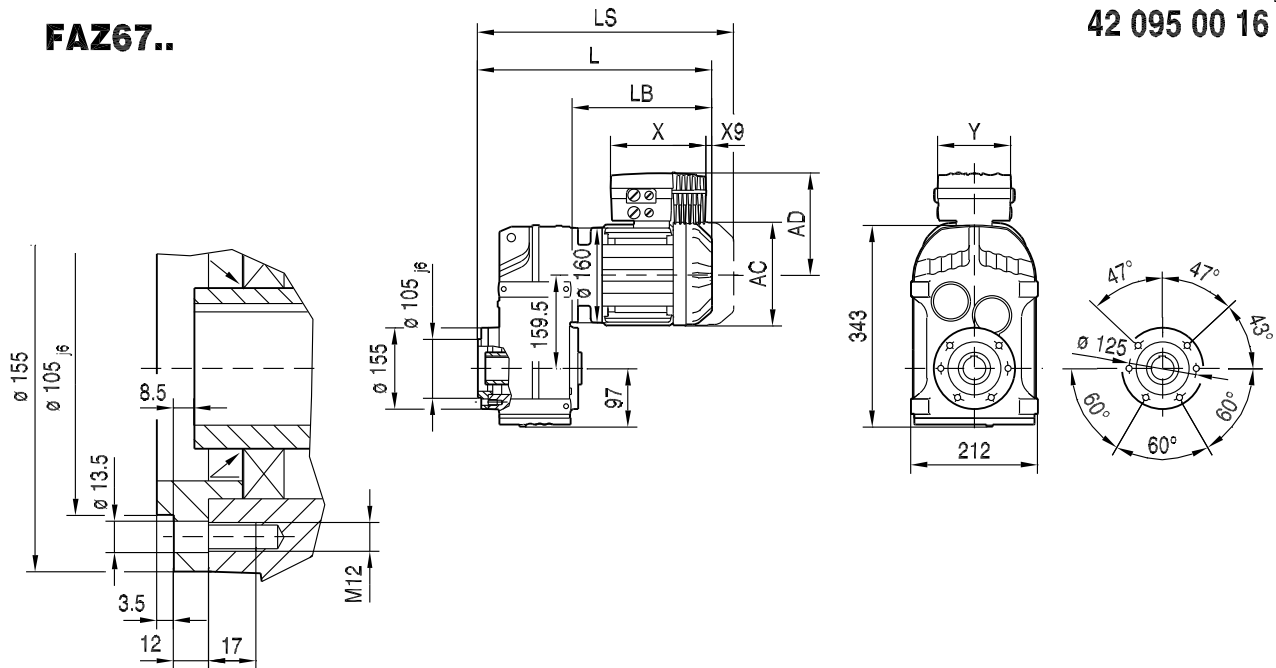
FH67..
max. DRN112M

FV67..

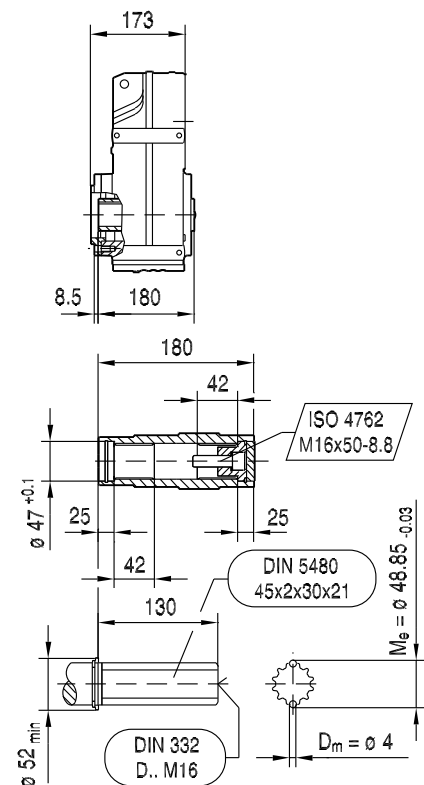
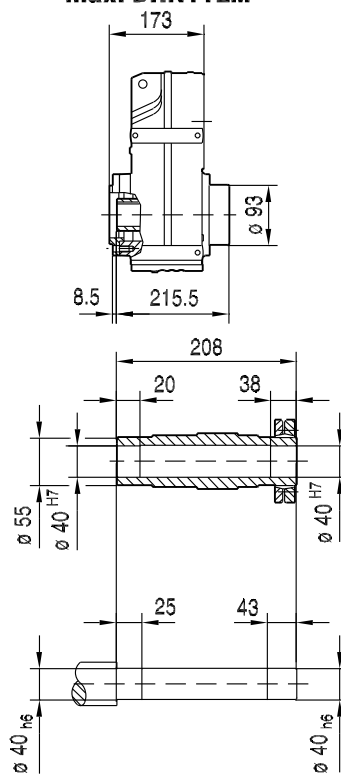
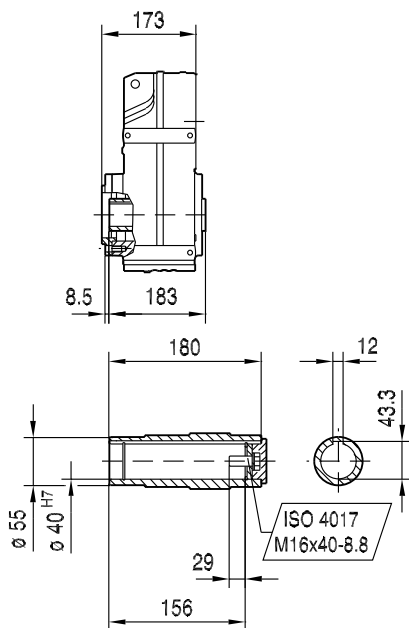


FAZ67..

42 095 00 16

**FAZ67..****FHZ67..**

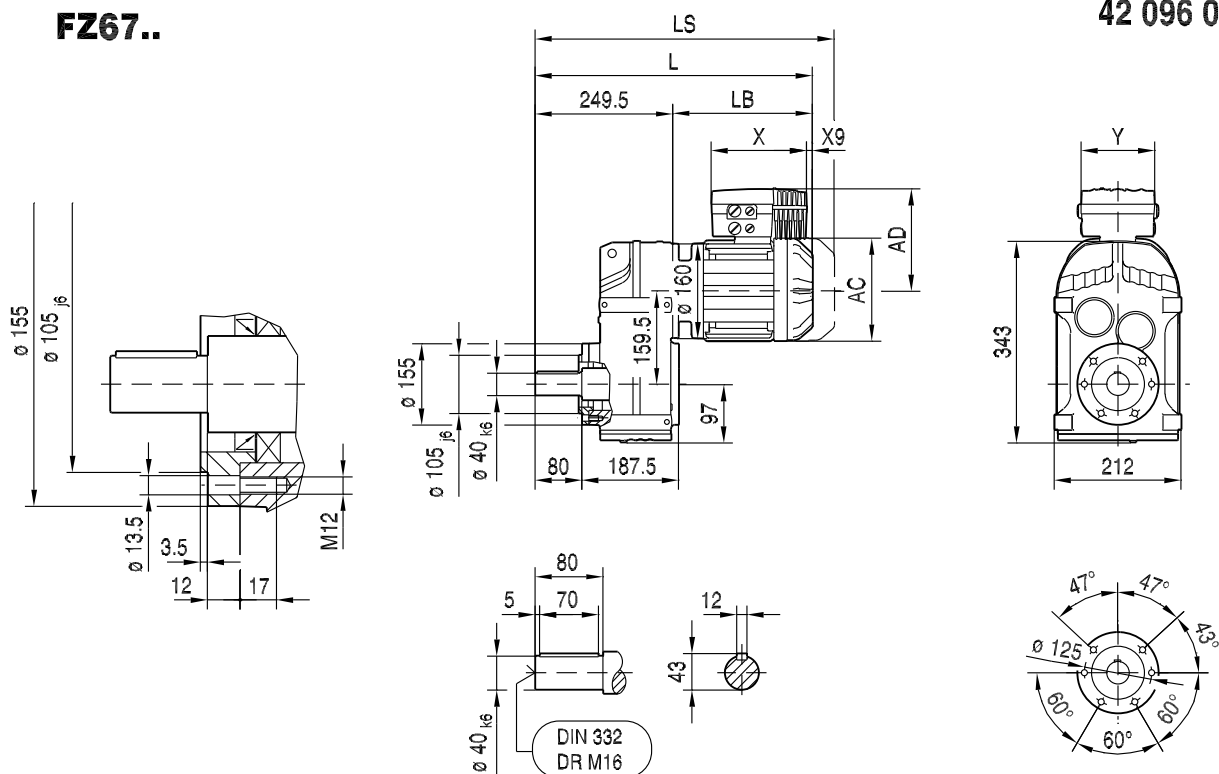
max. DRN112M

FVZ67..

(→ 149)	DR71S. MM..	DR71M. MM..	DRN80M. MM..	DRN90S. MM11/15	DRN90S. MM22	DRN90L. MM15	DRN90L. MM22/30	DRN100LS. MM..	DRN100L. MM..	DRN112M. MM..
AC	139	139	156	179	179	179	179	197	197	221
AD	185	185	197	208	208	208	208	216	216	230
L	369	394	448	450	450	482	482	478	528	559
LS	436	461	529	543	543	575	575	572	622	671
LB	196	221	275	277	277	309	309	305	355	386
X	182	182	182	182	228	182	228	228/254	228/254	254
X9	-14	-14	-7	-1	-16	-1	-16	-18/-44	-18/-44	-23
Y	148	148	148	148	186	148	186	186	186	186

FZ67..

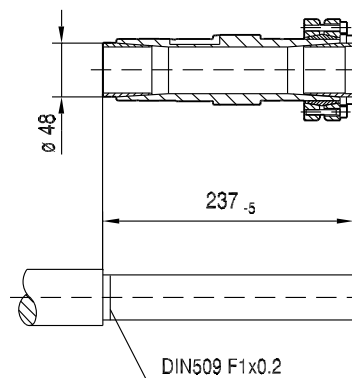
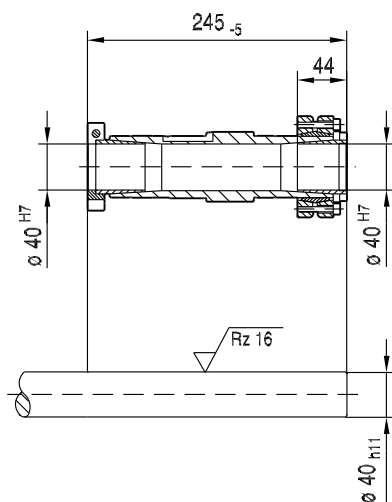
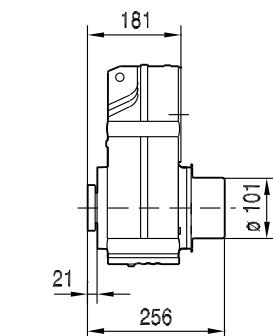
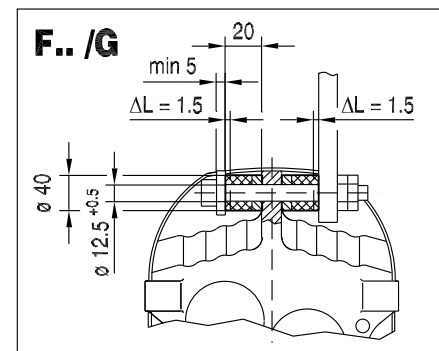
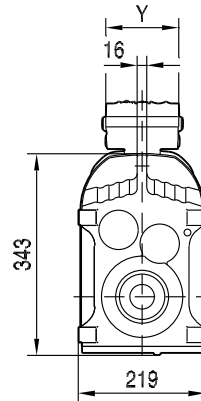
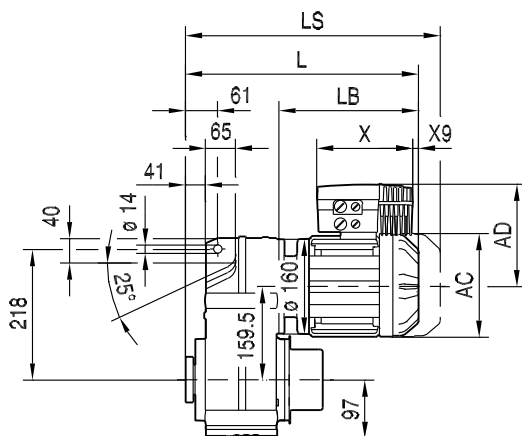
42 096 00 16



(→ 149)	DR71S. MM..	DR71M. MM..	DRN80M. MM..	DRN90S. MM11/15	DRN90S. MM22	DRN90L. MM15	DRN90L. MM22/30	DRN100LS. MM..	DRN100L. MM..	DRN112M. MM..
AC	139	139	156	179	179	179	179	197	197	221
AD	185	185	197	208	208	208	208	216	216	230
L	445	470	525	526	526	558	558	555	605	636
LS	513	538	606	620	620	652	652	648	698	748
LB	196	221	275	277	277	309	309	305	355	386
X	182	182	182	182	228	182	228	228/254	228/254	254
X9	-14	-14	-7	-1	-16	-1	-16	-18/-44	-18/-44	-23
Y	148	148	148	148	186	148	186	186	186	186

FT67..

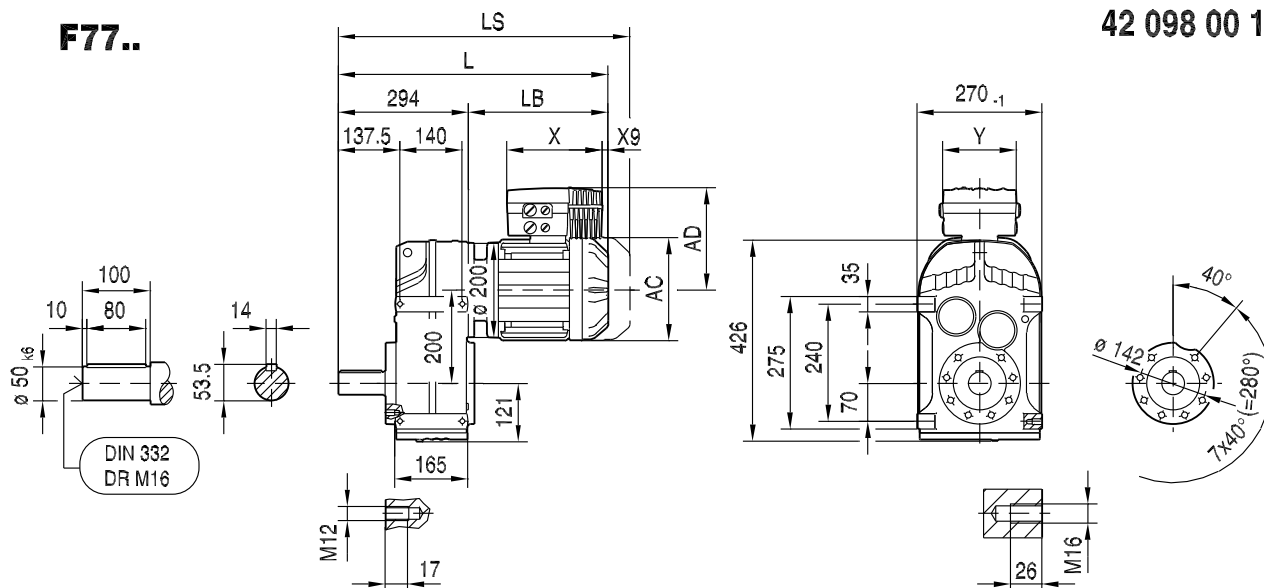
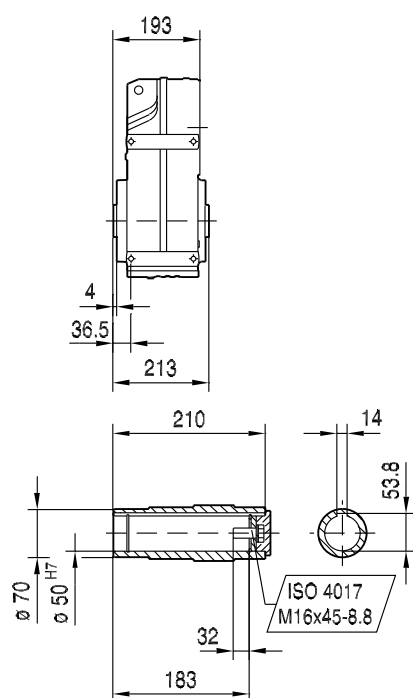
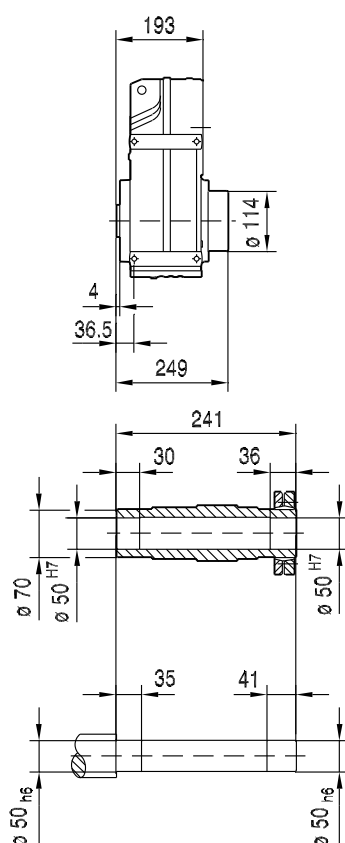
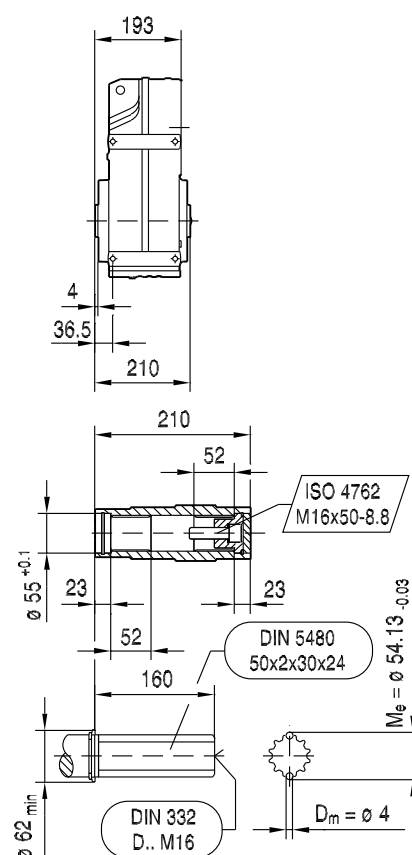
42 097 00 16



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(→ 149)	DR71S. MM..	DR71M. MM..	DRN80M. MM..	DRN90S. MM11/15	DRN90S. MM22	DRN90L. MM15	DRN90L. MM22/30	DRN100LS. MM..	DRN100L. MM..	DRN112M. MM..
AC	139	139	156	179	179	179	179	197	197	221
AD	185	185	197	208	208	208	208	216	216	230
L	377	402	456	458	458	490	490	486	536	567
LS	444	469	537	551	551	583	583	580	630	679
LB	196	221	275	277	277	309	309	305	355	386
X	182	182	182	182	228	182	228	228/254	228/254	254
X9	-14	-14	-7	-1	-16	-1	-16	-18/-44	-18/-44	-23
Y	148	148	148	148	186	148	186	186	186	186

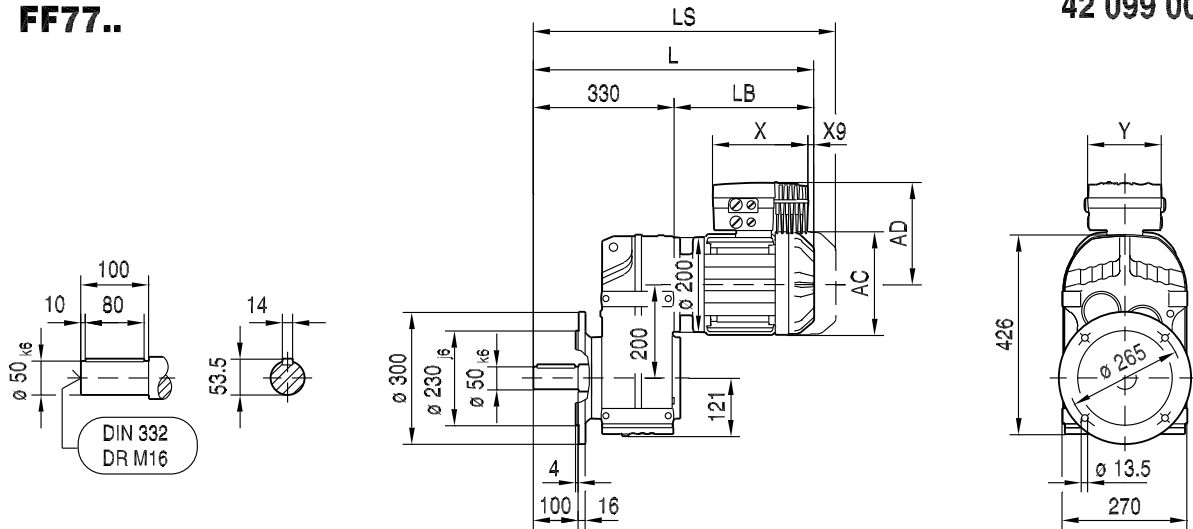
42 098 00 16

F77..**FA77B..****FH77B..****FV77B..**

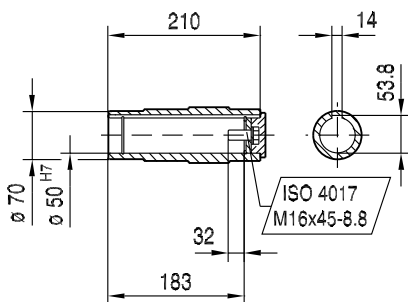
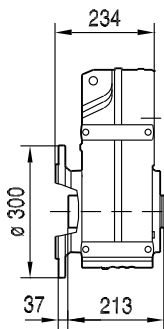
(→ 149)	DR71M. MM..	DRN80M. MM..	DRN90S. MM11/15	DRN90S. MM22	DRN90L. MM15	DRN90L. MM22/30	DRN100LS. MM..	DRN100L. MM..	DRN112M. MM..
AC	139	156	179	179	179	179	197	197	221
AD	185	197	208	208	208	208	216	216	230
L	509	562	564	564	596	596	592	642	673
LS	576	643	657	657	689	689	686	736	785
LB	215	268	270	270	302	302	298	348	379
X	182	182	182	228	182	228	228/254	228/254	254
X9	-14	-7	-1	-16	-1	-16	-18/-44	-18/-44	-23
Y	148	148	148	186	148	186	186	186	186

FF77..

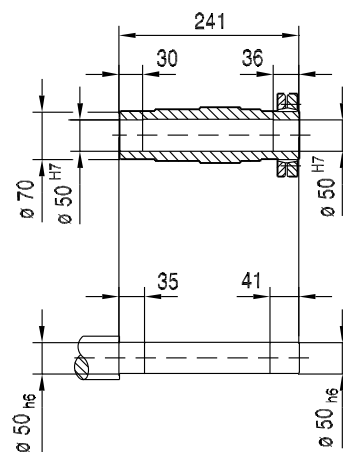
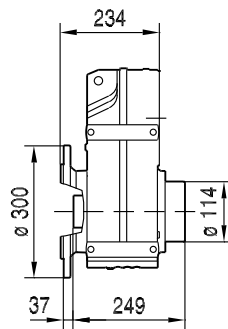
42 099 00 16



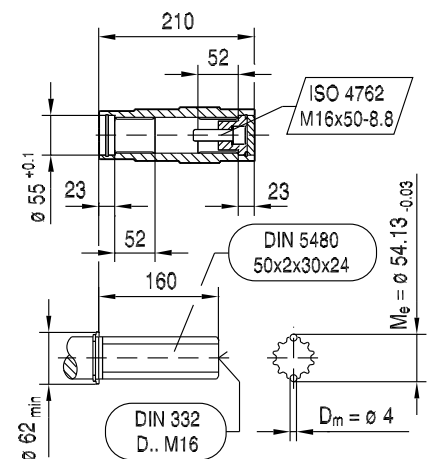
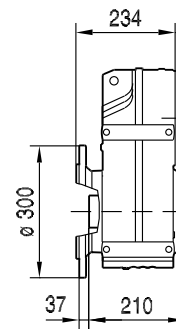
FAF77..



FHF77..



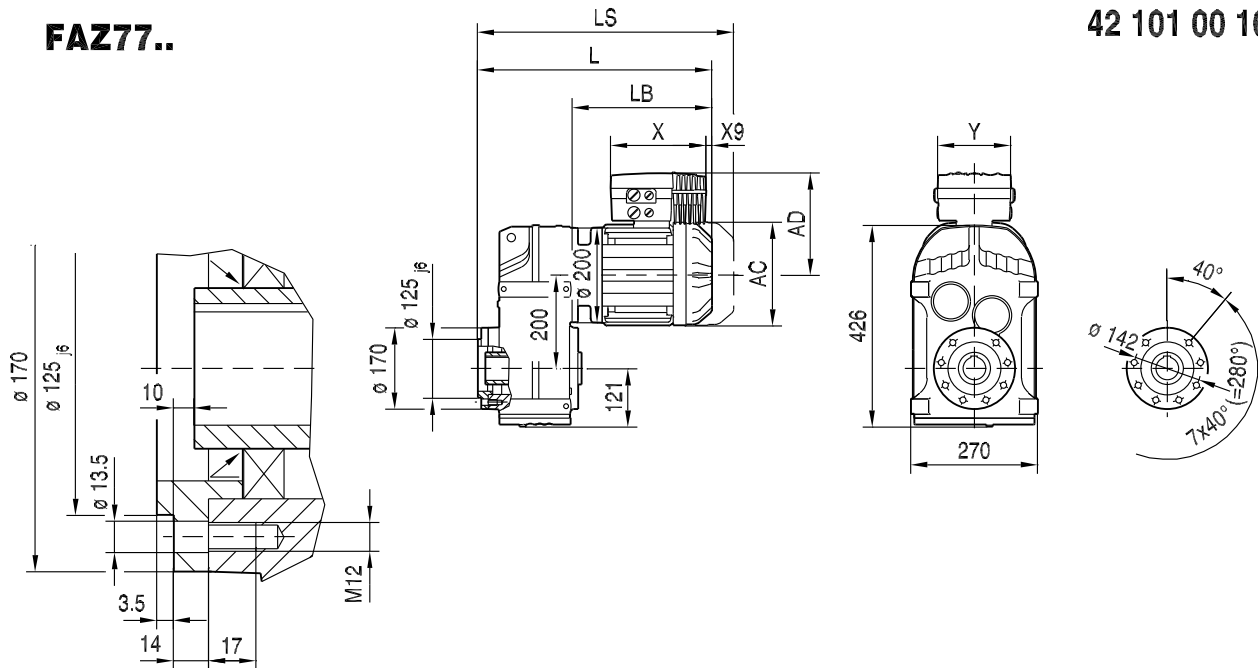
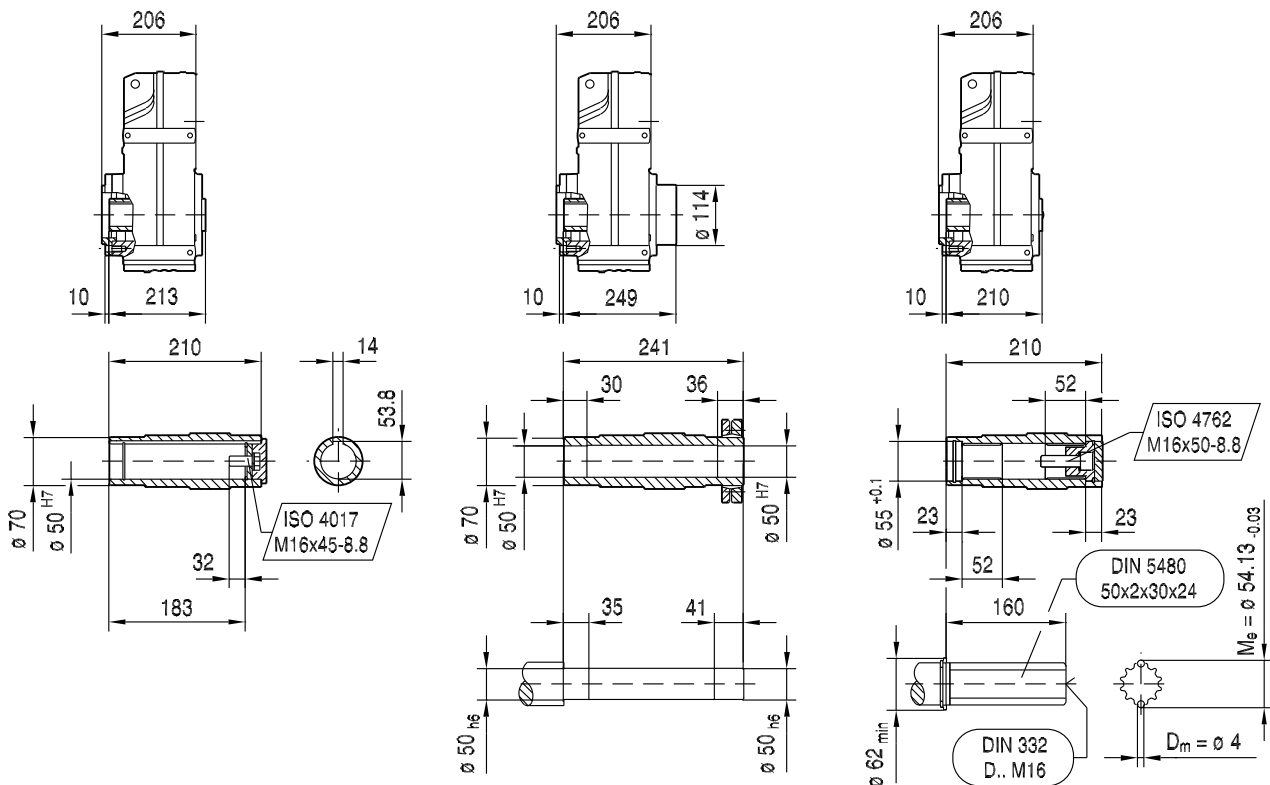
FVF77..



(→ 149)	DR71M. MM..	DRN80M. MM..	DRN90S. MM11/15	DRN90S. MM22	DRN90L. MM15	DRN90L. MM22/30	DRN100LS. MM..	DRN100L. MM..	DRN112M. MM..
AC	139	156	179	179	179	179	197	197	221
AD	185	197	208	208	208	208	216	216	230
L	545	598	600	600	632	632	628	678	709
LS	612	679	693	693	725	725	722	772	821
LB	215	268	270	270	302	302	298	348	379
X	182	182	182	228	182	228	228/254	228/254	254
X9	-14	-7	-1	-16	-1	-16	-18/-44	-18/-44	-23
Y	148	148	148	186	148	186	186	186	186

FAZ77..

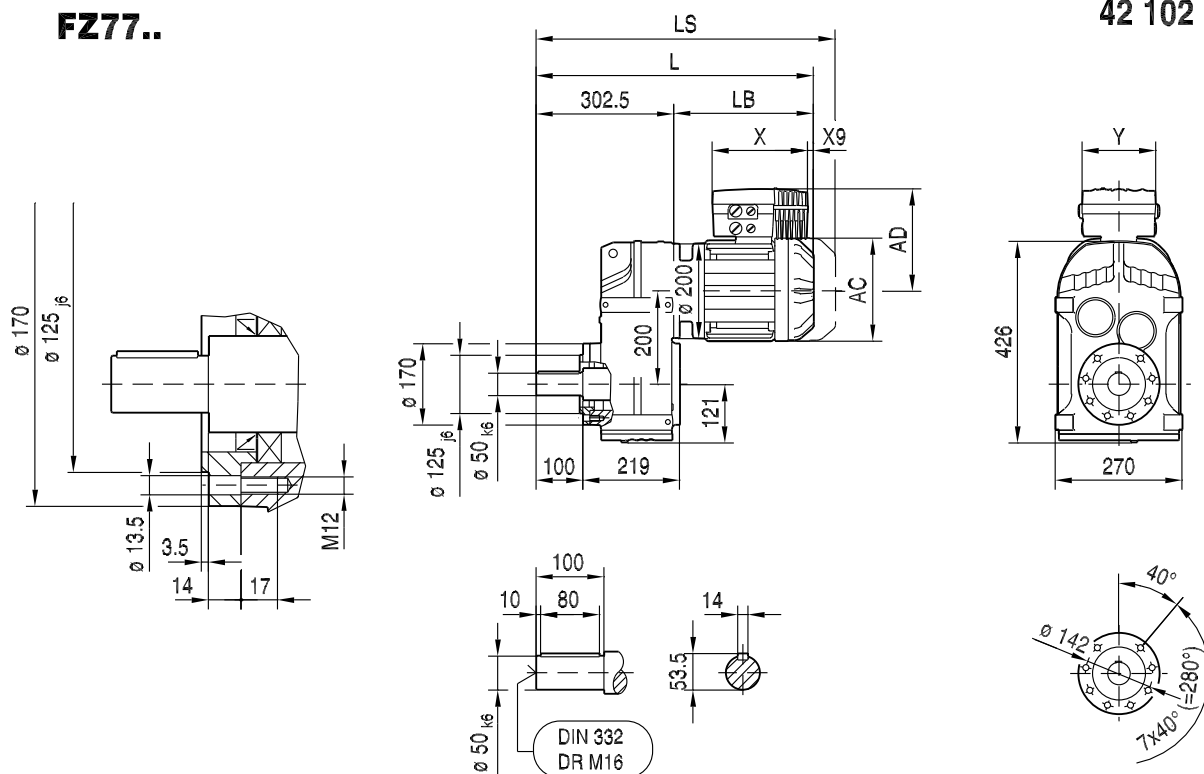
42 101 00 16

**FAZ77..****FHZ77..****FVZ77..**

(→ 149)	DR71M. MM..	DRN80M. MM..	DRN90S. MM11/15	DRN90S. MM22	DRN90L. MM15	DRN90L. MM22/30	DRN100LS. MM..	DRN100L. MM..	DRN112M. MM..
AC	139	156	179	179	179	179	197	197	221
AD	185	197	208	208	208	208	216	216	230
L	421	474	476	476	508	508	504	554	585
LS	488	555	569	569	601	601	598	648	697
LB	215	268	270	270	302	302	298	348	379
X	182	182	182	228	182	228	228/254	228/254	254
X9	-14	-7	-1	-16	-1	-16	-18/-44	-18/-44	-23
Y	148	148	148	186	148	186	186	186	186

FZ77..

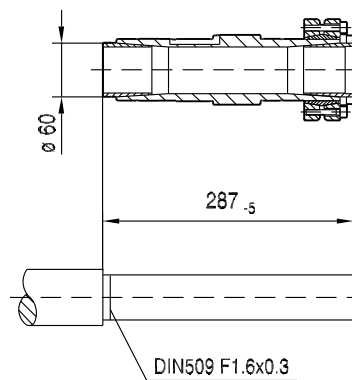
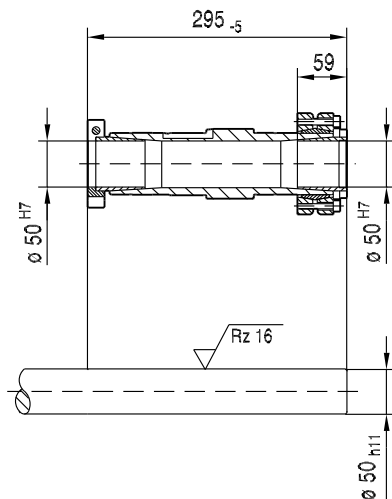
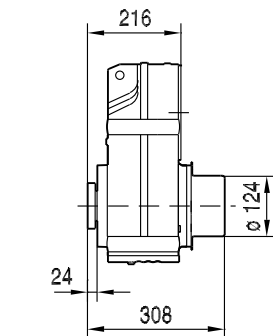
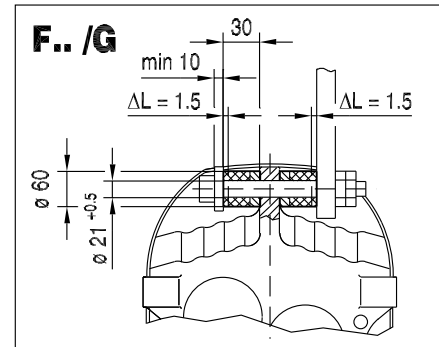
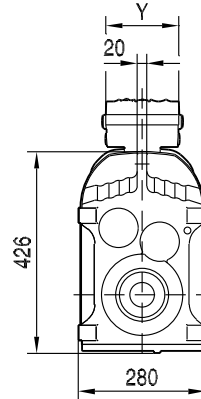
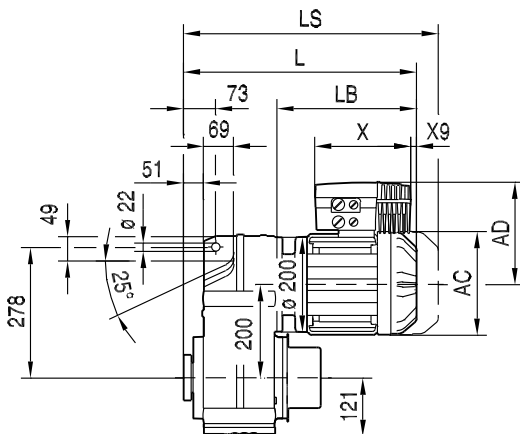
42 102 00 16



(→ 149)	DR71M. MM..	DRN80M. MM..	DRN90S. MM11/15	DRN90S. MM22	DRN90L. MM15	DRN90L. MM22/30	DRN100LS. MM..	DRN100L. MM..	DRN112M. MM..
AC	139	156	179	179	179	179	197	197	221
AD	185	197	208	208	208	208	216	216	230
L	517	571	572	572	604	604	601	651	682
LS	585	652	666	666	698	698	694	744	794
LB	215	268	270	270	302	302	298	348	379
X	182	182	182	228	182	228	228/254	228/254	254
X9	-14	-7	-1	-16	-1	-16	-18/-44	-18/-44	-23
Y	148	148	148	186	148	186	186	186	186

FT77..

42 103 00 16

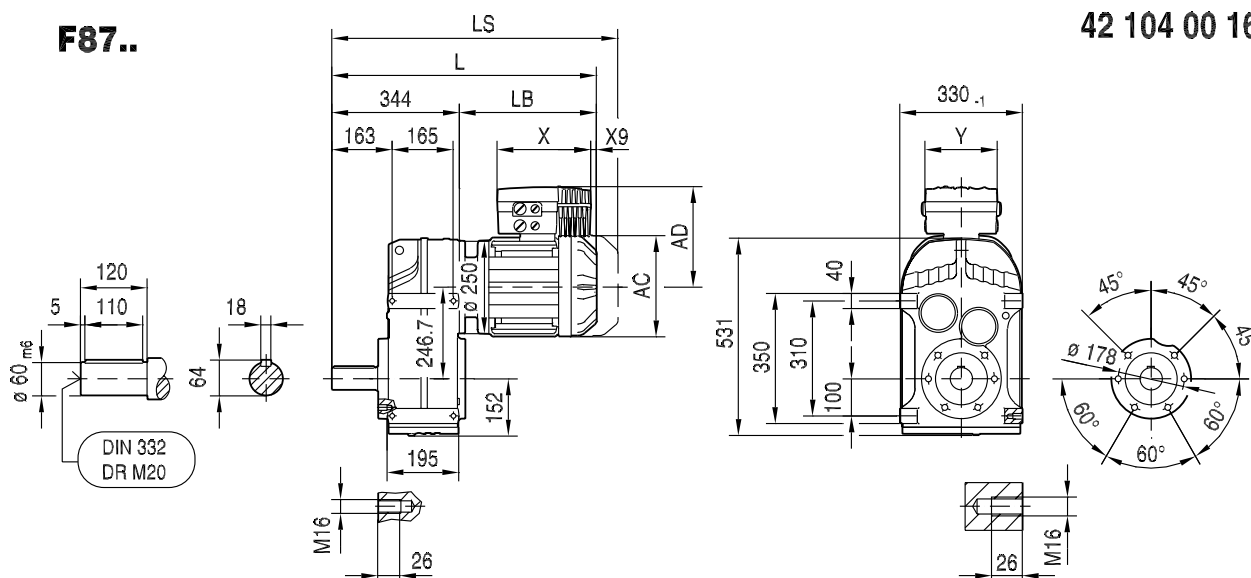
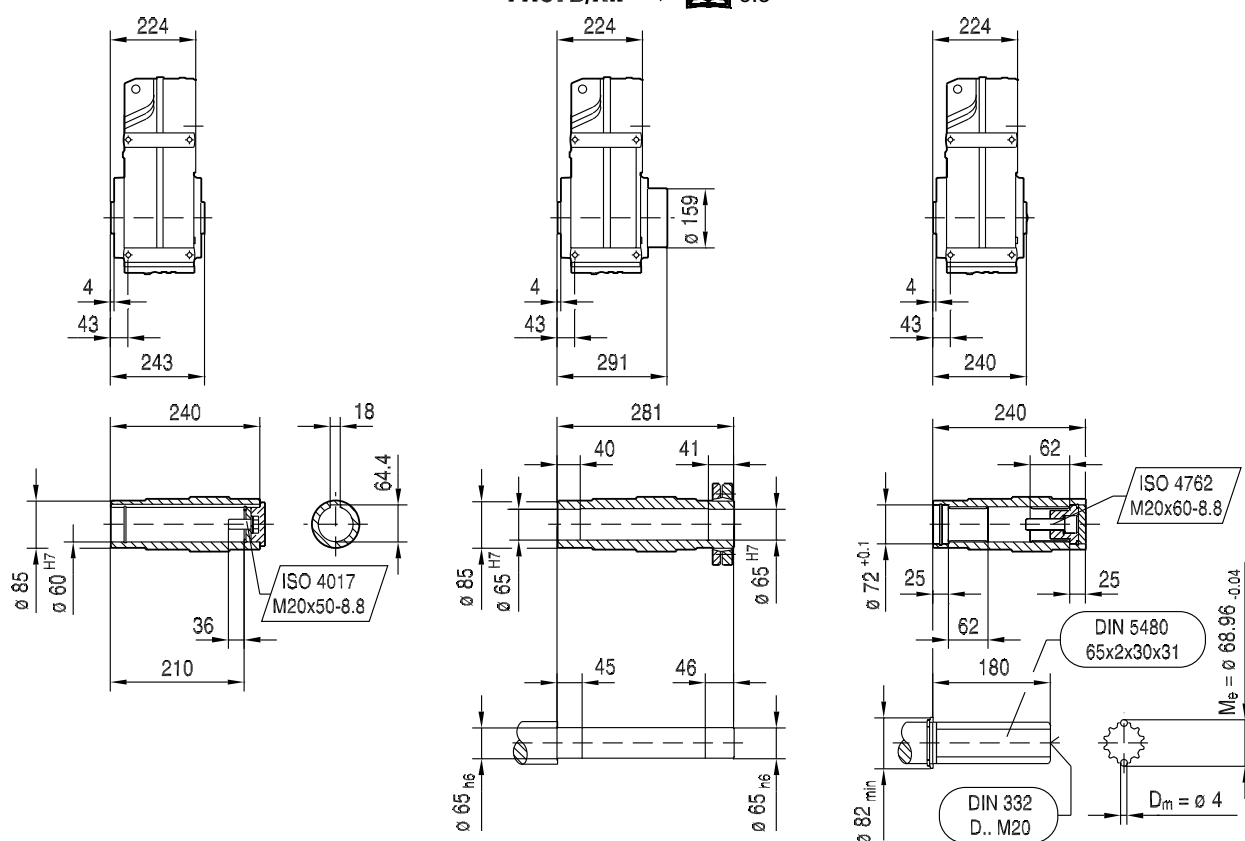


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(→ 149)	DR71M. MM..	DRN80M. MM..	DRN90S. MM11/15	DRN90S. MM22	DRN90L. MM15	DRN90L. MM22/30	DRN100LS. MM..	DRN100L. MM..	DRN112M. MM..
AC	139	156	179	179	179	179	197	197	221
AD	185	197	208	208	208	208	216	216	230
L	431	484	486	486	518	518	514	564	595
LS	498	565	579	579	611	611	608	658	707
LB	215	268	270	270	302	302	298	348	379
X	182	182	182	228	182	228	228/254	228/254	254
X9	-14	-7	-1	-16	-1	-16	-18/-44	-18/-44	-23
Y	148	148	148	186	148	186	186	186	186

F87..

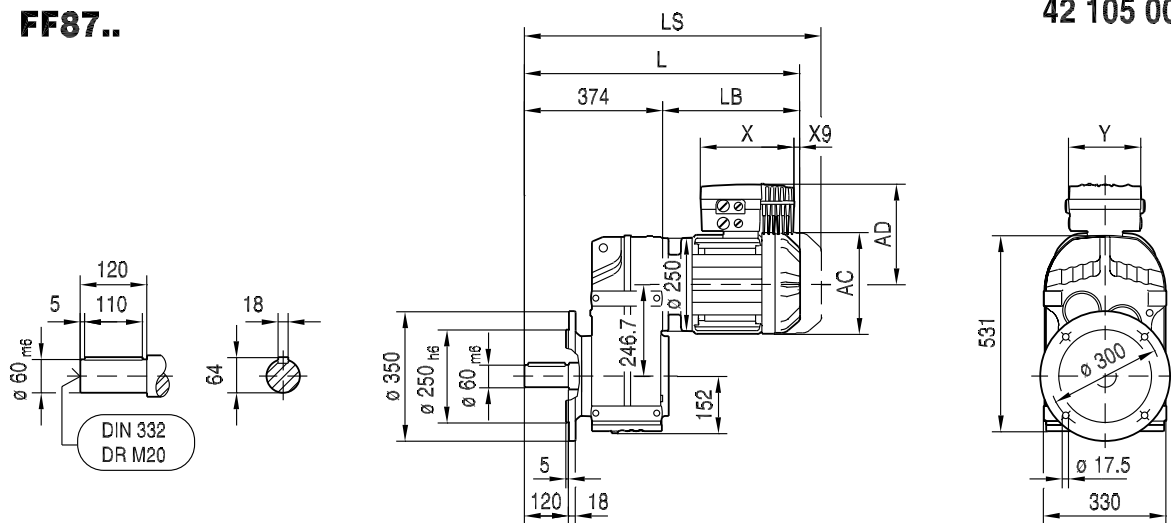
42 104 00 16

**FA87B..****FH87B..**
FH87B/R.. → 6.3**FV87B..**

(→ 149)	DR71M. MM..	DRN80M. MM..	DRN90S. MM11/15	DRN90S. MM22	DRN90L. MM15	DRN90L. MM22/30	DRN100LS. MM..	DRN100L. MM..	DRN112M. MM..
AC	139	156	179	179	179	179	197	197	221
AD	185	197	208	208	208	208	216	216	230
L	553	607	609	609	641	641	637	687	718
LS	620	688	702	702	734	734	731	781	830
LB	209	263	265	265	297	297	293	343	374
X	182	182	182	228	182	228	228/254	228/254	254
X9	-14	-7	-1	-16	-1	-16	-18/-44	-18/-44	-23
Y	148	148	148	186	148	186	186	186	186

FF87..

42 105 00 16

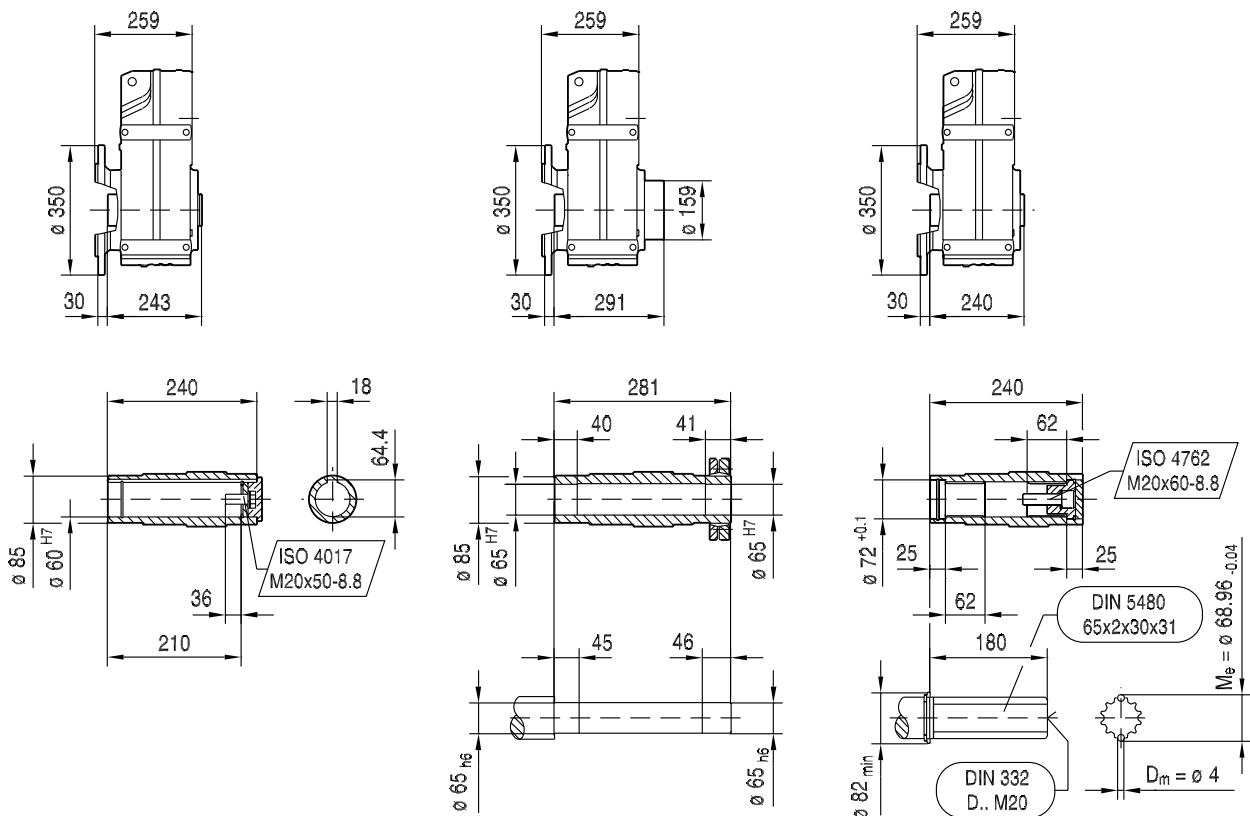


FAF87..

FHF87..

FHF87/R.. → **6.3**

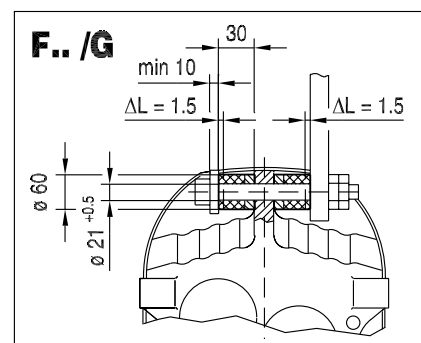
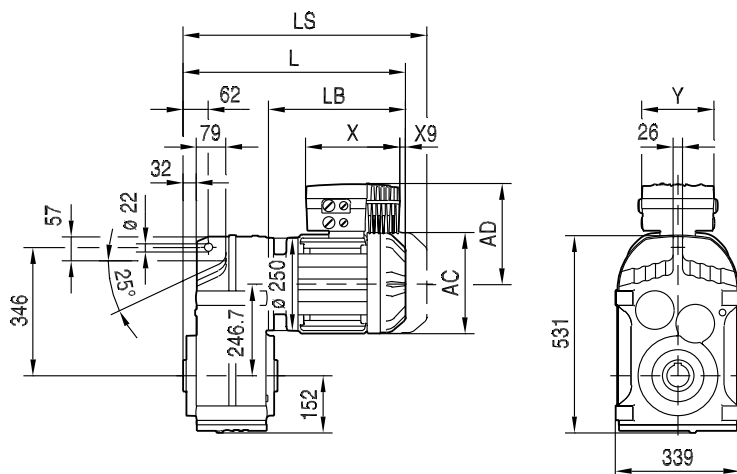
FVF87..



(→ 149)	DR71M. MM..	DRN80M. MM..	DRN90S. MM11/15	DRN90S. MM22	DRN90L. MM15	DRN90L. MM22/30	DRN100LS. MM..	DRN100L. MM..	DRN112M. MM..
AC	139	156	179	179	179	179	197	197	221
AD	185	197	208	208	208	208	216	216	230
L	583	637	639	639	671	671	667	717	748
LS	650	718	732	732	764	764	761	811	860
LB	209	263	265	265	297	297	293	343	374
X	182	182	182	228	182	228	228/254	228/254	254
X9	-14	-7	-1	-16	-1	-16	-18/-44	-18/-44	-23
Y	148	148	148	186	148	186	186	186	186

FA87..

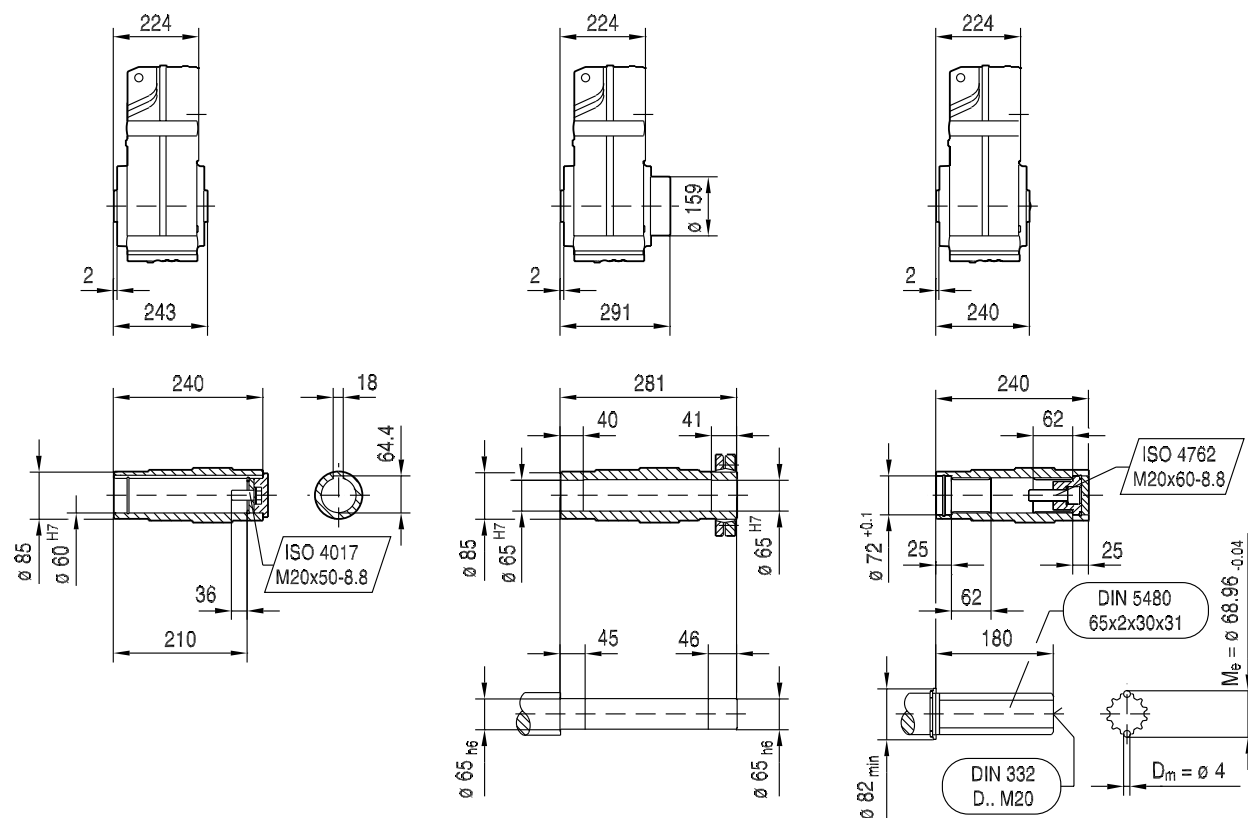
42 106 00 16



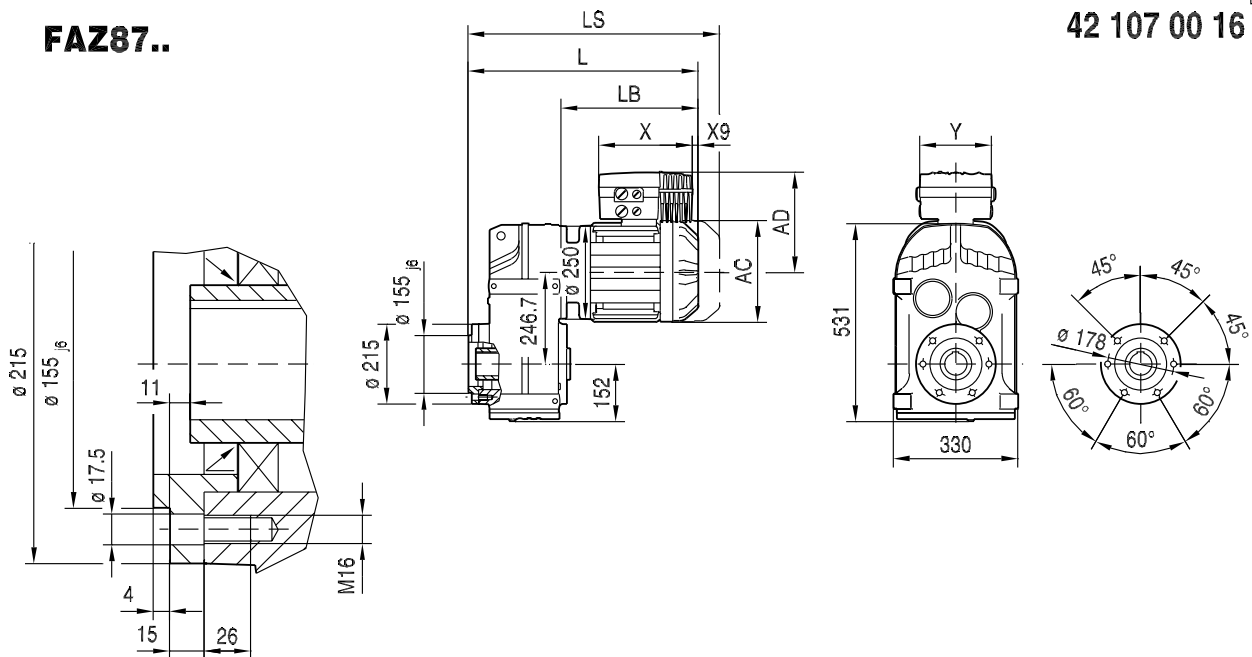
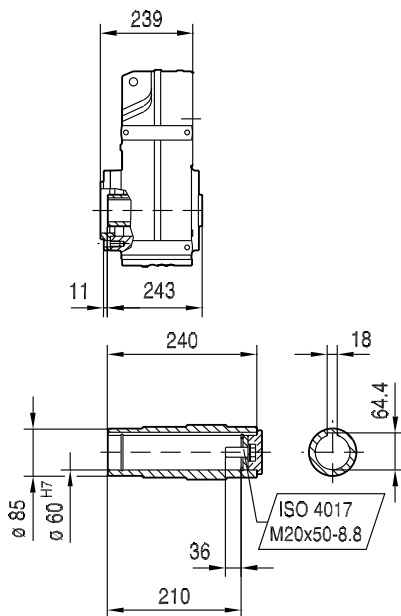
FA87..

FH87..
FH87/R.. → 6.3

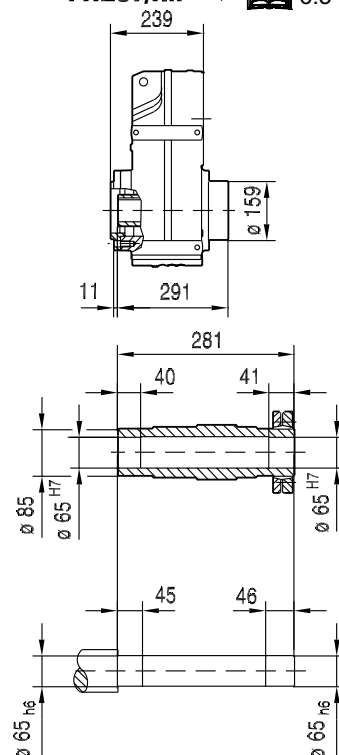
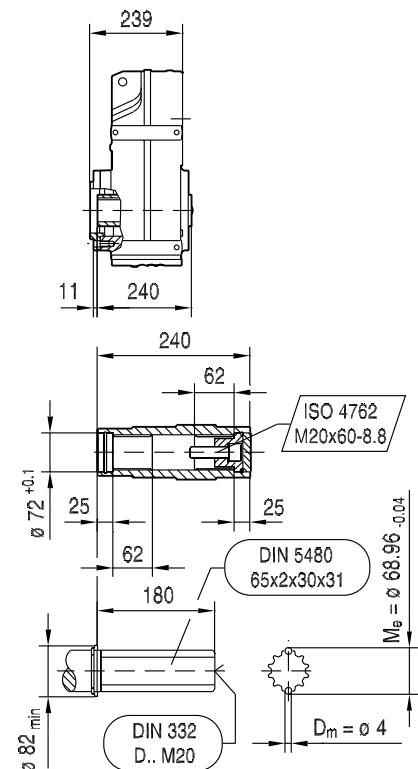
FV87..



(→ 149)	DR71M. MM..	DRN80M. MM..	DRN90S. MM11/15	DRN90S. MM22	DRN90L. MM15	DRN90L. MM22/30	DRN100LS. MM..	DRN100L. MM..	DRN112M. MM..
AC	139	156	179	179	179	179	197	197	221
AD	185	197	208	208	208	208	216	216	230
L	433	487	489	489	521	521	517	567	598
LS	500	568	582	582	614	614	611	661	710
LB	209	263	265	265	297	297	293	343	374
X	182	182	182	228	182	228	228/254	228/254	254
X9	-14	-7	-1	-16	-1	-16	-18/-44	-18/-44	-23
Y	148	148	148	186	148	186	186	186	186

FAZ87..42 107 00 16^L**FAZ87..****FHZ87..**

FHZ87/R.. → 6.3

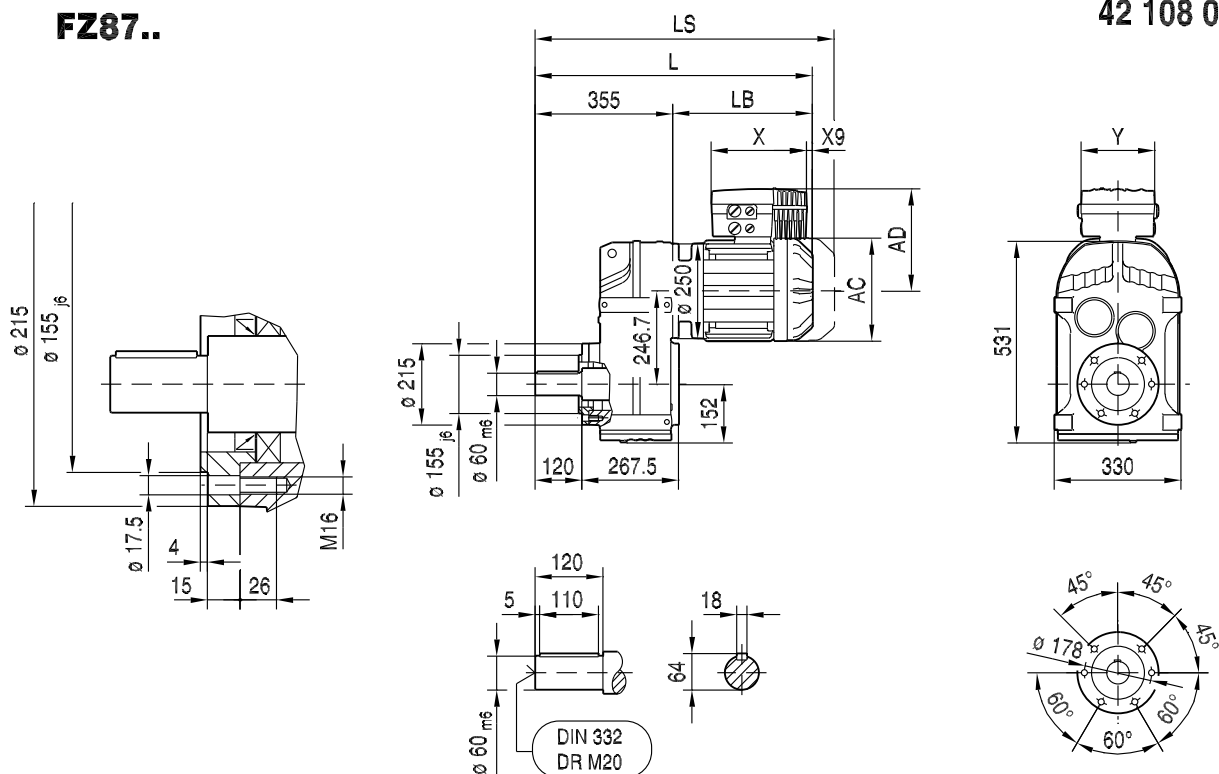
**FVZ87..**

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(→ 149)	DR71M. MM..	DRN80M. MM..	DRN90S. MM11/15	DRN90S. MM22	DRN90L. MM15	DRN90L. MM22/30	DRN100LS. MM..	DRN100L. MM..	DRN112M. MM..
AC	139	156	179	179	179	179	197	197	221
AD	185	197	208	208	208	208	216	216	230
L	448	502	504	504	536	536	532	582	613
LS	515	583	597	597	629	629	626	676	725
LB	209	263	265	265	297	297	293	343	374
X	182	182	182	228	182	228	228/254	228/254	254
X9	-14	-7	-1	-16	-1	-16	-18/-44	-18/-44	-23
Y	148	148	148	186	148	186	186	186	186

FZ87..

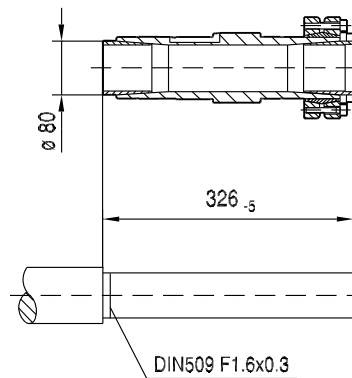
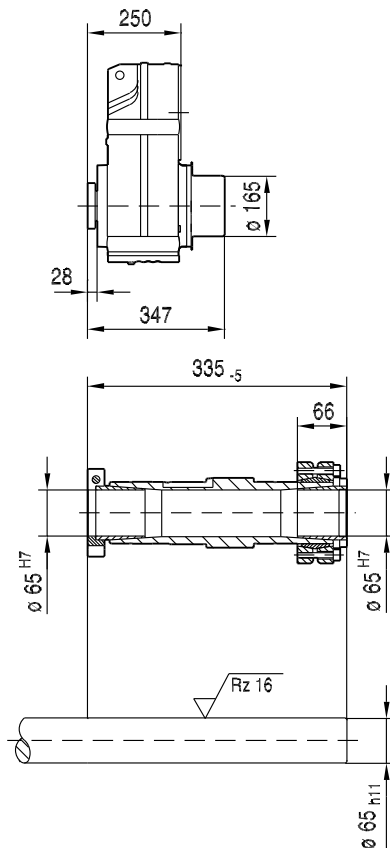
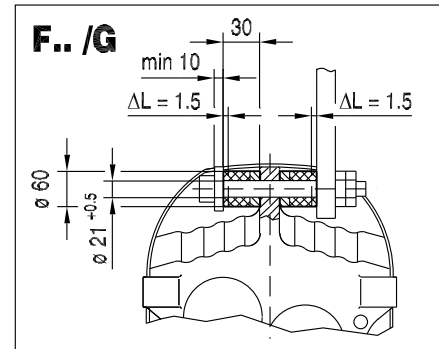
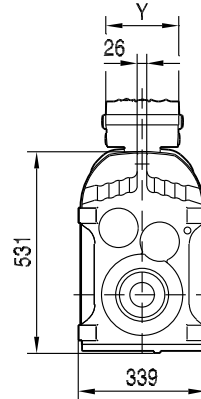
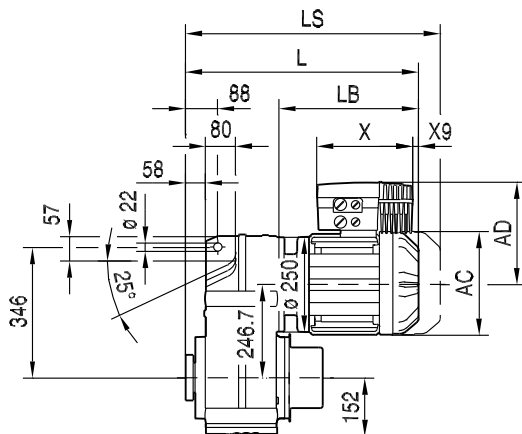
42 108 00 16



(→ 149)	DR71M. MM..	DRN80M. MM..	DRN90S. MM11/15	DRN90S. MM22	DRN90L. MM15	DRN90L. MM22/30	DRN100LS. MM..	DRN100L. MM..	DRN112M. MM..
AC	139	156	179	179	179	179	197	197	221
AD	185	197	208	208	208	208	216	216	230
L	564	618	620	620	652	652	648	698	729
LS	631	699	713	713	745	745	742	792	841
LB	209	263	265	265	297	297	293	343	374
X	182	182	182	228	182	228	228/254	228/254	254
X9	-14	-7	-1	-16	-1	-16	-18/-44	-18/-44	-23
Y	148	148	148	186	148	186	186	186	186

FT87..

42 109 00 16

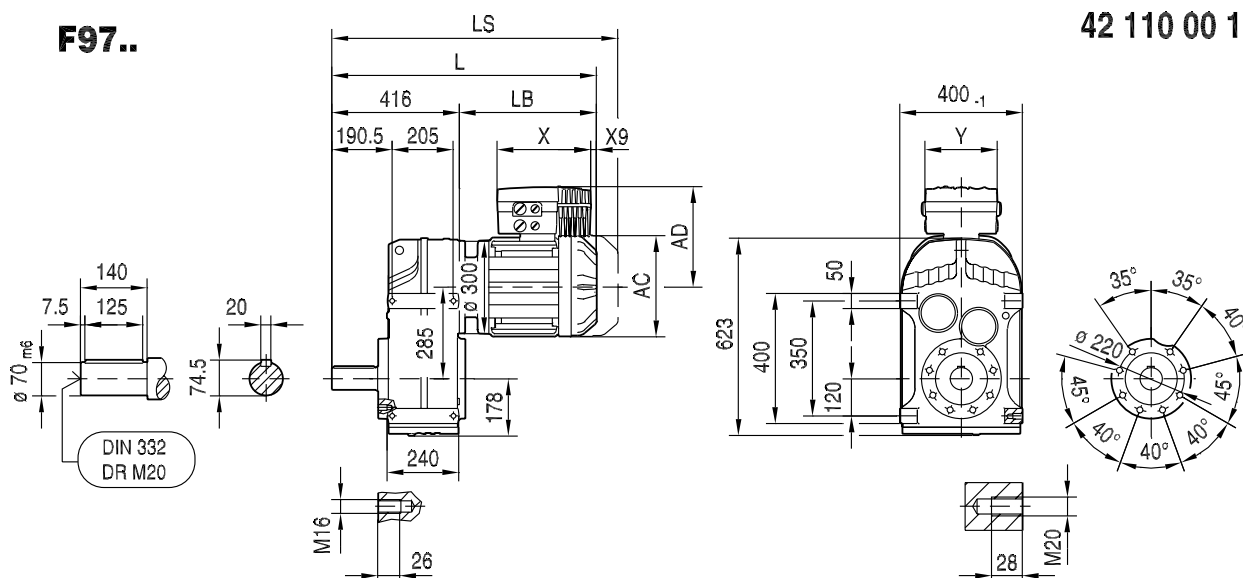


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(→ 149)	DR71M. MM..	DRN80M. MM..	DRN90S. MM11/15	DRN90S. MM22	DRN90L. MM15	DRN90L. MM22/30	DRN100LS. MM..	DRN100L. MM..	DRN112M. MM..
AC	139	156	179	179	179	179	197	197	221
AD	185	197	208	208	208	208	216	216	230
L	459	513	515	515	547	547	543	593	624
LS	526	594	608	608	640	640	637	687	736
LB	209	263	265	265	297	297	293	343	374
X	182	182	182	228	182	228	228/254	228/254	254
X9	-14	-7	-1	-16	-1	-16	-18/-44	-18/-44	-23
Y	148	148	148	186	148	186	186	186	186

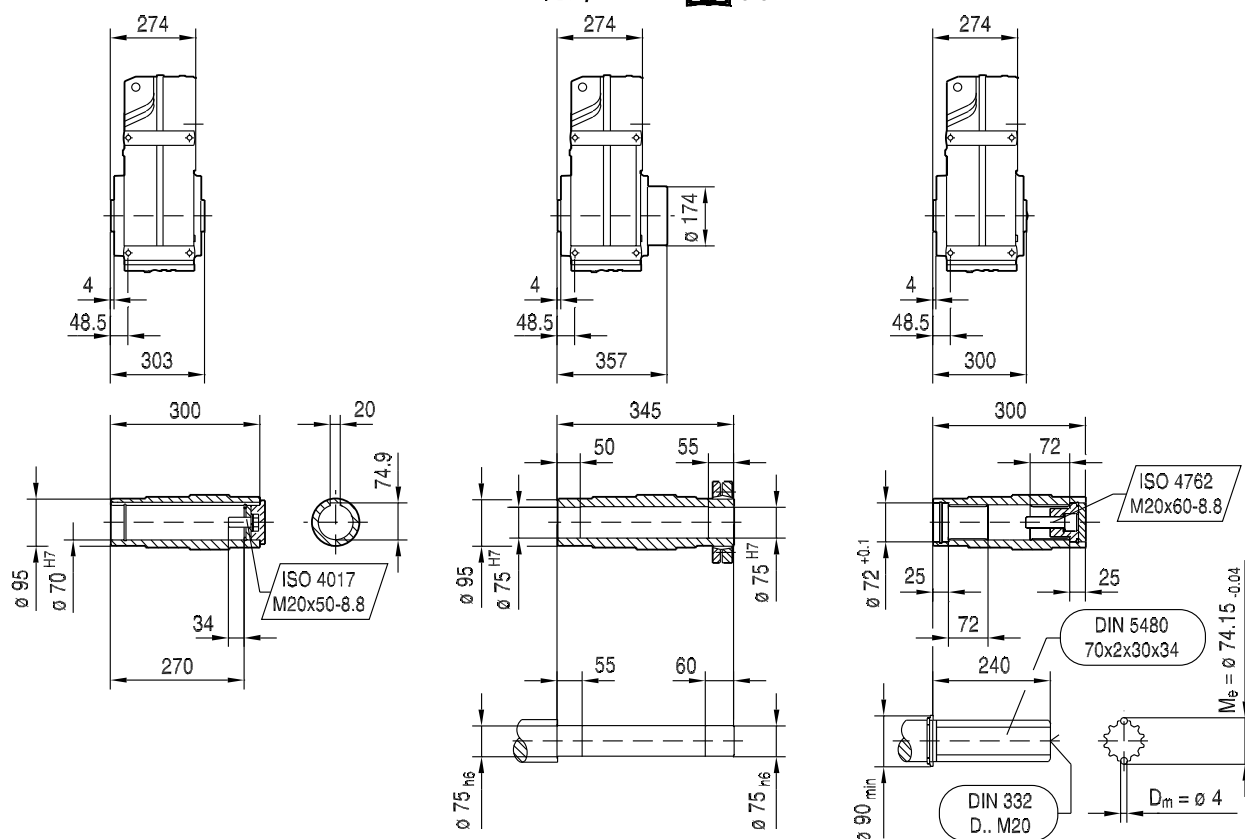
F97..

42 110 00 16

**FA97B..****FH97B..**

FH97B/R.. →  6.3

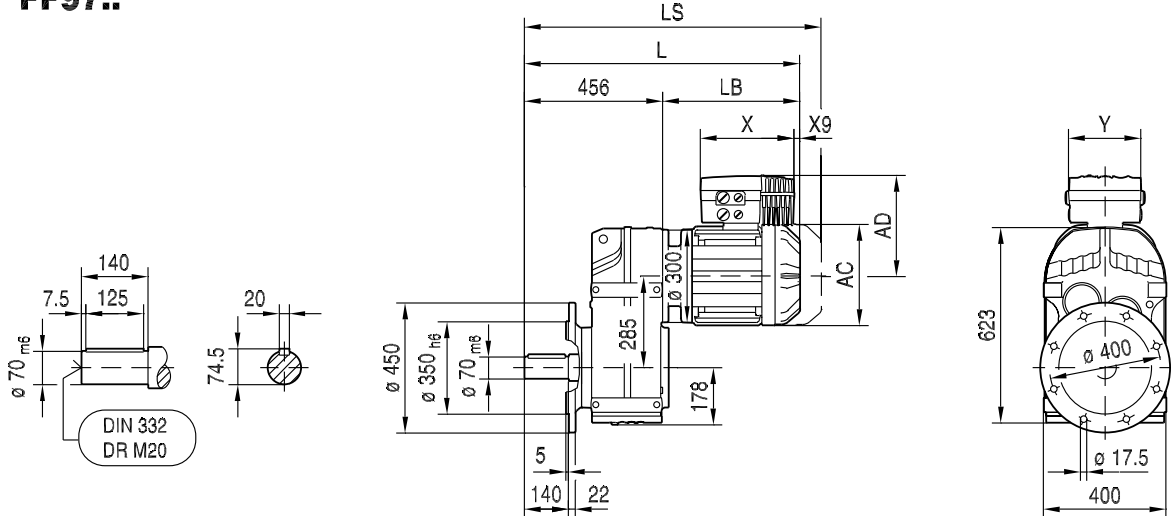
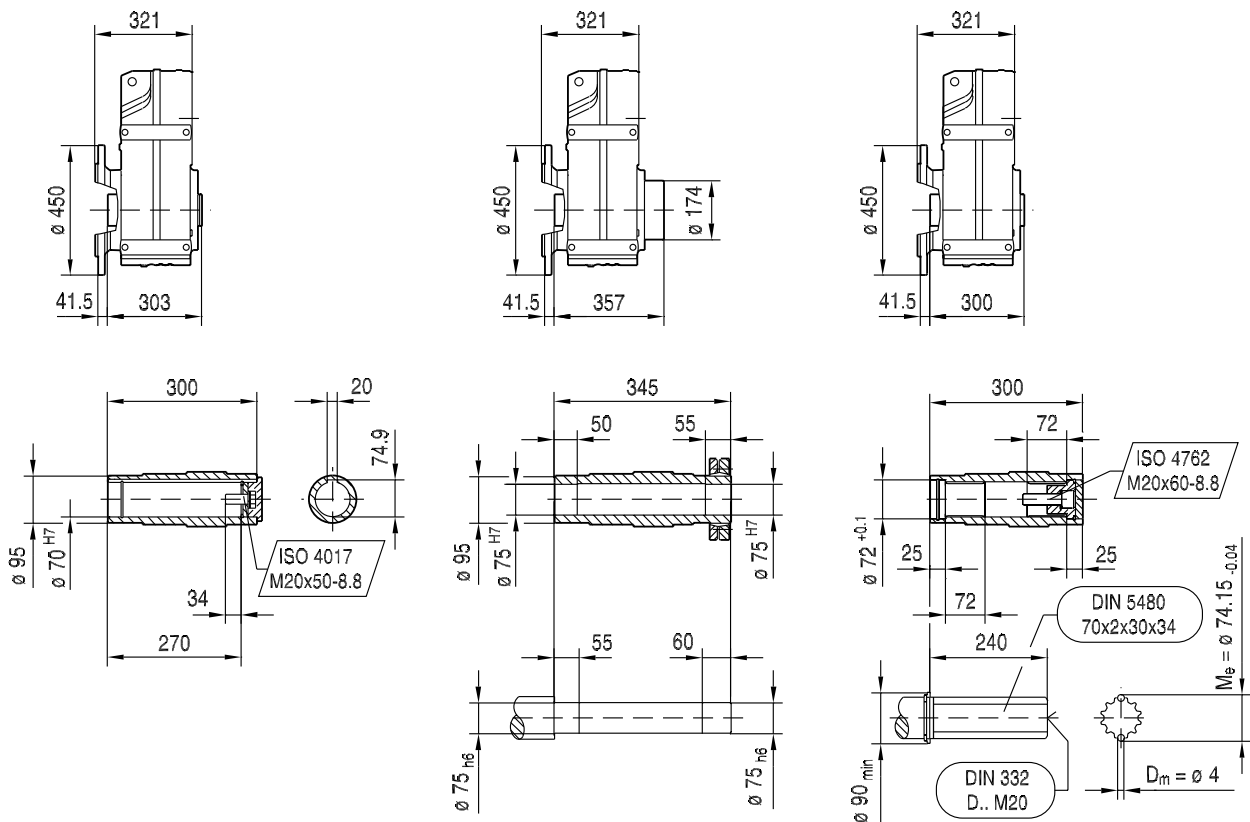
FV97B..



(→ 149)	DRN80M. MM..	DRN90S. MM11/15	DRN90S. MM22	DRN90L. MM15	DRN90L. MM22/30	DRN100LS. MM..	DRN100L. MM..	DRN112M. MM..
AC	156	179	179	179	179	197	197	221
AD	197	208	208	208	208	216	216	230
L	674	676	676	708	708	704	754	785
LS	755	769	769	801	801	798	848	897
LB	258	260	260	292	292	288	338	369
X	182	182	228	182	228	228/254	228/254	254
X9	-7	-1	-16	-1	-16	-18/-44	-18/-44	-23
Y	148	148	186	148	186	186	186	186

FF97..

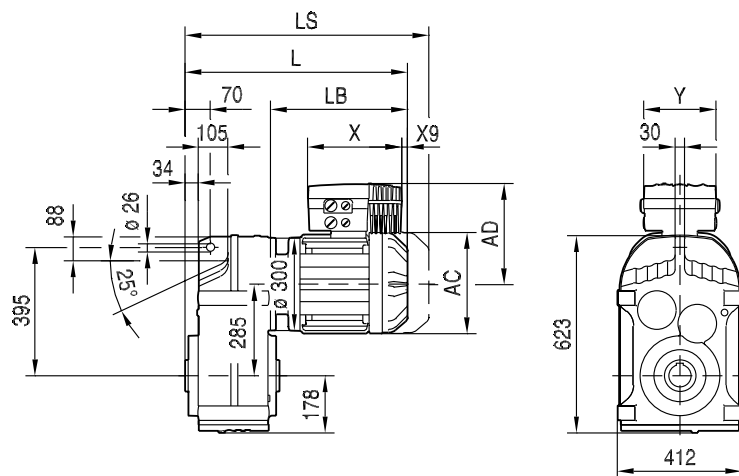
42 111 00 16

**FAF97..****FHF97..**
FHF97/R.. → 6.3**FVF97..**

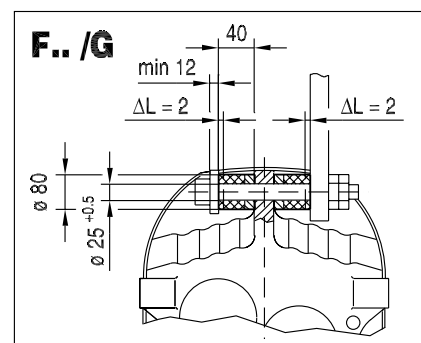
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(→ 149)	DRN80M. MM..	DRN90S. MM11/15	DRN90S. MM22	DRN90L. MM15	DRN90L. MM22/30	DRN100LS. MM..	DRN100L. MM..	DRN112M. MM..
AC	156	179	179	179	179	197	197	221
AD	197	208	208	208	208	216	216	230
L	714	716	716	748	748	744	794	825
LS	795	809	809	841	841	838	888	937
LB	258	260	260	292	292	288	338	369
X	182	182	228	182	228	228/254	228/254	254
X9	-7	-1	-16	-1	-16	-18/-44	-18/-44	-23
Y	148	148	186	148	186	186	186	186

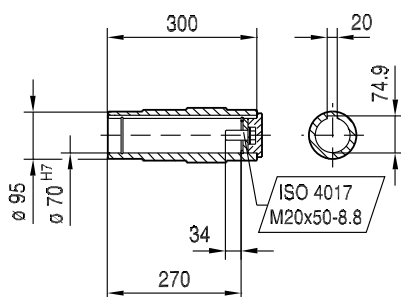
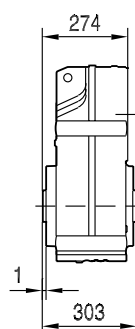
FA97..



42 112 00 16

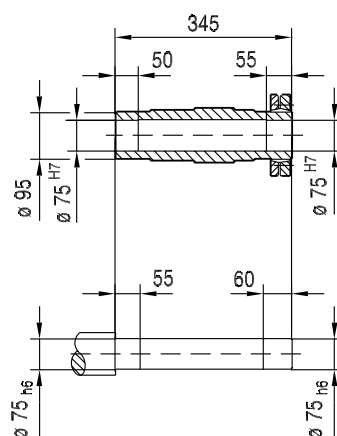
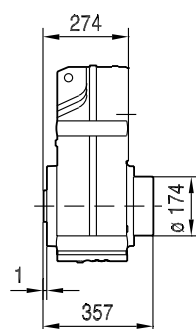


FA97..

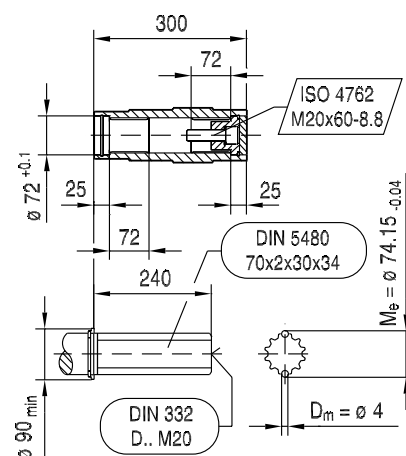
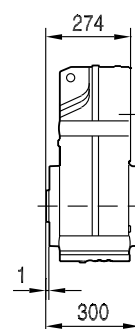


FH97..

FH97/R.. → 6.3



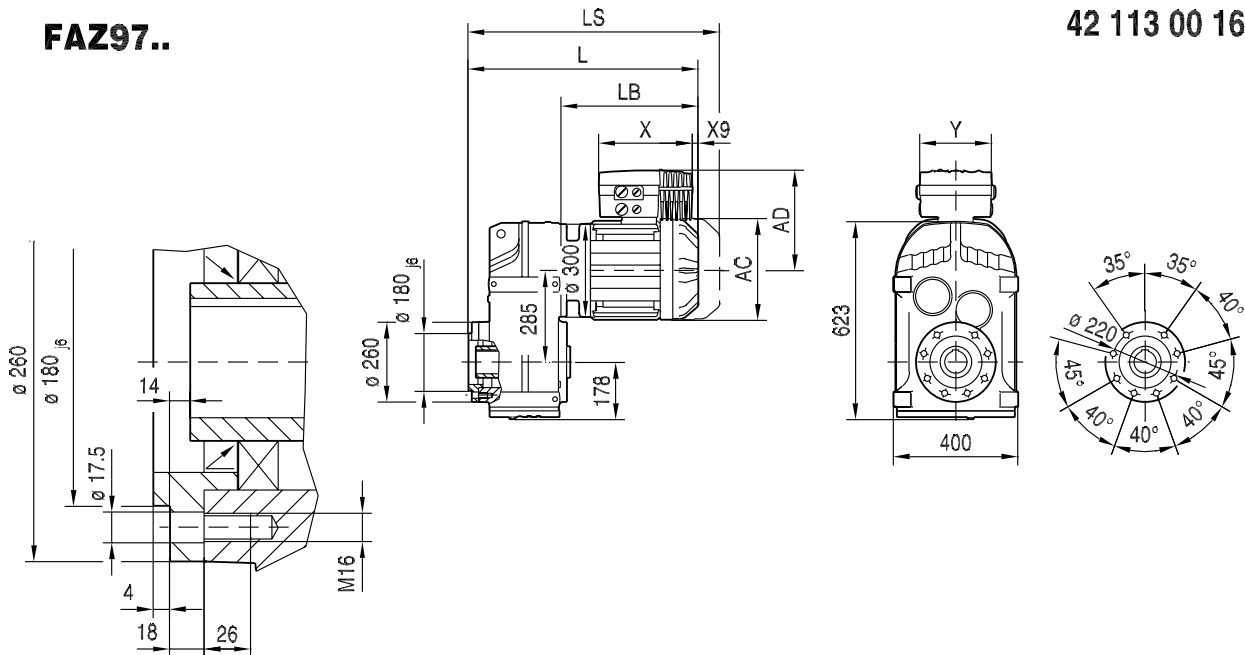
FV97..



(→ 149)	DRN80M. MM..	DRN90S. MM11/15	DRN90S. MM22	DRN90L. MM15	DRN90L. MM22/30	DRN100LS. MM..	DRN100L. MM..	DRN112M. MM..
AC	156	179	179	179	179	197	197	221
AD	197	208	208	208	208	216	216	230
L	532	534	534	566	566	562	612	643
LS	613	627	627	659	659	656	706	755
LB	258	260	260	292	292	288	338	369
X	182	182	228	182	228	228/254	228/254	254
X9	-7	-1	-16	-1	-16	-18/-44	-18/-44	-23
Y	148	148	186	148	186	186	186	186

FAZ97..

42 113 00 16



FAZ97..

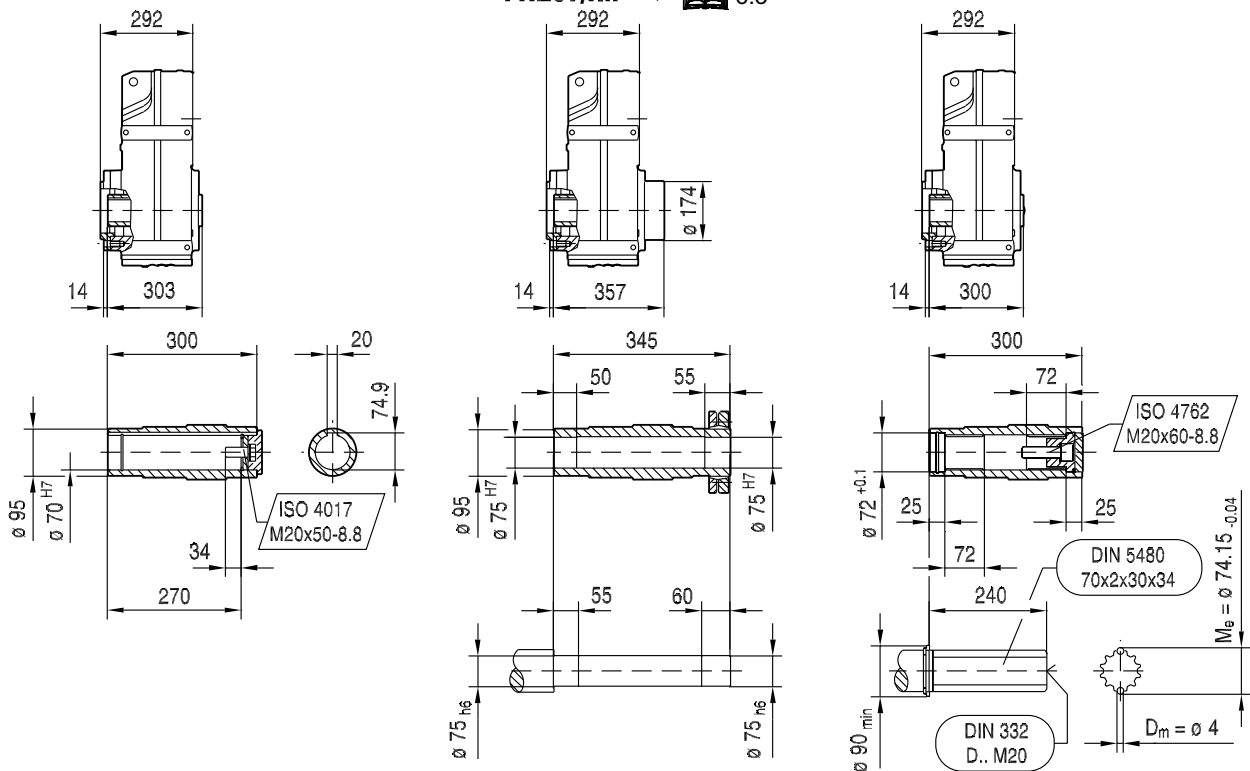
FHZ97..

FHZ97/R.. →  **6.3**



6.3

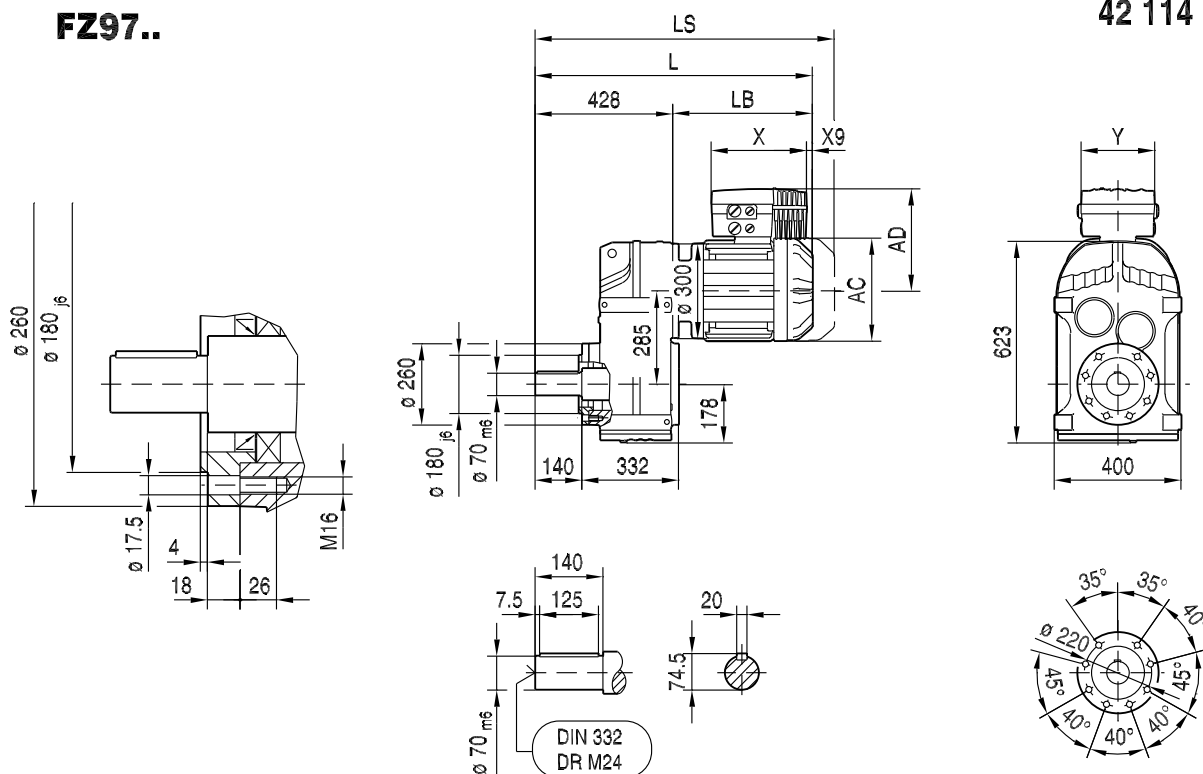
FVZ97..



(→ 149)	DRN80M. MM..	DRN90S. MM11/15	DRN90S. MM22	DRN90L. MM15	DRN90L. MM22/30	DRN100LS. MM..	DRN100L. MM..	DRN112M. MM..
AC	156	179	179	179	179	197	197	221
AD	197	208	208	208	208	216	216	230
L	550	552	552	584	584	580	630	661
LS	631	645	645	677	677	674	724	773
LB	258	260	260	292	292	288	338	369
X	182	182	228	182	228	228/254	228/254	254
X9	-7	-1	-16	-1	-16	-18/-44	-18/-44	-23
Y	148	148	186	148	186	186	186	186

FZ97..

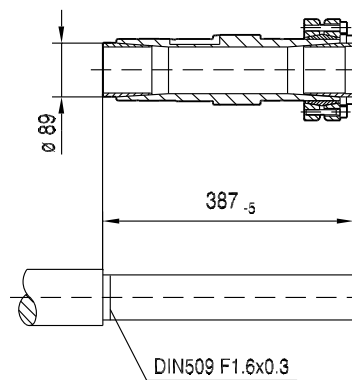
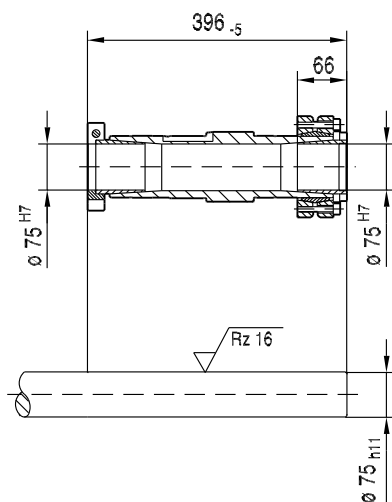
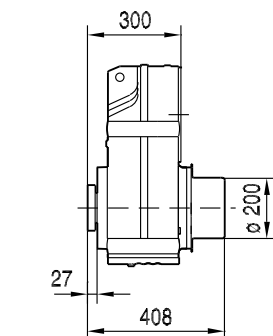
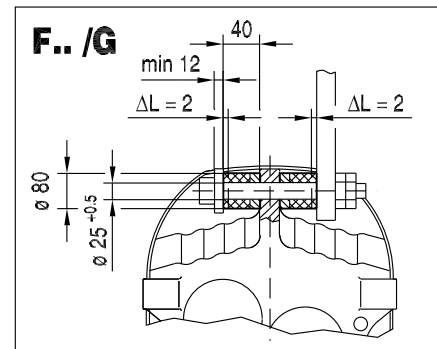
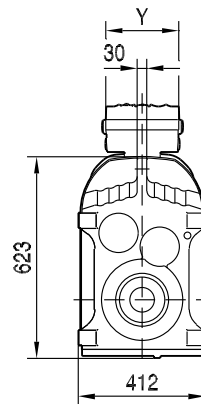
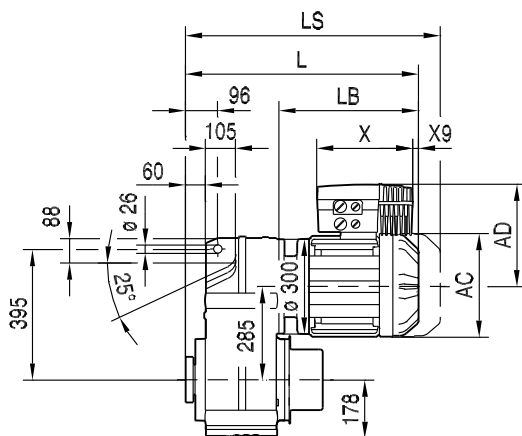
42 114 00 16



(→ 149)	DRN80M. MM..	DRN90S. MM11/15	DRN90S. MM22	DRN90L. MM15	DRN90L. MM22/30	DRN100LS. MM..	DRN100L. MM..	DRN112M. MM..
AC	156	179	179	179	179	197	197	221
AD	197	208	208	208	208	216	216	230
L	686	688	688	720	720	716	766	797
LS	767	781	781	813	813	810	860	909
LB	258	260	260	292	292	288	338	369
X	182	182	228	182	228	228/254	228/254	254
X9	-7	-1	-16	-1	-16	-18/-44	-18/-44	-23
Y	148	148	186	148	186	186	186	186

FT97..

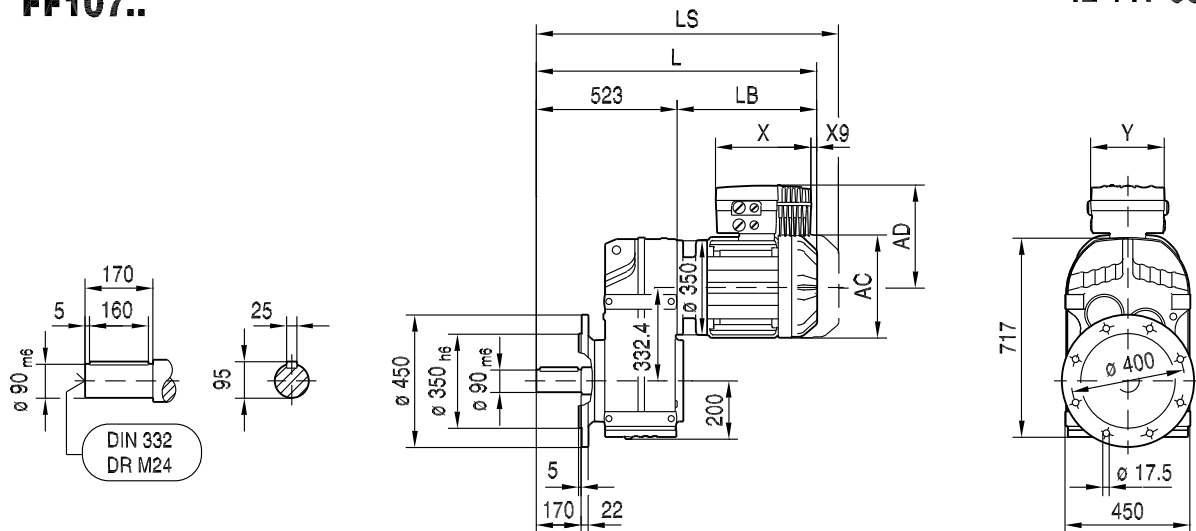
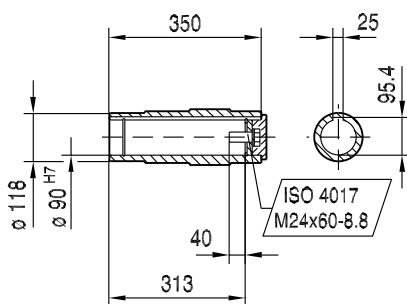
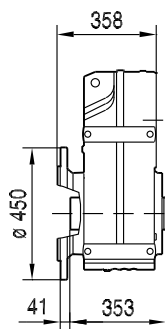
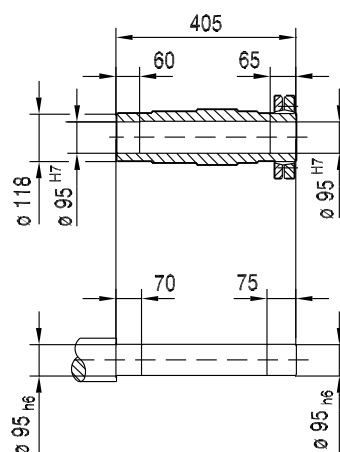
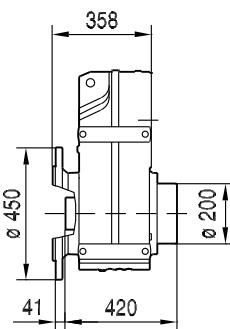
42 115 00 16



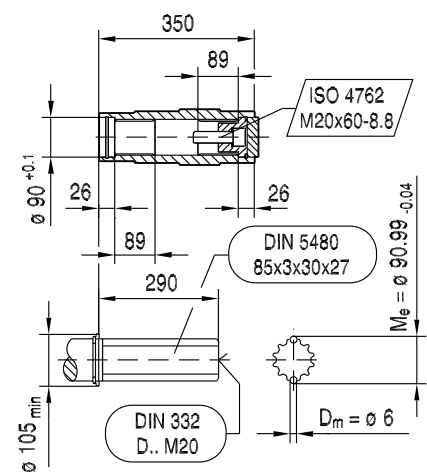
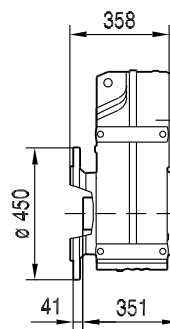
(→ 149)	DRN80M. MM..	DRN90S. MM11/15	DRN90S. MM22	DRN90L. MM15	DRN90L. MM22/30	DRN100LS. MM..	DRN100L. MM..	DRN112M. MM..
AC	156	179	179	179	179	197	197	221
AD	197	208	208	208	208	216	216	230
L	558	560	560	592	592	588	638	669
LS	639	653	653	685	685	682	732	781
LB	258	260	260	292	292	288	338	369
X	182	182	228	182	228	228/254	228/254	254
X9	-7	-1	-16	-1	-16	-18/-44	-18/-44	-23
Y	148	148	186	148	186	186	186	186

FF107..

42 117 00 16

**FAF107..****FHF107..**

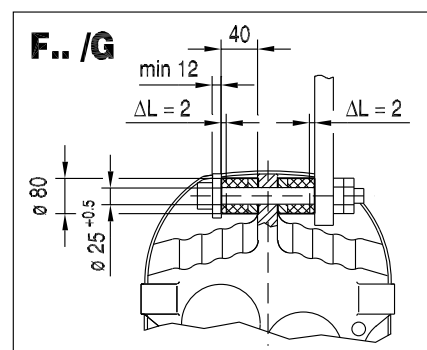
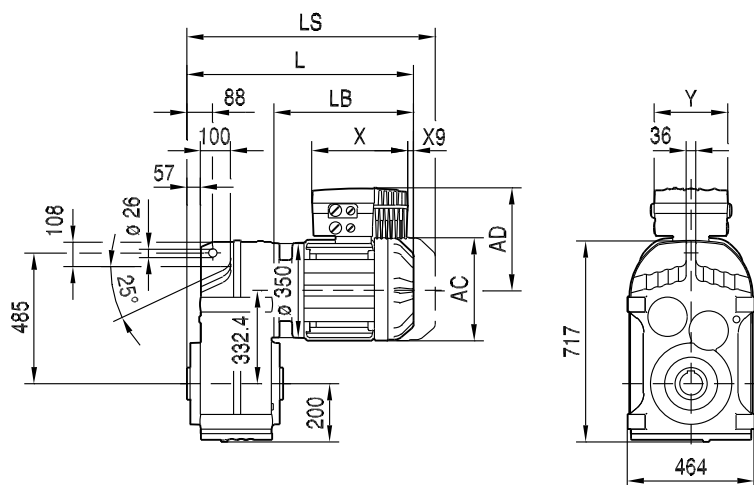
FVF107..



(→ 149)	DRN100LS. MM..	DRN100L. MM..	DRN112M. MM..					
AC	197	197	221					
AD	216	216	230					
L	805	855	886					
LS	899	949	998					
LB	282	332	363					
X	228/254	228/254	254					
X9	-18/-44	-18/-44	-23					
Y	186	186	186					

FA107..

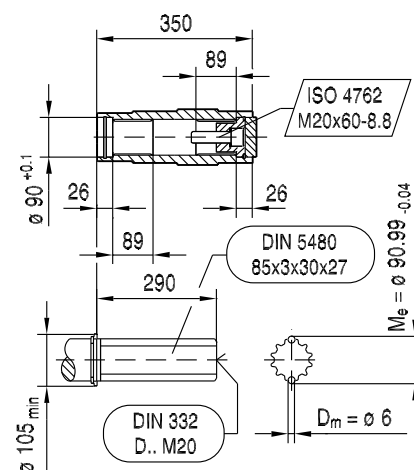
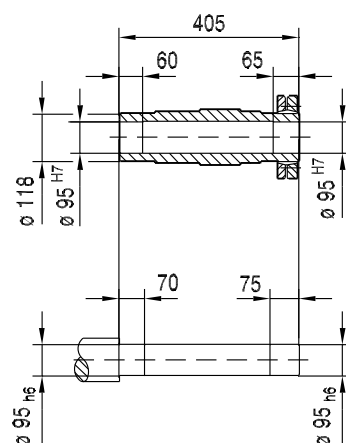
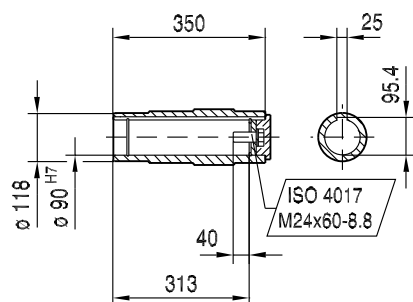
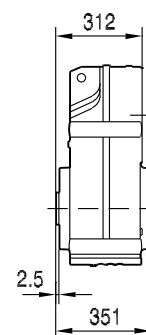
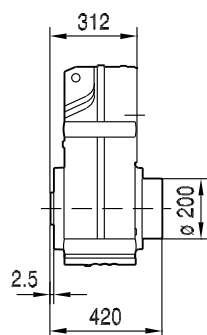
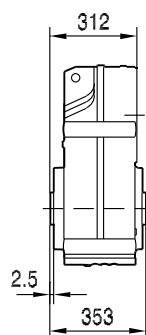
42 118 00 16



FA107..

FH107..

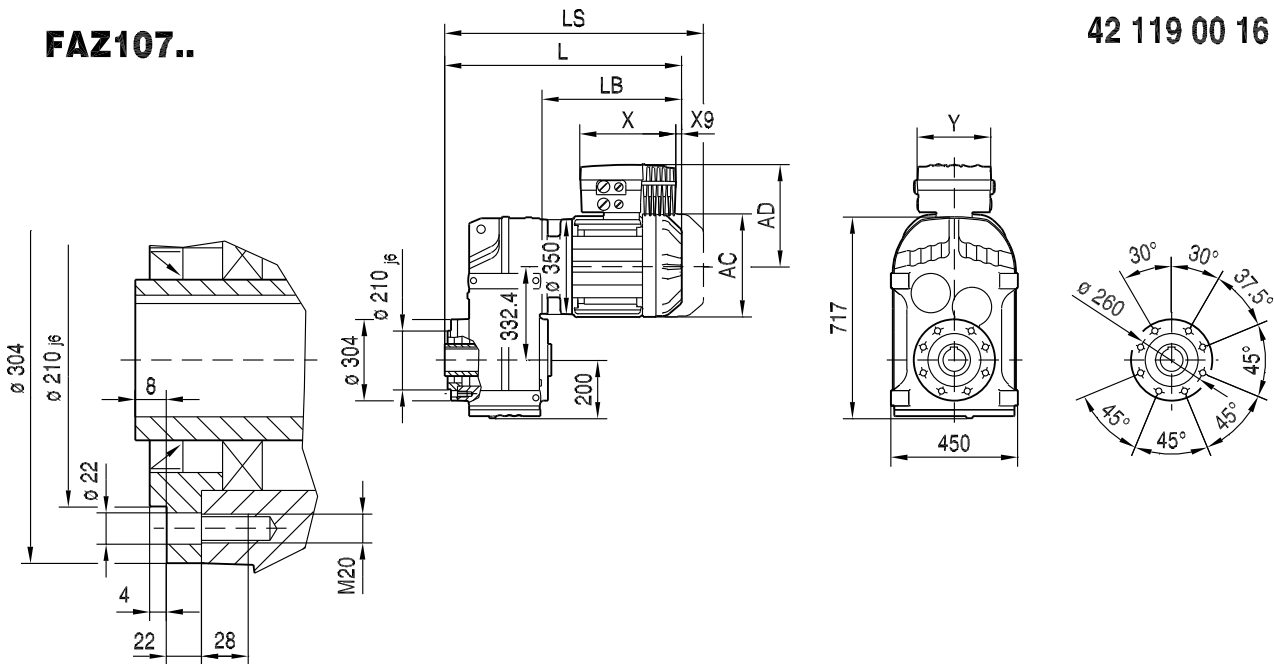
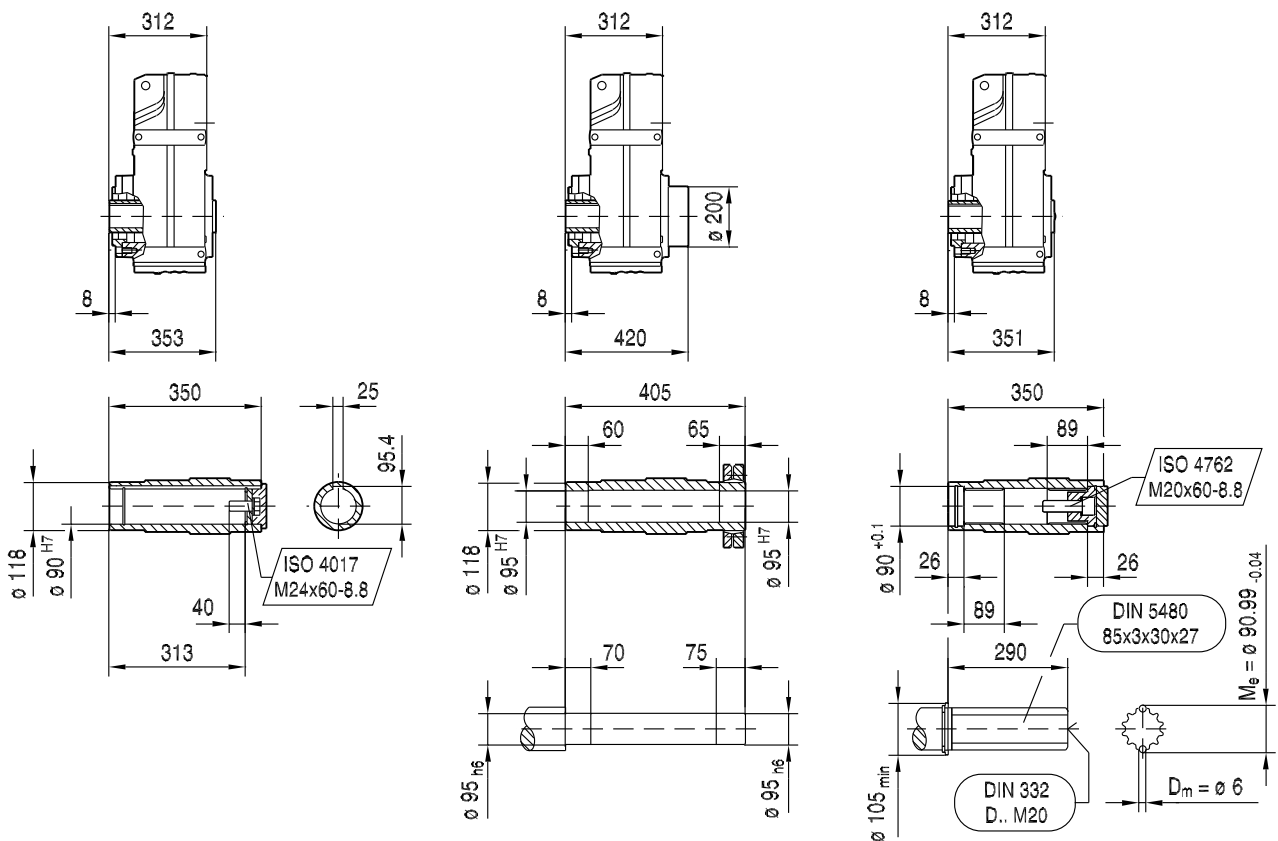
FV107..



(→ 149)	DRN100LS. MM..	DRN100L. MM..	DRN112M. MM..				
AC	197	197	221				
AD	216	216	230				
L	594	644	675				
LS	688	738	787				
LB	282	332	363				
X	228/254	228/254	254				
X9	-18/-44	-18/-44	-23				
Y	186	186	186				

FAZ107..

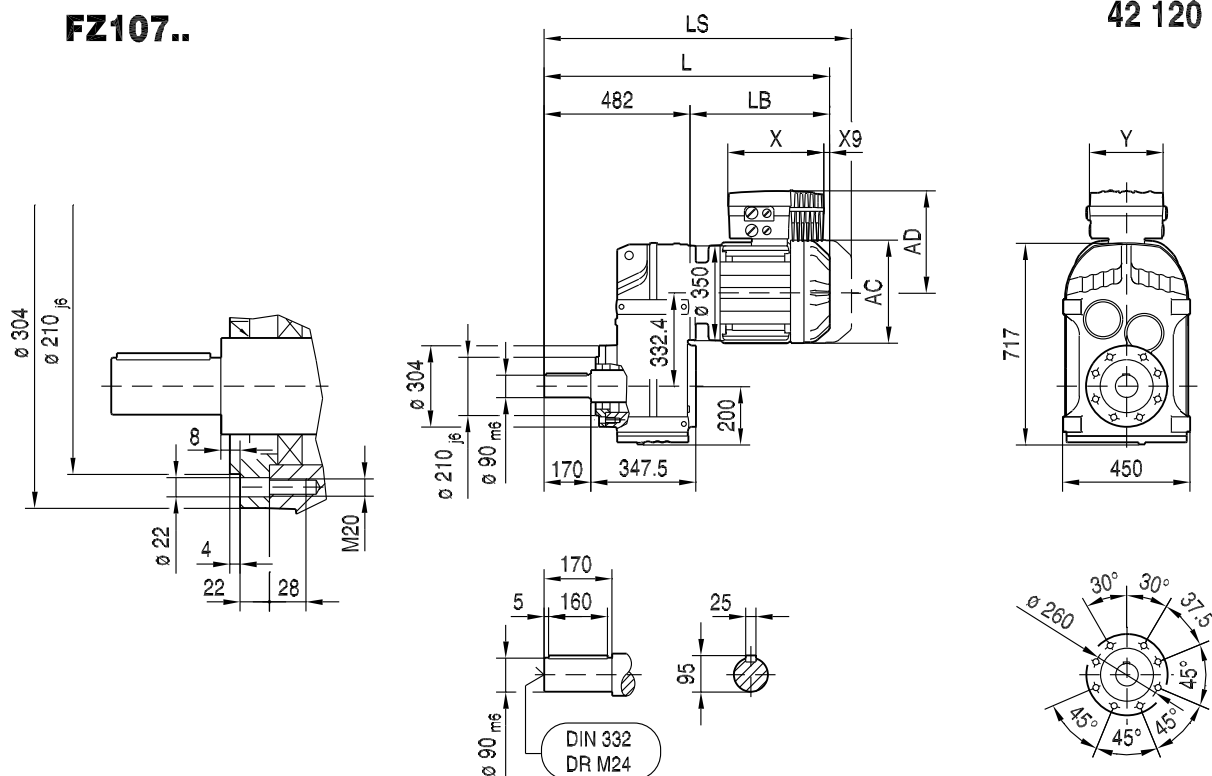
42 119 00 16

**FAZ107..****FHZ107..****FVZ107..**

(→ 149)	DRN100LS. MM..	DRN100L. MM..	DRN112M. MM..				
AC	197	197	221				
AD	216	216	230				
L	594	644	675				
LS	688	738	787				
LB	282	332	363				
X	228/254	228/254	254				
X9	-18/-44	-18/-44	-23				
Y	186	186	186				

FZ107..

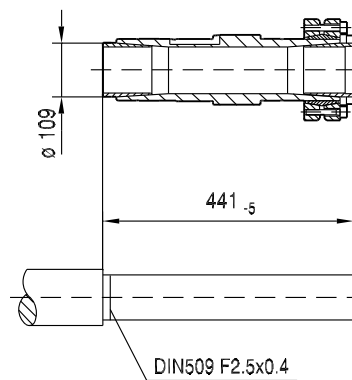
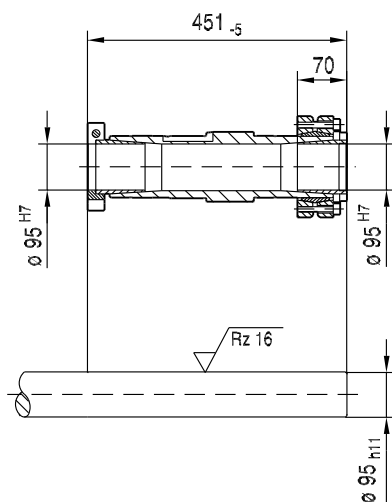
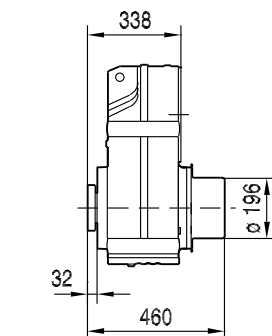
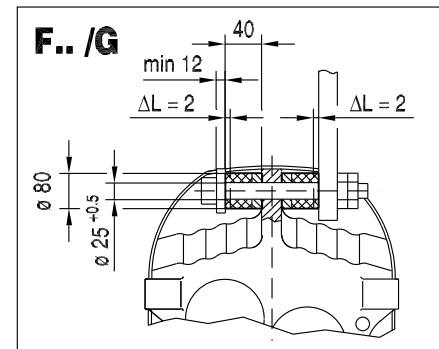
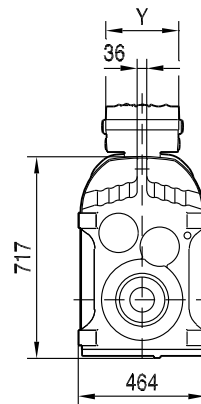
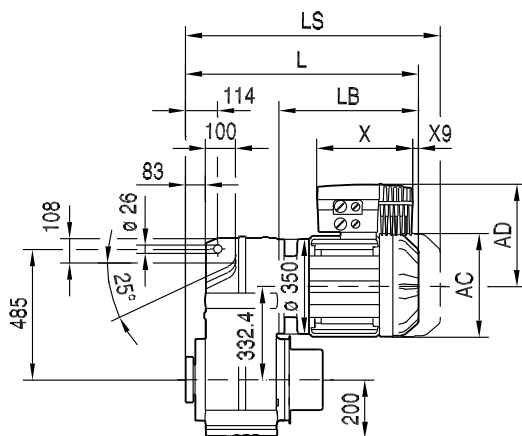
42 120 00 16



(→ 149)	DRN100LS. MM..	DRN100L. MM..	DRN112M. MM..					
AC	197	197	221					
AD	216	216	230					
L	764	814	845					
LS	858	908	957					
LB	282	332	363					
X	228/254	228/254	254					
X9	-18/-44	-18/-44	-23					
Y	186	186	186					

FT107..

42 121 00 16



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(→ 149)	DRN100LS. MM..	DRN100L. MM..	DRN112M. MM..				
AC	197	197	221				
AD	216	216	230				
L	620	670	701				
LS	714	764	813				
LB	282	332	363				
X	228/254	228/254	254				
X9	-18/-44	-18/-44	-23				
Y	186	186	186				