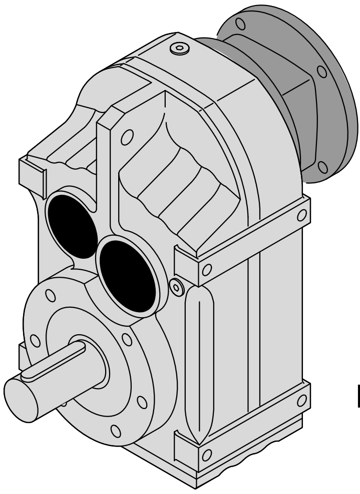
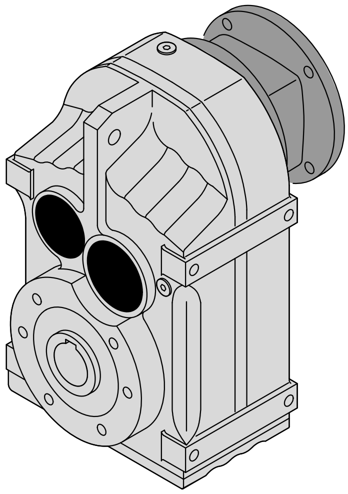
9 F..

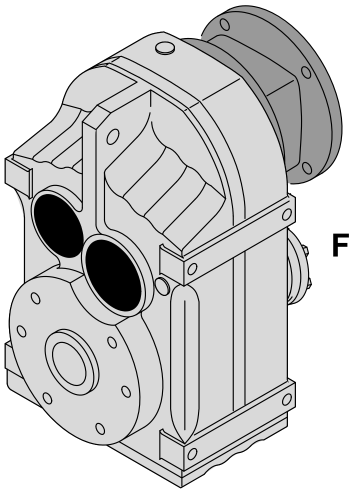
9.1 F.. AM.. [Nm]



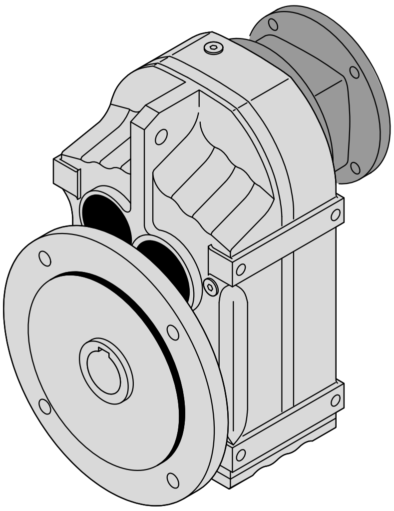
F.. AM..



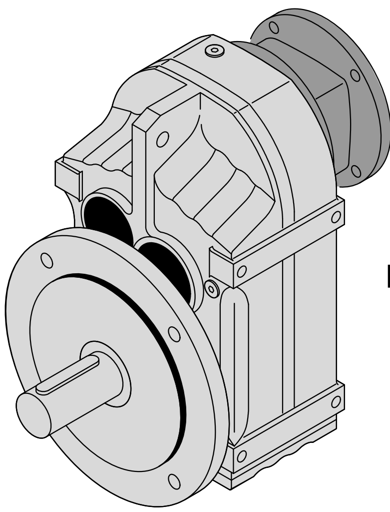
FA..B AM..
FV..B AM..



FH..B AM..

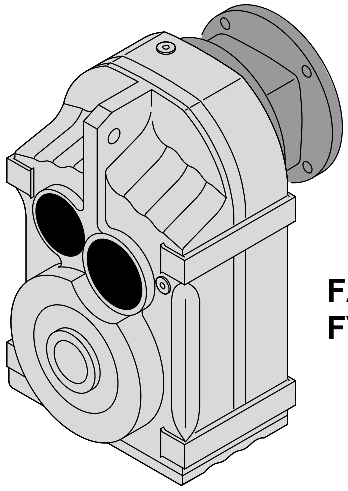


FAF.. AM..
FVF.. AM ..

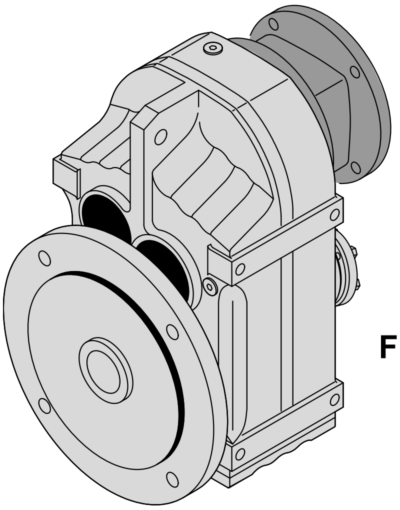


FF.. AM..

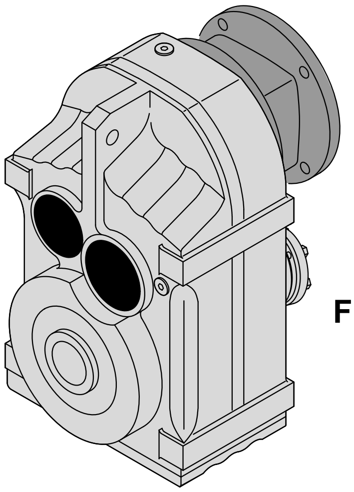
50397AXX



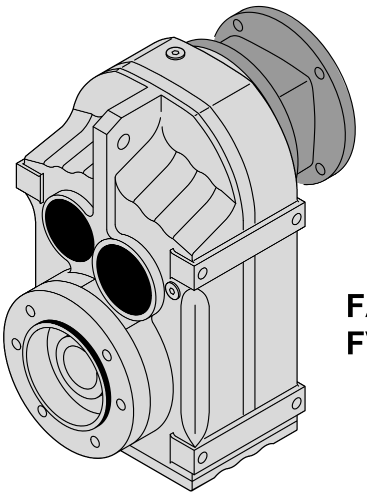
FA.. AM..
FV.. AM..



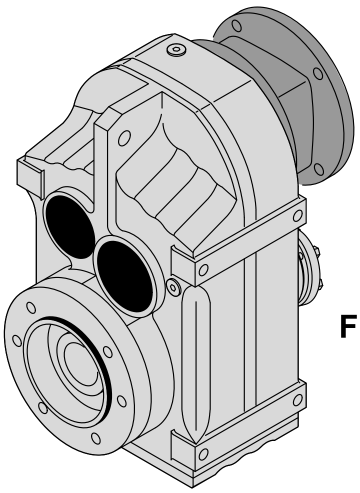
FHF .. AM..



FH.. AM..



FAZ.. AM..
FVZ.. AM..



FHZ.. AM..

50398AXX

9.1.1 FA27

n_e = 1400 1/min									130 Nm
	i	n_a [1/min]	$M_{a\,max}$ [Nm]	F_{Ra} [N]	φ (/R) [']	AM 63	71	80	90
FA27 2	**4.16**	337	87	1380	-				
	4.93	284	96	1420	-				
	5.27	266	100	1440	-				
	6.17	227	109	1480	-				
	6.91	203	114	1530	-				
	8.13	172	123	1580	-				
	9.40	149	130	1660	-				
	9.88	142	130	1830	-				
	10.55	133	130	1900	-				
	12.35	113	130	2060	-				
	13.84	101	130	2180	-				
	16.28	86	130	2370	-				
	18.84	74	130	2550	-				
	20.15	69	130	2630	-				
	23.25	60	130	2820	-				
	27.18	52	130	3030	-				
	29.56	47	130	3140	-				
FA27 3	**33.83**	41	130	3340	-				
	38.33	37	130	3530	-				
	40.89	34	130	3640	-				
	46.78	30	130	3860	-				
	50.19	28	130	3980	-				
	56.62	25	130	4180	-				
	63.86	22	130	4400	-				
	72.37	19	130	4500	-				
	77.21	18	130	4500	-				
	88.32	16	130	4500	-				
	94.76	15	130	4500	-				
	109.90	13	130	4500	-				
	129.09	11	130	4500	-				
	140.74	9.9	130	4500	-				

m [kg]		AM 63	71	80	90
IEC	**s**	**63**	**71**	**80**	**90**
FA27	2	7.9	8.1	10	11
FA27	3	8.1	8.4	11	11
NEMA		-	56	143	145
FA27	2	-	8.5	10	11
FA27	3	-	8.7	11	11
FAF: + 0.7 kg / F: + 0.5 kg / FF: + 1.3 kg					

9.1.2 FA37

n_e = 1400 1/min									200 Nm
	i	n_a [1/min]	$M_{a\,max}$ [Nm]	F_{Ra} [N]	φ (/R) [']	AM 63	AM 71	AM 80	AM 90
FA37 2	**3.77**	371	105	1970	12				
	4.22	332	110	2030	11				
	4.90	286	120	2100	11				
	5.21	269	125	2120	10				
	6.05	231	135	2190	10				
	6.74	208	140	2270	10				
	7.44	188	145	2350	10				
	8.01	175	170	2360	7				
	8.97	156	175	2460	7				
	10.42	134	185	2580	7				
	11.08	126	190	2620	7				
	12.87	109	200	2750	7				
	14.33	98	200	2910	6				
	15.81	89	200	3070	6				
	17.03	82	200	3180	6				
	19.27	73	200	3390	6				
	20.57	68	200	3500	6				
	23.63	59	200	3740	6				
FA37 3	**23.88**	59	200	3760	8				
	28.09	50	200	4060	8				
	31.69	44	200	4290	8				
	35.91	39	200	4290	8				
	38.31	37	200	4290	8				
	43.83	32	200	4290	8				
	47.02	30	200	4290	8				
	51.70	27	200	4290	7				
	54.54	26	200	4290	8				
	58.32	24	200	4290	7				
	66.09	21	200	4290	7				
	70.50	20	200	4290	7				
	80.65	17	200	4290	7				
	86.53	16	200	4290	7				
	100.36	14	200	4290	7				
	117.88	12	200	4290	7				
	128.51	11	200	4290	7				

m [kg]		AM 63	AM 71	AM 80	AM 90
IEC	**s**				
FA37	2	14	14	17	17
FA37	3	14	14	17	17
NEMA		-	56	143	145
FA37	2	-	15	17	17
FA37	3	-	15	17	17
FAF: + 1.5 kg / F: + 0.5 kg / FF: + 2.3 kg					

9.1.3 FA47

n_e = 1400 1/min									400 Nm
	i	n_a [1/min]	$M_{a\,max}$ [Nm]	F_{Ra} [N]	φ (/R) [']	AM 63	AM 71	AM 80	AM 90
FA47 2	4.99	281	320	2310	9				
	5.76	243	340	2390	9				
	6.34	221	350	2470	8				
	7.44	188	380	2530	8				
	7.88	178	380	2630	8				
	8.96	156	330	3250	8				
	10.97	128	400	3440	6				
	12.66	111	400	3740	6				
	13.93	101	400	3950	6				
	16.36	86	400	4320	6				
	17.33	81	400	4450	6				
	19.70	71	400	4770	6				
	21.82	64	400	5030	6				
	25.72	54	400	5460	6				
	29.32	48	400	5830	6				
	30.86	45	400	5920	6				
FA47 3	28.88	48	400	5790	7				
	34.29	41	400	5920	7				
	36.61	38	400	5920	7				
	42.86	33	400	5920	7				
	48.00	29	400	5920	7				
	56.49	25	400	5920	7				
	65.36	21	400	5920	7				
	68.09	21	400	5920	6				
	79.72	18	400	5920	6				
	89.29	16	400	5920	6				
	105.09	13	400	5920	6				
	121.57	12	400	5920	6				
	130.07	11	400	5920	6				
	150.06	9.3	400	5920	6				
	175.38	8.0	400	5920	6				
	190.76	7.3	400	5920	6				

m [kg]		AM 63	AM 71	AM 80	AM 90
IEC	s	63	71	80	90
FA47	2	18	19	21	21
FA47	3	19	19	22	22
NEMA		-	56	143	145
FA47	2	-	19	21	21
FA47	3	-	20	22	22
FAF: + 2.7 kg / F: + 0.8 kg / FF: + 3.9 kg					

9.1.4 FA57

n_e = 1400 1/min												600 Nm
	i	n_a [1/min]	$M_{a\,max}$ [Nm]	F_{Ra} [N]	φ (/R) [']	AM 63	71	80	90	100	112	132S/M
FA57 2	**5.18**	270	415	3460	9							
	5.98	234	420	3730	9							
	6.58	213	420	3940	8							
	7.73	181	420	4310	8							
	8.19	171	420	4450	8							
	9.31	150	420	4760	8							
	10.64	132	600	4320	6							
	12.29	114	600	4710	6							
	13.52	104	600	4980	6							
	15.88	88	600	5450	6							
	16.81	83	600	5620	6							
	19.11	73	600	6020	6							
	21.17	66	600	6350	6							
	24.96	56	575	7060	6							
	28.45	49	535	7760	6							
	29.94	47	545	7890	6							
	34.24	41	500	8670	6							
	40.13	35	290	10500	6							
FA57 3	**30.15**	46	590	7650	7							
	35.79	39	600	8250	7							
	38.21	37	600	8510	7							
	44.73	31	600	9160	7							
	50.10	28	600	9200	7							
	58.97	24	600	9200	7							
	68.22	21	600	9200	6							
	72.98	19	600	9200	6							
	83.46	17	600	9200	6							
	93.47	15	600	9200	6							
	110.01	13	600	9200	6							
	127.27	11	600	9200	6							
	136.16	10	600	9200	6							
	157.09	8.9	600	9200	6							
	183.60	7.6	600	9200	6							
	199.70	7.0	600	9200	6							

m [kg]		AM 63	71	80	90	100	112	132S/M
IEC	s	63	71	80	90	100	112	132S/M
FA57	2	26	26	29	29	33	33	40
FA57	3	27	27	29	29	34	34	41
NEMA		-	56	143	145	182	184	213/215
FA57	2	-	27	29	29	32	32	38
FA57	3	-	27	29	29	33	33	39
FAF: + 5.5 kg / F: + 0.2 kg / FF: + 6.6 kg								

9.1.5 FA67

n_e = 1400 1/min												820 Nm
	i	n_a [1/min]	$M_{a\,max}$ [Nm]	F_{Ra} [N]	φ (/R) [']	AM 63	71	80	90	100	112	132S/M
FA67 2	**3.97**	353	500	8390	10							
	4.66	300	560	8590	9							
	5.25	267	590	8850	9							
	5.95	235	610	9200	9							
	6.78	206	620	9660	9							
	7.53	186	610	10100	8							
	8.60	163	570	10900	8							
	9.08	154	530	11400	8							
	9.66	145	820	10300	6							
	11.31	124	820	10300	6							
	12.76	110	820	10300	6							
	14.46	97	820	10300	6							
	16.48	85	820	10300	6							
	18.29	77	820	10300	6							
	20.90	67	820	10300	5							
	22.05	63	820	10300	5							
	25.13	56	820	10300	5							
	27.41	51	820	10300	5							
	32.08	44	820	10300	5							
	36.30	39	820	10300	5							
FA67 3	**34.01**	41	740	11000	6							
	39.26	36	780	10700	6							
	43.20	32	820	10300	6							
	50.74	28	820	10300	6							
	53.73	26	820	10300	6							
	61.07	23	820	10300	6							
	67.65	21	820	10300	6							
	79.76	18	820	10300	6							
	90.59	15	820	10300	6							
	95.94	15	820	10300	6							
	109.04	13	820	10300	6							
	120.79	12	820	10300	6							
	142.40	9.8	820	10300	6							
	162.31	8.6	820	10300	6							
	170.85	8.2	820	10300	6							
	195.39	7.2	820	10300	6							
	228.99	6.1	820	10300	6							

m [kg]		AM						
IEC	s	63	71	80	90	100	112	132S/M
FA67	2	30	30	32	32	37	37	44
FA67	3	31	31	33	33	38	38	45
NEMA		-	56	143	145	182	184	213/215
FA67	2	-	30	32	32	36	36	41
FA67	3	-	31	33	33	37	37	43
FAF: + 6.3 kg / F: + 2.8 kg / FF: + 8.9 kg								

9.1.6 FA77

n_e = 1400 1/min													1500 Nm
	i	n_a [1/min]	$M_{a\,max}$ [Nm]	F_{Ra} [N]	φ (/R) [']	AM 63	71	80	90	100	112	132S/M	132ML
FA77 2	**4.28**	327	1010	10200	8								
	5.16	271	1080	10700	8								
	5.76	243	1080	11300	8								
	6.64	211	1080	12000	8								
	7.39	189	1080	12500	7								
	8.26	169	1080	13100	7								
	9.30	151	1080	13800	7								
	10.93	128	1500	14200	6								
	12.20	115	1500	14900	5								
	14.06	100	1500	15700	5								
	15.64	90	1500	15700	5								
	17.49	80	1500	15700	5								
	19.70	71	1500	15700	5								
	21.43	65	1500	15700	5								
	25.50	55	1500	15700	5								
	28.75	49	1430	16200	5								
	31.51	44	1380	16500	5								
	36.58	38	1110	17900	5								
FA77 3	**25.54**	55	1450	16100	6								
	29.91	47	1500	15700	6								
	33.74	41	1500	15700	6								
	38.23	37	1500	15700	6								
	43.58	32	1500	15700	6								
	48.37	29	1500	15700	6								
	55.27	25	1500	15700	6								
	58.32	24	1500	15700	6								
	66.46	21	1500	15700	6								
	72.50	19	1500	15700	6								
	75.02	19	1500	15700	6								
	85.52	16	1500	15700	6								
	94.93	15	1500	15700	5								
	108.46	13	1500	15700	5								
	114.45	12	1500	15700	5								
	130.42	11	1500	15700	5								
	142.27	9.8	1500	15700	5								
	166.47	8.4	1500	15700	5								
	188.40	7.4	1500	15700	5								
	198.31	7.1	1500	15700	5								
	225.79	6.2	1500	15700	5								
	262.93	5.3	1500	15700	5								
	281.71	5.0	1500	15700	5								

m [kg]		AM							
IEC	s	63	71	80	90	100	112	132S/M	132ML
FA77	2	52	52	55	55	59	59	66	66
FA77	3	53	54	56	56	60	60	67	68
NEMA		-	56	143	145	182	184	213/215	-
FA77	2	-	53	55	55	58	58	64	-
FA77	3	-	54	56	56	59	59	65	-
FAF: + 6.6 kg / F: + 3.8 kg / FF: + 14.4 kg									

9.1.7 FA87

n_e = 1400 1/min						AM							3000 Nm
	i	n_a [1/min]	$M_{a\,max}$ [Nm]	F_{Ra} [N]	φ (/R) [']	80	90	100	112	132S/M	132ML	160	180
FA87 2	**4.12**	340	1460	5980	7								
	4.92	285	1530	6430	7								
	5.63	249	1530	7020	7								
	6.65	211	1530	7790	7								
	7.35	190	1530	8280	7								
	8.29	169	1530	8890	7								
	9.58	146	2880	5050	7								
	11.46	122	3000	5580	7								
	13.12	107	3000	6370	7								
	15.48	90	3000	7390	7								
	17.12	82	3000	8040	7								
	19.31	73	3000	8840	7								
	21.32	66	3000	9520	7								
	23.68	59	3000	10300	7								
	26.50	53	3000	11100	7								
	28.78	49	2450	13900	7								
	33.92	41	2610	14600	7								
FA87 3	**29.20**	48	2510	13800	8								
	35.19	40	2610	14900	8								
	39.30	36	2720	15400	8								
	45.28	31	2820	16200	8								
	50.36	28	2940	16800	7								
	56.75	25	3000	17700	7								
	68.40	20	3000	19600	7								
	76.39	18	3000	19800	7								
	88.01	16	3000	19800	7								
	97.89	14	3000	19800	7								
	109.49	13	3000	19800	7								
	123.29	11	3000	19800	7								
	134.16	10	3000	19800	7								
	159.61	8.8	3000	19800	7								
	179.97	7.8	3000	19800	7								
	197.20	7.1	3000	19800	7								
	228.93	6.1	3000	19800	7								
	255.37	5.5	3000	19800	7								
	270.68	5.2	3000	19800	7								

m [kg]		AM							
IEC	s	80	90	100	112	132S/M	132ML	160	180
FA87	2	92	92	97	97	105	105	120	120
FA87	3	95	95	100	100	105	105	125	125
NEMA		143	145	182	184	213/215	-	254/256	284/286
FA87	2	92	92	96	96	100	-	115	120
FA87	3	95	95	99	99	105	-	120	120
FAF: + 12.7 kg / F: + 5.7 kg / FF: + 21.3 kg									

9.1.8 FA97

n_e = 1400 1/min													4300 Nm
	i	n_a [1/min]	$M_{a\,max}$ [Nm]	F_{Ra} [N]	φ (/R) [']	AM							
						100	112	132S/M	132ML	160	180	200	225
FA97 2	**3.87**	362	1800	9960	9								
	4.57	306	2050	9950	9								
	5.23	268	2150	10400	9								
	6.17	227	2250	11100	9								
	7.07	198	2360	11500	9								
	8.22	170	2360	12600	8								
	9.06	155	2360	13400	9								
	11.16	125	4100	10000	6								
	12.77	110	4300	10500	6								
	15.06	93	4300	11900	6								
	17.25	81	4300	13200	6								
	20.07	70	4300	14600	6								
	22.11	63	4300	15600	6								
	24.92	56	4300	16800	6								
	27.44	51	4300	17900	6								
	30.39	46	4300	19000	6								
	33.91	41	4300	20300	6								
	36.64	38	3070	25500	6								
	43.28	32	3070	27600	6								
FA97 3	**32.50**	43	4300	19800	6								
	38.86	36	4300	21900	6								
	44.49	31	4300	23600	6								
	52.49	27	4300	25800	6								
	58.06	24	4300	27200	6								
	65.47	21	4300	29000	6								
	72.29	19	4300	29900	6								
	75.63	19	4300	29900	6								
	80.31	17	4300	29900	6								
	86.59	16	4300	29900	6								
	89.85	16	4300	29900	6								
	97.58	14	4300	29900	6								
	102.16	14	4300	29900	6								
	112.99	12	4300	29900	6								
	127.42	11	4300	29900	6								
	140.71	9.9	4300	29900	6								
	156.30	9.0	4300	29900	6								
	174.87	8.0	4300	29900	6								
	189.92	7.4	4300	29900	6								
	223.88	6.3	4300	29900	6								
	253.41	5.5	4300	29900	6								
	276.77	5.1	4300	29900	6								

m [kg]		AM							
IEC	s	100	112	132S/M	132ML	160	180	200	225
FA97	2	160	160	165	165	185	185	200	205
FA97	3	165	165	170	170	190	190	205	210
NEMA		182	184	213/215	-	254/256	284/286	324/326	364/365
FA97	2	160	160	165	-	180	180	195	195
FA97	3	165	165	170	-	185	185	205	205
FAF: + 21.7 kg / F: + 7.5 kg / FF: + 40.3 kg									

9.1.9 FA107

n_e = 1400 1/min													7840 Nm
	i	n_a [1/min]	$M_{a\,max}$ [Nm]	F_{Ra} [N]	φ (/R) [']	AM 100	112	132S/M	132ML	160	180	200	225
FA107 2	**5.03**	278	4600	16400	7								
	6.22	225	4600	19000	7								
	7.40	189	4600	21300	7								
	8.37	167	4800	22000	7								
	9.69	144	4910	23500	7								
	9.96	141	6500	21500	5								
	12.33	114	7000	22600	5								
	14.67	95	7680	22400	5								
	16.58	84	7840	23900	5								
	19.20	73	7840	26500	5								
	21.76	64	7840	28800	5								
	25.14	56	7840	31500	5								
	27.57	51	7840	33300	5								
	33.79	41	7400	38300	5								
FA107 3	**31.80**	44	7680	36500	6								
	37.61	37	7680	39500	6								
	43.03	33	7680	42000	6								
	50.73	28	7680	45100	6								
	58.12	24	7680	47800	6								
	67.62	21	7680	49800	6								
	74.52	19	7680	49800	6								
	83.99	17	7680	49800	6								
	88.49	16	7680	49800	5								
	92.47	15	7680	49800	6								
	101.38	14	7680	49800	5								
	117.94	12	7680	49800	5								
	129.97	11	7680	49800	5								
	146.49	9.6	7680	49800	5								
	161.28	8.7	7680	49800	5								
	178.64	7.8	7680	49800	5								
	199.31	7.0	7680	49800	5								
	215.37	6.5	7680	49800	5								
	254.40	5.5	7680	49800	5								

m [kg]		AM							
IEC	s	100	112	132S/M	132ML	160	180	200	225
FA107	2	230	230	235	235	255	255	270	275
FA107	3	240	240	245	245	260	265	280	285
NEMA		182	184	213/215	-	254/256	284/286	324/326	364/365
FA107	2	230	230	230	-	250	250	265	265
FA107	3	240	240	240	-	255	260	275	275
FAF: + 21.0 kg / F: + 16.6 kg / FF: + 43.9 kg									

9.1.10 FA127

n_e = 1400 1/min													12000 Nm
	i	n_a [1/min]	$M_{a\,max}$ [Nm]	F_{Ra} [N]	φ (/R) [']	AM							
						132S/M	132ML	160	180	200	225	250	280
FA127 2	**4.68**	299	6000	29500	7								
	5.52	254	6000	31700	7								
	6.80	206	7000	32200	7								
	7.88	178	6000	37000	6								
	8.86	158	7000	36400	6								
	10.19	137	9500	30900	5								
	12.54	112	10000	33300	5								
	14.55	96	11000	32600	5								
	16.36	86	11000	35400	5								
	18.87	74	11000	38800	5								
	21.38	65	12000	38000	5								
	24.57	57	8500	53300	5								
	26.86	52	8500	55300	5								
FA127 3	**25.30**	55	12000	42400	5								
	31.33	45	12000	48300	5								
	37.28	38	12000	53200	5								
	42.15	33	12000	56800	5								
	48.80	29	12000	61300	5								
	55.31	25	12000	65200	5								
	63.91	22	12000	69400	5								
	70.07	20	12000	72100	5								
	75.41	19	12000	74300	5								
	87.31	16	12000	79000	5								
	98.95	14	12000	83000	5								
	114.34	12	12000	88000	5								
	125.37	11	12000	90000	5								
	153.67	9.1	12000	90000	5								
	170.83	8.2	12000	90000	5								

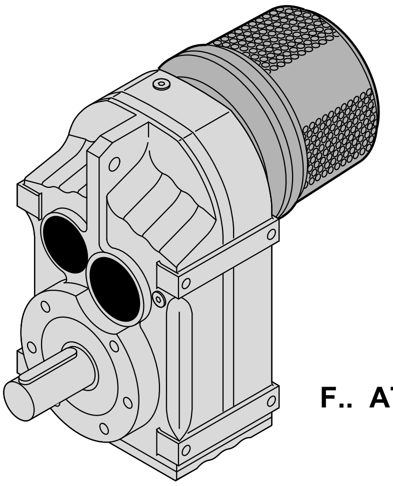
m [kg]		AM							
IEC	**s**	**132S/M**	**132ML**	**160**	**180**	**200**	**225**	**250**	**280**
FA127	2	385	385	400	400	410	415	450	450
FA127	3	395	395	410	410	425	430	460	460
NEMA		213/215	-	254/256	284/286	324/326	364/365	-	-
FA127	2	380	-	395	395	410	410	-	-
FA127	3	395	-	405	405	420	420	-	-
FAF: + 37.4 kg / F: + 36.5 kg / FF: + 81.1 kg									

9.1.11 FA157

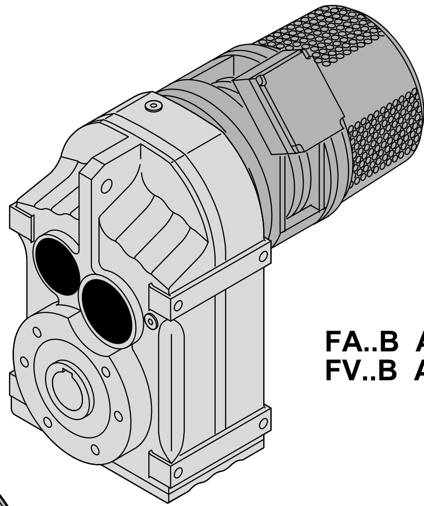
n_e = 1400 1/min											18000 Nm
	i	n_a [1/min]	$M_{a\,max}$ [Nm]	F_{Ra} [N]	φ (/R) [']	AM 160	180	200	225	250	280
FA157 2	**11.92**	117	16000	40900	5						
	13.96	100	17000	42500	5						
	16.85	83	18000	44900	5						
	19.77	71	17000	50900	4						
	22.16	63	18000	51800	4						
	25.43	55	15000	61500	4						
	28.60	49	17000	60800	4						
	35.75	39	11000	79300	4						
	43.94	32	10000	87800	4						
	53.55	26	8000	98400	4						
FA157 3	**27.60**	51	18000	57800	5						
	32.55	43	18000	62500	5						
	40.06	35	18000	68900	5						
	46.48	30	18000	73600	5						
	52.24	27	18000	77500	5						
	60.25	23	18000	82500	5						
	68.28	21	18000	87000	5						
	78.46	18	18000	92300	5						
	85.80	16	18000	95800	5						
	96.53	15	18000	100300	5						
	108.49	13	18000	100300	5						
	125.14	11	18000	100300	5						
	141.80	9.9	18000	100300	5						
	162.96	8.6	18000	100300	5						
	178.20	7.9	18000	100300	5						
	217.62	6.4	18000	100300	5						
	267.43	5.2	18000	100300	5						

m [kg]		AM 160	180	200	225	250	280
IEC	**s**	**160**	**180**	**200**	**225**	**250**	**280**
FA157	2	660	660	680	680	710	710
FA157	3	670	670	690	690	720	720
NEMA		254/256	284/286	324/326	364/365	-	-
FA157	2	660	660	680	680	-	-
FA157	3	660	660	680	680	-	-
FAF: + 58.6 kg / F: + 20.6 kg / FF: + 127.5 kg							

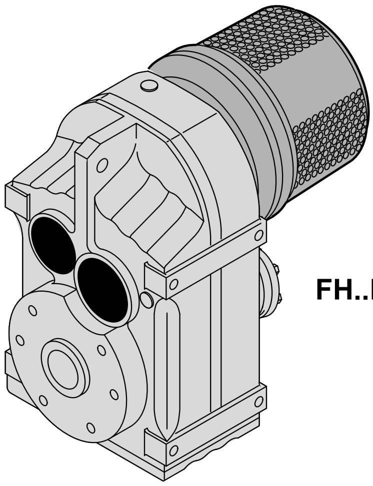
9.2 F.. AT..



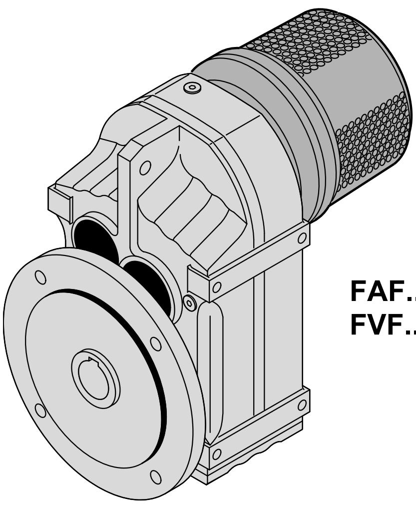
F.. AT..



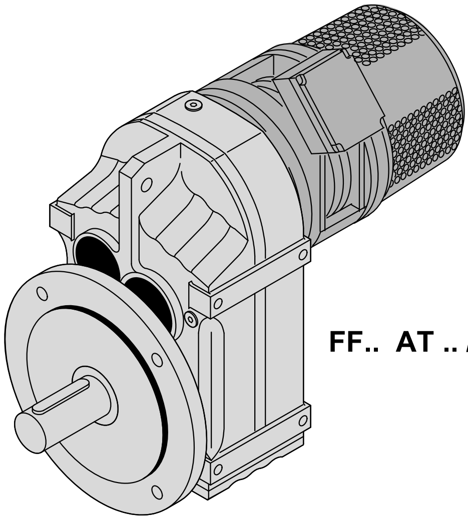
FA..B AT.. /BM(G)
FV..B AT.. /BM(G)



FH..B AT..

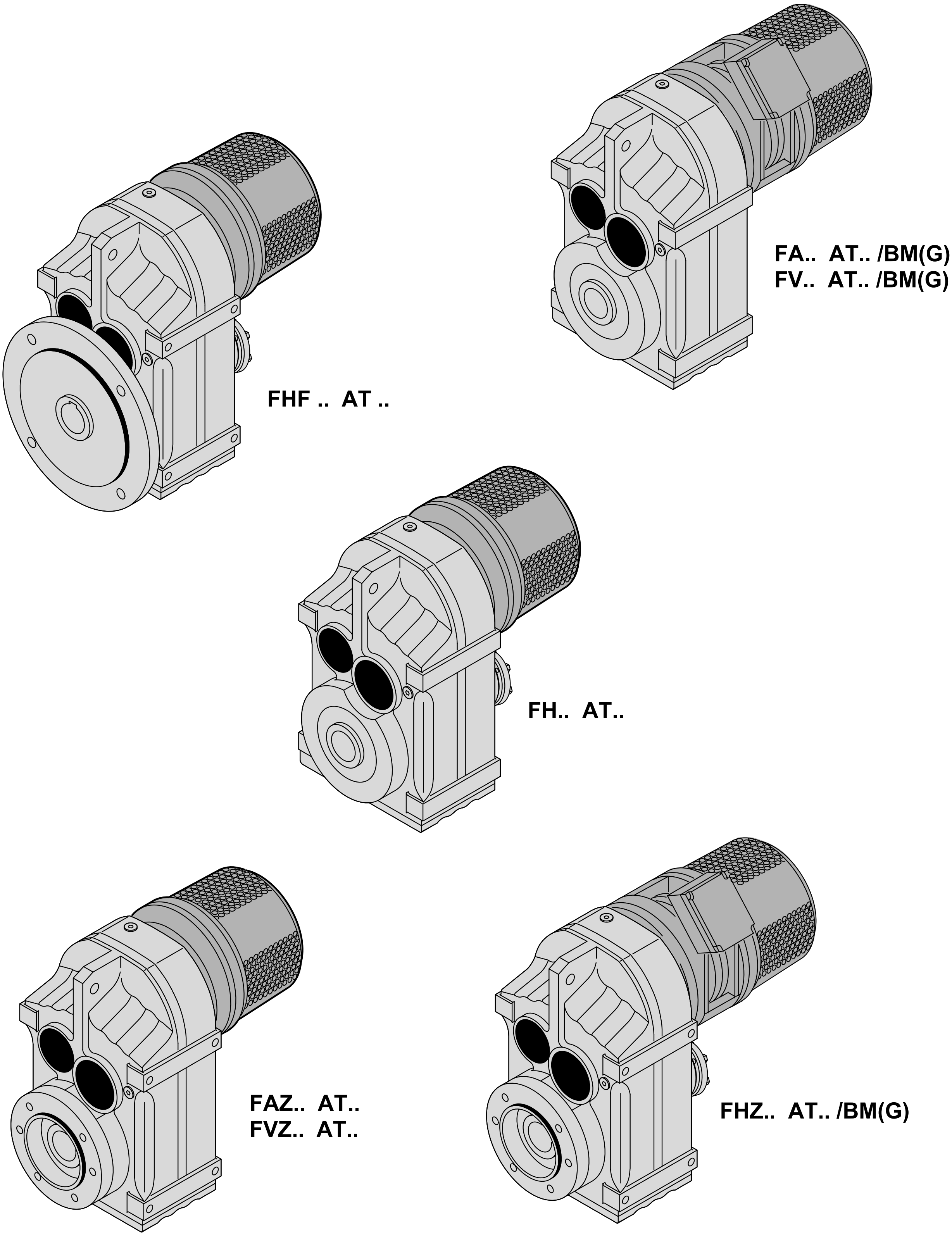


FAF.. AT..
FVF.. AT ..



FF.. AT .. /BM(G)

50403AXX



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9.2.1 F..AT/ DRS..4

		P_m [kW]				Sn [%]	
F67	DRS71S4	0,37	AT311	T11	0,42	12	
	DRS71M4	0,55	AT312	T11D	0,55	11	
	DRS80S4	0,75	AT312	T11D	0,7	11	
	DRS80M4	1,1	AT312	T11D	0,72	15	
	DRS90M4	1,5	AT321	T21	0,85	9	
	DRS90L4	2,2	AT321	T21	0,9	13	
	DRS100M4	3	AT322	T21D	1,53	11	
	DRS100LC4	4	AT322	T21D	1,6	12	
F77	DRS71S4	0,37	AT311	T11	0,42	12	
	DRS71M4	0,55	AT312	T11D	0,55	11	
	DRS80S4	0,75	AT312	T11D	0,7	11	
	DRS80M4	1,1	AT312	T11D	0,72	15	
	DRS90M4	1,5	AT421	T21	0,85	9	
	DRS90L4	2,2	AT421	T21	0,9	13	
	DRS100M4	3	AT422	T21D	1,53	11	→ 312ff
	DRS100LC4	4	AT422	T21D	1,6	12	→ 315ff
	DRS112M4	4	AT422	T21D	1,6	12	
F87	DRS80M4	1,1	AT312	T11D	0,72	15	
	DRS90M4	1,5	AT421	T21	0,85	9	
	DRS90L4	2,2	AT421	T21	0,9	13	
	DRS100M4	3	AT422	T21D	1,53	11	
	DRS100LC4	4	AT422	T21D	1,6	12	
	DRS112M4	4	AT422	T21D	1,6	12	
	DRS132S4	5,5	AT541	T41	2	6	
	DRS132M4	7,5	AT541	T41	2,4	8	
	DRS132MC4	9,2	AT541	T41	2,5	10	
	DRS160S4	9,2	AT541	T41	2,5	10	
	DRS160M4	11	AT541	T41	2,5	13	
	DRS160MC4	15	AT542	T41D	4,2	8	
	DRS180S4	15	AT542	T41D	4,2	8	

		P_m [kW]				Sn [%]	
F97	DRS80M4	1,1	AT312	T11D	0,72	15	
	DRS90M4	1,5	AT421	T21	0,85	9	
	DRS90L4	2,2	AT421	T21	0,9	13	
	DRS100M4	3	AT422	T21D	1,53	11	
	DRS100LC4	4	AT422	T21D	1,6	12	
	DRS112M4	4	AT422	T21D	1,6	12	
	DRS132S4	5,5	AT541	T41	2	6	
	DRS132M4	7,5	AT541	T41	2,4	8	
	DRS132MC4	9,2	AT541	T41	2,5	10	
	DRS160S4	9,2	AT541	T41	2,5	10	
	DRS160M4	11	AT541	T41	2,5	13	
	DRS160MC4	15	AT542	T41D	4,2	8	
	DRS180S4	15	AT542	T41D	4,2	8	
	DRS180M4	18,5	AT542	T41D	4,3	10	
	DRS180L4	22	AT542	T41D	4,3	14	
F107	DRS90L4	2,2	AT421	T21	0,9	13	
	DRS100M4	3	AT422	T21D	1,53	11	
	DRS100LC4	4	AT422	T21D	1,6	12	
	DRS112M4	4	AT422	T21D	1,6	12	
	DRS132S4	5,5	AT541	T41	2	6	
	DRS132M4	7,5	AT541	T41	2,4	8	→ 312ff
	DRS132MC4	9,2	AT541	T41	2,5	10	→ 315ff
	DRS160S4	9,2	AT541	T41	2,5	10	
	DRS160M4	11	AT541	T41	2,5	13	
	DRS160MC4	15	AT542	T41D	4,2	8	
	DRS180S4	15	AT542	T41D	4,2	8	
	DRS180M4	18,5	AT542	T41D	4,3	10	
	DRS180L4	22	AT542	T41D	4,3	14	
F127	DRS132M4	7,5	AT541	T41	2,4	8	
	DRS132MC4	9,2	AT541	T41	2,5	10	
	DRS160S4	9,2	AT541	T41	2,5	10	
	DRS160M4	11	AT541	T41	2,5	13	
	DRS160MC4	15	AT542	T41D	4,2	8	
	DRS180S4	15	AT542	T41D	4,2	8	
	DRS180M4	18,5	AT542	T41D	4,3	10	
	DRS180L4	22	AT542	T41D	4,3	14	
F157	DRS160M4	11	AT541	T41	2,5	13	
	DRS160MC4	15	AT542	T41D	4,2	8	
	DRS180S4	15	AT542	T41D	4,2	8	
	DRS180M4	18,5	AT542	T41D	4,3	10	
	DRS180L	22	AT542	T41D	4,3	14	

9.2.2 F..AT/ DRE..4

		P_m [kW]				Sn [%]	
F67	DRE80M4	0,75	AT312	T11D	0,7	11	
	DRE90M4	1,1	AT312	T11D	0,72	15	
	DRE90L4	1,5	AT321	T21	0,85	9	
	DRE100M4	2,2	AT321	T21	0,9	13	
	DRE100LC4	3	AT322	T21D	1,53	11	
F77	DRE80M4	0,75	AT312	T11D	0,7	11	
	DRE90M4	1,1	AT312	T11D	0,72	15	
	DRE90L4	1,5	AT421	T21	0,85	9	
	DRE100M4	2,2	AT421	T21	0,9	13	
	DRE100LC4	3	AT422	T21D	1,53	11	
	DRE112M4	3	AT422	T21D	1,53	11	
	DRE132S4	4	AT422	T21D	1,6	12	
F87	DRE90M4	1,1	AT312	T11D	0,72	15	
	DRE90L4	1,5	AT421	T21	0,85	9	
	DRE100M4	2,2	AT421	T21	0,9	13	
	DRE100LC4	3	AT422	T21D	1,53	11	
	DRE112M4	3	AT422	T21D	1,53	11	
	DRE132S4	4	AT422	T21D	1,6	12	→ 312ff
	DRE132M4	5,5	AT541	T41	2	6	
	DRE132MC4	7,5	AT541	T41	2,4	8	→ 315ff
	DRE160M4	9,2	AT541	T41	2,5	10	
	DRE160MC4	11	AT541	T41	2,5	13	
	DRE180S4	11	AT541	T41	2,5	13	
	DRE180M4	15	AT542	T41D	4,2	8	
F97	DRE90M4	1,1	AT312	T11D	0,72	15	
	DRE90L4	1,5	AT421	T21	0,85	9	
	DRE100M4	2,2	AT421	T21	0,9	13	
	DRE100LC4	3	AT422	T21D	1,53	11	
	DRE112M4	3	AT422	T21D	1,53	11	
	DRE132S4	4	AT422	T21D	1,6	12	
	DRE132M4	5,5	AT541	T41	2	6	
	DRE132MC4	7,5	AT541	T41	2,4	8	
	DRE160M4	9,2	AT541	T41	2,5	10	
	DRE160MC4	11	AT541	T41	2,5	13	
	DRE180S4	11	AT541	T41	2,5	13	
	DRE180M4	15	AT542	T41D	4,2	8	
	DRE180L4	18,5	AT542	T41D	4,3	10	

		P_m [kW]				Sn [%]	
F107	DRE100M4	2,2	AT421	T21	0,9	13	→312ff →315ff
	DRE100LC4	3	AT422	T21D	1,53	11	
	DRE112M4	3	AT422	T21D	1,53	11	
	DRE132S4	4	AT422	T21D	1,6	12	
	DRE132M4	5,5	AT541	T41	2	6	
	DRE132MC4	7,5	AT541	T41	2,4	8	
	DRE160M4	9,2	AT541	T41	2,5	10	
	DRE160MC4	11	AT541	T41	2,5	13	
	DRE180S4	11	AT541	T41	2,5	13	
	DRE180M4	15	AT542	T41D	4,2	8	
	DRE180L4	18,5	AT542	T41D	4,3	10	
F127	DRE132MC4	7,5	AT541	T41	2,4	8	
	DRE160M4	9,2	AT541	T41	2,5	10	
	DRE160MC4	11	AT541	T41	2,5	13	
	DRE180S4	11	AT541	T41	2,5	13	
	DRE180M4	15	AT542	T41D	4,2	8	
	DRE180L4	18,5	AT542	T41D	4,3	10	
F157	DRE160MC4	11	AT541	T41	2,5	13	
	DRE180S4	11	AT541	T41	2,5	13	
	DRE180M4	15	AT542	T41D	4,2	8	
	DRE180L4	18,5	AT542	T41D	4,3	10	

9.2.3 F..AT/ DRP..4

		P_m [kW]				Sn [%]	
F67	DRP90M4	0,75	AT312	T11D	0,7	11	→312ff →315ff
	DRP90L4	1,1	AT312	T11D	0,72	15	
	DRP100M4	1,5	AT321	T21	0,85	9	
	DRP100L4	2,2	AT321	T21	0,9	13	
F77	DRP90M4	0,75	AT312	T11D	0,7	11	
	DRP90L4	1,1	AT312	T11D	0,72	15	
	DRP100M4	1,5	AT421	T21	0,85	9	
	DRP100L4	2,2	AT421	T21	0,9	13	
	DRP112M4	3	AT422	T21D	1,53	11	
	DRP132M4	4	AT422	T21D	1,6	12	

		P_m [kW]				Sn [%]	
F87	DRP90L4	1,1	AT312	T11D	0,72	15	
	DRP100M4	1,5	AT421	T21	0,85	9	
	DRP100L4	2,2	AT421	T21	0,9	13	
	DRP112M4	3	AT422	T21D	1,53	11	
	DRP132M4	4	AT422	T21D	1,6	12	
	DRP132MC4	5,5	AT541	T41	2	6	
	DRP160S4	5,5	AT541	T41	2	6	
	DRP160M4	7,5	AT541	T41	2,4	8	
	DRP160MC4	9,2	AT541	T41	2,5	10	
	DRP180S4	9,2	AT541	T41	2,5	10	
	DRP180M4	11	AT541	T41	2,5	13	
	DRP180L4	15	AT542	T41D	4,2	8	
F97	DRP90L4	1,1	AT312	T11D	0,72	15	
	DRP100M4	1,5	AT421	T21	0,85	9	
	DRP100L4	2,2	AT421	T21	0,9	13	
	DRP112M4	3	AT422	T21D	1,53	11	
	DRP132M4	4	AT422	T21D	1,6	12	
	DRP132MC4	5,5	AT541	T41	2	6	
	DRP160S4	5,5	AT541	T41	2	6	
	DRP160M4	7,5	AT541	T41	2,4	8	→ 312ff
	DRP160MC4	9,2	AT541	T41	2,5	10	→ 315ff
	DRP180S4	9,2	AT541	T41	2,5	10	
	DRP180M4	11	AT541	T41	2,5	13	
	DRP180L4	15	AT542	T41D	4,2	8	
F107	DRP100L4	2,2	AT421	T21	0,9	13	
	DRP112M4	3	AT422	T21D	1,53	11	
	DRP132M4	4	AT422	T21D	1,6	12	
	DRP132MC4	5,5	AT541	T41	2	6	
	DRP160S4	5,5	AT541	T41	2	6	
	DRP160M4	7,5	AT541	T41	2,4	8	
	DRP160MC4	9,2	AT541	T41	2,5	10	
	DRP180S4	9,2	AT541	T41	2,5	10	
	DRP180M4	11	AT541	T41	2,5	13	
	DRP180L4	15	AT542	T41D	4,2	8	
F127	DRP160M4	7,5	AT541	T41	2,4	8	
	DRP160MC4	9,2	AT541	T41	2,5	10	
	DRP180S4	9,2	AT541	T41	2,5	10	
	DRP180M4	11	AT541	T41	2,5	13	
	DRP180L4	15	AT542	T41D	4,2	8	
F157	DRP180M4	11	AT541	T41	2,5	13	
	DRP180L4	15	AT542	T41D	4,2	8	

9.2.4 F..AT/ DRS..2

		P_m [kW]				Sn [%]	
F67	DRS71M2	0,55	AT311	T11	0,19	3	
	DRS80S2	0,75	AT311	T11	0,22	4,5	
	DRS80M2	1,1	AT311	T11	0,27	6	
	DRS90M2	1,5	AT311	T11	0,29	8,5	
	DRS100M2	3	AT311	T11	0,4	12	
	DRS100LC2	4	AT312	T11D	0,52	10	
F77	DRS71M2	0,55	AT311	T11	0,19	3	
	DRS80S2	0,75	AT311	T11	0,22	4,5	
	DRS80M2	1,1	AT311	T11	0,27	6	
	DRS90M2	1,5	AT311	T11	0,29	8,5	
	DRS100M2	3	AT311	T11	0,4	12	
	DRS100LC2	4	AT312	T11D	0,52	10	→ 312ff
	DRS132M2	9,2	AT421	T21	0,65	8,5	→ 315ff
F87	DRS90M2	1,5	AT311	T11	0,29	8,5	
	DRS100M2	3	AT311	T11	0,4	12	
	DRS100LC2	4	AT312	T11D	0,52	10	
	DRS132M2	9,2	AT421	T21	0,65	8,5	
F97	DRS90M2	1,5	AT311	T11	0,29	8,5	
	DRS100M2	3	AT311	T11	0,4	12	
	DRS100LC2	4	AT312	T11D	0,52	10	
	DRS132M2	9,2	AT421	T21	0,65	8,5	
F107	DRS100M2	3	AT311	T11	0,4	12	
	DRS100LC2	4	AT312	T11D	0,52	10	
	DRS132M2	9,2	AT421	T21	0,65	8,5	
F127	DRS132M2	9,2	AT421	T21	0,65	8,5	

9.2.5 F..AT/ DRE..2

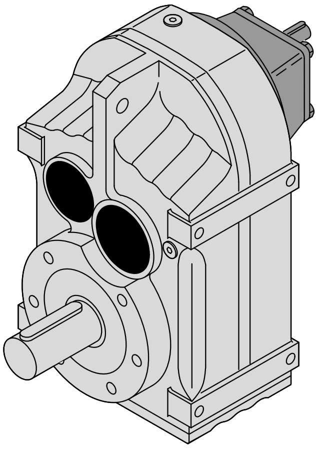
		P_m [kW]				Sn [%]	
F67	DRE80M2	0,75	AT311	T11	0,22	4,5	
	DRE90M2	1,5	AT311	T11	0,29	8,5	
	DRE100M2	2,2	AT311	T11	0,31	11,5	
	DRE100L2	3	AT311	T11	0,4	12	
F77	DRE80M2	0,75	AT311	T11	0,22	4,5	→ 312ff
	DRE90M2	1,5	AT311	T11	0,29	8,5	→ 315ff
	DRE100M2	2,2	AT311	T11	0,31	11,5	
	DRE100L2	3	AT311	T11	0,4	12	
	DRE132M2	7,5	AT421	T21	0,6	8	
	DRE132MC2	9,2	AT421	T21	0,65	8,5	

		P_m [kW]				Sn [%]	
F87	DRE90M2	1,5	AT311	T11	0,29	8,5	→312ff →315ff
	DRE100M2	2,2	AT311	T11	0,31	11,5	
	DRE100L2	3	AT311	T11	0,4	12	
	DRE132M2	7,5	AT421	T21	0,6	8	
	DRE132MC2	9,2	AT421	T21	0,65	8,5	
F97	DRE90M2	1,5	AT311	T11	0,29	8,5	
	DRE100M2	2,2	AT311	T11	0,31	11,5	
	DRE100L2	3	AT311	T11	0,4	12	
	DRE132M2	7,5	AT421	T21	0,6	8	
	DRE132MC2	9,2	AT421	T21	0,65	8,5	
F107	DRE100L2	3	AT311	T11	0,4	12	
	DRE132M2	7,5	AT421	T21	0,6	8	
	DRE132MC2	9,2	AT421	T21	0,65	8,5	
F127	DRE132M2	7,5	AT421	T21	0,6	8	
	DRE132MC2	9,2	AT421	T21	0,65	8,5	

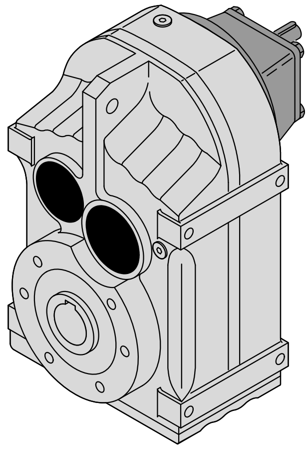
9.2.6 F..AT/ DRP..2

		P_m [kW]				Sn [%]	
F67	DRP80M2	0,75	AT311	T11	0,22	4,5	→312ff →315ff
	DRP90M2	1,1	AT311	T11	0,27	6	
	DRP100M2	2,2	AT311	T11	0,31	11,5	
	DRP100LC2	3	AT311	T11	0,4	12	
F77	DRP80M2	0,75	AT311	T11	0,22	4,5	
	DRP90M2	1,1	AT311	T11	0,27	6	
	DRP100M2	2,2	AT311	T11	0,31	11,5	
	DRP100LC2	3	AT311	T11	0,4	12	
F87	DRP100M2	2,2	AT311	T11	0,31	11,5	
	DRP100LC2	3	AT311	T11	0,4	12	
F97	DRP100M2	2,2	AT311	T11	0,31	11,5	
	DRP100LC2	3	AT311	T11	0,4	12	
F107	DRP100LC	3	AT311	T11	0,4	12	

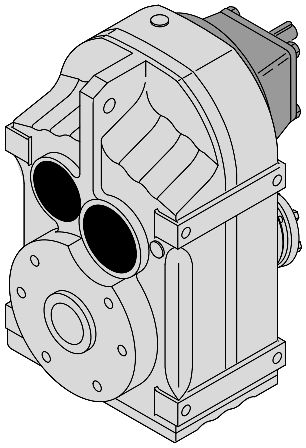
9.3 F.. AD.. [kW]



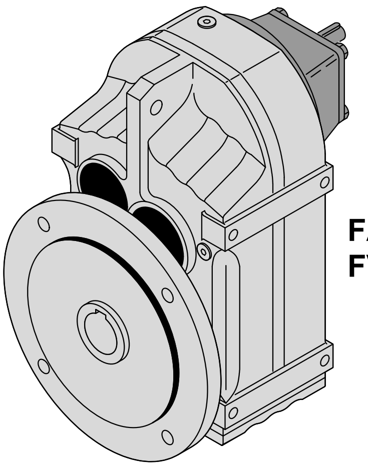
F.. AD..



FA..B AD..
FV..B AD..



FH..B AD..



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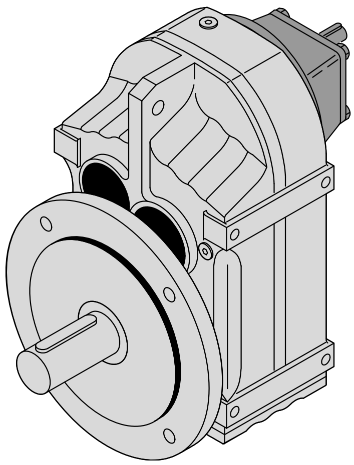
FVF.. AD ..



FF.. AD..

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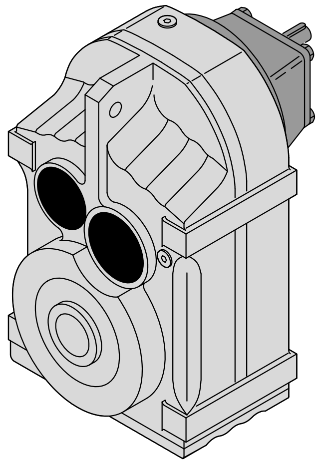
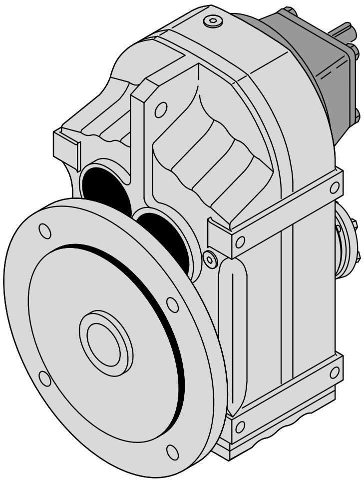
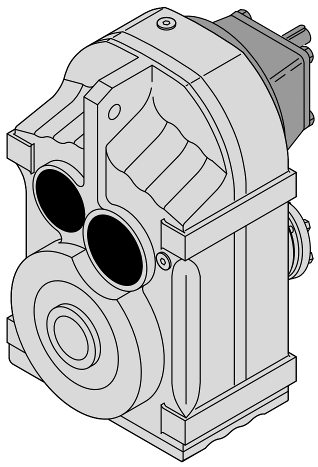


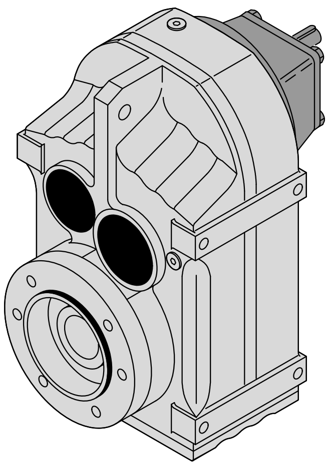
FA.. AD..
FV.. AD..



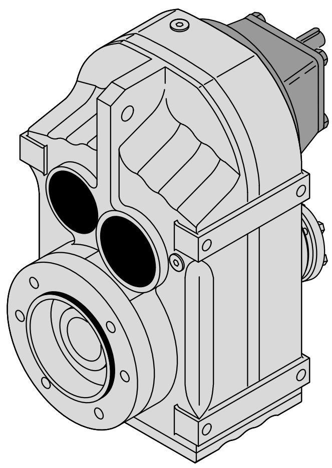
FHF .. AD ..



FH.. AD..



FAZ.. AD..
FVZ.. AD..



FHZ.. AD..

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i	n_a [1/min]	M_{amax}	P_e [kW]	F_{Ra} 1) [N]	F_{Re} [N]	φ (/R)					m [kg]	
FA27 AD.. , n_e = 1400 1/min												**130 Nm**
140.74	10.0	130	0.16	4500	755	-	-					
129.09	11	130	0.18	4500	755	-	-					
109.90	13	130	0.20	4500	755	-	-					
94.76	15	130	0.23	4500	750	-	-					
88.32	16	130	0.25	4500	750	-	-					
77.21	18	130	0.28	4500	745	-	-	**FA**	**27**	**AD1**	**7.6**	
72.37	19	130	0.30	4500	745	-	-	**FAF**	**27**	**AD1**	**8.3**	→ 318
63.86	22	130	0.33	4400	740	-	-	**F**	**27**	**AD1**	**8.1**	
56.62	25	130	0.37	4180	735	-	-	**FF**	**27**	**AD1**	**8.9**	
50.19	28	130	0.42	3980	580	-	-					
46.78	30	130	0.45	3860	570	-	-					
40.89	34	130	0.51	3640	555	-	-					
38.33	37	130	0.54	3530	545	-	-					
33.83	41	130	0.61	3340	525	-	-					
29.56	47	130	0.69	3140	1150	-	-					
27.18	52	130	0.75	3030	1130	-	-					
23.25	60	130	0.87	2820	1090	-	-					
20.15	69	130	1.0	2630	1040	-	-					
18.84	74	130	1.1	2550	1570	-	-					
16.28	86	130	1.2	2370	1550	-	-					
13.84	101	130	1.4	2180	1530	-	-	**FA**	**27**	**AD2**	**8.5**	
12.35	113	130	1.6	2060	1520	-	-	**FAF**	**27**	**AD2**	**9.2**	→ 318
10.55	133	130	1.9	1900	1490	-	-	**F**	**27**	**AD2**	**9.0**	
9.88	142	130	2.0	1830	1480	-	-	**FF**	**27**	**AD2**	**9.8**	
9.40	149	130	2.1	1660	1230	-	-					
8.13	172	123	2.3	1580	1230	-	-					
6.91	203	114	2.5	1530	1250	-	-					
6.17	227	109	2.7	1480	1250	-	-					
5.27	266	100	2.9	1440	1270	-	-					
4.93	284	96	3.0	1420	1270	-	-					
4.16	337	87	3.2	1380	1280	-	-					
FA37 AD.. , n_e = 1400 1/min												**200 Nm**
128.51	11	200	0.26	4290	655	7	-					
117.88	12	200	0.28	4290	650	7	-					
100.36	14	200	0.33	4290	640	7	-					
86.53	16	200	0.37	4290	625	7	-	**FA**	**37**	**AD1**	**14**	
80.65	17	200	0.40	4290	615	7	-	**FAF**	**37**	**AD1**	**15**	→ 318
70.50	20	200	0.45	4290	600	7	-	**F**	**37**	**AD1**	**14**	
66.09	21	200	0.48	4290	595	7	-	**FF**	**37**	**AD1**	**16**	
58.32	24	200	0.54	4290	575	7	-					
54.54	26	200	0.58	4290	335	8	-					
51.70	27	200	0.61	4290	555	7	-					
47.02	30	200	0.68	4290	1490	8	-					
43.83	32	200	0.72	4290	1480	8	-	**FA**	**37**	**AD2**	**15**	
38.31	37	200	0.82	4290	1440	8	-	**FAF**	**37**	**AD2**	**16**	→ 318
35.91	39	200	0.88	4290	1420	8	-	**F**	**37**	**AD2**	**15**	
31.69	44	200	0.99	4290	1380	8	-	**FF**	**37**	**AD2**	**17**	
28.09	50	200	1.1	4060	1640	8	-					
23.88	59	200	1.3	3760	1620	8	-					
23.63	59	200	1.3	3740	1420	6	-					
20.57	68	200	1.5	3500	1400	6	-					
19.27	73	200	1.6	3390	1390	6	-					
17.03	82	200	1.8	3180	1370	6	-					
15.81	89	200	1.9	3070	1360	6	-					
14.33	98	200	2.1	2910	1340	6	-					
12.87	109	200	2.4	2750	1320	7	-					
11.08	126	190	2.6	2620	1320	7	-	**FA**	**37**	**AD2**	**15**	
10.42	134	185	2.7	2580	1320	7	-	**FAF**	**37**	**AD2**	**16**	→ 318
8.97	156	175	3.0	2460	1320	7	-	**F**	**37**	**AD2**	**15**	
8.01	175	170	3.2	2360	1300	7	-	**FF**	**37**	**AD2**	**17**	
7.44	188	121	2.5	2560	1200	10	-					
6.74	208	140	3.2	2270	1070	10	-					
6.05	231	135	3.4	2190	1070	10	-					
5.21	269	125	3.6	2120	1090	10	-					
4.90	286	120	3.7	2100	1100	11	-					
4.22	332	110	4.0	2030	1120	11	-					
3.77	372	105	4.2	1970	1110	12	-					

i	n_a [1/min]	M_{amax}	P_e [kW]	F_{Ra} 1) [N]	F_{Re} [N]	φ (/R)	⚠				m [kg]	
FA47 AD.. , n_e = 1400 1/min												**400 Nm**
190.76	7.3	400	0.35	5920	545	6	-					
175.38	8.0	400	0.37	5920	535	6	-					
150.06	9.3	400	0.43	5920	525	6	-					
130.07	11	400	0.49	5920	510	6	-	**FA**	**47**	**AD1**	**19**	
121.57	12	400	0.53	5920	500	6	-	**FAF**	**47**	**AD1**	**21**	→ 318
105.09	13	400	0.61	5920	475	6	-	**F**	**47**	**AD1**	**19**	
89.29	16	400	0.71	5920	455	6	-	**FF**	**47**	**AD1**	**22**	
79.72	18	400	0.79	5920	430	6	-					
68.09	21	400	0.92	5920	400	6	-					
65.36	21	400	0.97	5920	1180	7	-					
56.49	25	400	1.1	5920	1600	7	-	**FA**	**47**	**AD2**	**20**	
48.00*	29	400	1.3	5920	1580	7	-	**FAF**	**47**	**AD2**	**22**	
42.86	33	400	1.4	5920	1570	7	-	**F**	**47**	**AD2**	**20**	→ 318
36.61	38	400	1.7	5920	1550	7	-	**FF**	**47**	**AD2**	**24**	
34.29	41	400	1.8	5920	1540	7	-					
28.88	48	400	2.1	5790	1510	7	-					
30.86	45	400	2.0	5920	1230	6	-					
29.32	48	400	2.1	5830	1220	6	-					
25.72	54	400	2.4	5460	1200	6	-					
21.82	64	400	2.8	5030	1170	6	-					
19.70	71	400	3.1	4770	1150	6	-					
17.33	81	400	3.5	4450	1120	6	-					
16.36	86	400	3.7	4320	1110	6	-	**FA**	**47**	**AD2**	**19**	
13.93	100	400	4.4	3950	1040	6	-	**FAF**	**47**	**AD2**	**22**	
12.66	111	400	4.8	3740	1010	6	-	**F**	**47**	**AD2**	**20**	→ 318
10.97	128	380	5.2	3580	1000	6	-	**FF**	**47**	**AD2**	**23**	
8.96	156	250	4.2	3860	860	8	-					
7.88	178	230	4.4	3770	910	8	-					
7.44*	188	225	4.6	3710	920	8	-					
6.34	221	200	4.8	3610	960	8	-					
5.76	243	191	5.0	3520	960	9	-					
4.99	281	173	5.2	3430	1000	9	-					
FA57 AD.. , n_e = 1400 1/min												**600 Nm**
199.70	7.0	600	0.50	9200	1510	6	-					
183.60	7.6	600	0.54	9200	1500	6	-					
157.09	8.9	600	0.62	9200	1470	6	-					
136.16	10	600	0.71	9200	1440	6	-					
127.27	11	600	0.76	9200	1430	6	-					
110.01	13	600	0.87	9200	1380	6	-					
93.47	15	600	1.0	9200	1340	6	-	**FA**	**57**	**AD2**	**27**	
83.46	17	600	1.1	9200	1640	6	-	**FAF**	**57**	**AD2**	**33**	
72.98	19	600	1.3	9200	1480	6	-	**F**	**57**	**AD2**	**27**	→ 318
68.22	21	600	1.4	9200	1470	6	-	**FF**	**57**	**AD2**	**34**	
58.97	24	600	1.6	9200	1440	7	-					
50.10	28	600	1.9	9200	1420	7	-					
44.73	31	600	2.1	9160	1400	7	-					
38.21	37	600	2.4	8510	1370	7	-					
35.79	39	600	2.6	8250	1350	7	-					
30.15	46	590	3.0	7650	1320	7	-					
40.13	35	265	1.0	10700	605	6	-	**FA**	**57**	**AD2**	**27**	
34.24	41	440	2.0	9020	1140	6	-	**FAF**	**57**	**AD2**	**32**	
29.94	47	415	2.1	8660	1170	6	-	**F**	**57**	**AD2**	**27**	→ 318
28.45	49	410	2.2	8500	1170	6	-	**FF**	**57**	**AD2**	**33**	
24.96	56	575	3.5	7060	830	6	-					
21.17	66	600	4.3	6350	1760	6	-					
19.11	73	600	4.8	6020	1730	6	-					
16.81	83	600	5.4	5620	1700	6	-					
15.88	88	600	5.7	5450	1670	6	-					
13.52	104	600	6.7	4980	1580	6	-	**FA**	**57**	**AD3**	**30**	
12.29	114	600	7.4	4710	1530	6	-	**FAF**	**57**	**AD3**	**35**	
10.64	132	600	8.5	4320	1440	6	-	**F**	**57**	**AD3**	**30**	→ 318
9.31	150	310	5.1	5490	1660	8	-	**FF**	**57**	**AD3**	**36**	
8.19	171	400	7.4	4580	1250	8	-					
7.73	181	390	7.6	4510	1260	8	-					
6.58	213	355	8.2	4370	1300	8	-					
5.98	234	335	8.5	4290	1330	9	-					
5.18	270	305	8.9	4190	1380	9	-					

9

i	n_a [1/min]	M_{amax}	P_e [kW]	F_{Ra} 1) [N]	F_{Re} [N]	φ (/R)	⚠				m [kg]	
FA67 AD.. , n_e = 1400 1/min												**820 Nm**
228.99	6.1	820	0.59	10300	1420	6	-					
195.39	7.2	820	0.68	10300	1390	6	-					
170.85	8.2	820	0.77	10300	1360	6	-					
162.31	8.6	820	0.81	10300	1370	6	-					
142.40	9.8	820	0.92	10300	1320	6	-					
120.79	12	820	1.1	10300	1630	6	-					
109.04	13	820	1.2	10300	1620	6	-	**FA**	**67**	**AD2**	**31**	
95.94	15	820	1.3	10300	1620	6	-	**FAF**	**67**	**AD2**	**37**	
90.59	15	820	1.4	10300	1610	6	-	**F**	**67**	**AD2**	**34**	→ 318
79.76	18	820	1.6	10300	1440	6	-	**FF**	**67**	**AD2**	**40**	
67.65	21	820	1.9	10300	1420	6	-					
61.07	23	820	2.1	10300	1400	6	-					
53.73	26	820	2.4	10300	1390	6	-					
50.74	28	820	2.5	10300	1380	6	-					
43.20	32	820	2.9	10300	1340	6	-					
39.26	36	780	3.1	10700	1340	6	-					
34.01	41	740	3.4	11000	1340	6	-					
36.30	39	590	2.5	12000	1100	5	-	**FA**	**67**	**AD2**	**30**	
								FAF	**67**	**AD2**	**36**	→ 318
								F	**67**	**AD2**	**33**	
								FF	**67**	**AD2**	**39**	
32.08	44	820	3.9	10300	1760	5	-					
27.41	51	820	4.6	10300	1720	5	-					
25.13	56	820	5.0	10300	1700	5	-					
22.05	63	820	5.6	10300	1660	5	-					
20.90*	67	820	6.0	10300	1640	5	-					
18.29	77	820	6.8	10300	1590	6	-					
16.48	85	820	7.5	10300	1530	6	-					
14.46	97	820	8.6	10300	1460	6	-	**FA**	**67**	**AD3**	**33**	
12.76	110	800	9.5	10500	1420	6	-	**FAF**	**67**	**AD3**	**39**	
11.31	124	745	10.0	10900	1450	6	-	**F**	**67**	**AD3**	**36**	→ 318
9.66	145	670	10.5	11500	1490	6	-	**FF**	**67**	**AD3**	**42**	
9.08	154	450	7.5	11800	1230	8	-					
8.60	163	440	7.8	11700	1260	8	-					
7.53	186	410	8.2	11300	1310	8	-					
6.78	206	385	8.6	11000	1330	9	-					
5.95	235	355	9.0	10700	1380	9	-					
5.25	267	330	9.5	10300	1420	9	-					
4.66	301	305	9.9	10100	1450	9	-					
3.97	352	275	10.5	9680	1490	10	-					
FA77 AD.. , n_e = 1400 1/min												**1500 Nm**
281.71	5.0	1500	0.87	15700	880	5	-					
262.93	5.3	1500	0.93	15700	880	5	-					
225.79	6.2	1500	1.1	15700	1540	5	-					
198.31	7.1	1500	1.2	15700	1540	5	-					
188.40	7.4	1500	1.3	15700	1540	5	-					
166.47	8.4	1500	1.4	15700	1510	5	-					
142.27	9.8	1500	1.7	15700	1500	5	-					
130.42	11	1500	1.8	15700	1490	5	-	**FA**	**77**	**AD2**	**54**	
114.45	12	1500	2.0	15700	1480	5	-	**FAF**	**77**	**AD2**	**60**	→ 318
108.46*	13	1500	2.2	15700	1470	5	-	**F**	**77**	**AD2**	**58**	
94.93	15	1500	2.5	15700	1450	5	-	**FF**	**77**	**AD2**	**68**	
85.52	16	1500	2.7	15700	1430	6	-					
75.02	19	1500	3.1	15700	1400	6	-					
72.50	19	1500	3.2	15700	1110	6	-					
66.46	21	1500	3.5	15700	1100	6	-					
58.32	24	1500	4.0	15700	1070	6	-					
55.27	25	1500	4.2	15700	1060	6	-					
48.37	29	1500	4.8	15700	1020	6	-					
43.58	32	1500	5.3	15700	2010	6	-	**FA**	**77**	**AD3**	**57**	
38.23	37	1500	6.0	15700	1970	6	-	**FAF**	**77**	**AD3**	**64**	
33.74	42	1500	6.8	15700	1920	6	-	**F**	**77**	**AD3**	**61**	→ 318
29.91	47	1500	7.7	15700	1860	6	-	**FF**	**77**	**AD3**	**72**	
25.54	55	1450	8.7	16100	1820	6	-					
36.58	38	1110	4.6	17900	1580	5	-	**FA**	**77**	**AD3**	**56**	
31.51	44	1110	5.4	17900	1540	5	-	**FAF**	**77**	**AD3**	**63**	
28.75	49	1200	6.4	17400	1400	5	-	**F**	**77**	**AD3**	**60**	→ 318
								FF	**77**	**AD3**	**70**	

i	n_a [1/min]	M_{amax}	P_e [kW]	F_{Ra} 1) [N]	F_{Re} [N]	φ (/R)	⚠				m [kg]	
25.50*	55	1500	8.9	15700	3020	5	-					
21.43	65	1500	10.6	15700	2950	5	-					
19.70	71	1500	11.5	15700	2880	5	-					
17.49	80	1500	13.0	15700	2820	5	-					
15.64*	90	1500	14.5	15700	2750	5	-					
14.06	100	1500	16.1	15700	2680	5	-	**FA**	**77**	**AD4**	**62**	
12.20	115	1500	18.6	14900	2560	5	-	**FAF**	**77**	**AD4**	**69**	
10.93	128	1500	21	14200	2470	6	-	**F**	**77**	**AD4**	**66**	→ 318
9.30	151	1080	17.6	13800	1300	7	-	**FF**	**77**	**AD4**	**76**	
8.26	170	1080	19.8	13100	1110	7	-					
7.39	190	1080	22	12500	900	7	-					
6.64	211	1080	25	12000	690	8	-					
5.76	243	1060	28	11400	475	8	-					
5.16	271	940	27	11400	1000	8	-					
4.28	327	790	28	11200	1550	8	-					
FA87 AD.. , n_e = 1400 1/min												**3000 Nm**
270.68	5.2	3000	1.8	19800	1350	7	-					
255.37	5.5	3000	1.9	19800	1350	7	-					
228.93	6.1	3000	2.1	19800	1330	7	-					
197.20	7.1	3000	2.4	19800	1310	7	-					
179.97	7.8	3000	2.6	19800	1300	7	-	**FA**	**87**	**AD2**	**93**	
159.61	8.8	3000	2.9	19800	1290	7	-	**FAF**	**87**	**AD2**	**105**	
134.16	10	3000	3.5	19800	1260	7	-	**F**	**87**	**AD2**	**99**	→ 318
123.29	11	3000	3.8	19800	1240	7	-	**FF**	**87**	**AD2**	**115**	
109.49	13	3000	4.2	19800	1220	7	-					
97.89	14	3000	4.7	19800	1190	7	-					
88.01	16	3000	5.3	19800	1160	7	-					
76.39	18	3000	6.1	19800	1110	7	-					
68.40	20	3000	6.8	19600	2020	7	-	**FA**	**87**	**AD3**	**97**	
56.75	25	3000	8.2	17700	1940	7	-	**FAF**	**87**	**AD3**	**110**	
50.36	28	2940	9.0	16800	1540	7	-	**F**	**87**	**AD3**	**105**	→ 318
45.28	31	2820	9.6	16200	1540	8	-	**FF**	**87**	**AD3**	**120**	
39.30	36	2720	10.6	15400	1510	8	-					
35.19	40	2610	11.4	14900	3530	8	-	**FA**	**87**	**AD4**	**105**	
29.20	48	2510	13.2	13800	3470	8	-	**FAF**	**87**	**AD4**	**115**	
								F	**87**	**AD4**	**110**	→ 318
								FF	**87**	**AD4**	**125**	
33.92	41	2560	11.5	14800	2540	7	-	**FA**	**87**	**AD4**	**100**	
28.78	49	2390	12.6	14100	2610	7	-	**FAF**	**87**	**AD4**	**115**	
								F	**87**	**AD4**	**105**	→ 318
								FF	**87**	**AD4**	**120**	
26.50	53	3000	17.2	11100	5210	7	-					
23.68	59	3000	19.2	10300	5140	7	-					
21.32*	66	3000	21	9520	5060	7	-					
19.31	73	3000	24	8840	4980	7	-					
17.12	82	3000	26	8040	4890	7	-					
15.48	90	3000	29	7390	4790	7	-	**FA**	**87**	**AD5**	**115**	
13.12*	107	3000	35	6370	4580	7	-	**FAF**	**87**	**AD5**	**130**	
11.46	122	3000	40	5580	4420	7	-	**F**	**87**	**AD5**	**120**	→ 318
9.58	146	2880	45	5050	4280	7	-	**FF**	**87**	**AD5**	**135**	
8.29	169	1530	28	8890	4450	7	-					
7.35	190	1530	31	8280	4340	7	-					
6.65	211	1530	35	7790	4220	7	-					
5.63	248	1530	41	7020	3980	7	-					
4.92	284	1510	46	6510	3760	7	-					
4.12	340	1260	46	6830	4210	7	-					

i	n_a [1/min]	M_{amax}	P_e [kW]	F_{Ra} 1) [N]	F_{Re} [N]	φ (/R)					m [kg]	
FA97 AD.. , n_e = 1400 1/min												**4300 Nm**
276.77	5.1	4300	2.5	29900	2180	6	-					
253.41	5.5	4300	2.7	29900	2170	6	-					
223.88	6.2	4300	3.0	29900	2150	6	-					
189.92	7.4	4300	3.6	29900	2130	6	-					
174.87	8.0	4300	3.9	29900	2110	6	-					
156.30	9.0	4300	4.3	29900	2090	6	-					
140.71	10.0	4300	4.8	29900	2070	6	-	**FA**	**97**	**AD3**	**160**	
127.42	11	4300	5.3	29900	2050	6	-	**FAF**	**97**	**AD3**	**185**	→ 318
112.99	12	4300	5.9	29900	2020	6	-	**F**	**97**	**AD3**	**170**	
102.16	14	4300	6.6	29900	1990	6	-	**FF**	**97**	**AD3**	**200**	
97.58	14	4300	6.8	29900	1520	6	-					
89.85	16	4300	7.4	29900	1490	6	-					
86.59	16	4300	7.7	29900	1930	6	-					
80.31	17	4300	8.3	29900	1450	6	-					
75.63	19	4300	8.8	29900	1880	6	-					
72.29	19	4300	9.2	29900	1410	6	-					
65.47	21	4300	10.1	29000	3410	6	-					
58.06	24	4300	11.4	27200	3370	6	-	**FA**	**97**	**AD4**	**165**	
52.49	27	4300	12.6	25800	3320	6	-	**FAF**	**97**	**AD4**	**190**	→ 318
44.49	31	4300	14.9	23600	3220	6	-	**F**	**97**	**AD4**	**175**	
38.86	36	4300	17.1	21900	3140	6	-	**FF**	**97**	**AD4**	**205**	
32.50	43	4300	20	19800	3000	6	-					
43.28	32	3070	10.8	27600	2700	6	-	**FA**	**97**	**AD4**	**160**	
36.64	38	3070	12.7	25500	2620	6	-	**FAF**	**97**	**AD4**	**185**	
								F	**97**	**AD4**	**170**	→ 318
								FF	**97**	**AD4**	**200**	
33.91	41	4300	19.2	20300	4940	6	-					
30.39	46	4300	21	19000	4870	6	-					
27.44*	51	4300	24	17900	4750	6	-	**FA**	**97**	**AD5**	**180**	
24.92	56	4300	26	16800	4670	6	-	**FAF**	**97**	**AD5**	**200**	→ 318
22.11	63	4300	29	15600	4570	6	-	**F**	**97**	**AD5**	**185**	
20.07	70	4300	32	14600	4470	6	-	**FF**	**97**	**AD5**	**220**	
17.25*	81	4300	38	13200	4290	6	-					
15.06	93	4300	43	11900	4110	6	-					
12.77	110	4300	51	10500	6840	6	-					
11.16	125	4100	56	10000	6800	6	-					
9.06	154	2360	39	13400	6470	9	-					
8.22	170	2360	43	12600	6350	8	-	**FA**	**97**	**AD6**	**190**	
7.07	198	2360	50	11500	6130	9	-	**FAF**	**97**	**AD6**	**215**	→ 318
6.17	227	2250	55	11100	6130	9	-	**F**	**97**	**AD6**	**200**	
5.23	268	1930	56	11300	6490	9	-	**FF**	**97**	**AD6**	**230**	
4.57	306	1690	56	11400	6780	9	-					
3.87	362	1430	56	11400	7140	9	-					
FA107 AD.. , n_e = 1400 1/min												**7840 Nm**
254.40*	5.5	7680	4.8	49800	1850	5	-					
215.37	6.5	7680	5.6	49800	1820	5	-					
199.31	7.0	7680	6.0	49800	1800	5	-	**FA**	**107**	**AD3**	**235**	
178.64	7.8	7680	6.7	49800	1780	5	-	**FAF**	**107**	**AD3**	**260**	→ 318
161.28*	8.7	7680	7.4	49800	1720	5	-	**F**	**107**	**AD3**	**255**	
146.49	9.6	7680	8.1	49800	1690	5	-	**FF**	**107**	**AD3**	**280**	
129.97	11	7680	9.2	49800	1650	5	-					
117.94	12	7680	10.1	49800	1610	5	-					
101.38*	14	7680	11.8	49800	3570	5	-					
92.47*	15	7680	12.8	49800	3030	6	-					
88.49	16	7680	13.5	49800	3510	5	-	**FA**	**107**	**AD4**	**245**	
83.99	17	7680	14.1	49800	2980	6	-	**FAF**	**107**	**AD4**	**265**	→ 318
74.52	19	7680	15.9	49800	2920	6	-	**F**	**107**	**AD4**	**260**	
67.62	21	7680	17.5	49800	2860	6	-	**FF**	**107**	**AD4**	**290**	
58.12*	24	7680	20	47800	2760	6	-					
50.73	28	7680	23	45100	2650	6	-					
43.03	33	7680	28	42000	5730	6	-	**FA**	**107**	**AD5**	**255**	
37.61	37	7680	31	39500	5600	6	-	**FAF**	**107**	**AD5**	**280**	→ 318
31.80	44	7680	37	36500	5440	6	-	**F**	**107**	**AD5**	**275**	
								FF	**107**	**AD5**	**300**	

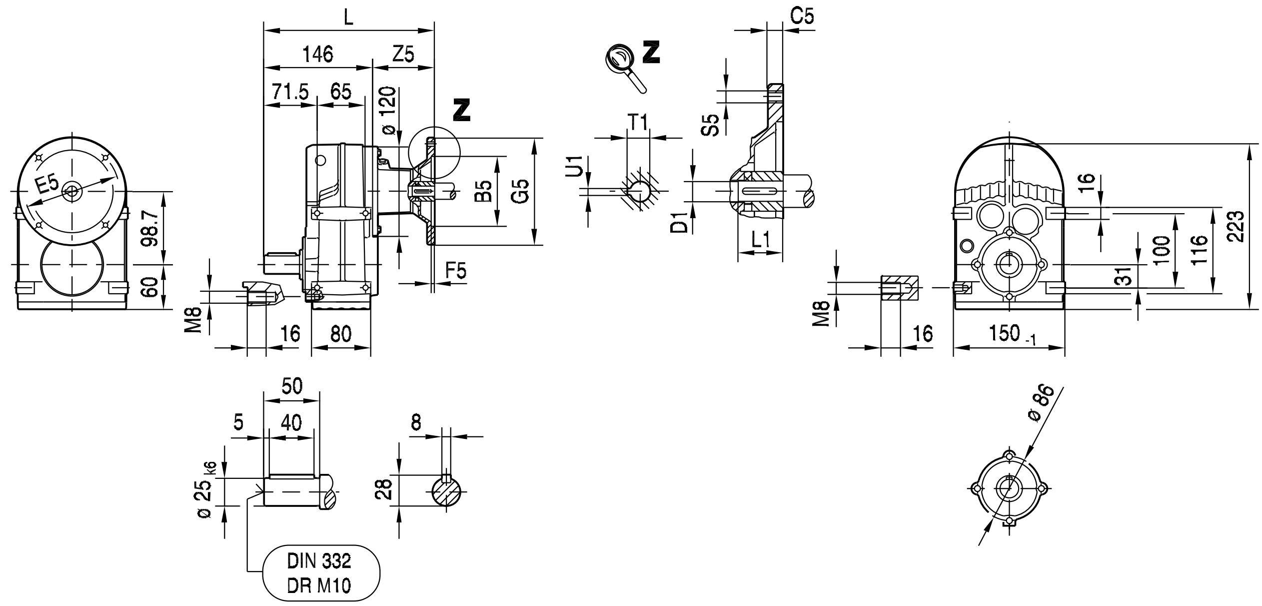
i	n_a [1/min]	M_{amax}	P_e [kW]	F_{Ra} 1) [N]	F_{Re} [N]	φ (/R)	⚠				m [kg]	
33.79*	41	7400	33	38300	6580	5	-					
27.57	51	7840	43	33300	5940	5	-					
25.14	56	7840	47	31500	5710	5	-					
21.76*	64	7840	54	28800	5270	5	-					
19.20*	73	7090	56	29600	6050	5	-					
16.58	84	6120	56	30600	6480	5	-	**FA**	**107**	**AD6**	**260**	
14.67	95	5410	56	30800	6780	5	-	**FAF**	**107**	**AD6**	**280**	→📖 318
12.33	114	4540	56	30800	7140	5	M4	**F**	**107**	**AD6**	**275**	
9.96	141	4000	61	29600	7220	5	M2,4-6	**FF**	**107**	**AD6**	**305**	
9.69	144	3580	56	29300	6050	7	-					
8.37	167	3090	56	29100	6480	7	-					
7.40	189	2730	56	28800	6780	7	-					
6.22	225	2290	56	28200	7140	7	M4					
5.03	279	2020	61	26800	7220	7	-					
FA127 AD.. , n_e = 1400 1/min												**12000 Nm**
170.83	8.2	12000	10.9	90000	3160	5	-					
153.67*	9.1	12000	12.1	90000	3120	5	-					
125.37	11	12000	14.8	90000	3000	5	-	**FA**	**127**	**AD4**	**390**	
114.34	12	12000	16.2	88000	2950	5	-	**FAF**	**127**	**AD4**	**430**	→📖 318
98.95	14	12000	18.8	83000	2860	5	-	**F**	**127**	**AD4**	**430**	
87.31*	16	12000	21	79000	2780	5	-	**FF**	**127**	**AD4**	**475**	
75.41*	19	12000	25	74300	2680	5	-					
70.07	20	12000	26	72100	4930	5	-					
63.91	22	12000	29	69400	4850	5	-	**FA**	**127**	**AD5**	**405**	
55.31	25	12000	33	65200	4710	5	-	**FAF**	**127**	**AD5**	**440**	→📖 318
48.80	29	12000	38	61300	4590	5	-	**F**	**127**	**AD5**	**440**	
42.15	33	12000	44	56800	4420	5	-	**FF**	**127**	**AD5**	**485**	
37.28	38	12000	50	53200	7220	5	-	**FA**	**127**	**AD6**	**415**	
								FAF	**127**	**AD6**	**455**	→📖 318
								F	**127**	**AD6**	**455**	
								FF	**127**	**AD6**	**495**	
31.33	45	12000	59	48300	17000	5	-	**FA**	**127**	**AD7**	**415**	
25.30	55	12000	73	42400	16600	5	-	**FAF**	**127**	**AD7**	**455**	→📖 318
								F	**127**	**AD7**	**450**	
								FF	**127**	**AD7**	**495**	
26.86	52	8500	48	55300	4990	5	-	**FA**	**127**	**AD6**	**405**	
24.57	57	8500	52	53300	4770	5	-	**FAF**	**127**	**AD6**	**440**	→📖 318
								F	**127**	**AD6**	**440**	
								FF	**127**	**AD6**	**485**	
21.38	65	12000	85	38000	23800	5	-					
18.87	74	10800	86	39600	24200	5	-					
16.36	86	11000	102	35400	23900	5	-					
14.55	96	11000	114	32600	23600	5	M2					
12.54	112	10000	120	33300	23900	5	M2-6	**FA**	**127**	**AD8**	**425**	
10.19	137	9040	134	32700	23900	5	M1-6	**FAF**	**127**	**AD8**	**465**	→📖 318
8.86	158	7000	119	36400	22800	6	M2,4-6	**F**	**127**	**AD8**	**460**	
7.88	178	6000	115	37000	23500	6	M2,5,6	**FF**	**127**	**AD8**	**510**	
6.80	206	6030	134	34700	23200	7	M1-6					
5.52	254	4900	134	34500	23900	7	M1-6					
4.68	299	4150	134	34100	24400	7	M1-6					
FA157 AD.. , n_e = 1400 1/min												**18000 Nm**
267.43	5.2	18000	10.6	100300	6300	5	-					
217.62*	6.4	18000	12.9	100300	6240	5	-					
178.20*	7.9	18000	15.7	100300	6140	5	-					
162.96	8.6	18000	17.1	100300	6110	5	-					
141.80*	9.9	18000	19.7	100300	6030	5	-	**FA**	**157**	**AD5**	**660**	
125.14	11	18000	22	100300	5960	5	-	**FAF**	**157**	**AD5**	**720**	→📖 318
108.49	13	18000	26	100300	5870	5	-	**F**	**157**	**AD5**	**680**	
96.53*	14	18000	29	100300	5780	5	-	**FF**	**157**	**AD5**	**790**	
85.80*	16	18000	32	95800	4350	5	-					
78.46	18	18000	35	92300	4280	5	-					
68.28*	21	18000	40	87000	4130	5	-					
60.25	23	18000	46	82500	3950	5	-					
52.24	27	18000	53	77500	6790	5	-	**FA**	**157**	**AD6**	**680**	
								FAF	**157**	**AD6**	**740**	→📖 318
								F	**157**	**AD6**	**700**	
								FF	**157**	**AD6**	**810**	

i	n_a [1/min]	M_{amax}	P_e [kW]	F_{Ra} 1) [N]	F_{Re} [N]	φ (/R)					m [kg]	
46.48*	30	18000	59	73600	16700	5	-	**FA**	**157**	**AD7**	**670**	
40.06	35	18000	69	68900	16500	5	-	**FAF**	**157**	**AD7**	**730**	→ 318
32.55	43	18000	85	62500	15800	5	M2	**F**	**157**	**AD7**	**690**	
								FF	**157**	**AD7**	**800**	
27.60	51	18000	100	57800	25800	5	M2-6	**FA**	**157**	**AD8**	**700**	
								FAF	**157**	**AD8**	**750**	→ 318
								F	**157**	**AD8**	**720**	
								FF	**157**	**AD8**	**820**	
53.55	26	8000	23	98400	4560	4	-	**FA**	**157**	**AD5**	**650**	
								FAF	**157**	**AD5**	**710**	→ 318
								F	**157**	**AD5**	**680**	
								FF	**157**	**AD5**	**780**	
43.94*	32	10000	35	87800	6580	4	-	**FA**	**157**	**AD6**	**670**	
35.75*	39	11000	47	79300	5200	4	-	**FAF**	**157**	**AD6**	**730**	→ 318
								F	**157**	**AD6**	**690**	
								FF	**157**	**AD6**	**800**	
28.60*	49	17000	90	60800	23400	4	-					
25.43	55	15000	89	61500	24000	4	-	**FA**	**157**	**AD8**	**690**	
22.16	63	18000	123	51800	22500	4	-	**FAF**	**157**	**AD8**	**750**	
19.77	71	17000	130	50900	22600	4	-	**F**	**157**	**AD8**	**710**	→ 318
16.85	83	18000	161	44900	21700	5	M2,4-6	**FF**	**157**	**AD8**	**820**	
13.96	100	17000	184	42500	21500	5	M1-6					
11.92	117	16000	203	40900	21400	5	M1-6					

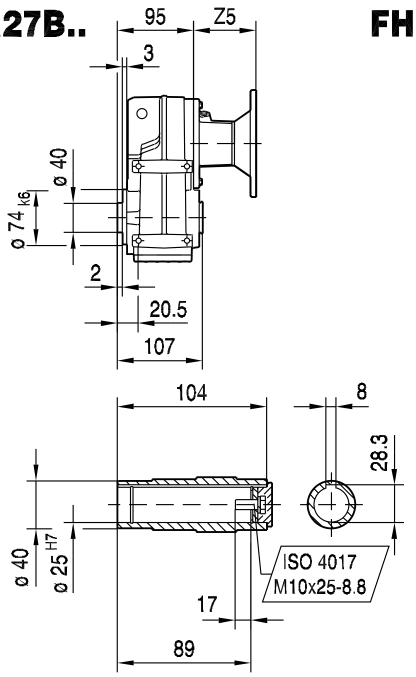
9.4 F.. AM.. (IEC) [mm]

42 040 02 01

F27..



FA27B..



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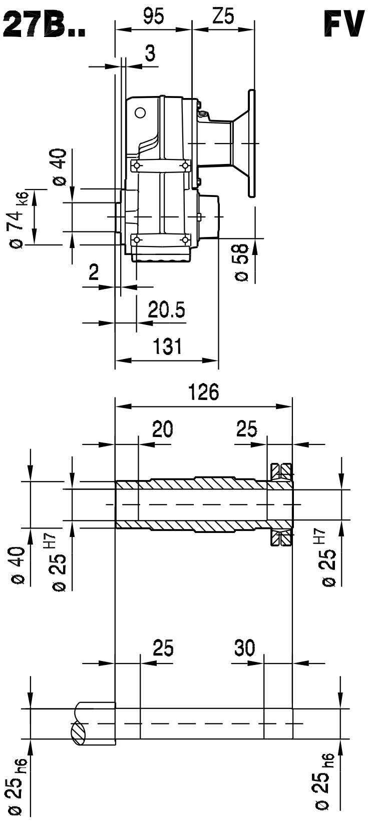
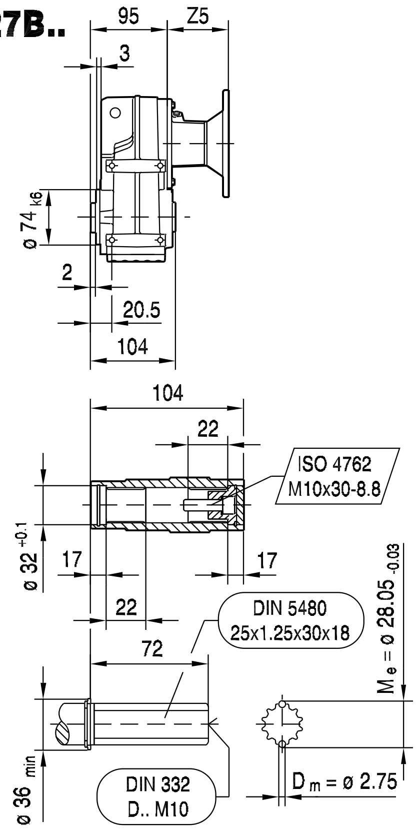


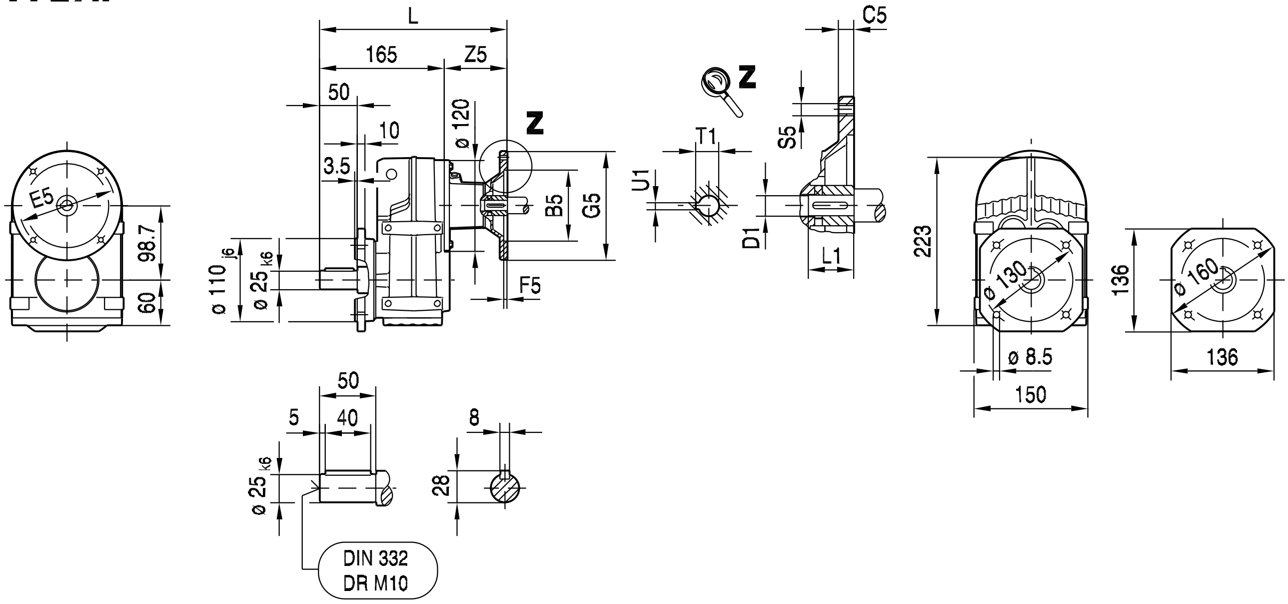
FV27B..



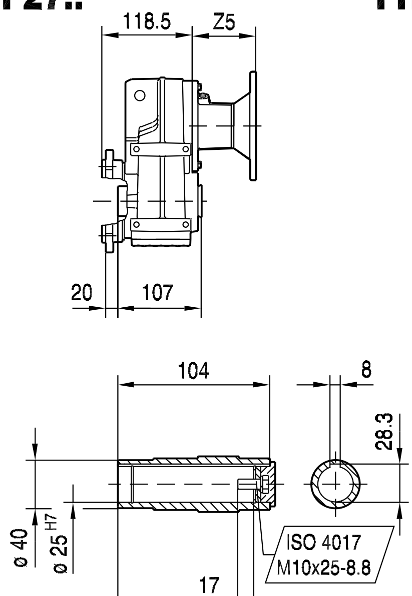
(→ 📖 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1
AM63	95	10	115	3.5	140	218	M8	72	11	23	12.8	4
AM71	110	10	130	4.0	160	218	M8	72	14	30	16.3	5
AM80	130	12	165	4.5	200	252	M10	106	19	40	21.8	6
AM90	130	12	165	4.5	200	252	M10	106	24	50	27.3	8

42 041 02 01

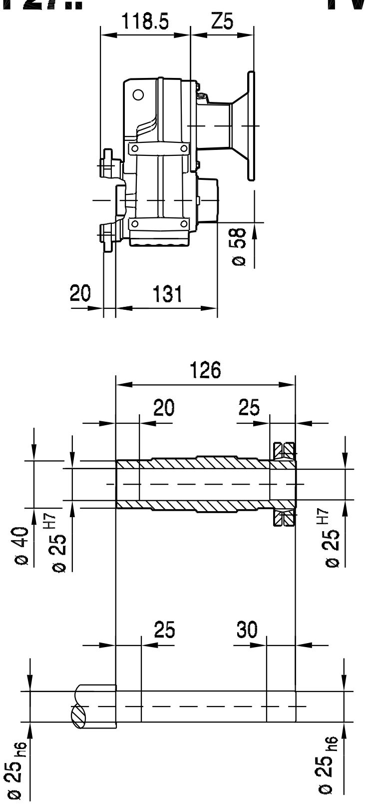
FF27..



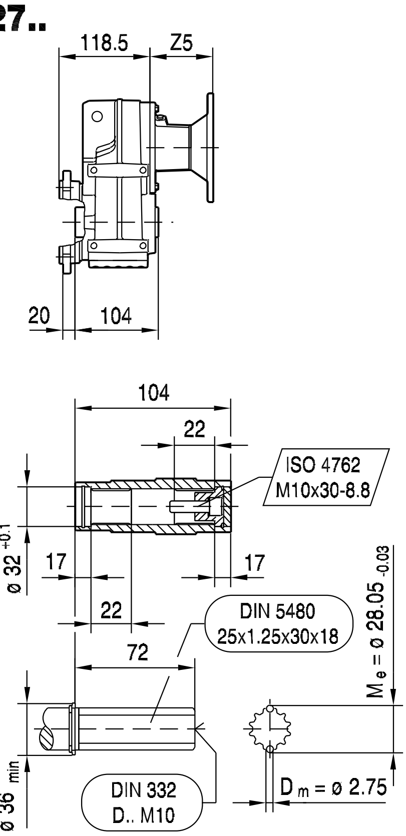
FAF27..



FHF27..



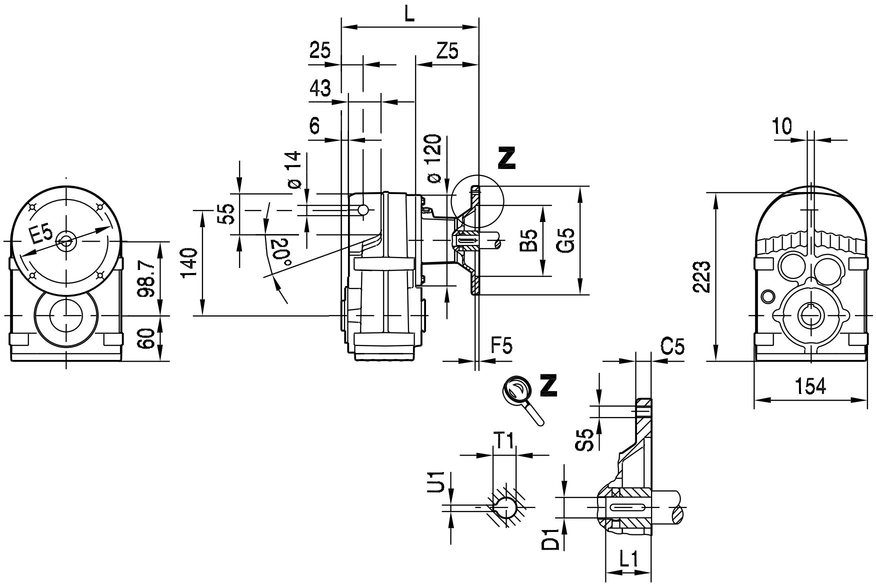
FVF27..

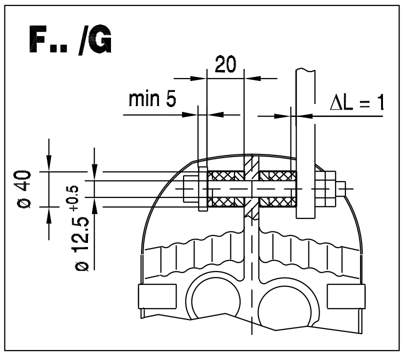


(→ 📖 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1	
AM63	95	10	115	3.5	140	237	M8	72	11	23	12.8	4	
AM71	110	10	130	4.0	160	237	M8	72	14	30	16.3	5	
AM80	130	12	165	4.5	200	271	M10	106	19	40	21.8	6	
AM90	130	12	165	4.5	200	271	M10	106	24	50	27.3	8	

42 042 02 01

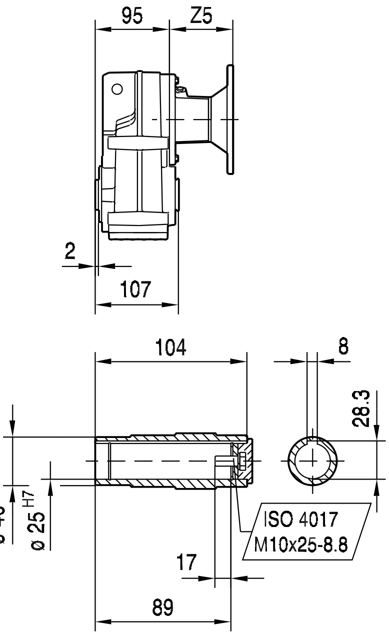
FA27..



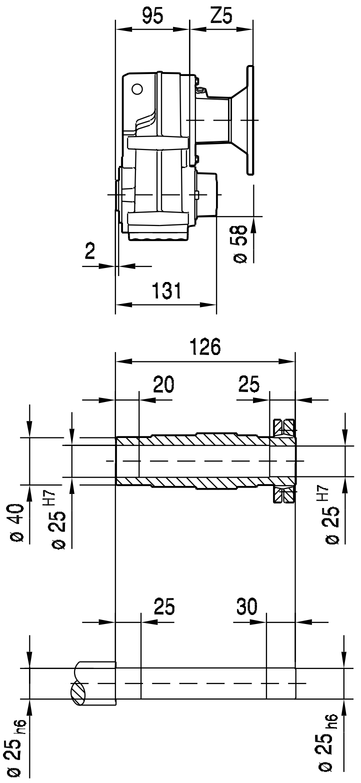


9

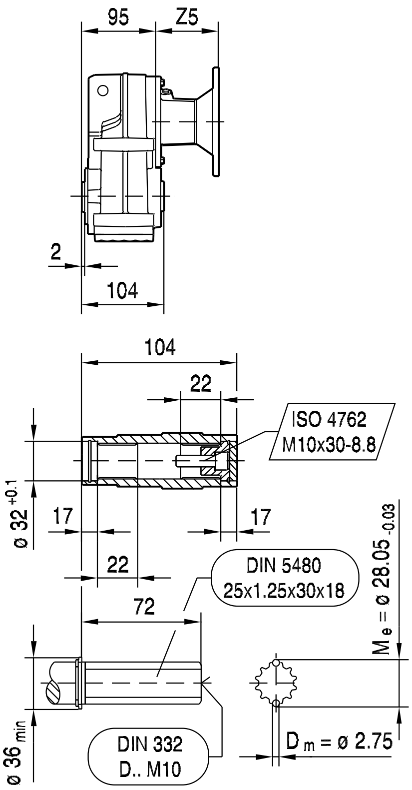
FA27..



FH27..



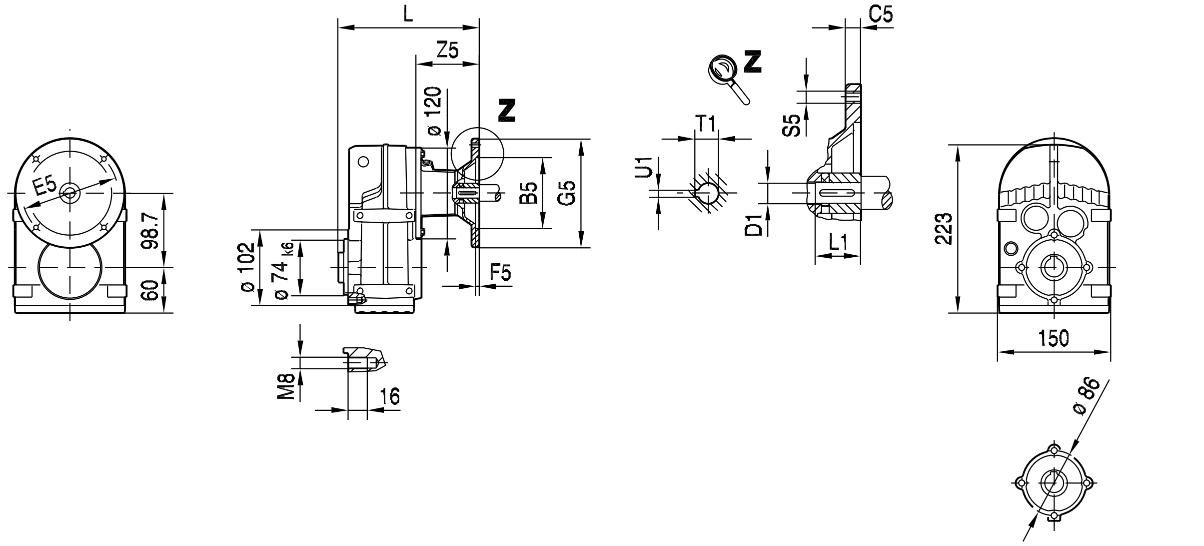
FV27..



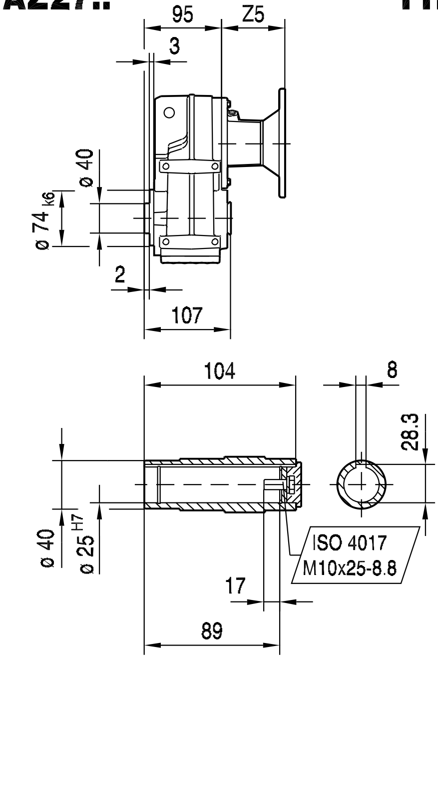
(→ 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1	
AM63	95	10	115	3.5	140	167	M8	72	11	23	12.8	4	
AM71	110	10	130	4.0	160	167	M8	72	14	30	16.3	5	
AM80	130	12	165	4.5	200	201	M10	106	19	40	21.8	6	
AM90	130	12	165	4.5	200	201	M10	106	24	50	27.3	8	

42 043 02 01

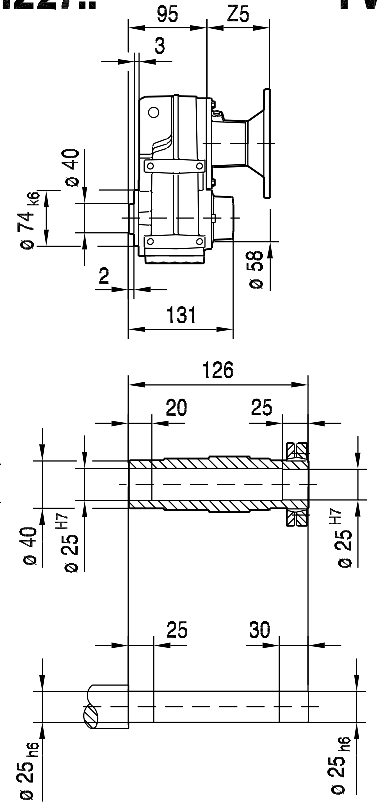
FAZ27..



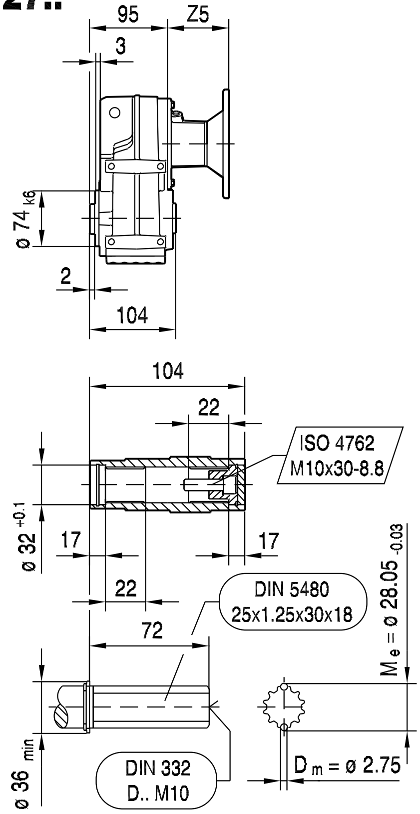
FAZ27..



FHZ27..



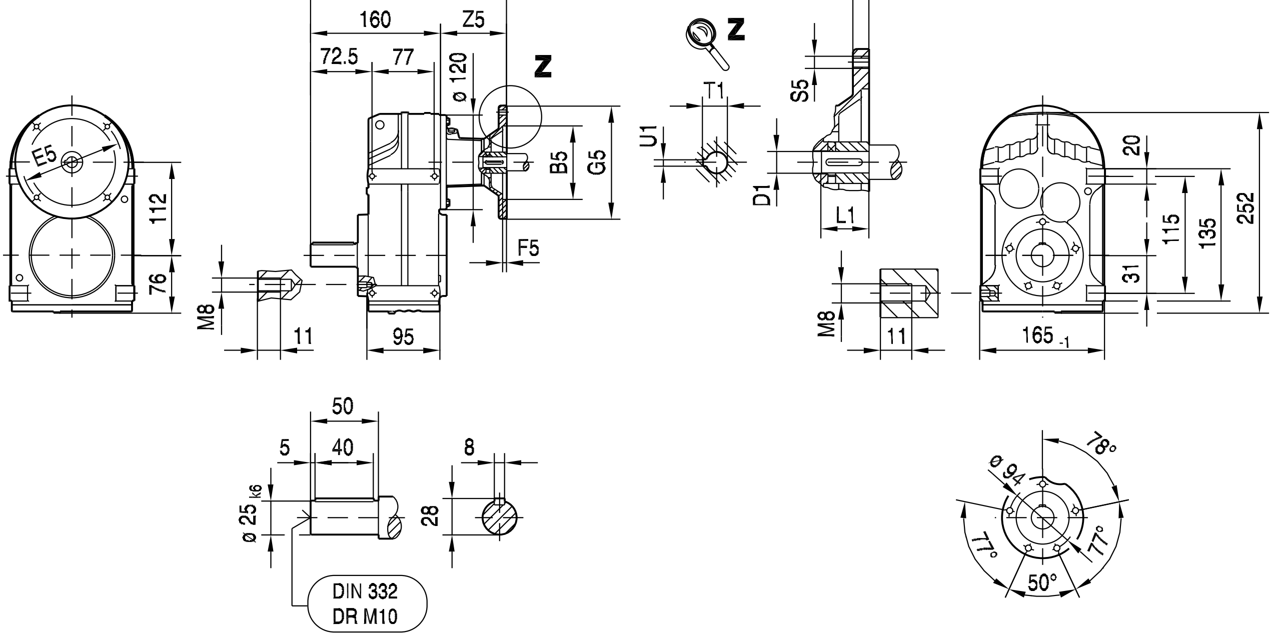
FVZ27..



(→ 📖 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1	
AM63	95	10	115	3.5	140	167	M8	72	11	23	12.8	4	
AM71	110	10	130	4.0	160	167	M8	72	14	30	16.3	5	
AM80	130	12	165	4.5	200	201	M10	106	19	40	21.8	6	
AM90	130	12	165	4.5	200	201	M10	106	24	50	27.3	8	

F37..

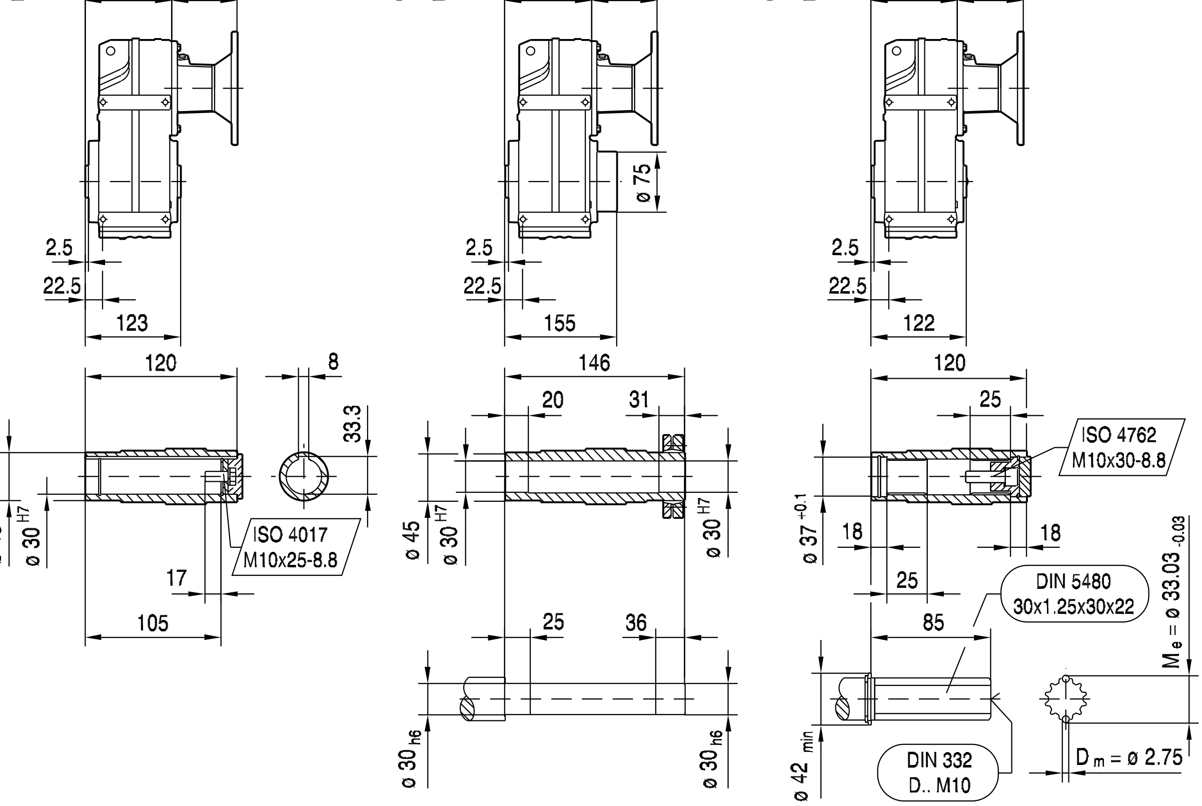
42 044 02 01



FA37B..

FH37B..

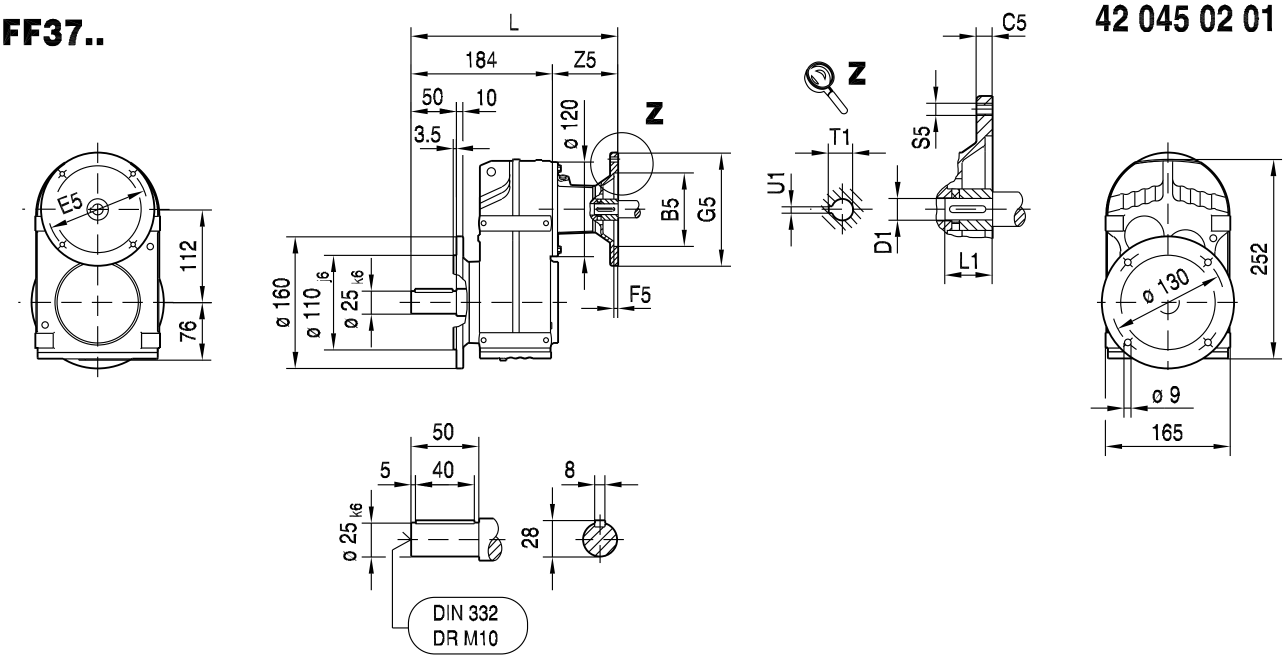
FV37B..



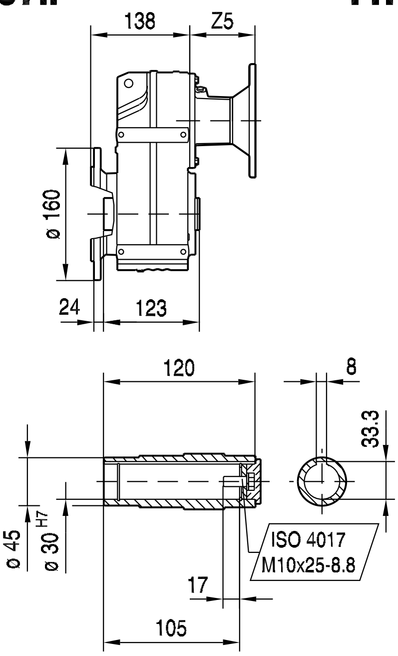
(→ 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1	
AM63	95	10	115	3.5	140	232	M8	72	11	23	12.8	4	
AM71	110	10	130	4.0	160	232	M8	72	14	30	16.3	5	
AM80	130	12	165	4.5	200	266	M10	106	19	40	21.8	6	
AM90	130	12	165	4.5	200	266	M10	106	24	50	27.3	8	

FF37..

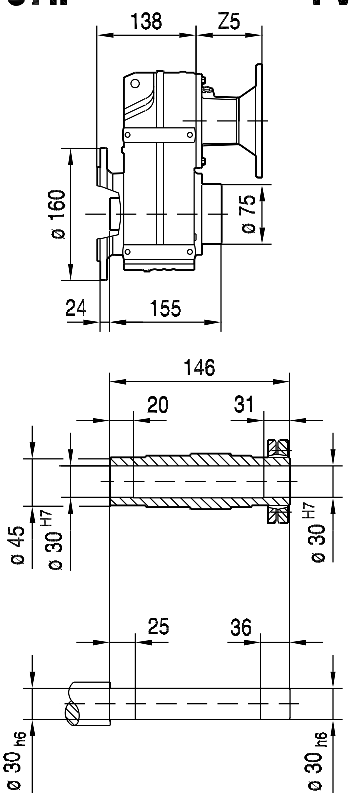
42 045 02 01



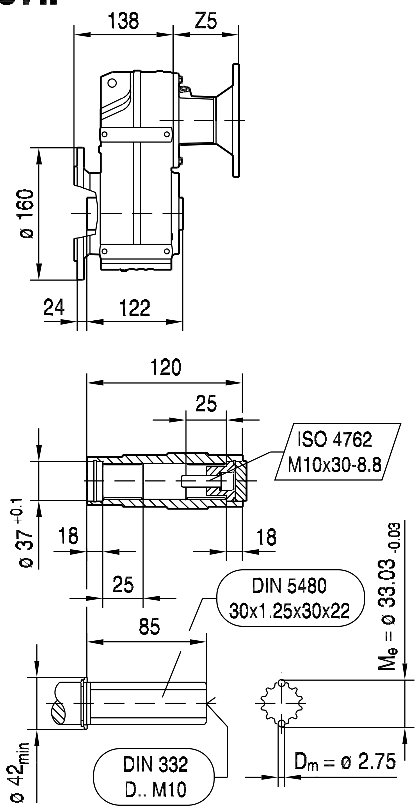
FAF37..



FHF37..



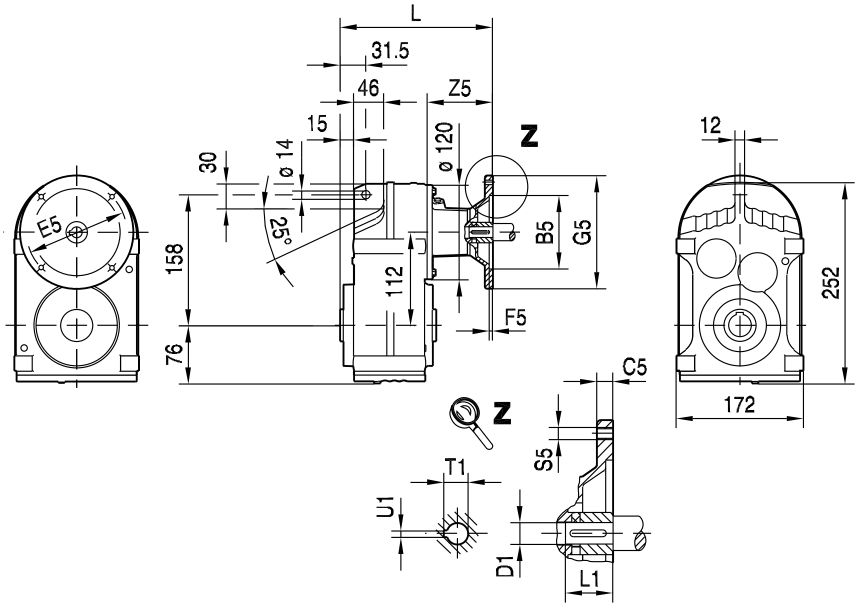
FVF37..

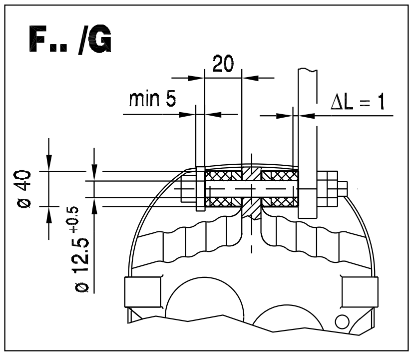


(→ 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1	
AM63	95	10	115	3.5	140	256	M8	72	11	23	12.8	4	
AM71	110	10	130	4.0	160	256	M8	72	14	30	16.3	5	
AM80	130	12	165	4.5	200	290	M10	106	19	40	21.8	6	
AM90	130	12	165	4.5	200	290	M10	106	24	50	27.3	8	

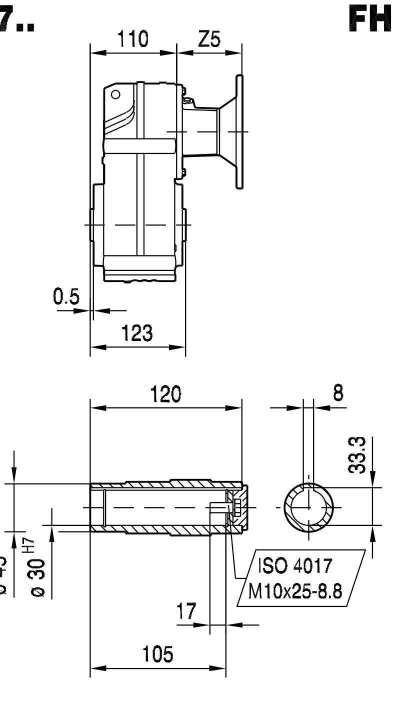
FA37..

42 046 02 01

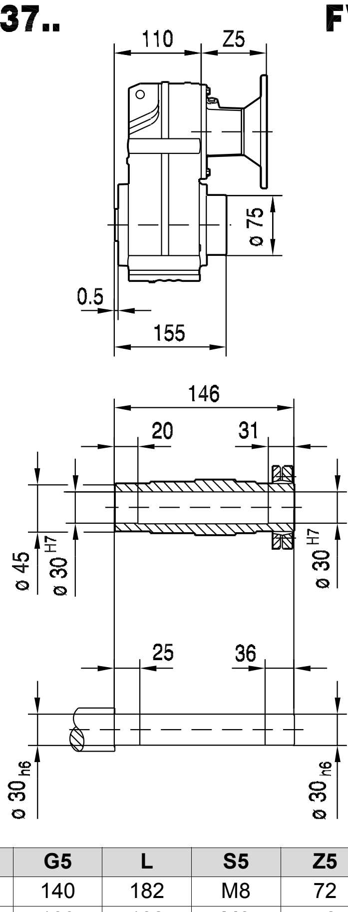




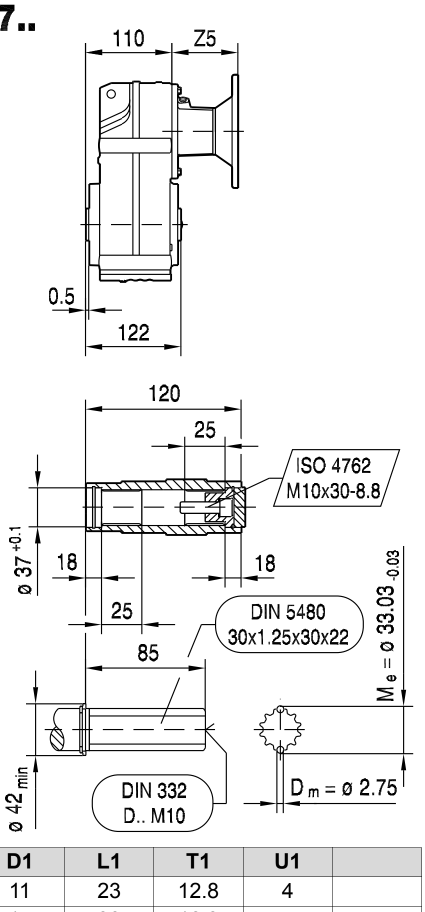
FA37..



FH37..



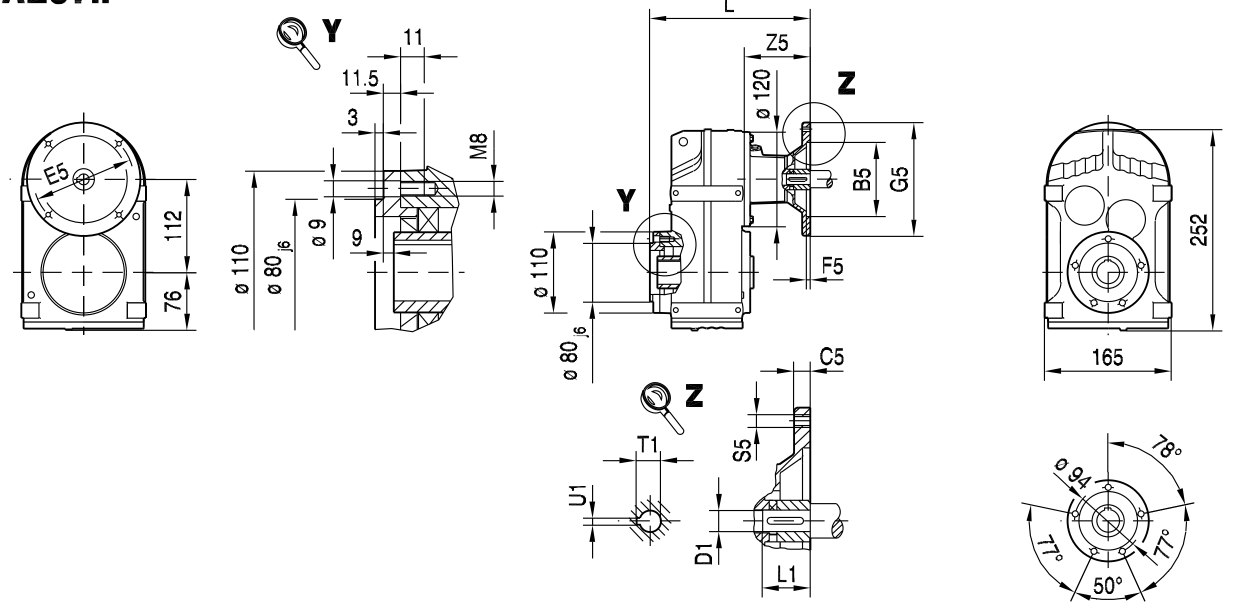
FV37..



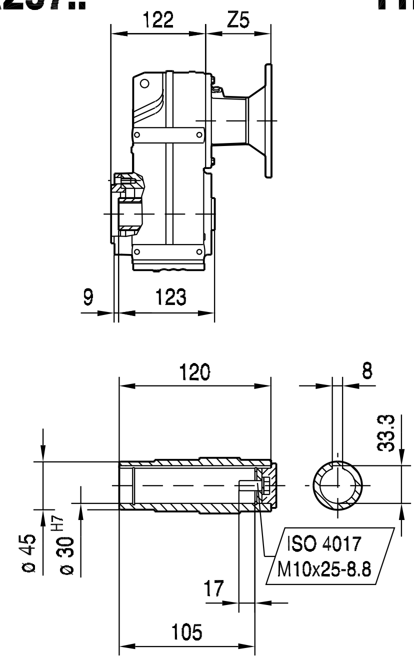
(→ 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1	
AM63	95	10	115	3.5	140	182	M8	72	11	23	12.8	4	
AM71	110	10	130	4.0	160	182	M8	72	14	30	16.3	5	
AM80	130	12	165	4.5	200	216	M10	106	19	40	21.8	6	
AM90	130	12	165	4.5	200	216	M10	106	24	50	27.3	8	

FAZ37..

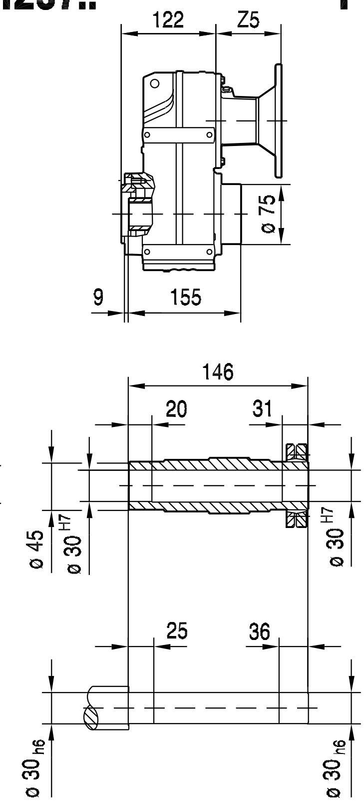
42 047 02 01



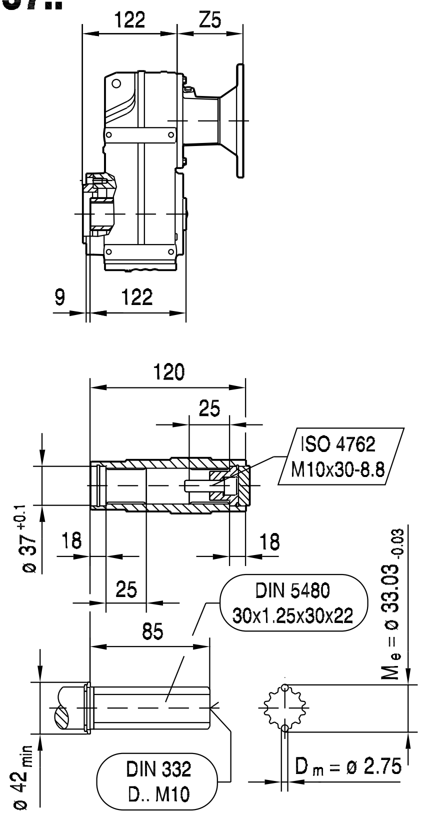
FAZ37..



FHZ37..



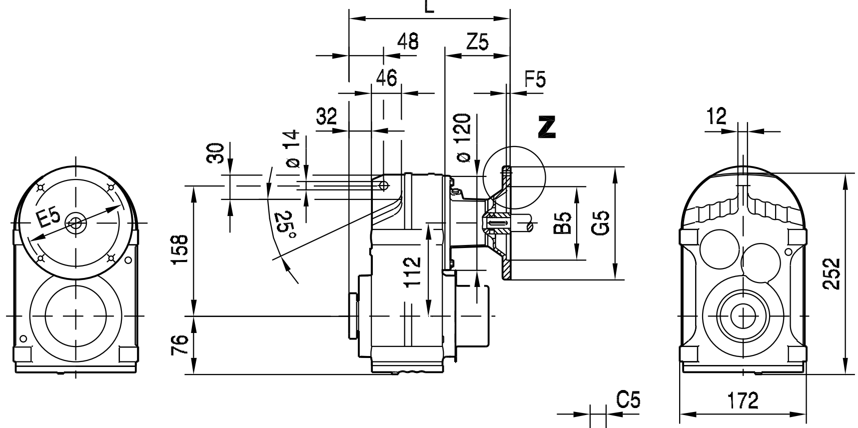
FVZ37..

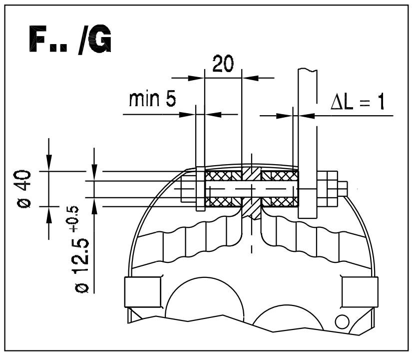


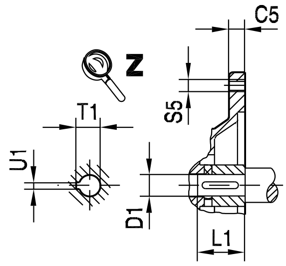
(→ 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1	
AM63	95	10	115	3.5	140	194	M8	72	11	23	12.8	4	
AM71	110	10	130	4.0	160	194	M8	72	14	30	16.3	5	
AM80	130	12	165	4.5	200	228	M10	106	19	40	21.8	6	
AM90	130	12	165	4.5	200	228	M10	106	24	50	27.3	8	

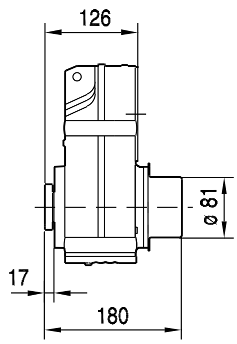
FT37..

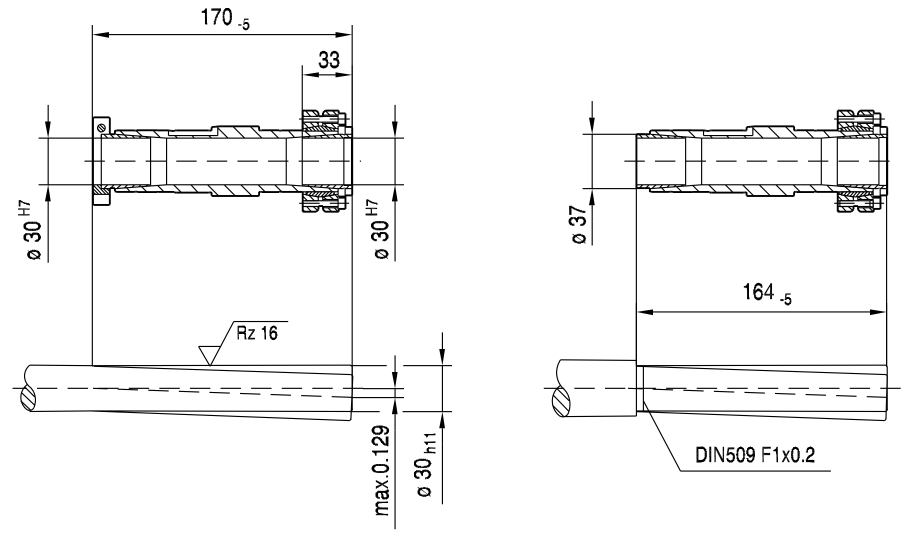
42 013 00 04



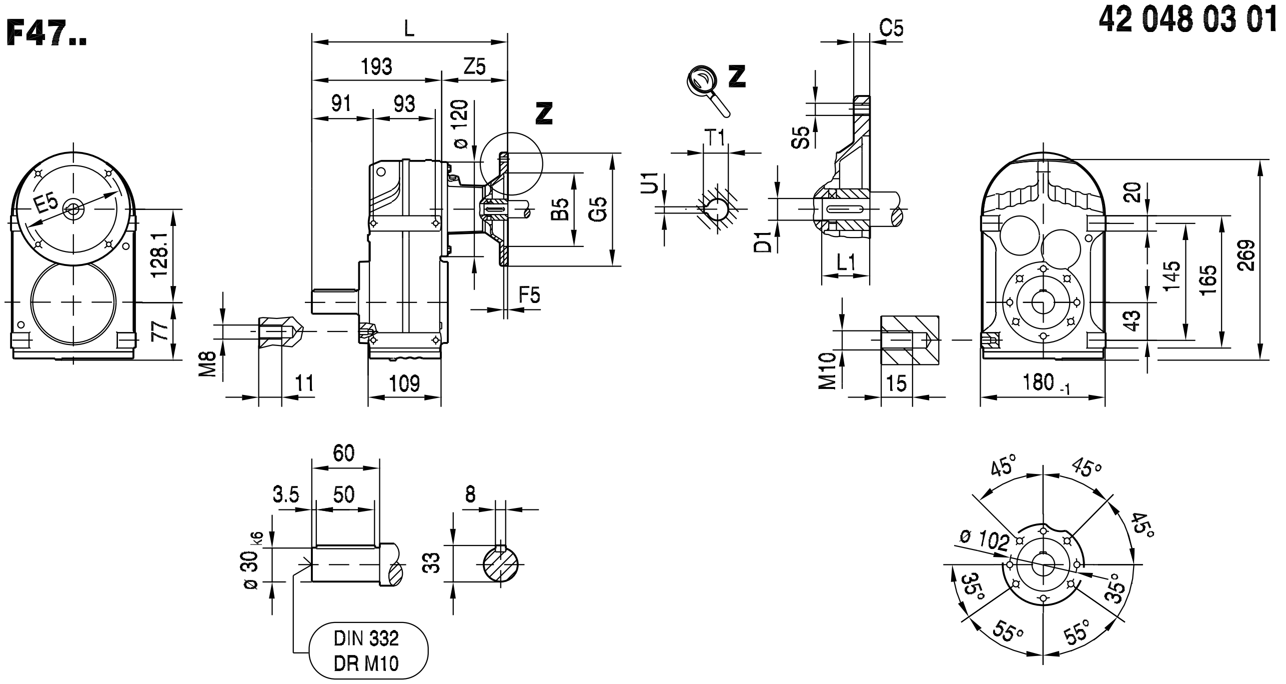


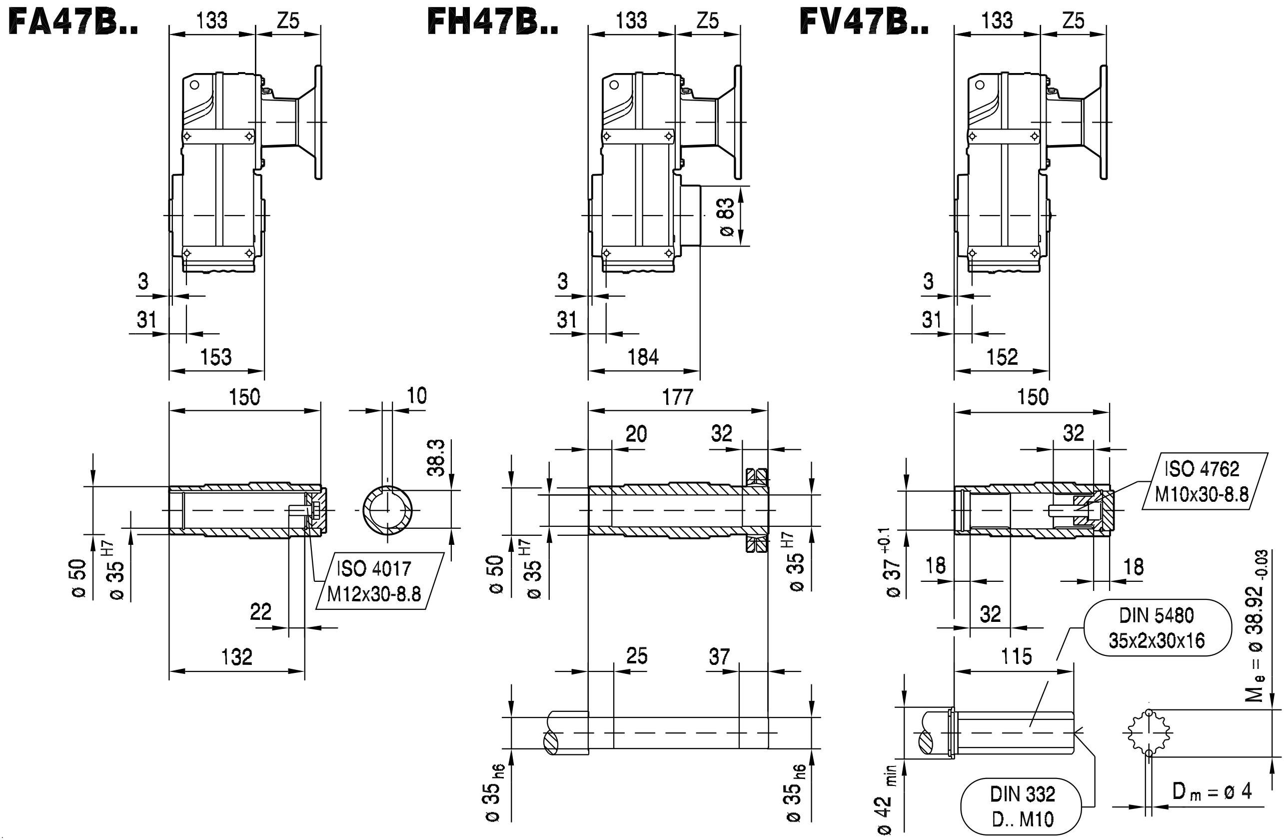






(→ 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1	
AM63	95	10	115	3.5	140	198	M8	72	11	23	12.8	4	
AM71	110	10	130	4.0	160	198	M8	72	14	30	16.3	5	
AM80	130	12	165	4.5	200	232	M10	106	19	40	21.8	6	
AM90	130	12	165	4.5	200	232	M10	106	24	50	27.3	8	

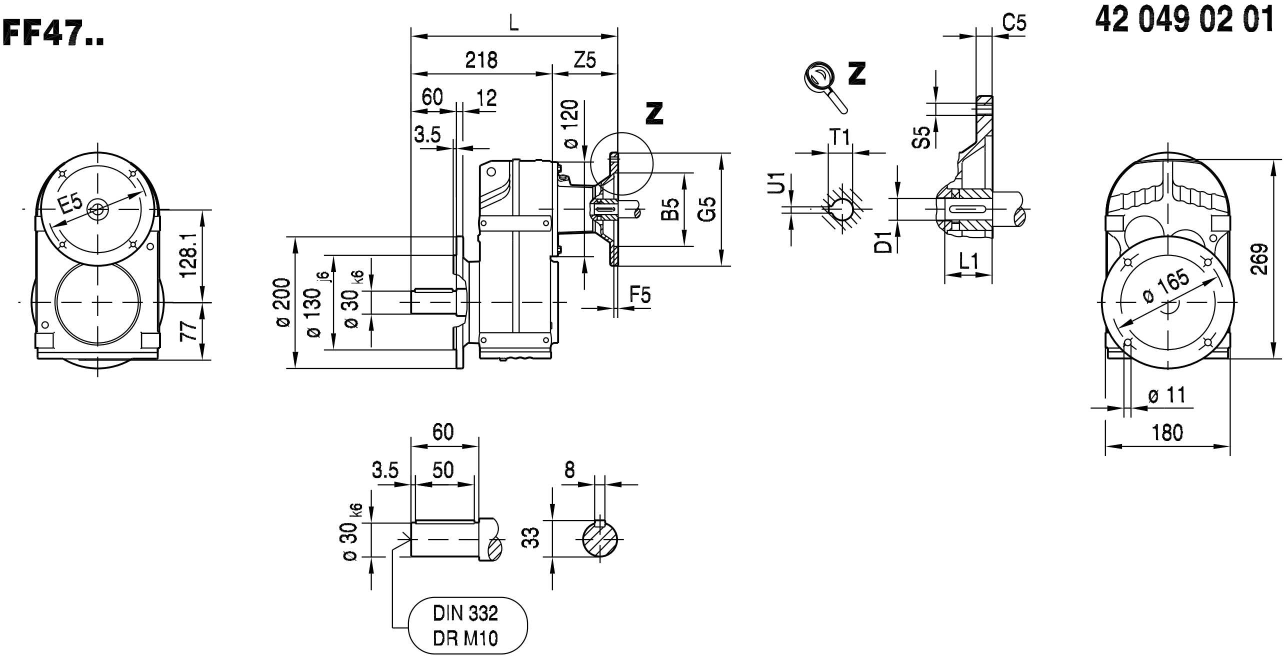




(→ 📖 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1	
AM63	95	10	115	3.5	140	265	M8	72	11	23	12.8	4	
AM71	110	10	130	4.0	160	265	M8	72	14	30	16.3	5	
AM80	130	12	165	4.5	200	299	M10	106	19	40	21.8	6	
AM90	130	12	165	4.5	200	299	M10	106	24	50	27.3	8	

42 049 02 01

FF47..



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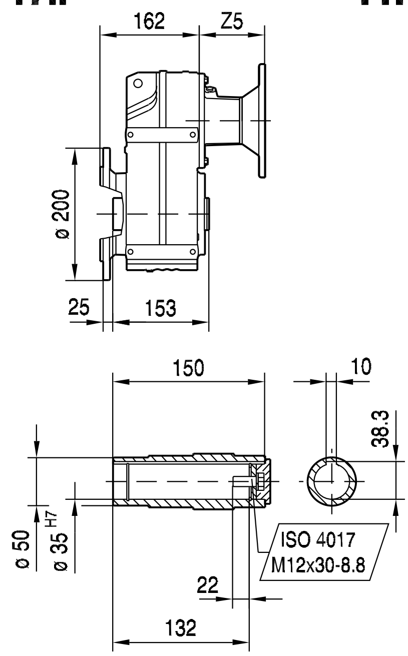
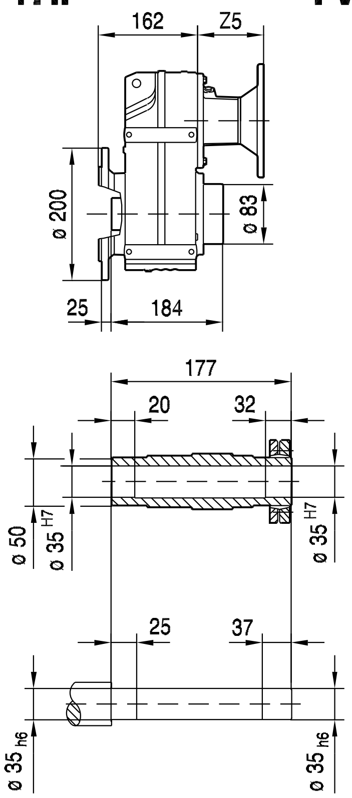
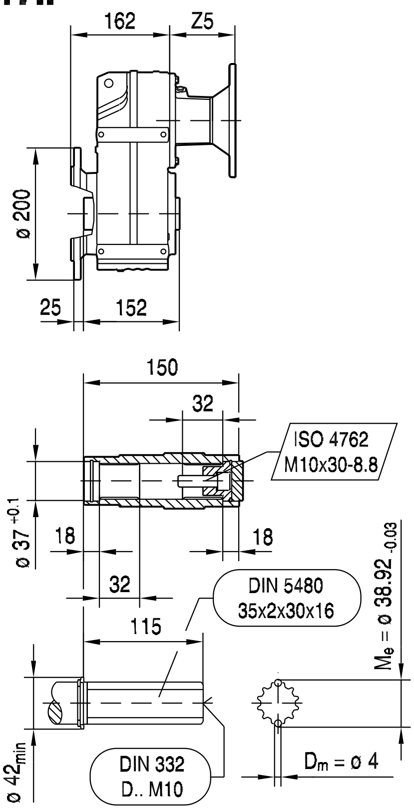
FAF47..



FHF47..



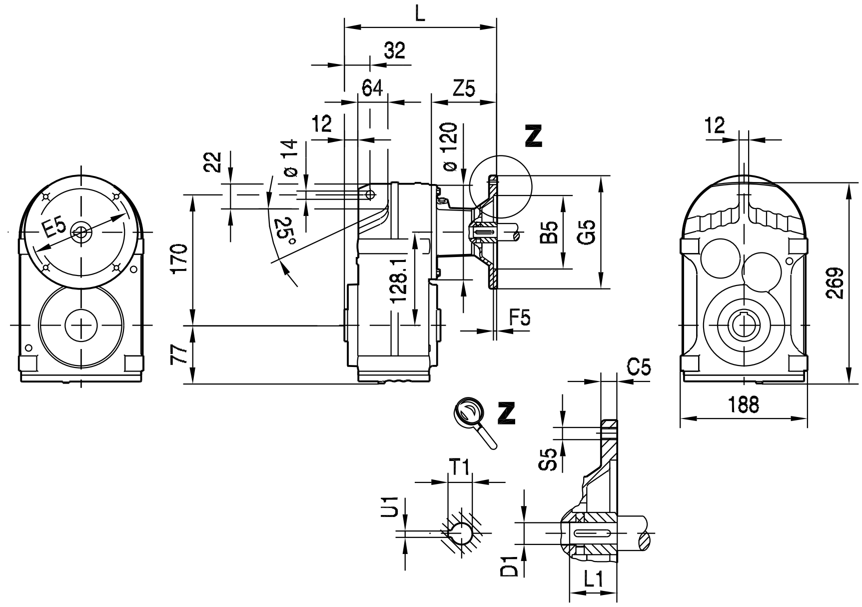
FVF47..

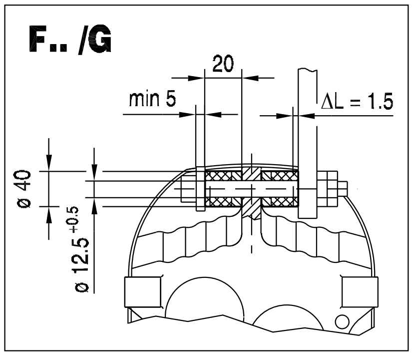


(→ 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1	
AM63	95	10	115	3.5	140	290	M8	72	11	23	12.8	4	
AM71	110	10	130	4.0	160	290	M8	72	14	30	16.3	5	
AM80	130	12	165	4.5	200	324	M10	106	19	40	21.8	6	
AM90	130	12	165	4.5	200	324	M10	106	24	50	27.3	8	

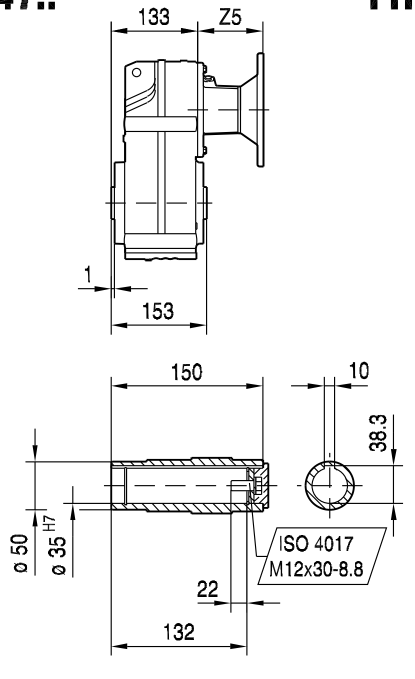
FA47..

42 050 02 01

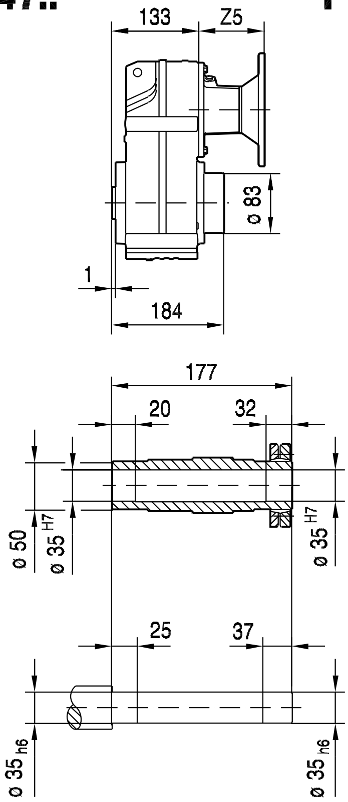




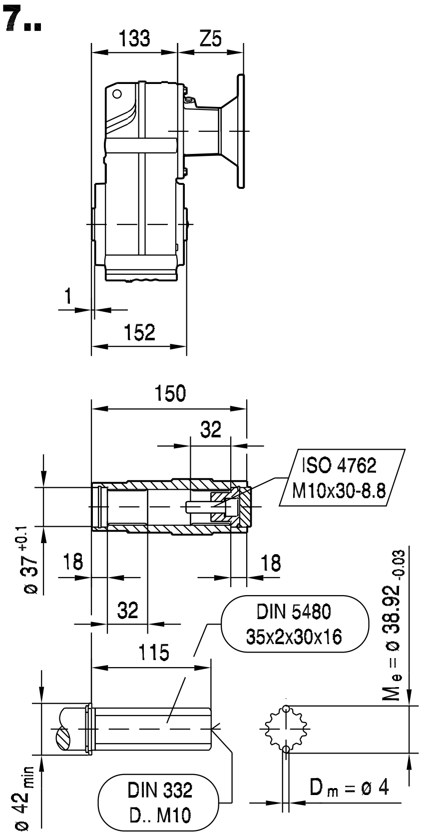
FA47..



FH47..



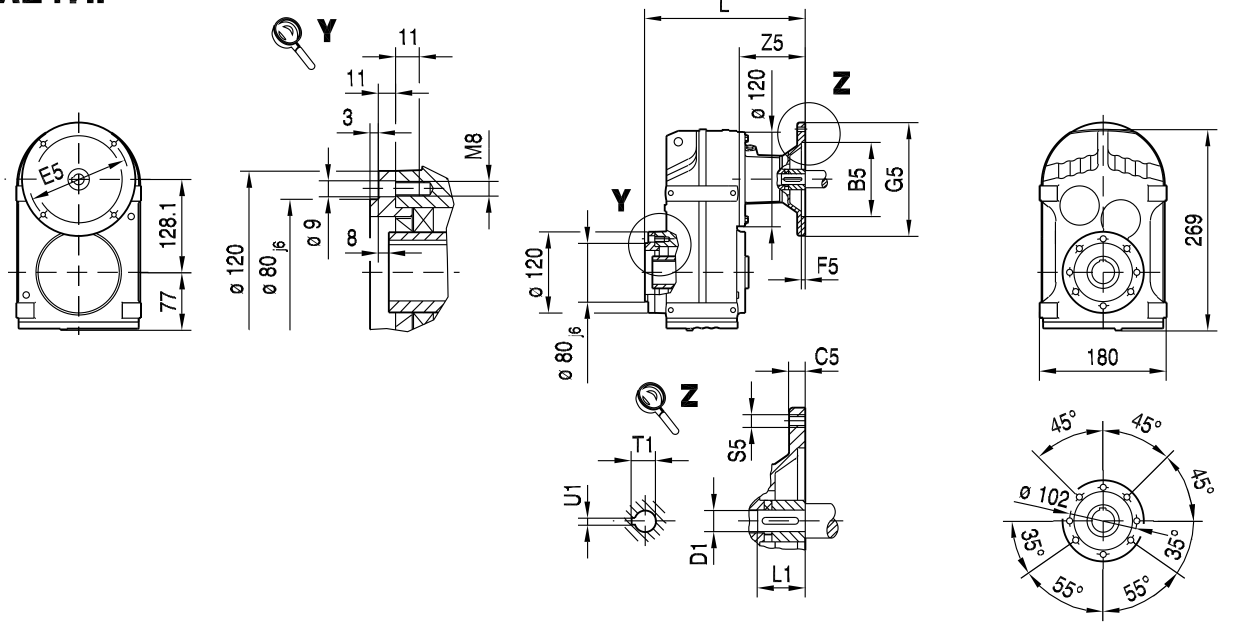
FV47..



(→ 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1	
AM63	95	10	115	3.5	140	205	M8	72	11	23	12.8	4	
AM71	110	10	130	4.0	160	205	M8	72	14	30	16.3	5	
AM80	130	12	165	4.5	200	239	M10	106	19	40	21.8	6	
AM90	130	12	165	4.5	200	239	M10	106	24	50	27.3	8	

FAZ47..

42 051 02 01



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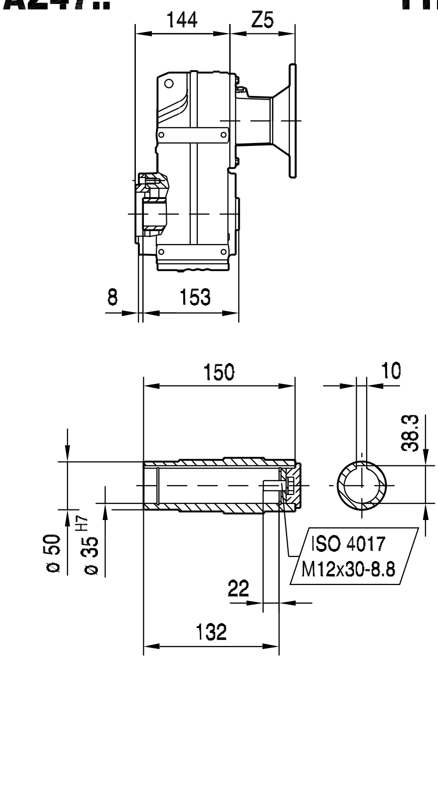
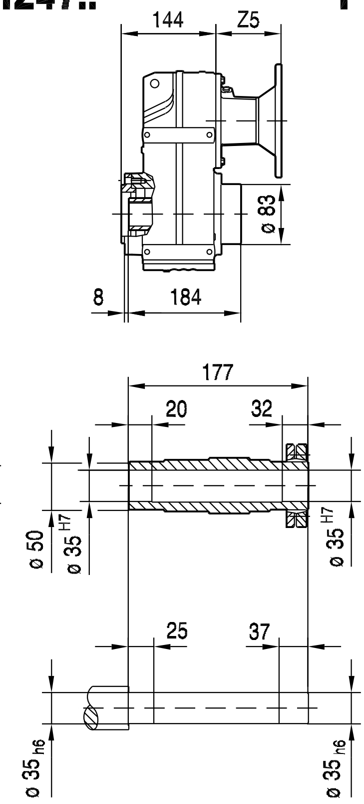
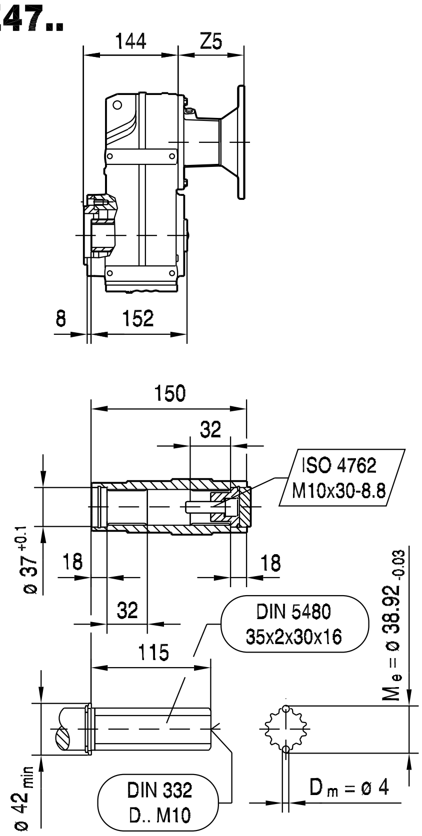
FAZ47..



FHZ47..



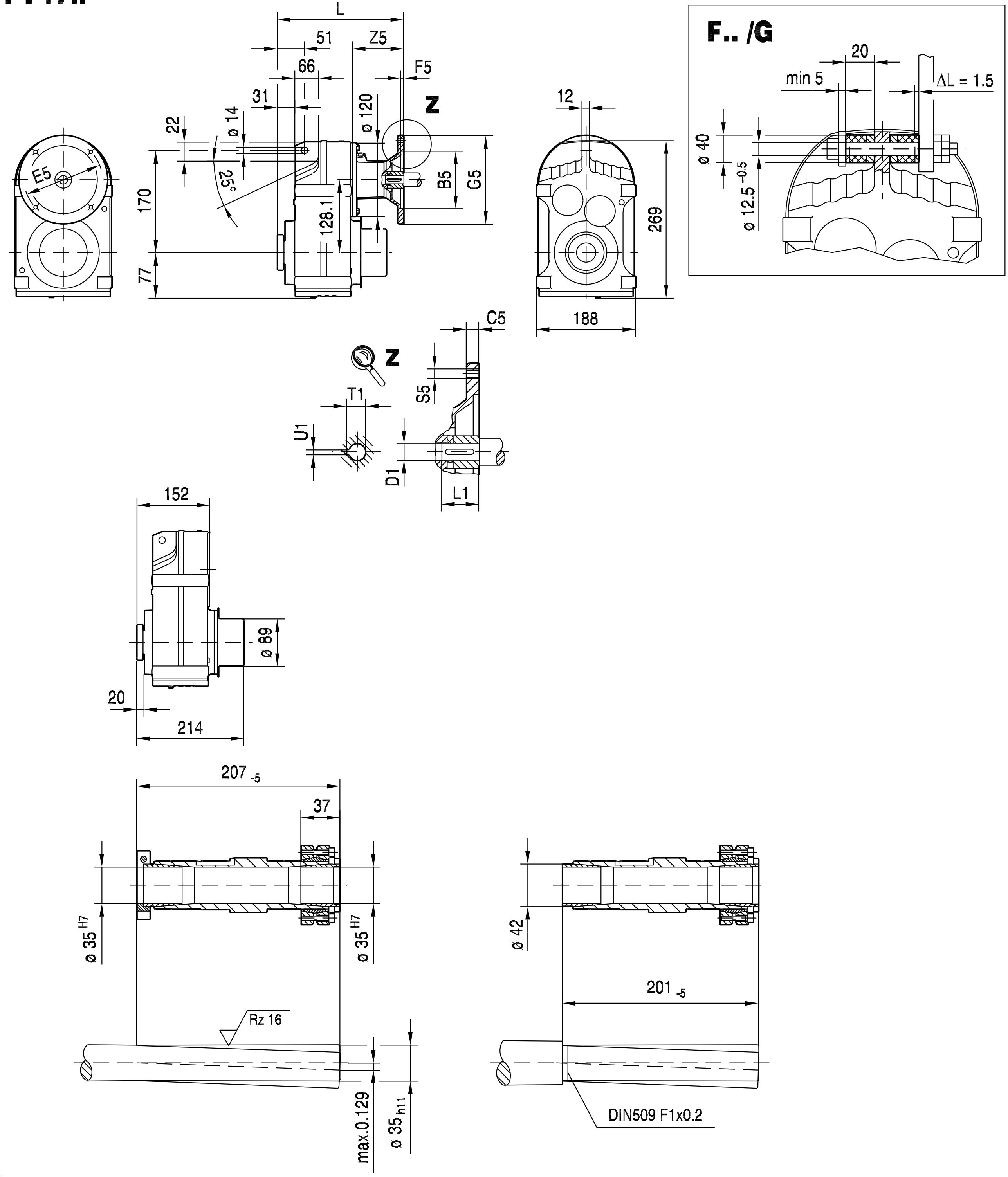
FVZ47..



(→ 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1	
AM63	95	10	115	3.5	140	216	M8	72	11	23	12.8	4	
AM71	110	10	130	4.0	160	216	M8	72	14	30	16.3	5	
AM80	130	12	165	4.5	200	250	M10	106	19	40	21.8	6	
AM90	130	12	165	4.5	200	250	M10	106	24	50	27.3	8	

FT47..

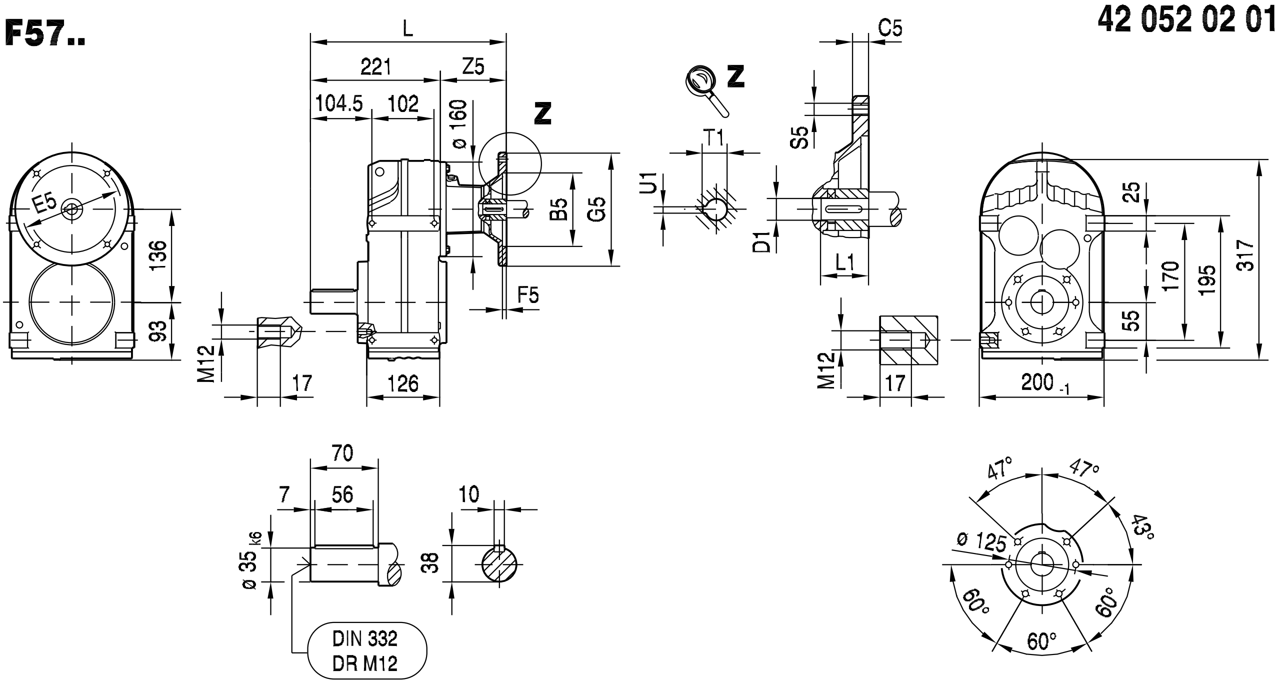
42 014 00 04



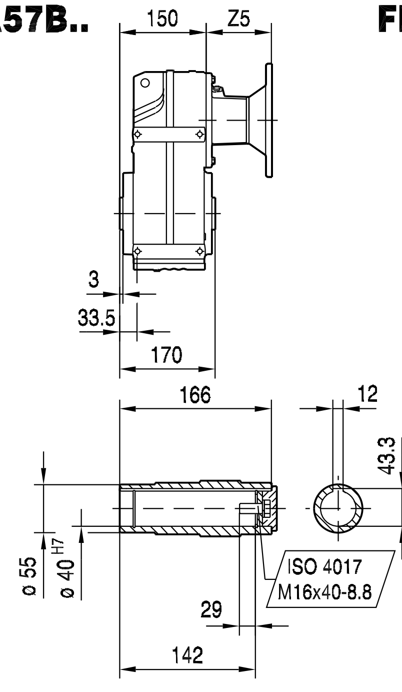
(→ 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1	
AM63	95	10	115	3.5	140	223	M8	72	11	23	12.8	4	
AM71	110	10	130	4.0	160	223	M8	72	14	30	16.3	5	
AM80	130	12	165	4.5	200	257	M10	106	19	40	21.8	6	
AM90	130	12	165	4.5	200	257	M10	106	24	50	27.3	8	

F57..

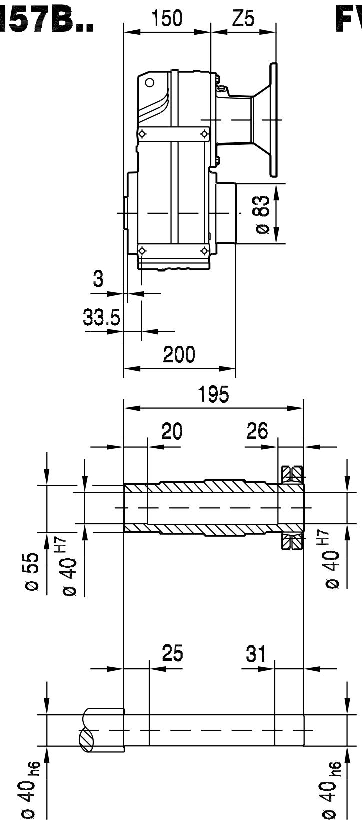
42 052 02 01



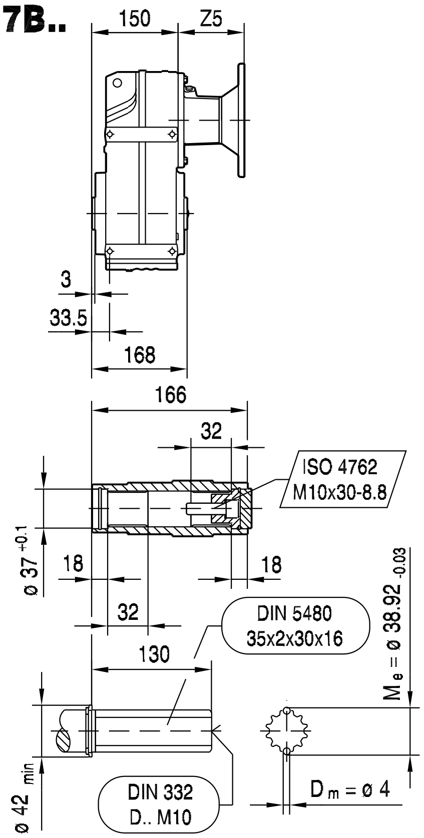
FA57B..



FH57B..



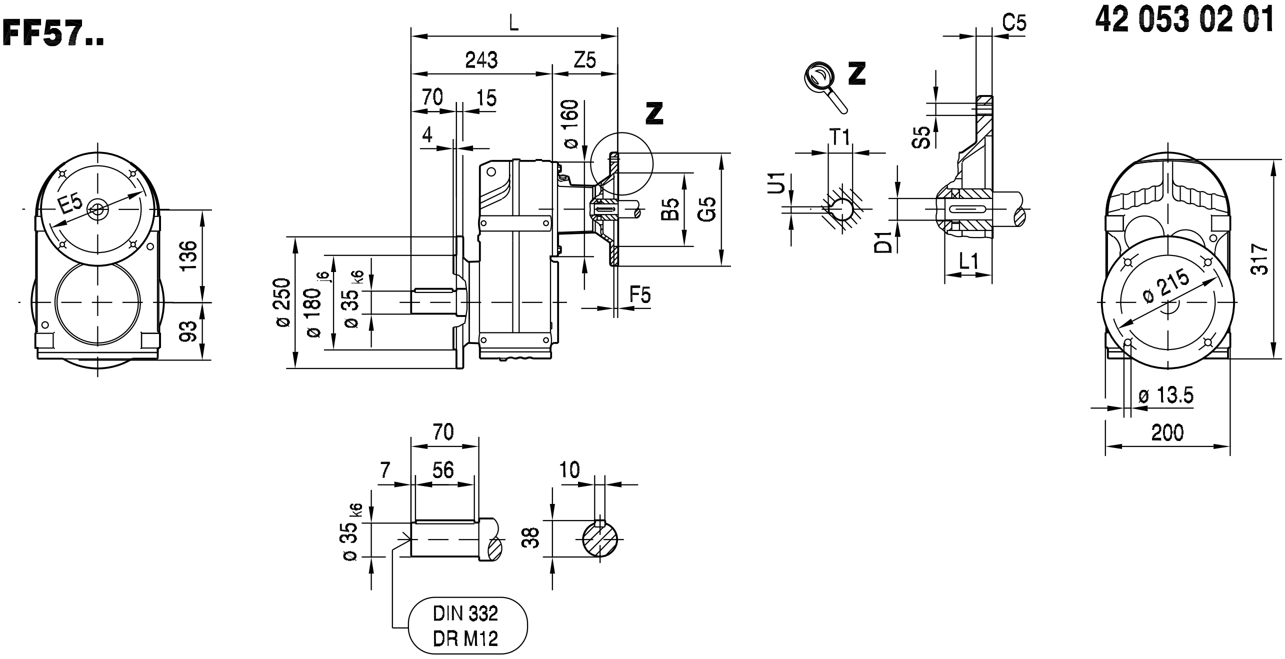
FV57B..



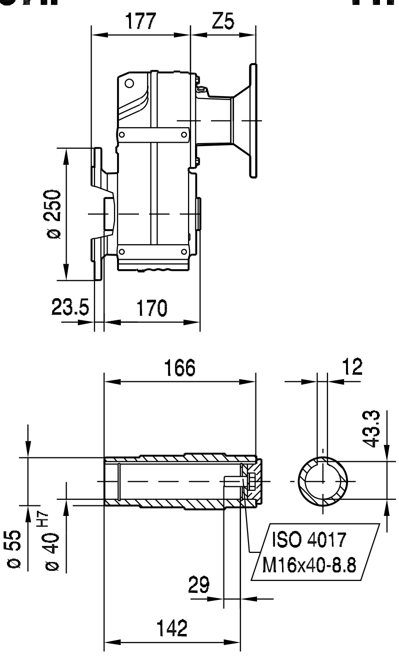
(→ 📖 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1	
AM63	95	10	115	3.5	140	287	M8	66	11	23	12.8	4	
AM71	110	10	130	4.0	160	287	M8	66	14	30	16.3	5	
AM80	130	12	165	4.5	200	320	M10	99	19	40	21.8	6	
AM90	130	12	165	4.5	200	320	M10	99	24	50	27.3	8	
AM100	180	15	215	5.0	250	355	M12	134	28	60	31.3	8	
AM112	180	15	215	5.0	250	355	M12	134	28	60	31.3	8	
AM132S/M	230	16	265	5.0	300	412	M12	191	38	80	41.3	10	

FF57..

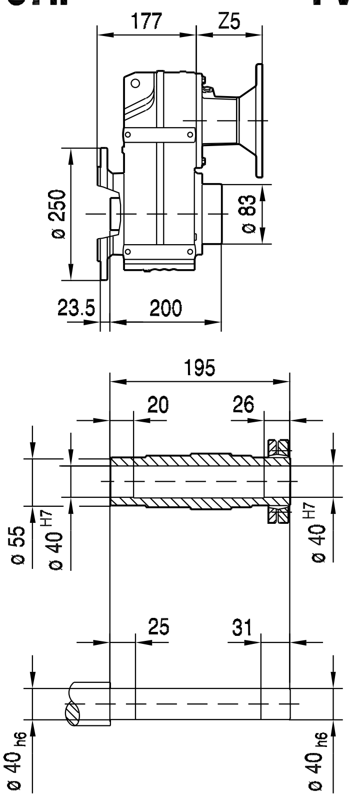
42 053 02 01



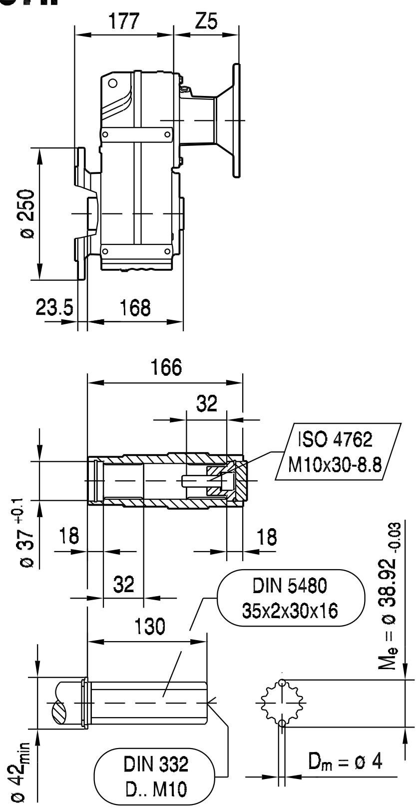
FAF57..



FHF57..



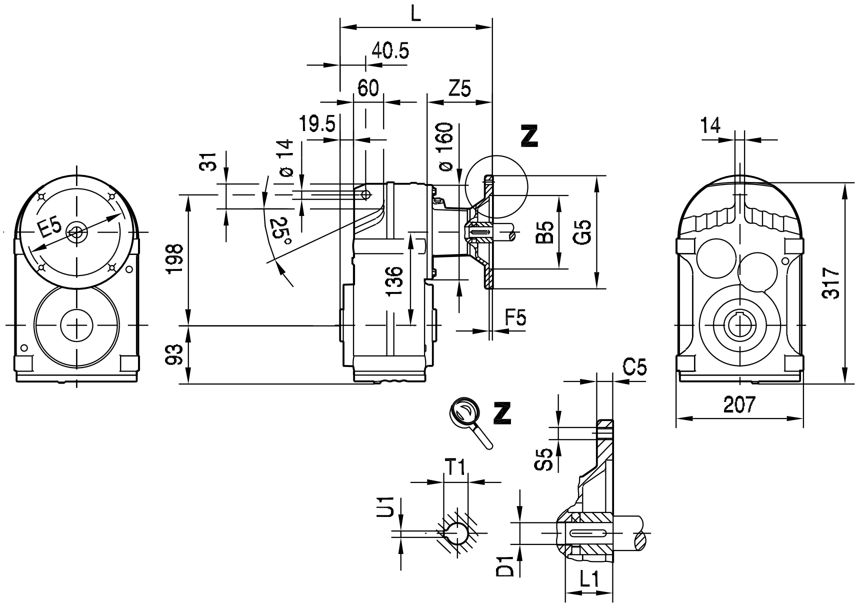
FVF57..

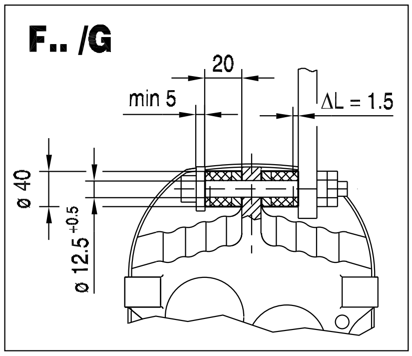


(→ 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1	
AM63	95	10	115	3.5	140	309	M8	66	11	23	12.8	4	
AM71	110	10	130	4.0	160	309	M8	66	14	30	16.3	5	
AM80	130	12	165	4.5	200	342	M10	99	19	40	21.8	6	
AM90	130	12	165	4.5	200	342	M10	99	24	50	27.3	8	
AM100	180	15	215	5.0	250	377	M12	134	28	60	31.3	8	
AM112	180	15	215	5.0	250	377	M12	134	28	60	31.3	8	
AM132S/M	230	16	265	5.0	300	434	M12	191	38	80	41.3	10	

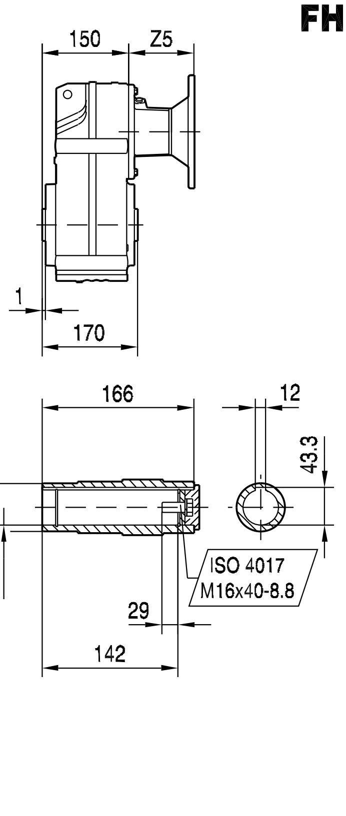
FA57..

42 054 02 01

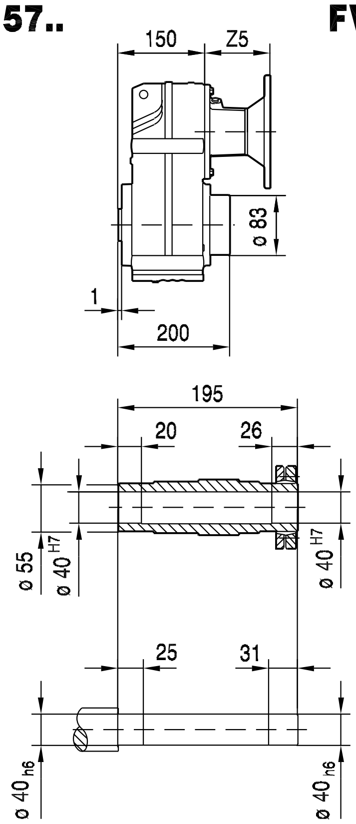




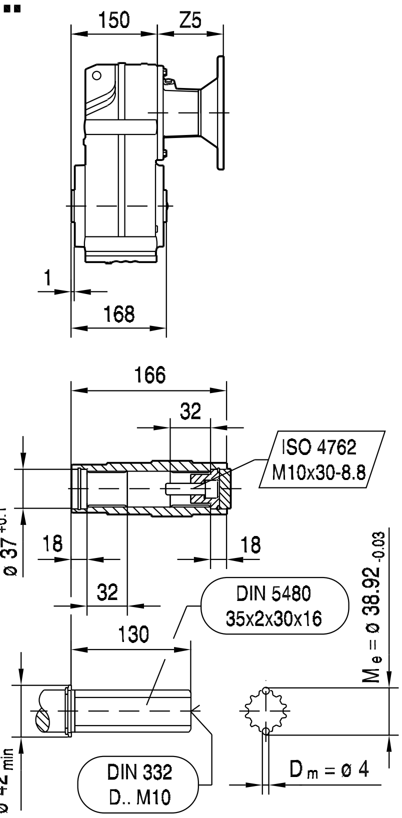
FA57..



FH57..



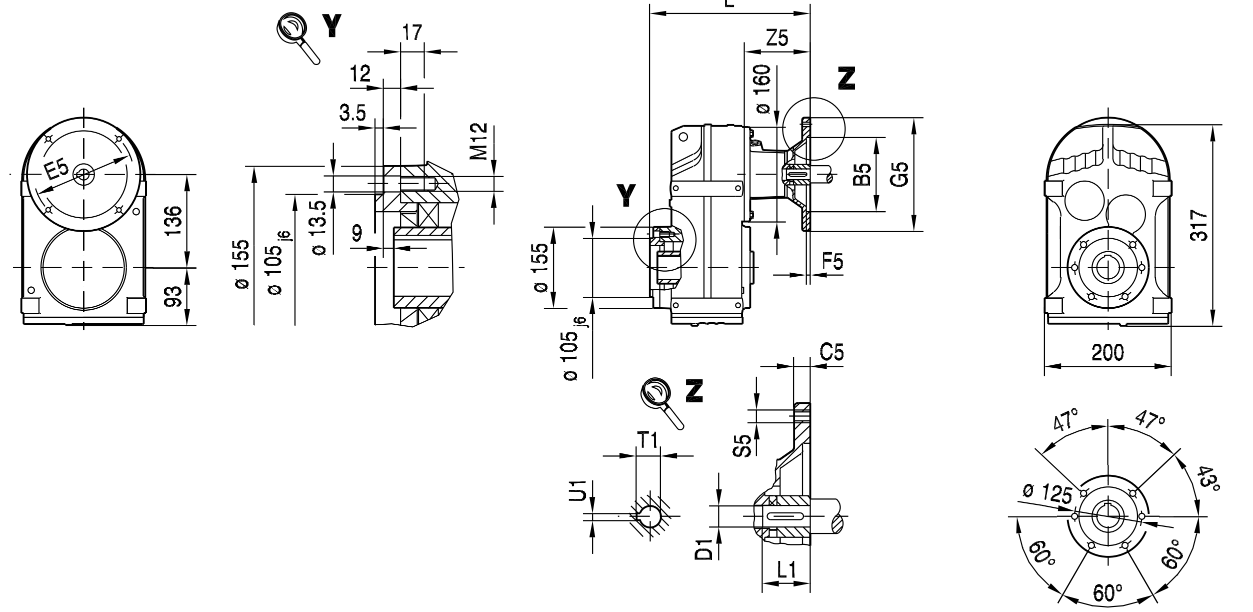
FV57..



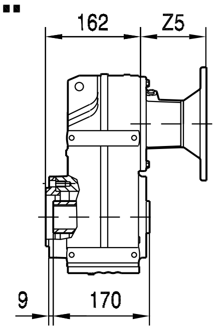
(→ 📖 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1
AM63	95	10	115	3.5	140	216	M8	66	11	23	12.8	4
AM71	110	10	130	4.0	160	216	M8	66	14	30	16.3	5
AM80	130	12	165	4.5	200	249	M10	99	19	40	21.8	6
AM90	130	12	165	4.5	200	249	M10	99	24	50	27.3	8
AM100	180	15	215	5.0	250	284	M12	134	28	60	31.3	8
AM112	180	15	215	5.0	250	284	M12	134	28	60	31.3	8
AM132S/M	230	16	265	5.0	300	341	M12	191	38	80	41.3	10

FAZ57..

42 055 02 01



FAZ57..



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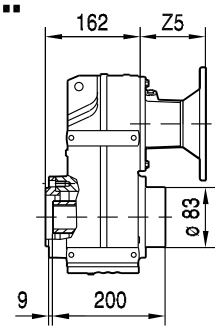
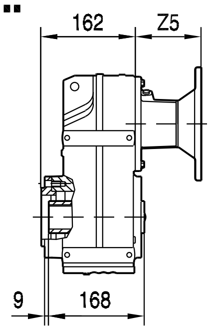
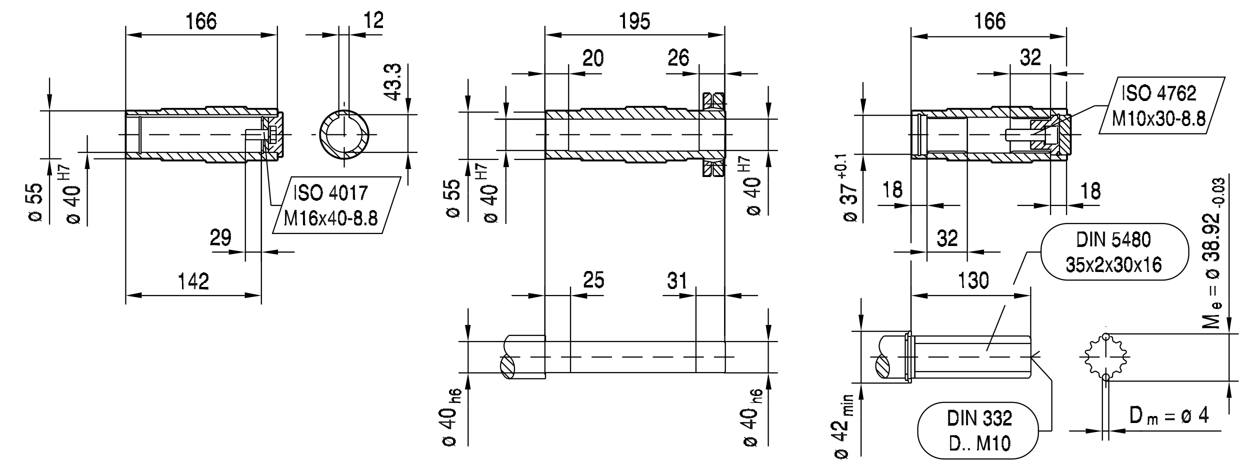


FVZ57..

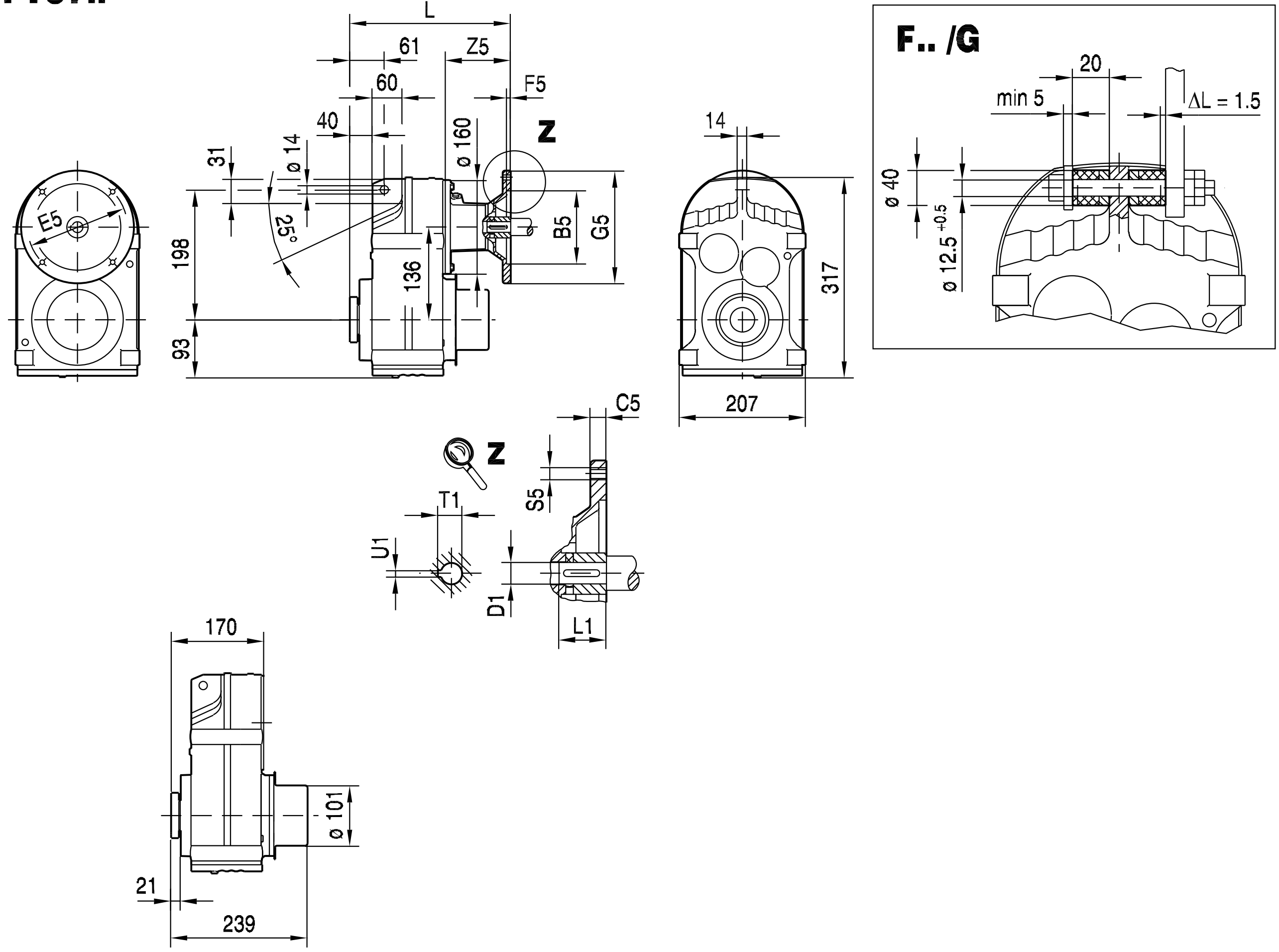


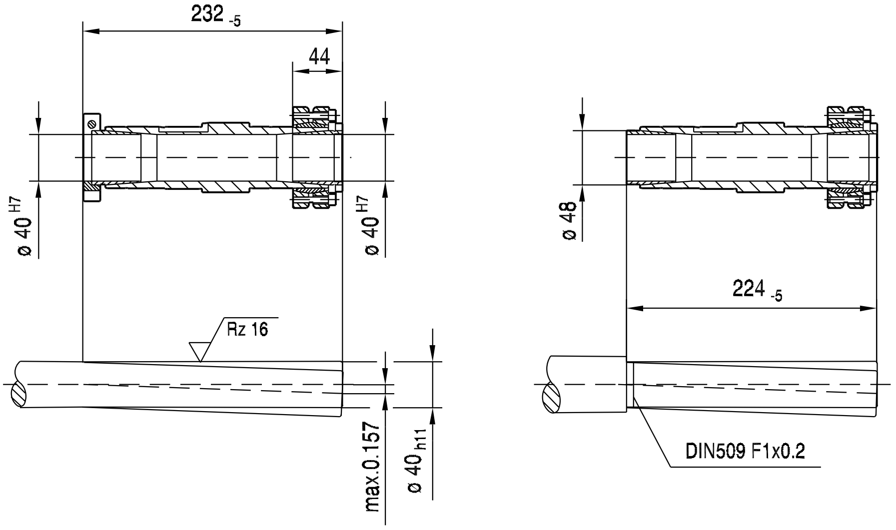


(→ 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1	
AM63	95	10	115	3.5	140	228	M8	66	11	23	12.8	4	
AM71	110	10	130	4.0	160	228	M8	66	14	30	16.3	5	
AM80	130	12	165	4.5	200	261	M10	99	19	40	21.8	6	
AM90	130	12	165	4.5	200	261	M10	99	24	50	27.3	8	
AM100	180	15	215	5.0	250	296	M12	134	28	60	31.3	8	
AM112	180	15	215	5.0	250	296	M12	134	28	60	31.3	8	
AM132S/M	230	16	265	5.0	300	353	M12	191	38	80	41.3	10	

FT57..

42 015 00 04





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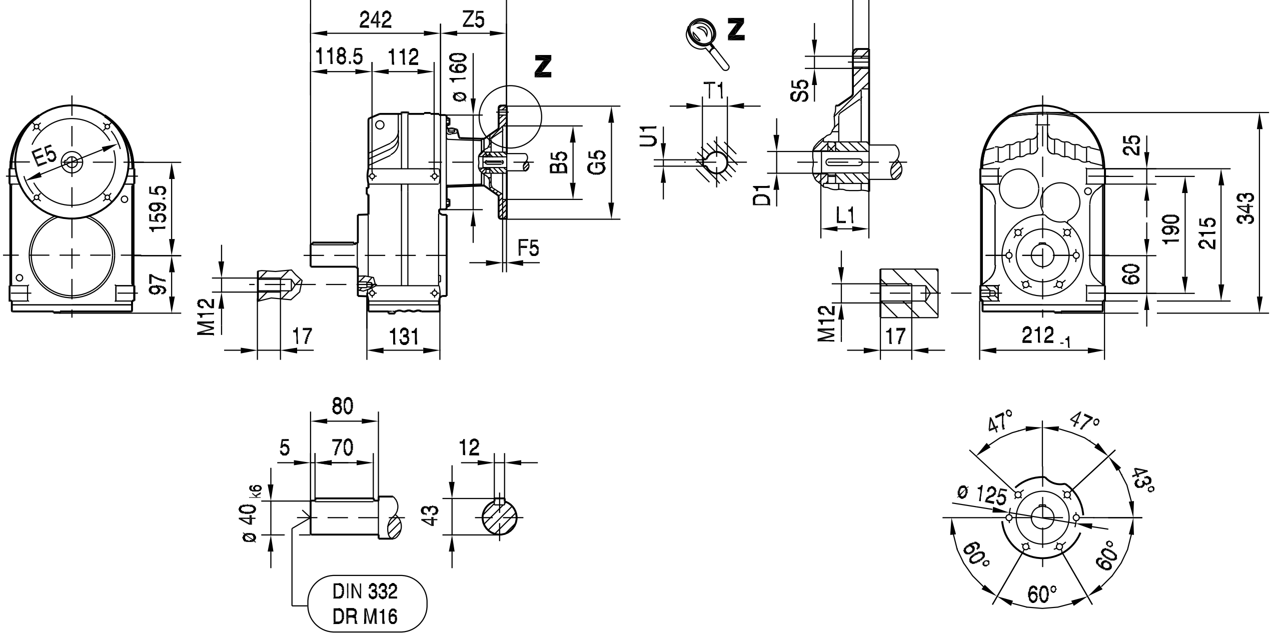
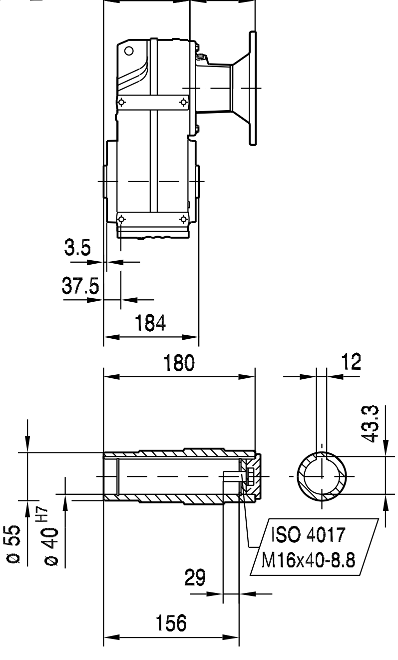
(→ 📖 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1	
AM63	95	10	115	3.5	140	235	M8	66	11	23	12.8	4	
AM71	110	10	130	4.0	160	235	M8	66	14	30	16.3	5	
AM80	130	12	165	4.5	200	268	M10	99	19	40	21.8	6	
AM90	130	12	165	4.5	200	268	M10	99	24	50	27.3	8	
AM100	180	15	215	5.0	250	303	M12	134	28	60	31.3	8	
AM112	180	15	215	5.0	250	303	M12	134	28	60	31.3	8	
AM132S/M	230	16	265	5.0	300	360	M12	191	38	80	41.3	10	

F67..

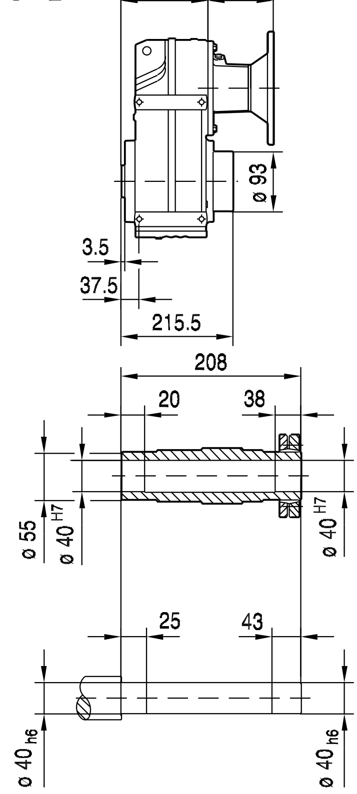
42 056 02 01



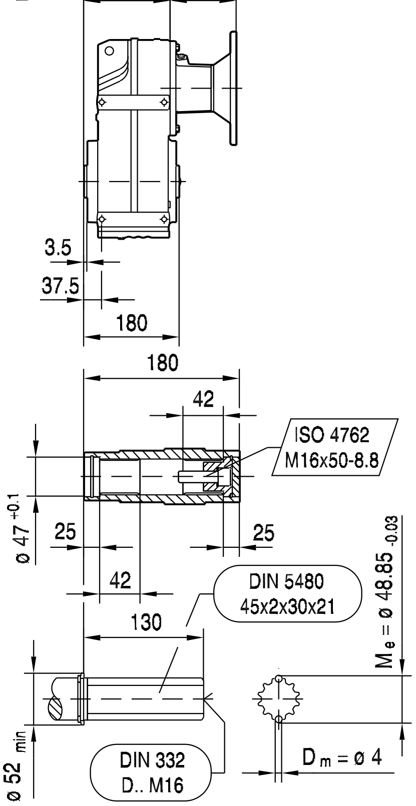
FA67B..



FH67B..



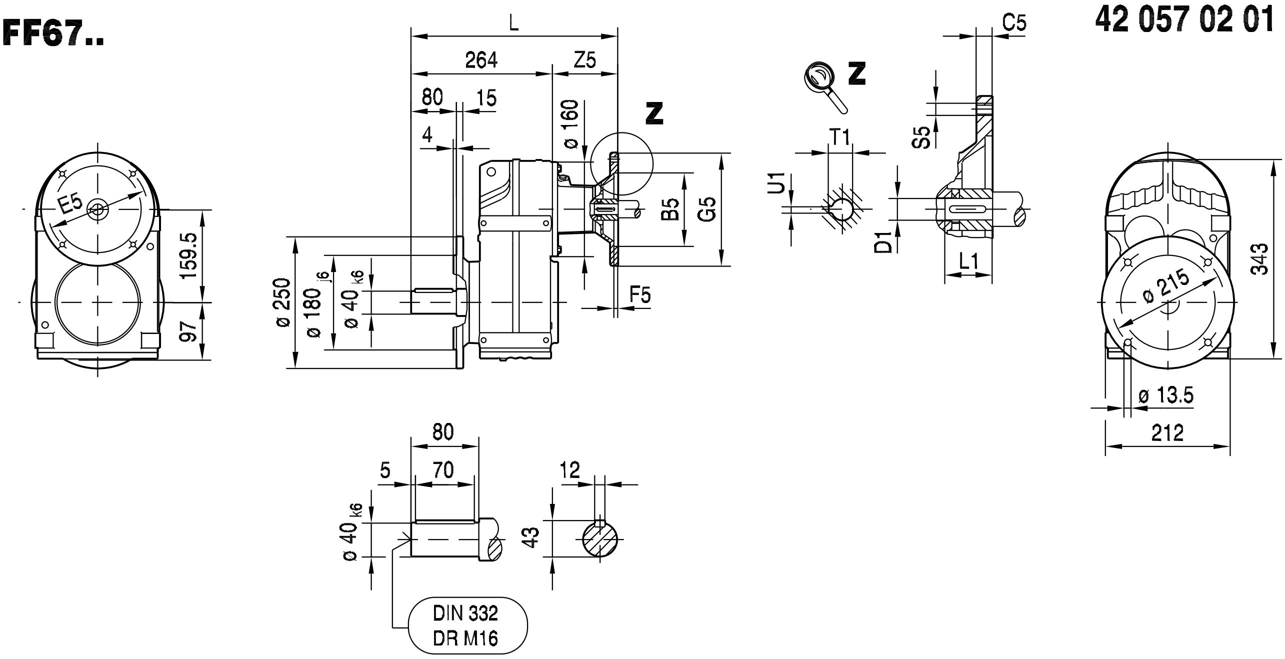
FV67B..



(→ 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1	
AM63	95	10	115	3.5	140	308	M8	66	11	23	12.8	4	
AM71	110	10	130	4.0	160	308	M8	66	14	30	16.3	5	
AM80	130	12	165	4.5	200	341	M10	99	19	40	21.8	6	
AM90	130	12	165	4.5	200	341	M10	99	24	50	27.3	8	
AM100	180	15	215	5.0	250	376	M12	134	28	60	31.3	8	
AM112	180	15	215	5.0	250	376	M12	134	28	60	31.3	8	
AM132S/M	230	16	265	5.0	300	433	M12	191	38	80	41.3	10	

FF67..

42 057 02 01



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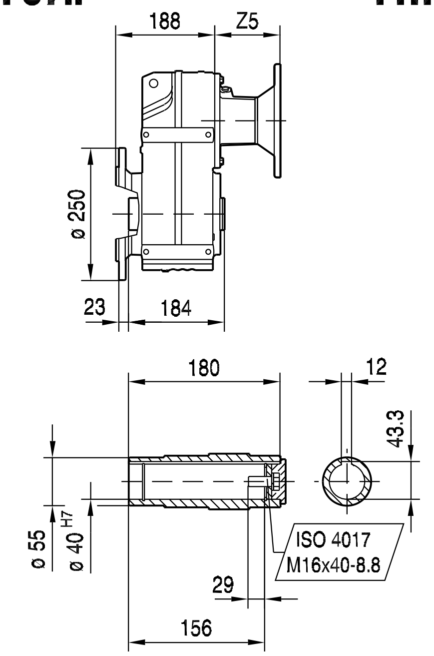
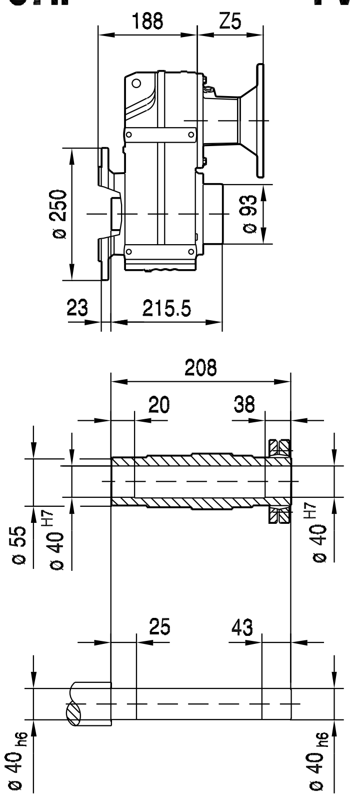
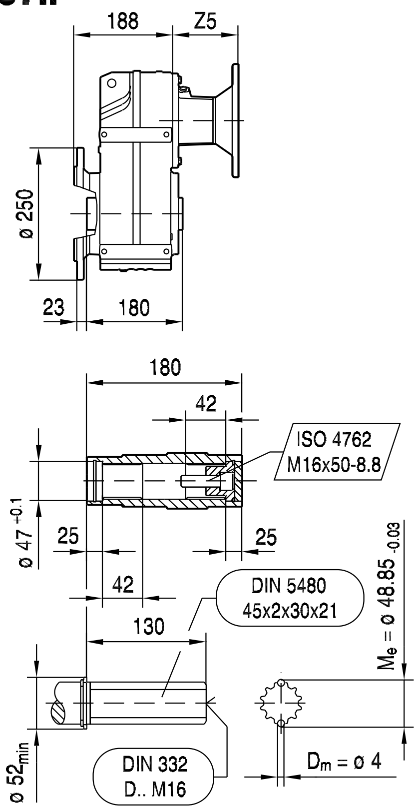


FHF67..



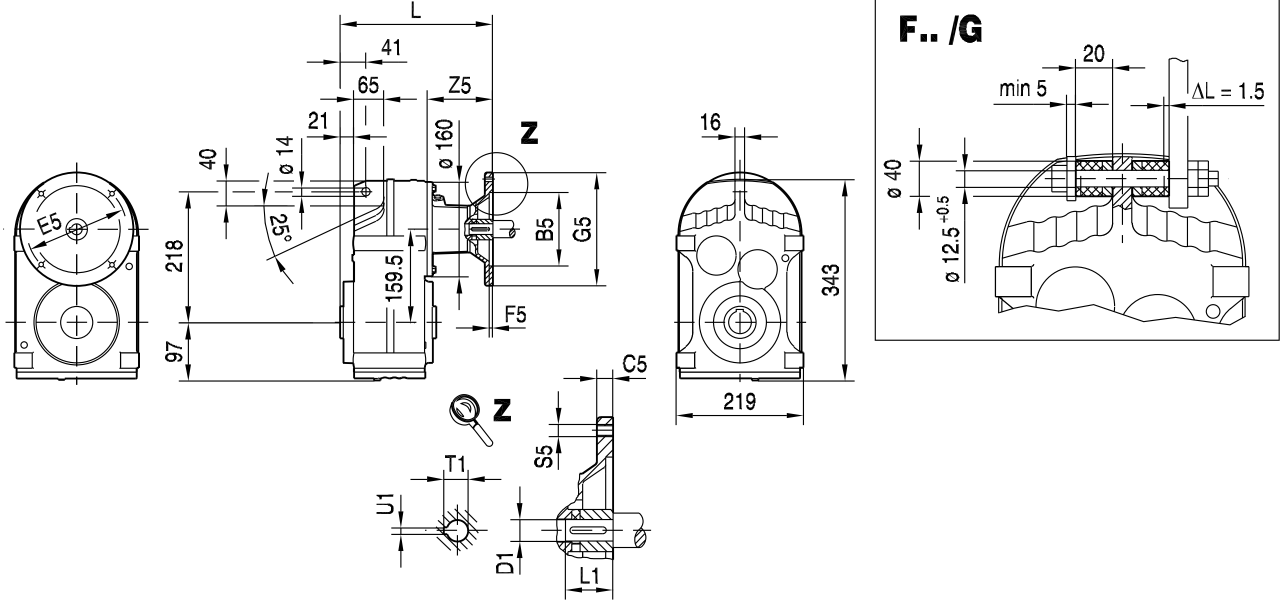
FVF67..



(→ 📖 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1	
AM63	95	10	115	3.5	140	330	M8	66	11	23	12.8	4	
AM71	110	10	130	4.0	160	330	M8	66	14	30	16.3	5	
AM80	130	12	165	4.5	200	363	M10	99	19	40	21.8	6	
AM90	130	12	165	4.5	200	363	M10	99	24	50	27.3	8	
AM100	180	15	215	5.0	250	398	M12	134	28	60	31.3	8	
AM112	180	15	215	5.0	250	398	M12	134	28	60	31.3	8	
AM132S/M	230	16	265	5.0	300	455	M12	191	38	80	41.3	10	

FA67..

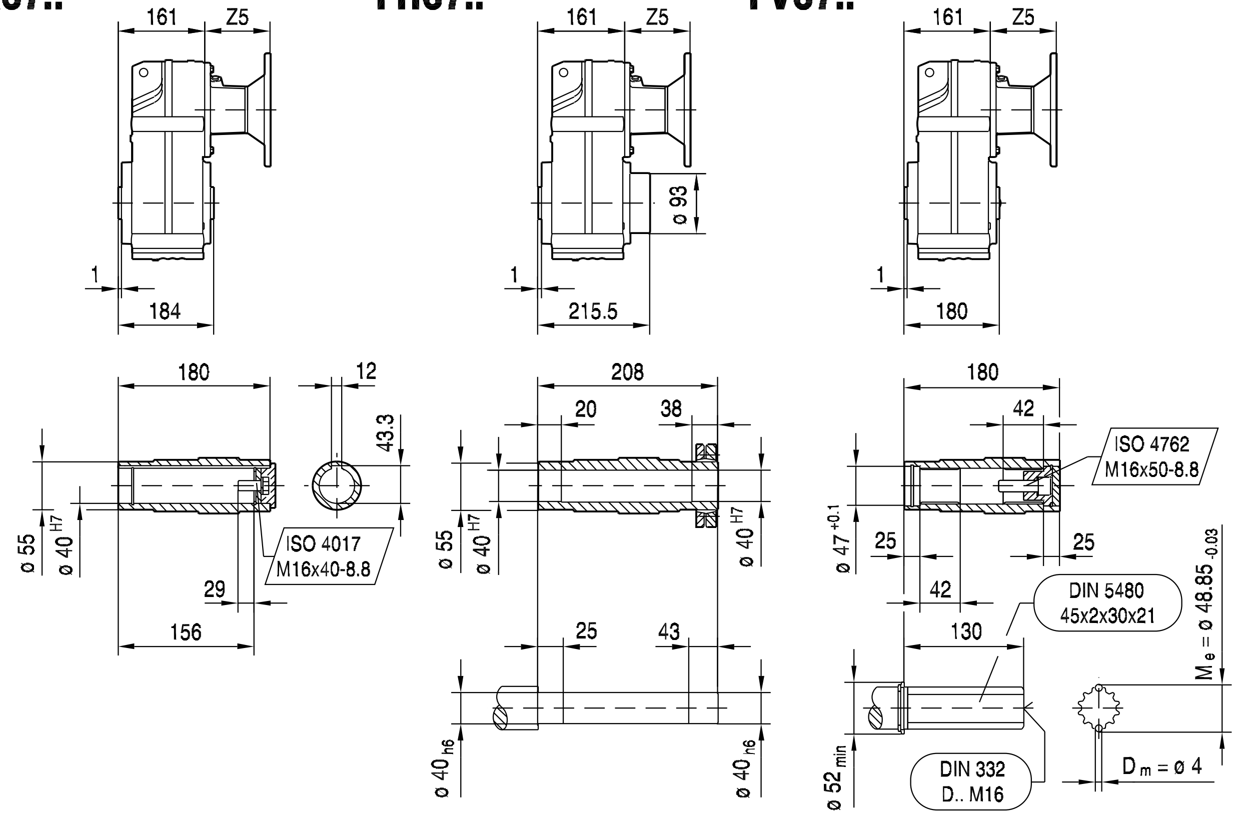
42 058 02 01



FA67..

FH67..

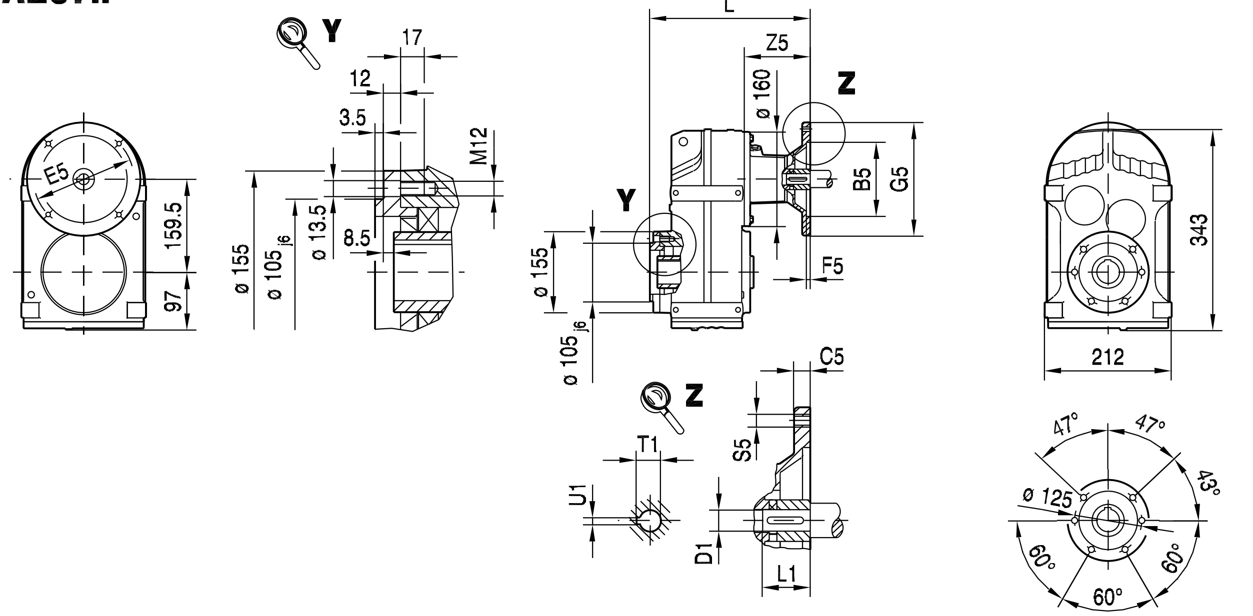
FV67..



(→ 📖 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1	
AM63	95	10	115	3.5	140	227	M8	66	11	23	12.8	4	
AM71	110	10	130	4.0	160	227	M8	66	14	30	16.3	5	
AM80	130	12	165	4.5	200	260	M10	99	19	40	21.8	6	
AM90	130	12	165	4.5	200	260	M10	99	24	50	27.3	8	
AM100	180	15	215	5.0	250	295	M12	134	28	60	31.3	8	
AM112	180	15	215	5.0	250	295	M12	134	28	60	31.3	8	
AM132S/M	230	16	265	5.0	300	352	M12	191	38	80	41.3	10	

FAZ67..

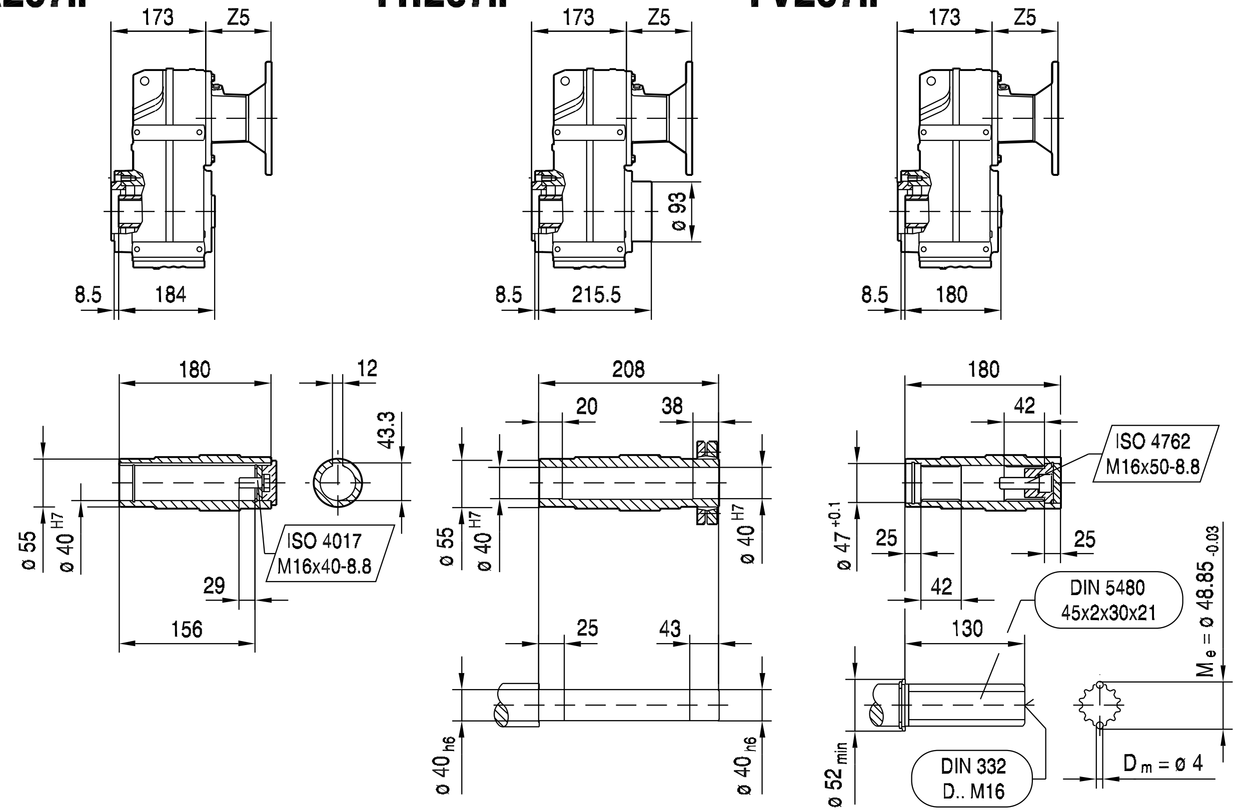
42 059 02 01



FAZ67..

FHZ67..

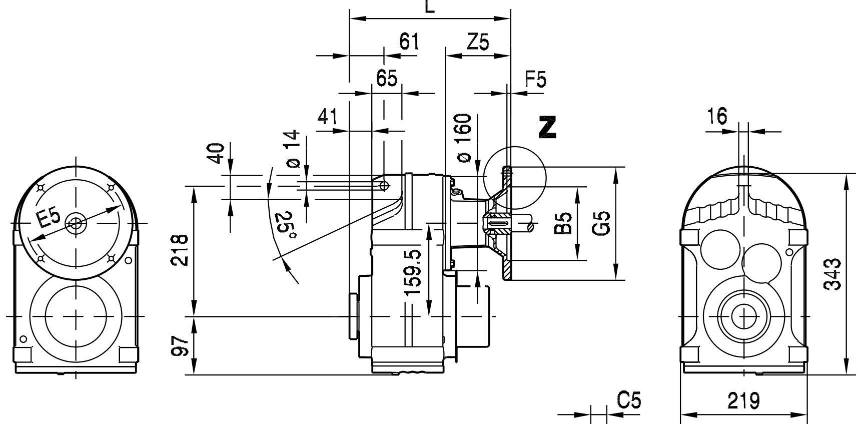
FVZ67..

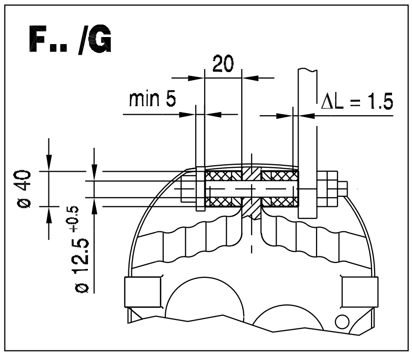


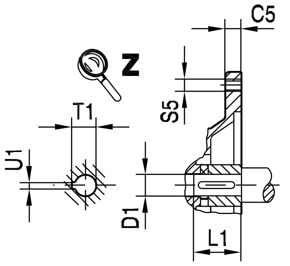
(→ 📖 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1
AM63	95	10	115	3.5	140	239	M8	66	11	23	12.8	4
AM71	110	10	130	4.0	160	239	M8	66	14	30	16.3	5
AM80	130	12	165	4.5	200	272	M10	99	19	40	21.8	6
AM90	130	12	165	4.5	200	272	M10	99	24	50	27.3	8
AM100	180	15	215	5.0	250	307	M12	134	28	60	31.3	8
AM112	180	15	215	5.0	250	307	M12	134	28	60	31.3	8
AM132S/M	230	16	265	5.0	300	364	M12	191	38	80	41.3	10

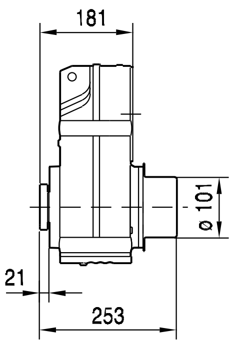
FT67..

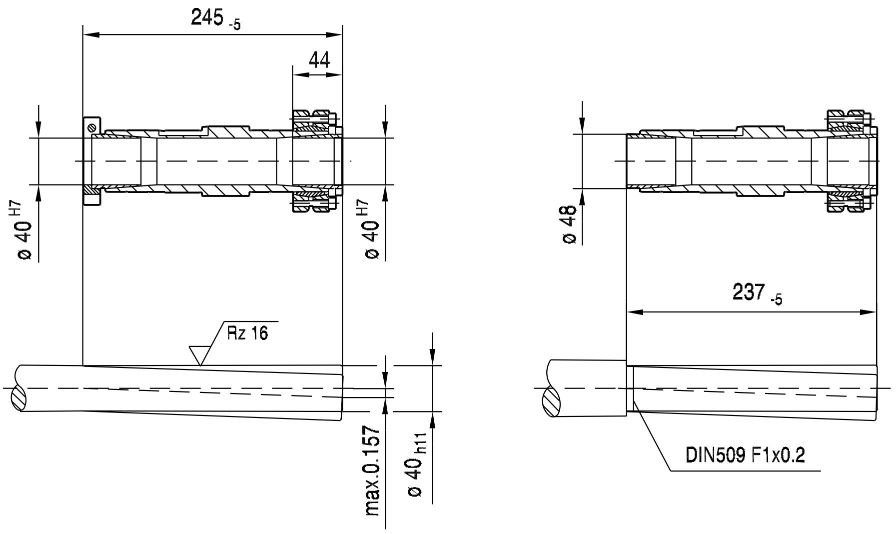
42 016 00 04







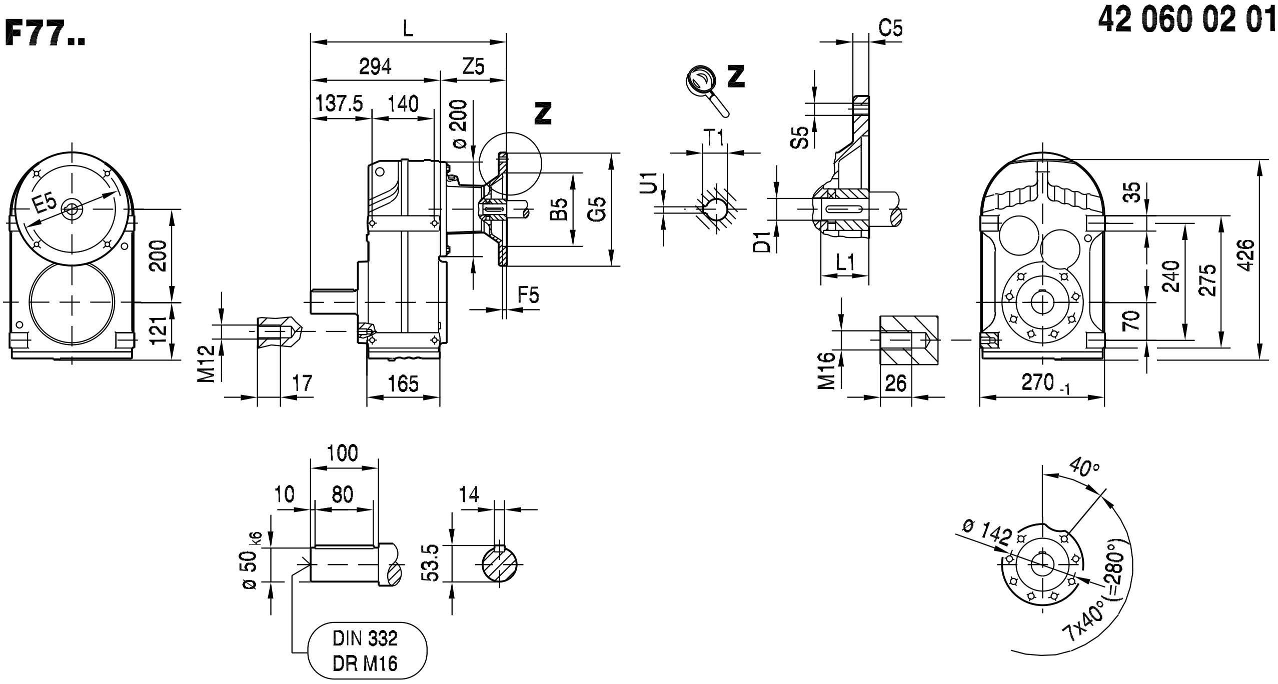




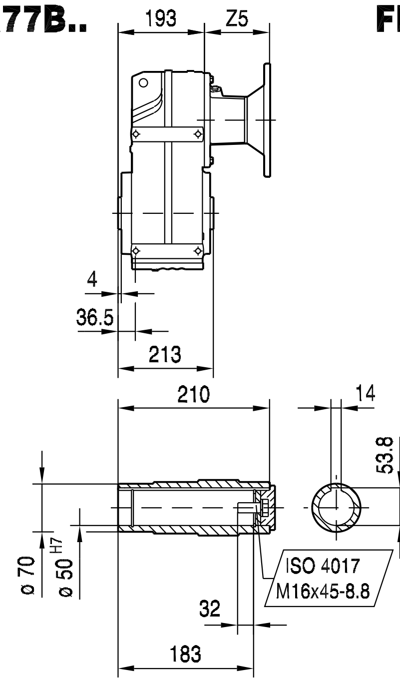
(→ 📖 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1	
AM63	95	10	115	3.5	140	247	M8	66	11	23	12.8	4	
AM71	110	10	130	4.0	160	247	M8	66	14	30	16.3	5	
AM80	130	12	165	4.5	200	280	M10	99	19	40	21.8	6	
AM90	130	12	165	4.5	200	280	M10	99	24	50	27.3	8	
AM100	180	15	215	5.0	250	315	M12	134	28	60	31.3	8	
AM112	180	15	215	5.0	250	315	M12	134	28	60	31.3	8	
AM132S/M	230	16	265	5.0	300	372	M12	191	38	80	41.3	10	

42 060 02 01

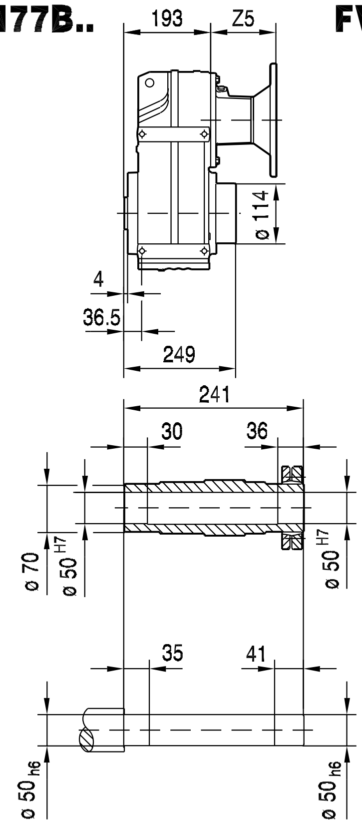
F77..



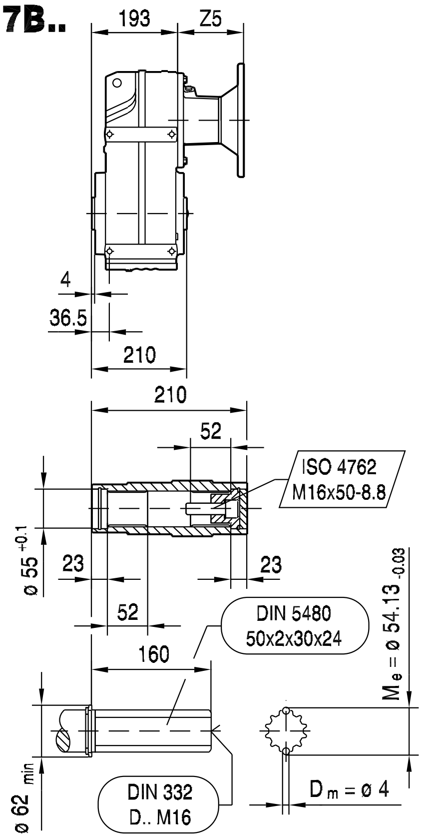
FA77B..



FH77B..



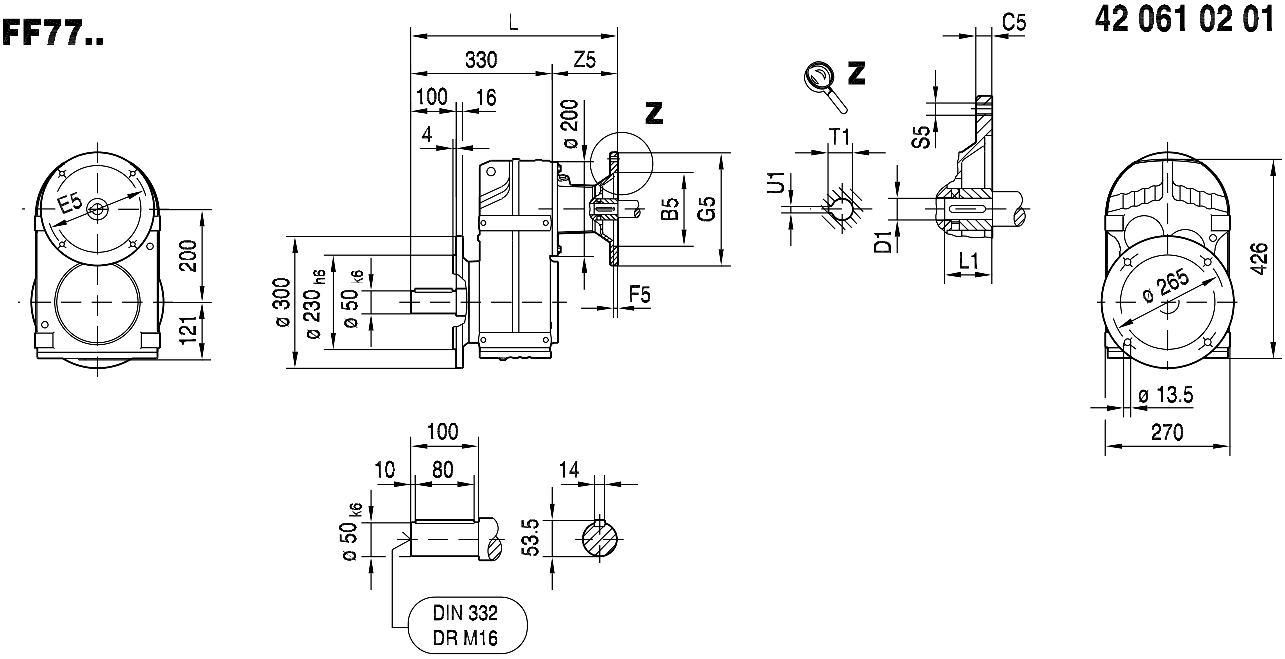
FV77B..



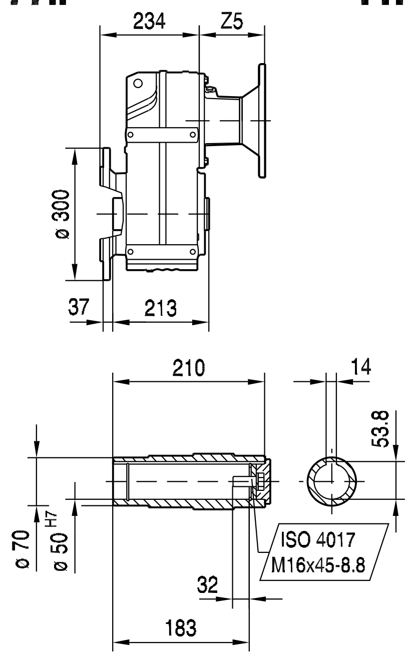
(→ 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1	
AM63	95	10	115	3.5	140	354	M8	60	11	23	12.8	4	
AM71	110	10	130	4.0	160	354	M8	60	14	30	16.3	5	
AM80	130	12	165	4.5	200	386	M10	92	19	40	21.8	6	
AM90	130	12	165	4.5	200	386	M10	92	24	50	27.3	8	
AM100	180	15	215	5.0	250	420	M12	126	28	60	31.3	8	
AM112	180	15	215	5.0	250	420	M12	126	28	60	31.3	8	
AM132S/M	230	16	265	5.0	300	473	M12	179	38	80	41.3	10	
AM132ML	230	16	265	5.0	300	473	M12	179	38	80	41.3	10	

FF77..

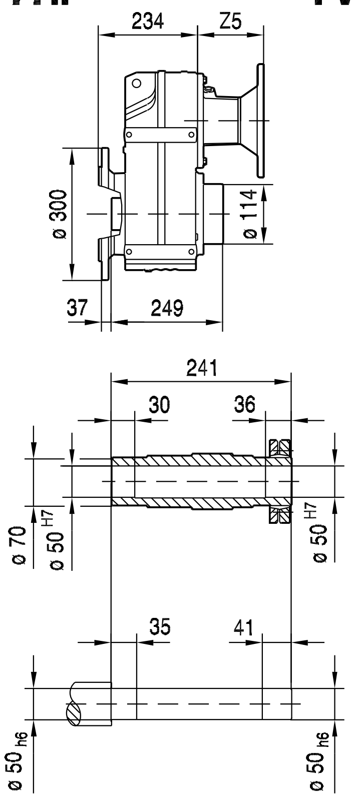
42 061 02 01



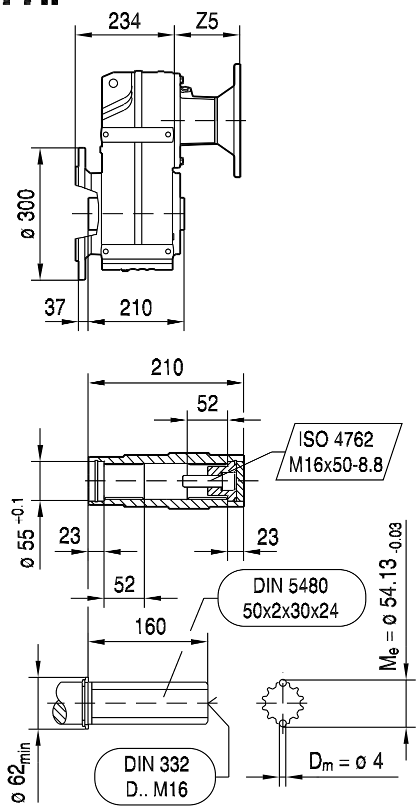
FAF77..



FHF77..



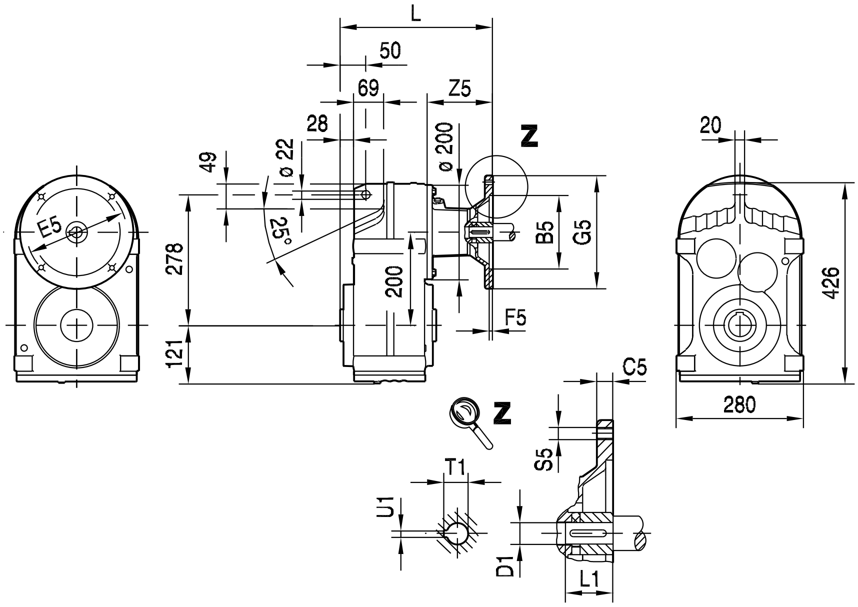
FVF77..

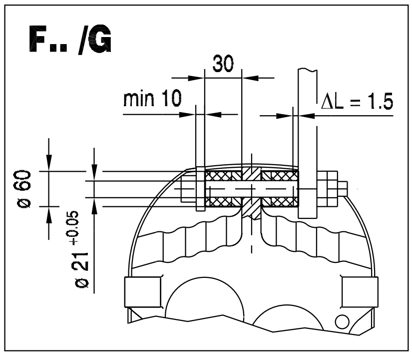


(→ 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1	
AM63	95	10	115	3.5	140	390	M8	60	11	23	12.8	4	
AM71	110	10	130	4.0	160	390	M8	60	14	30	16.3	5	
AM80	130	12	165	4.5	200	422	M10	92	19	40	21.8	6	
AM90	130	12	165	4.5	200	422	M10	92	24	50	27.3	8	
AM100	180	15	215	5.0	250	456	M12	126	28	60	31.3	8	
AM112	180	15	215	5.0	250	456	M12	126	28	60	31.3	8	
AM132S/M	230	16	265	5.0	300	509	M12	179	38	80	41.3	10	
AM132ML	230	16	265	5.0	300	509	M12	179	38	80	41.3	10	

FA77..

42 062 02 01





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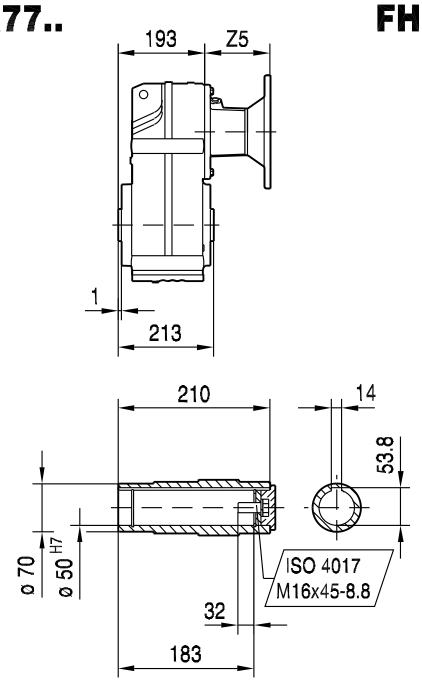
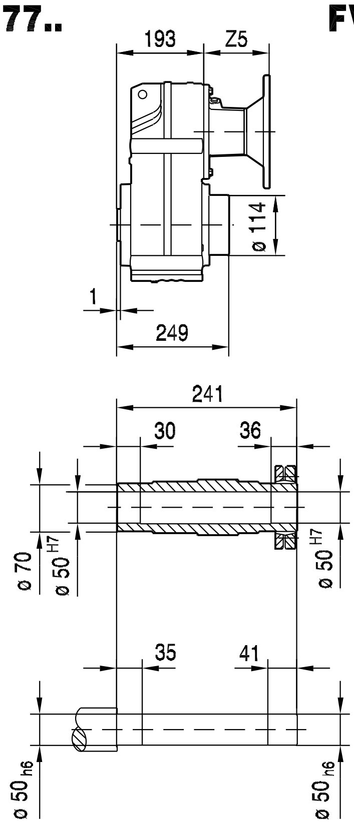
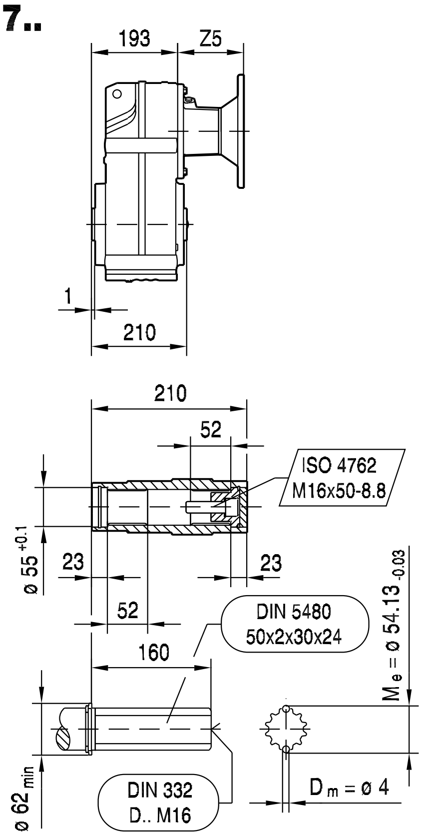
FA77..



FH77..



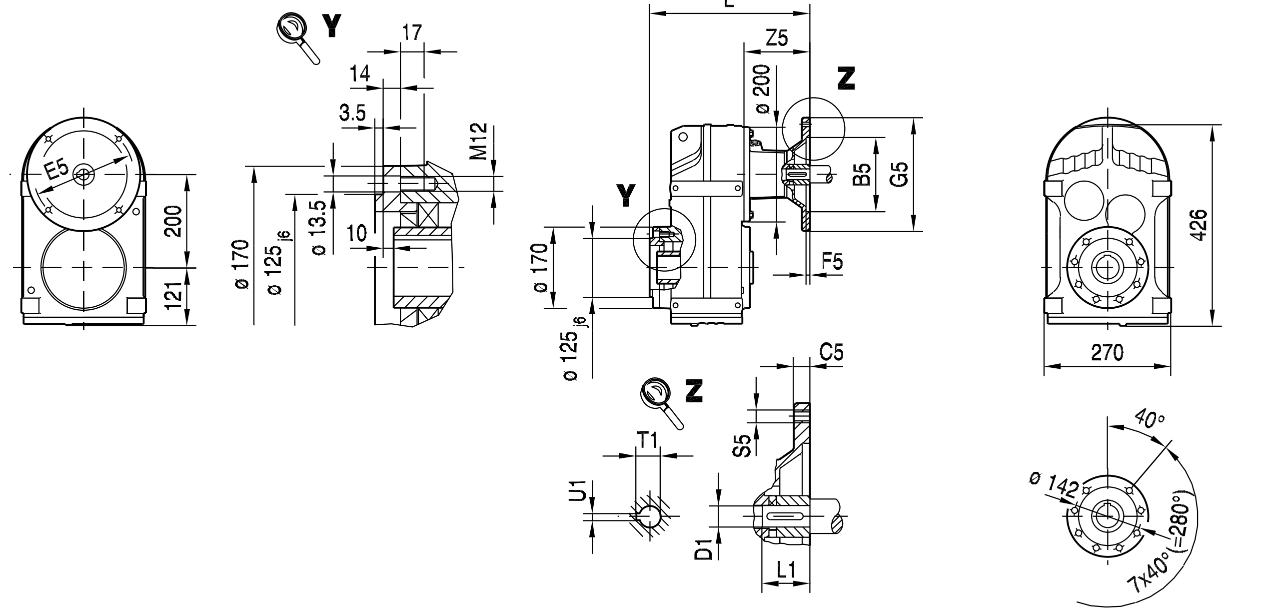
FV77..



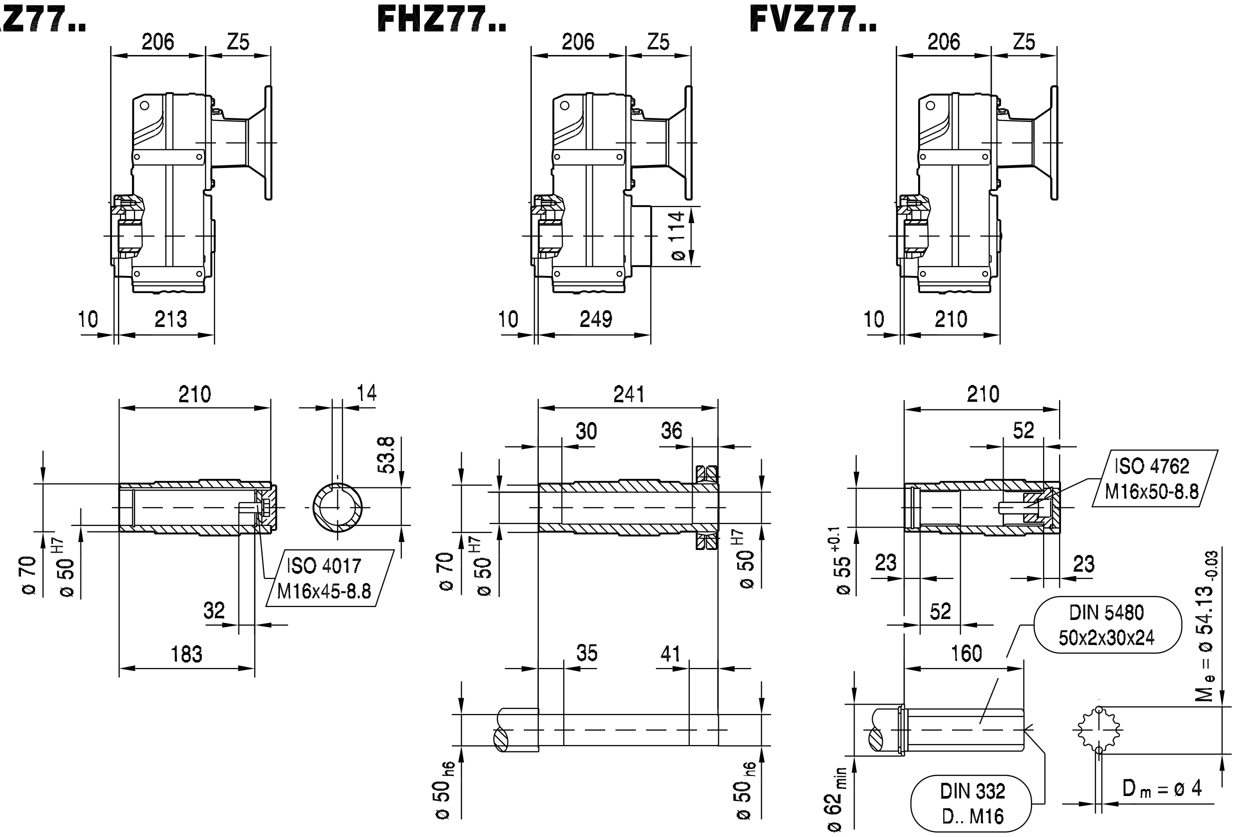
(→ 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1
AM63	95	10	115	3.5	140	253	M8	60	11	23	12.8	4
AM71	110	10	130	4.0	160	253	M8	60	14	30	16.3	5
AM80	130	12	165	4.5	200	285	M10	92	19	40	21.8	6
AM90	130	12	165	4.5	200	285	M10	92	24	50	27.3	8
AM100	180	15	215	5.0	250	319	M12	126	28	60	31.3	8
AM112	180	15	215	5.0	250	319	M12	126	28	60	31.3	8
AM132S/M	230	16	265	5.0	300	372	M12	179	38	80	41.3	10
AM132ML	230	16	265	5.0	300	372	M12	179	38	80	41.3	10

FAZ77..

42 063 02 01



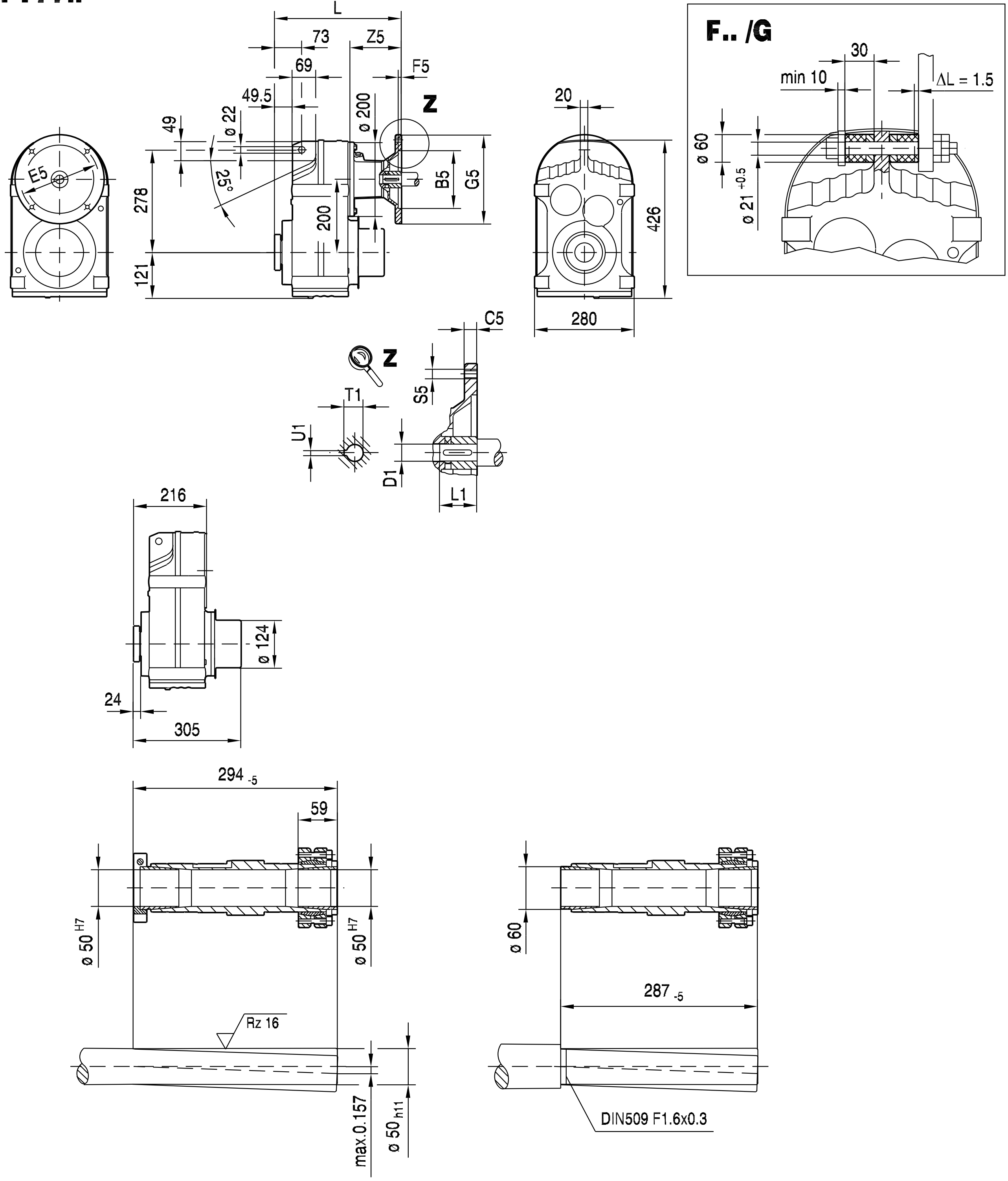
FAZ77.. **FHZ77..** **FVZ77..**



(→ 📖 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1	
AM63	95	10	115	3.5	140	266	M8	60	11	23	12.8	4	
AM71	110	10	130	4.0	160	266	M8	60	14	30	16.3	5	
AM80	130	12	165	4.5	200	298	M10	92	19	40	21.8	6	
AM90	130	12	165	4.5	200	298	M10	92	24	50	27.3	8	
AM100	180	15	215	5.0	250	332	M12	126	28	60	31.3	8	
AM112	180	15	215	5.0	250	332	M12	126	28	60	31.3	8	
AM132S/M	230	16	265	5.0	300	385	M12	179	38	80	41.3	10	
AM132ML	230	16	265	5.0	300	385	M12	179	38	80	41.3	10	

FT77..

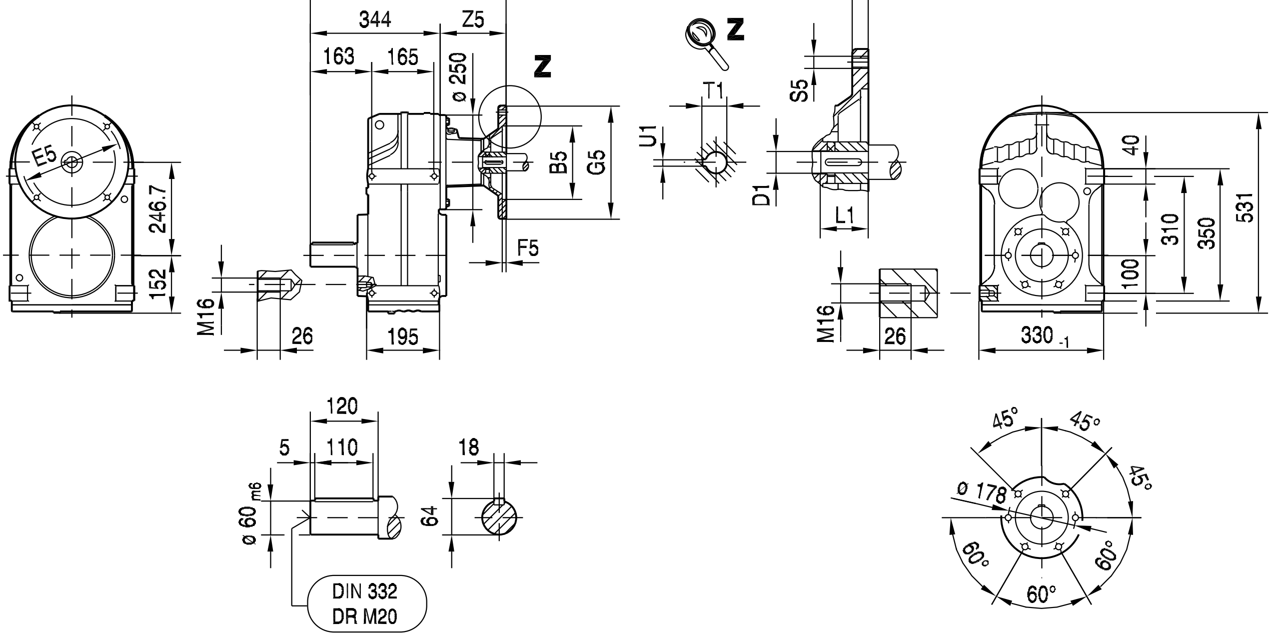
42 017 00 04



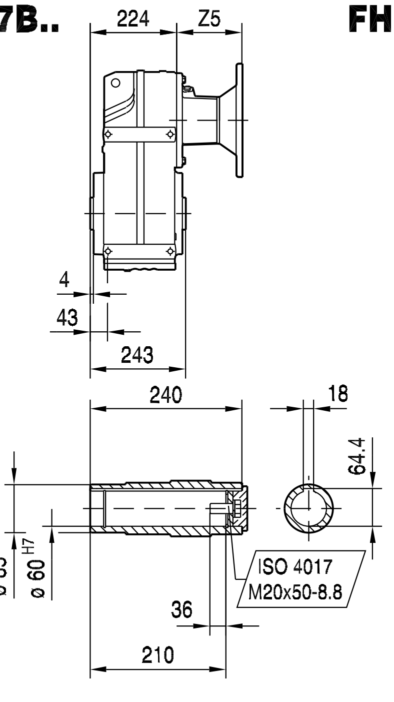
(→ 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1	
AM63	95	10	115	3.5	140	275	M8	60	11	23	12.8	4	
AM71	110	10	130	4.0	160	275	M8	60	14	30	16.3	5	
AM80	130	12	165	4.5	200	307	M10	92	19	40	21.8	6	
AM90	130	12	165	4.5	200	307	M10	92	24	50	27.3	8	
AM100	180	15	215	5.0	250	341	M12	126	28	60	31.3	8	
AM112	180	15	215	5.0	250	341	M12	126	28	60	31.3	8	
AM132S/M	230	16	265	5.0	300	394	M12	179	38	80	41.3	10	
AM132ML	230	16	265	5.0	300	394	M12	179	38	80	41.3	10	

F87..

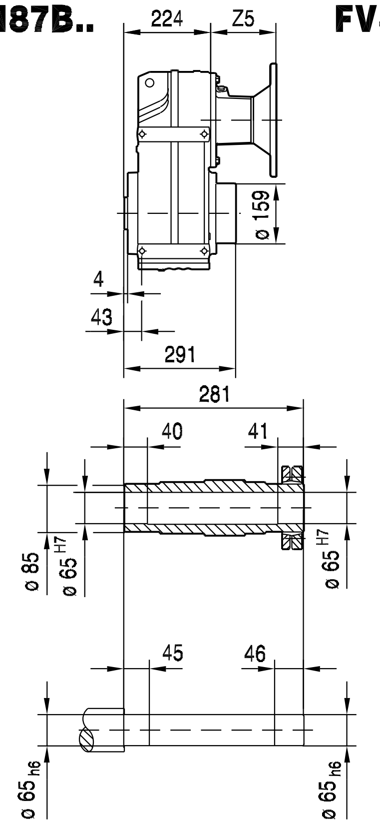
42 064 01 01



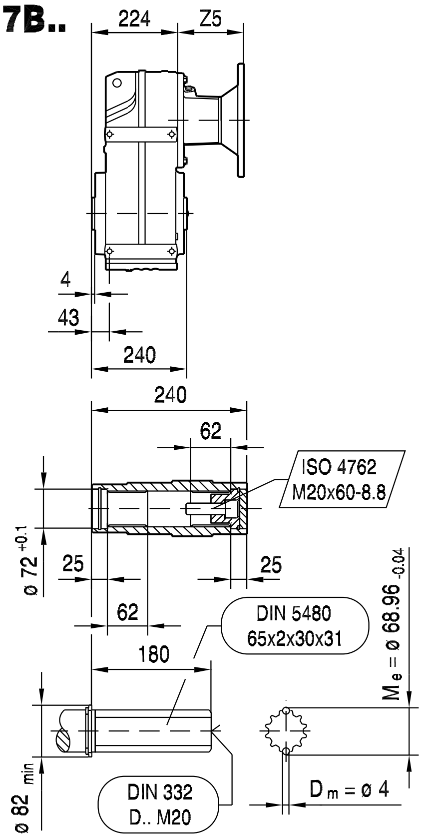
FA87B..



FH87B..



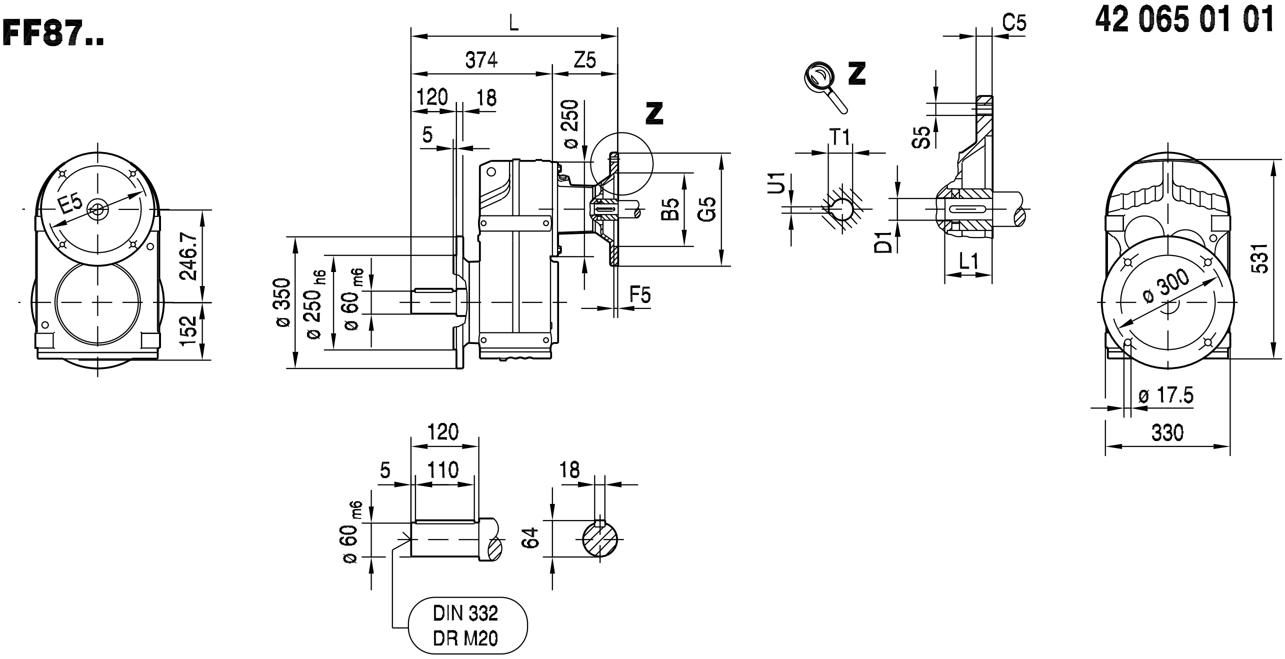
FV87B..



(→ 📖 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1	
AM80	130	12	165	4.5	200	431	M10	87	19	40	21.8	6	
AM90	130	12	165	4.5	200	431	M10	87	24	50	27.3	8	
AM100	180	15	215	5.0	250	465	M12	121	28	60	31.3	8	
AM112	180	15	215	5.0	250	465	M12	121	28	60	31.3	8	
AM132S/M	230	16	265	5.0	300	518	M12	174	38	80	41.3	10	
AM132ML	230	16	265	5.0	300	518	M12	174	38	80	41.3	10	
AM160	250	18	300	6.0	350	576	M16	232	42	110	45.3	12	
AM180	250	18	300	6.0	350	576	M16	232	48	110	51.8	14	

FF87..

42 065 01 01



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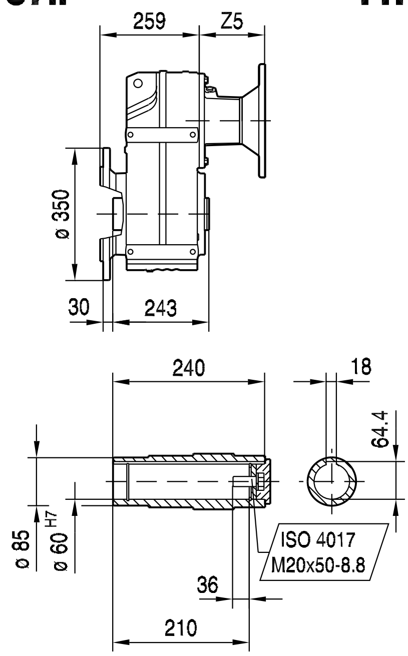
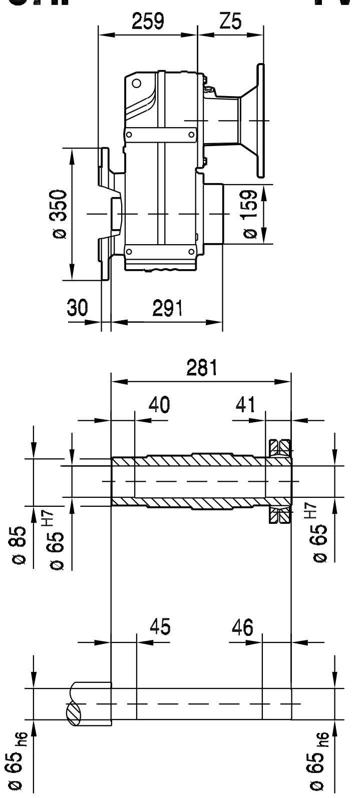
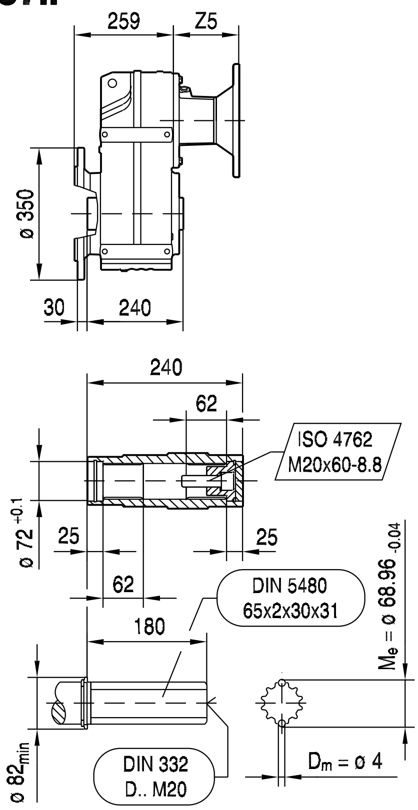
FAF87..



FHF87..



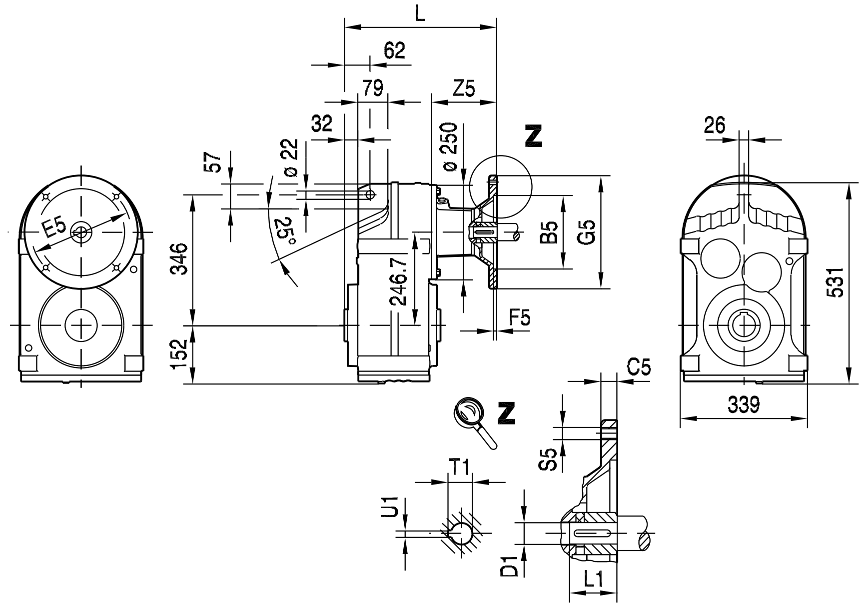
FVF87..

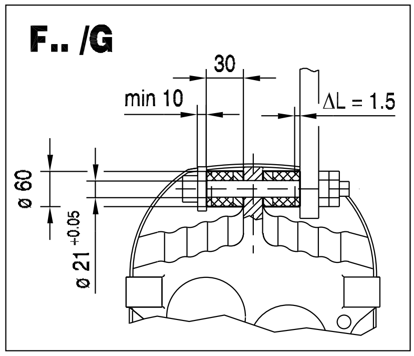


(→ 📖 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1	
AM80	130	12	165	4.5	200	461	M10	87	19	40	21.8	6	
AM90	130	12	165	4.5	200	461	M10	87	24	50	27.3	8	
AM100	180	15	215	5.0	250	495	M12	121	28	60	31.3	8	
AM112	180	15	215	5.0	250	495	M12	121	28	60	31.3	8	
AM132S/M	230	16	265	5.0	300	548	M12	174	38	80	41.3	10	
AM132ML	230	16	265	5.0	300	548	M12	174	38	80	41.3	10	
AM160	250	18	300	6.0	350	606	M16	232	42	110	45.3	12	
AM180	250	18	300	6.0	350	606	M16	232	48	110	51.8	14	

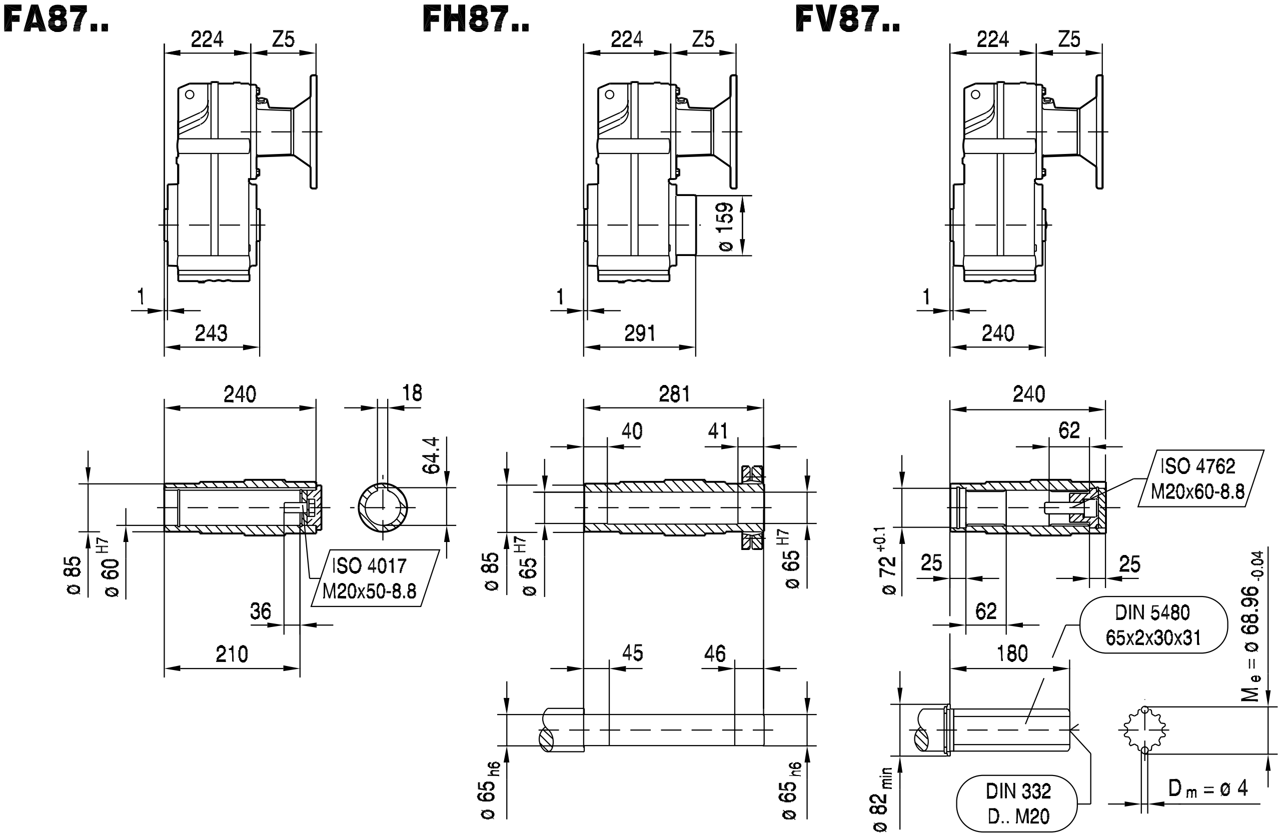
FA87..

42 066 01 01





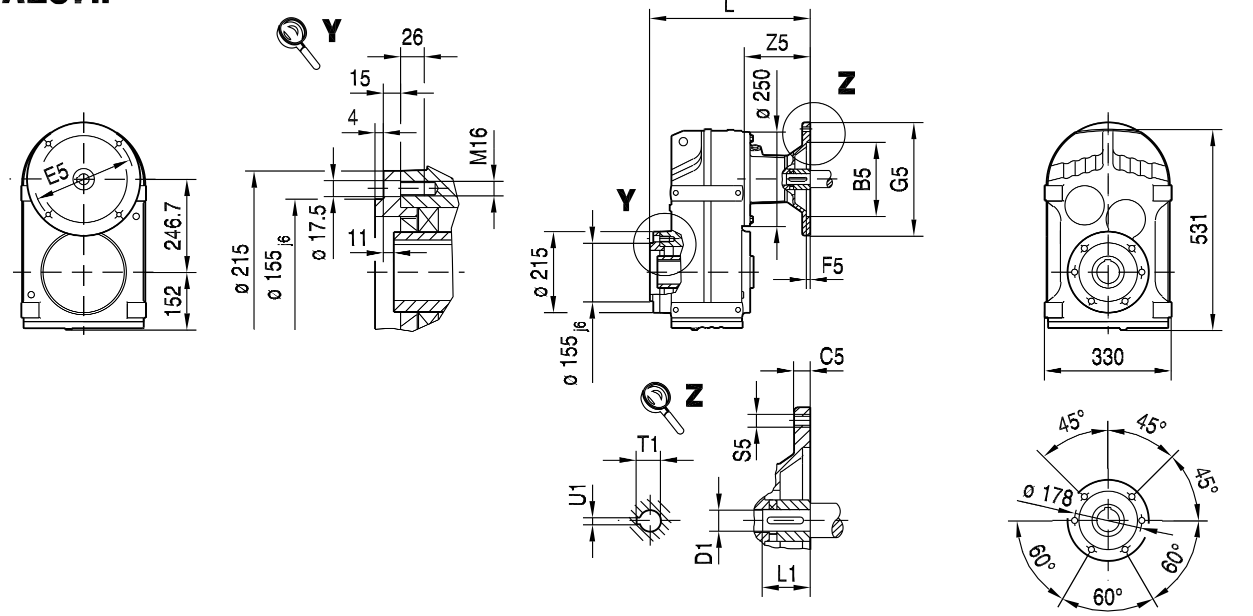
FA87.. **FH87..** **FV87..**



(→ 📖 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1
AM80	130	12	165	4.5	200	311	M10	87	19	40	21.8	6
AM90	130	12	165	4.5	200	311	M10	87	24	50	27.3	8
AM100	180	15	215	5.0	250	345	M12	121	28	60	31.3	8
AM112	180	15	215	5.0	250	345	M12	121	28	60	31.3	8
AM132S/M	230	16	265	5.0	300	398	M12	174	38	80	41.3	10
AM132ML	230	16	265	5.0	300	398	M12	174	38	80	41.3	10
AM160	250	18	300	6.0	350	456	M16	232	42	110	45.3	12
AM180	250	18	300	6.0	350	456	M16	232	48	110	51.8	14

FAZ87..

42 067 01 01



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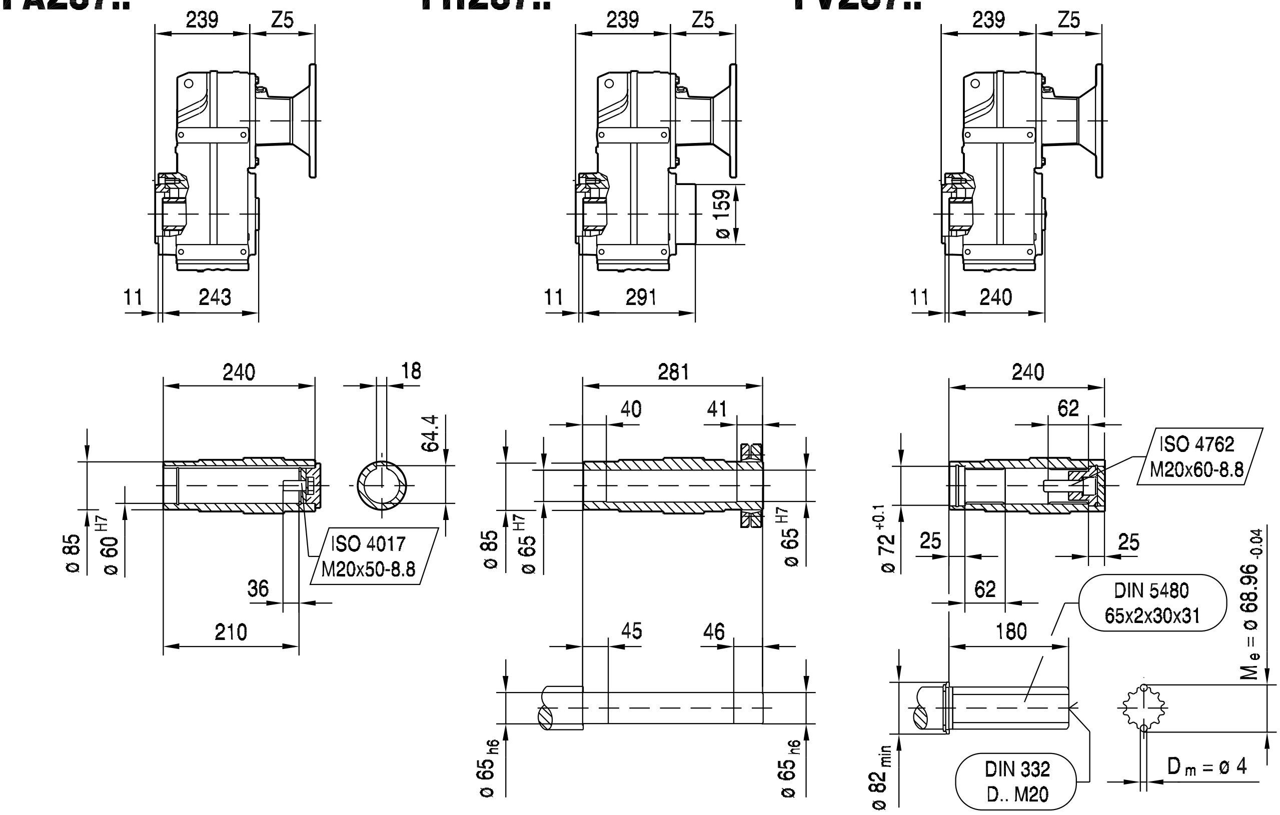
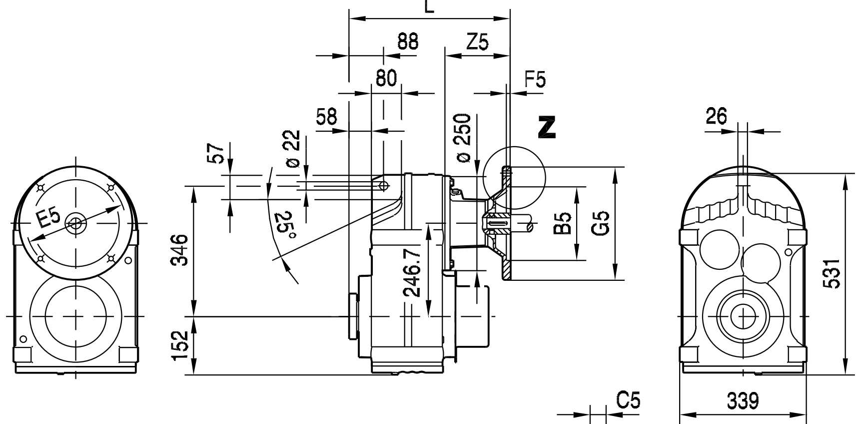
FAZ87.. FHZ87.. FVZ87..

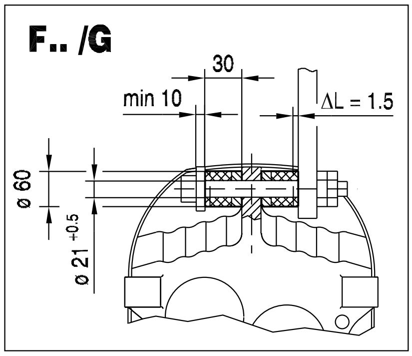


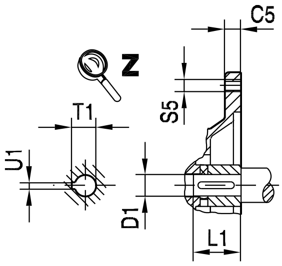
(→ 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1
AM80	130	12	165	4.5	200	326	M10	87	19	40	21.8	6
AM90	130	12	165	4.5	200	326	M10	87	24	50	27.3	8
AM100	180	15	215	5.0	250	360	M12	121	28	60	31.3	8
AM112	180	15	215	5.0	250	360	M12	121	28	60	31.3	8
AM132S/M	230	16	265	5.0	300	413	M12	174	38	80	41.3	10
AM132ML	230	16	265	5.0	300	413	M12	174	38	80	41.3	10
AM160	250	18	300	6.0	350	471	M16	232	42	110	45.3	12
AM180	250	18	300	6.0	350	471	M16	232	48	110	51.8	14

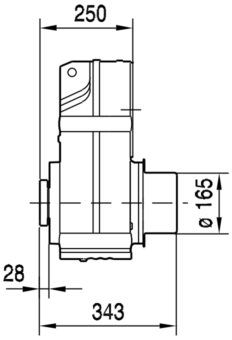
FT87..

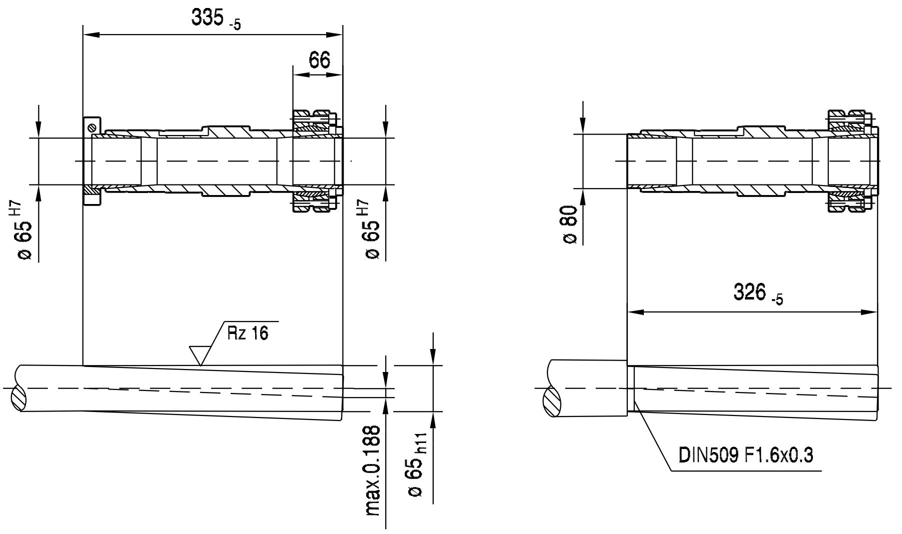
42 018 00 04







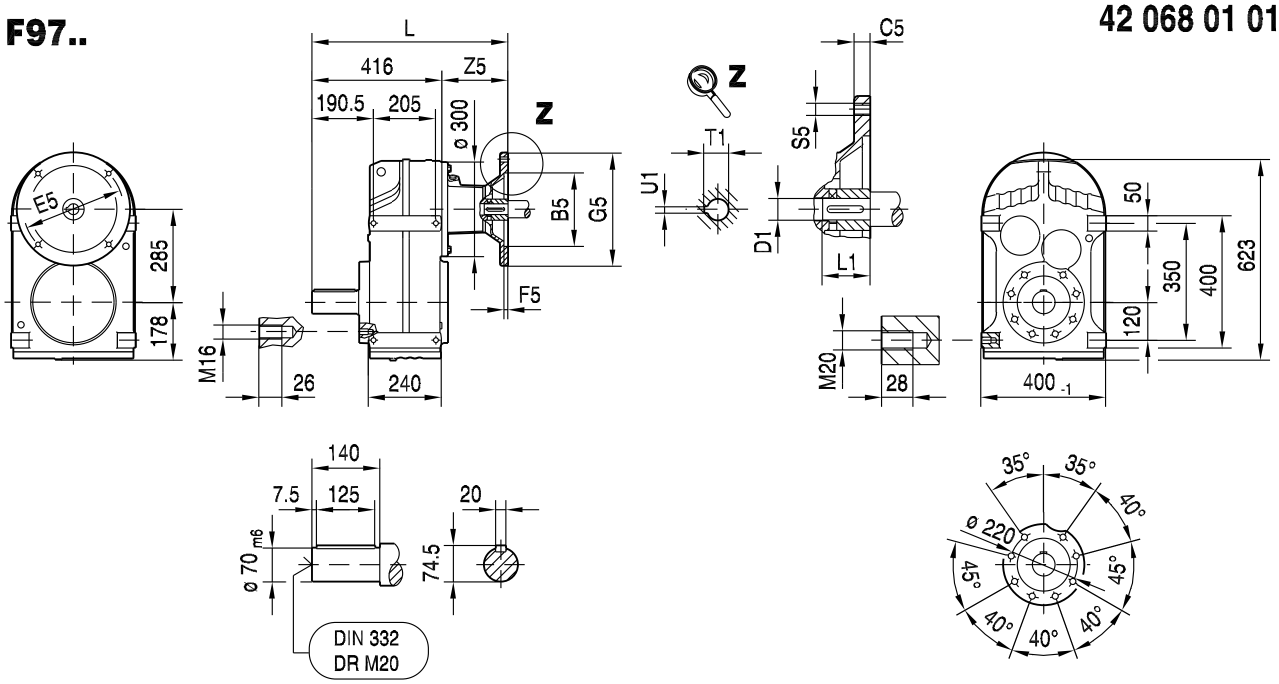




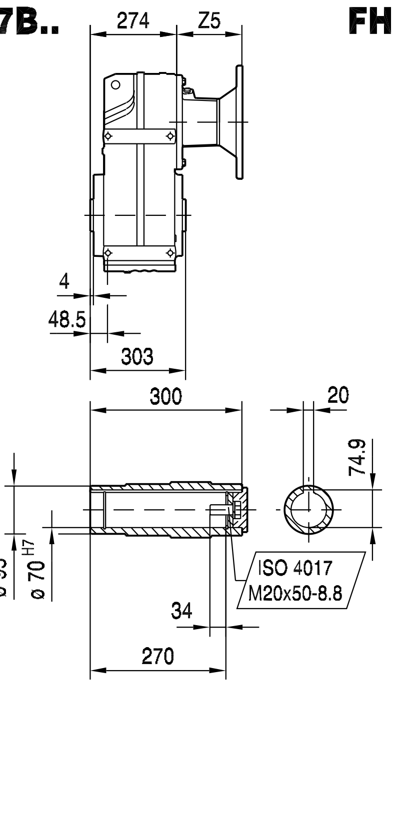
(→ 📖 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1	
AM80	130	12	165	4.5	200	336	M10	87	19	40	21.8	6	
AM90	130	12	165	4.5	200	336	M10	87	24	50	27.3	8	
AM100	180	15	215	5.0	250	370	M12	121	28	60	31.3	8	
AM112	180	15	215	5.0	250	370	M12	121	28	60	31.3	8	
AM132S/M	230	16	265	5.0	300	423	M12	174	38	80	41.3	10	
AM132ML	230	16	265	5.0	300	423	M12	174	38	80	41.3	10	
AM160	250	18	300	6.0	350	481	M16	232	42	110	45.3	12	
AM180	250	18	300	6.0	350	481	M16	232	48	110	51.8	14	

F97..

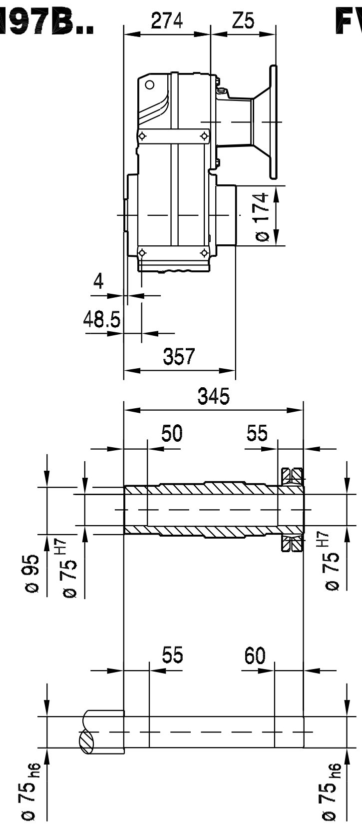
42 068 01 01



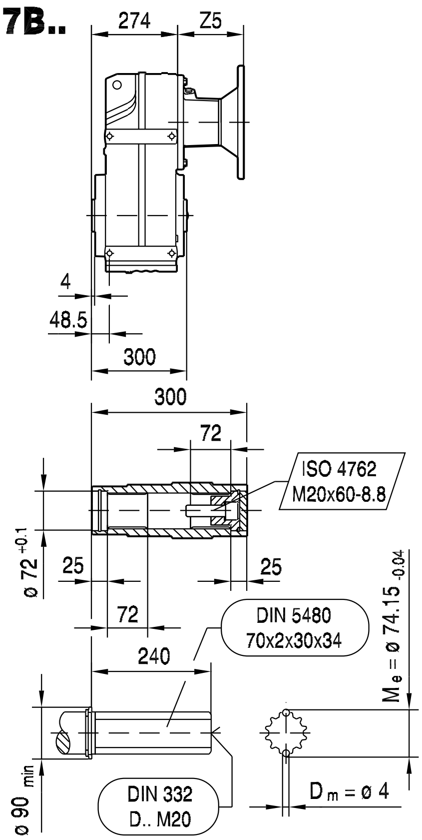
FA97B..



FH97B..



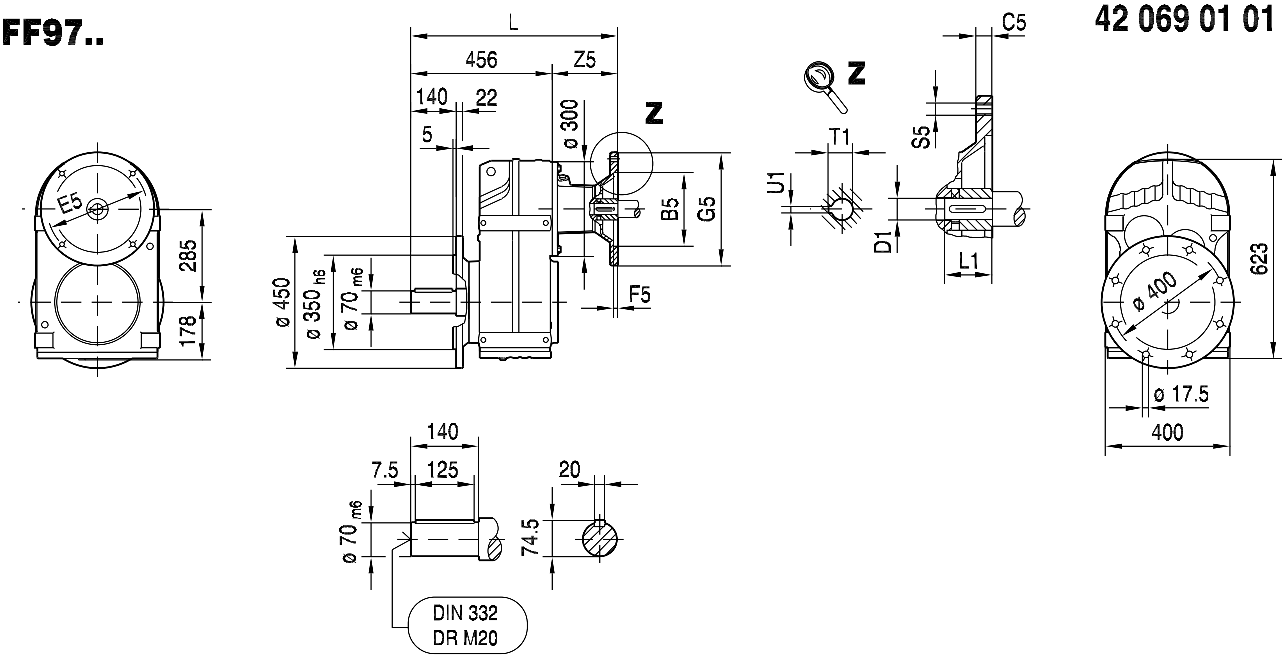
FV97B..



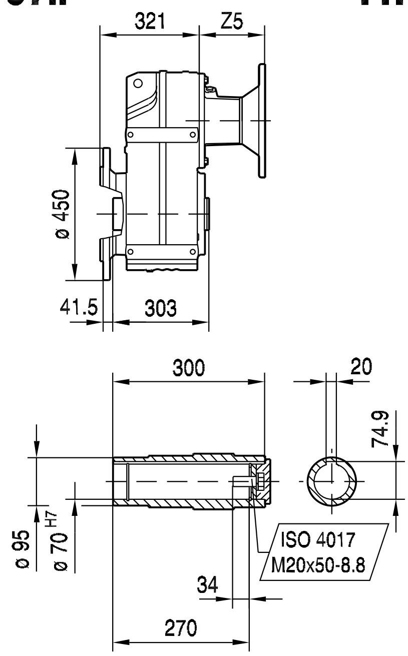
(→ 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1	
AM100	180	15	215	5.0	250	532	M12	116	28	60	31.3	8	
AM112	180	15	215	5.0	250	532	M12	116	28	60	31.3	8	
AM132S/M	230	16	265	5.0	300	585	M12	169	38	80	41.3	10	
AM132ML	230	16	265	5.0	300	585	M12	169	38	80	41.3	10	
AM160	250	18	300	6.0	350	643	M16	227	42	110	45.3	12	
AM180	250	18	300	6.0	350	643	M16	227	48	110	51.8	14	
AM200	300	20	350	7.0	400	684	M16	268	55	110	59.3	16	

FF97..

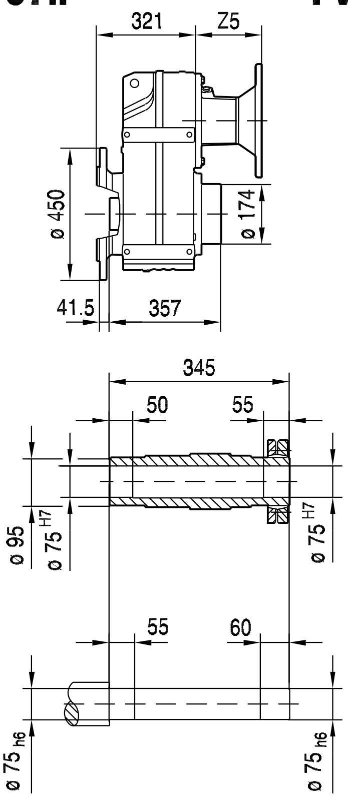
42 069 01 01



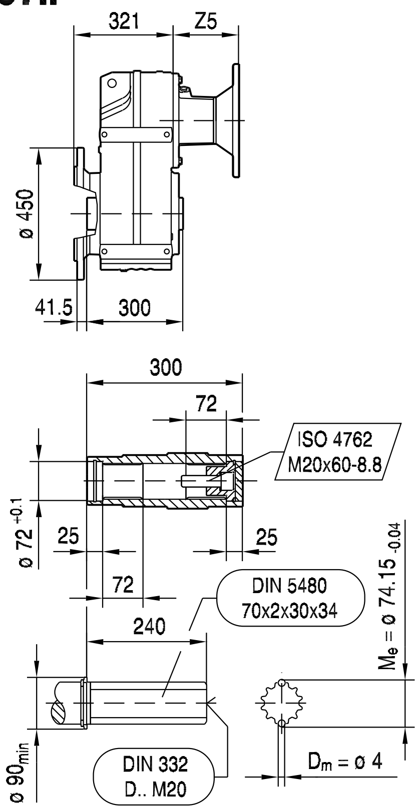
FAF97..



FHF97..



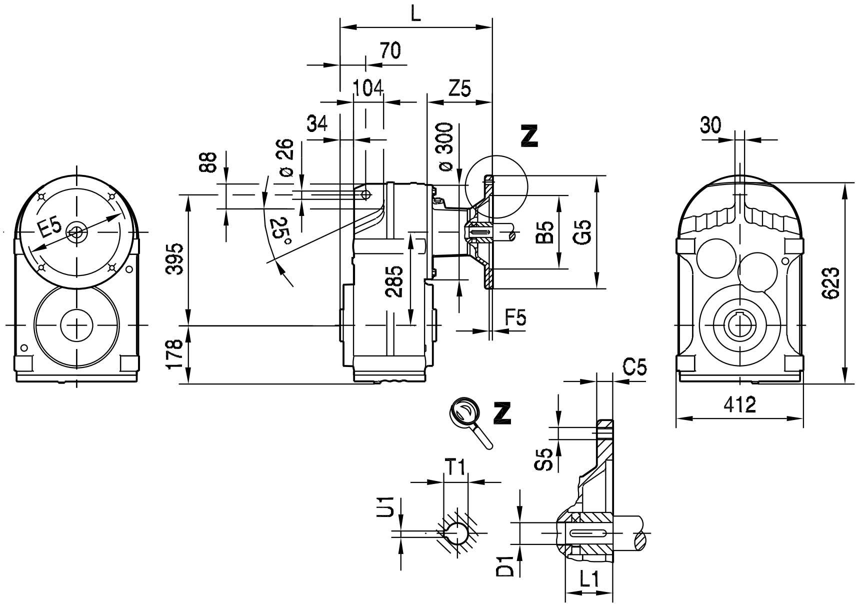
FVF97..

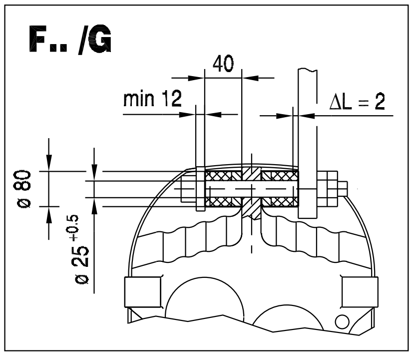


(→ 📖 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1	
AM100	180	15	215	5.0	250	572	M12	116	28	60	31.3	8	
AM112	180	15	215	5.0	250	572	M12	116	28	60	31.3	8	
AM132S/M	230	16	265	5.0	300	625	M12	169	38	80	41.3	10	
AM132ML	230	16	265	5.0	300	625	M12	169	38	80	41.3	10	
AM160	250	18	300	6.0	350	683	M16	227	42	110	45.3	12	
AM180	250	18	300	6.0	350	683	M16	227	48	110	51.8	14	
AM200	300	20	350	7.0	400	724	M16	268	55	110	59.3	16	

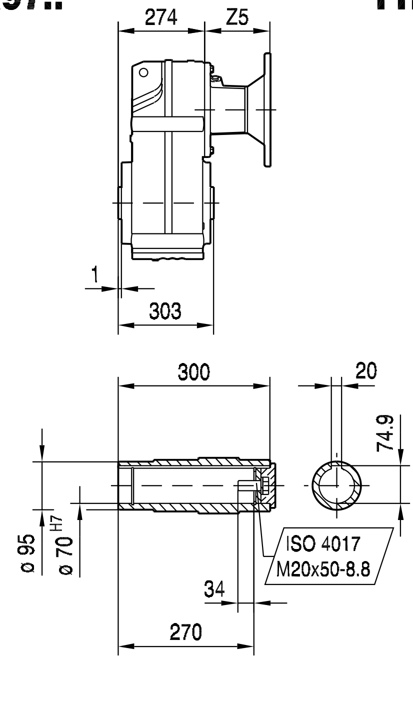
FA97..

42 070 01 01

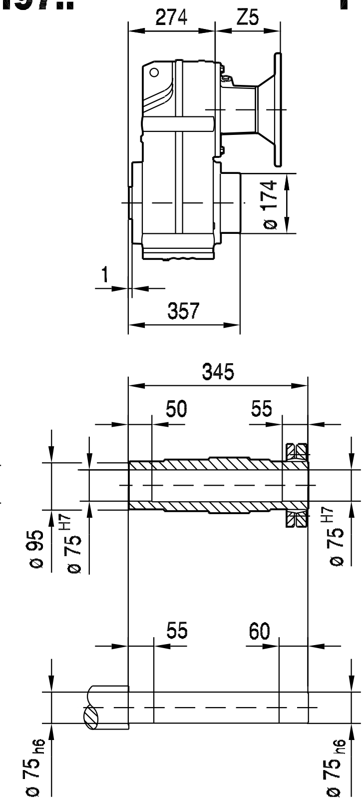




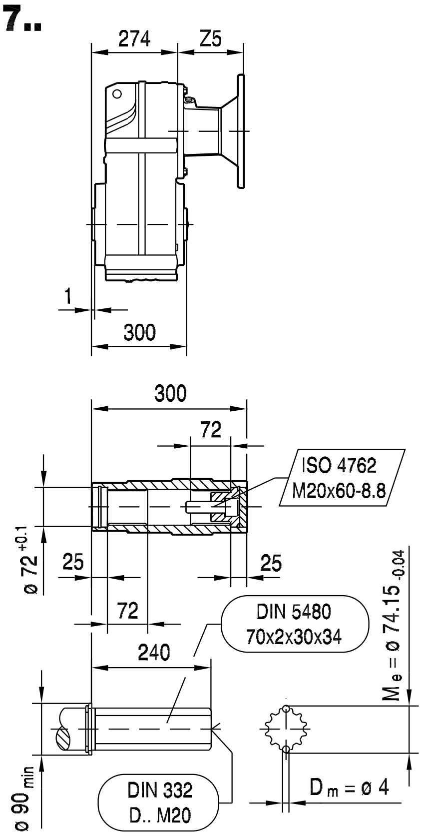
FA97..



FH97..



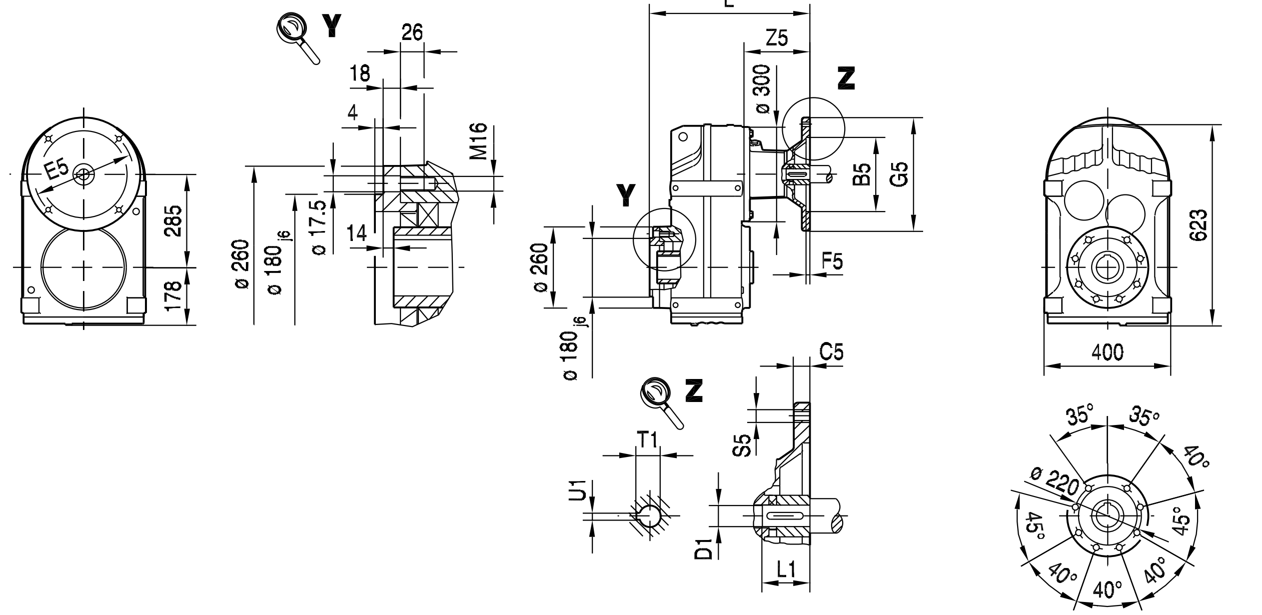
FV97..



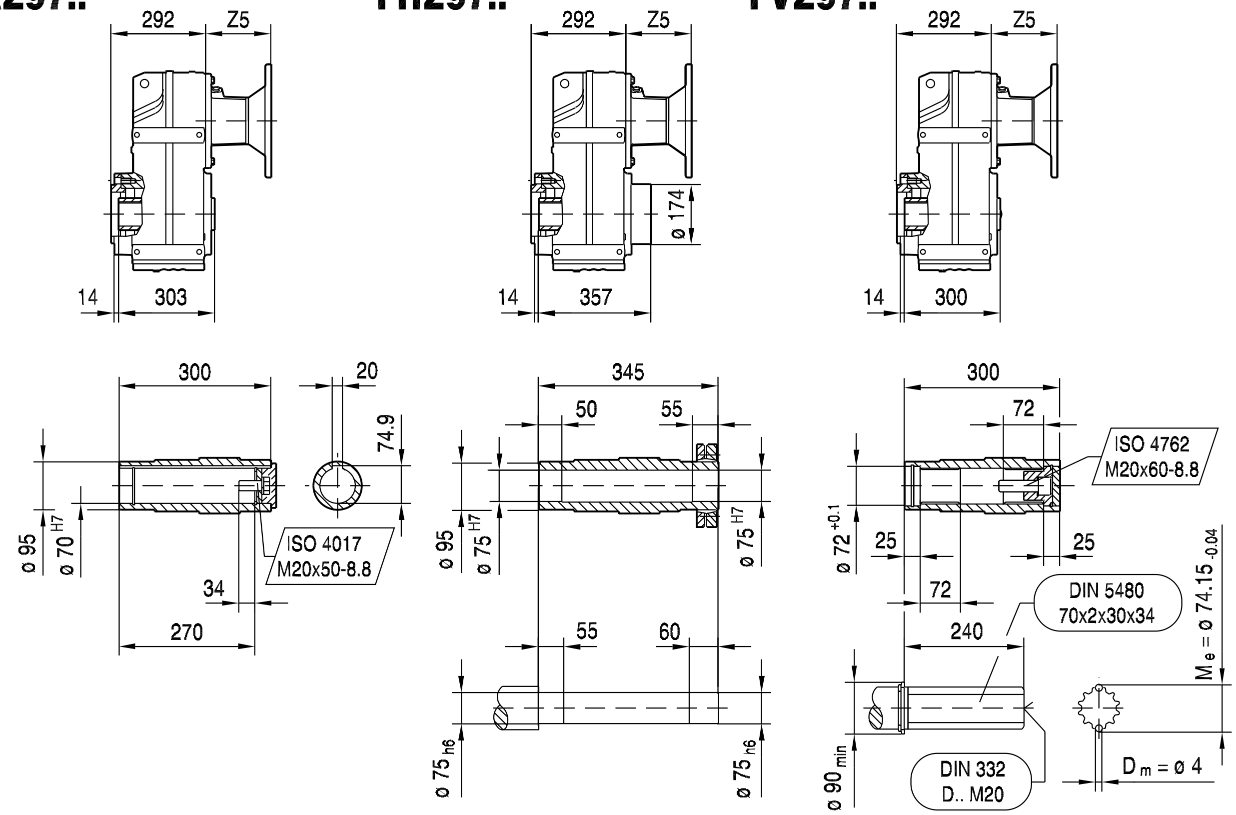
(→ 📖 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1
AM100	180	15	215	5.0	250	390	M12	116	28	60	31.3	8
AM112	180	15	215	5.0	250	390	M12	116	28	60	31.3	8
AM132S/M	230	16	265	5.0	300	443	M12	169	38	80	41.3	10
AM132ML	230	16	265	5.0	300	443	M12	169	38	80	41.3	10
AM160	250	18	300	6.0	350	501	M16	227	42	110	45.3	12
AM180	250	18	300	6.0	350	501	M16	227	48	110	51.8	14
AM200	300	20	350	7.0	400	542	M16	268	55	110	59.3	16

FAZ97..

42 071 01 01



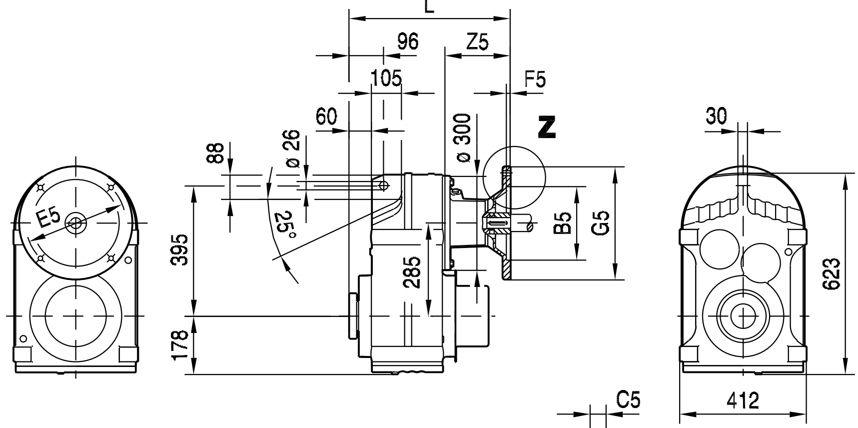
FAZ97.. **FHZ97..** **FVZ97..**

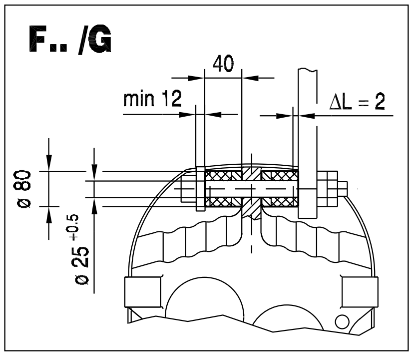


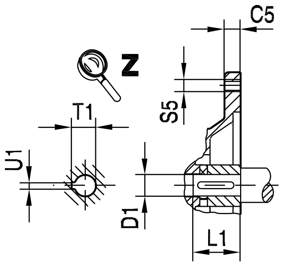
(→ 📖 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1
AM100	180	15	215	5.0	250	408	M12	116	28	60	31.3	8
AM112	180	15	215	5.0	250	408	M12	116	28	60	31.3	8
AM132S/M	230	16	265	5.0	300	461	M12	169	38	80	41.3	10
AM132ML	230	16	265	5.0	300	461	M12	169	38	80	41.3	10
AM160	250	18	300	6.0	350	519	M16	227	42	110	45.3	12
AM180	250	18	300	6.0	350	519	M16	227	48	110	51.8	14
AM200	300	20	350	7.0	400	560	M16	268	55	110	59.3	16

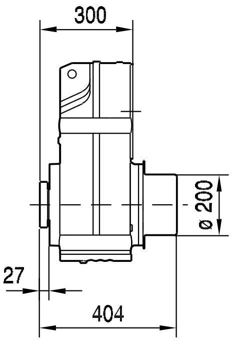
FT97..

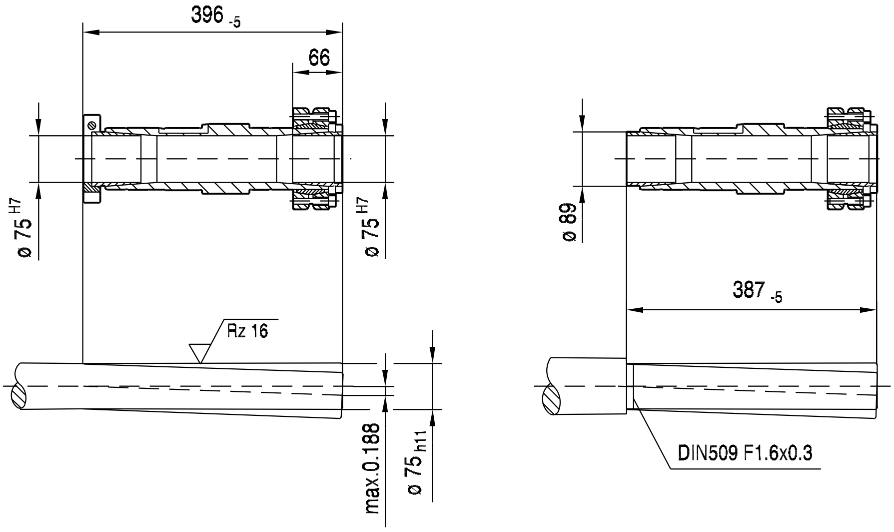
42 019 00 04







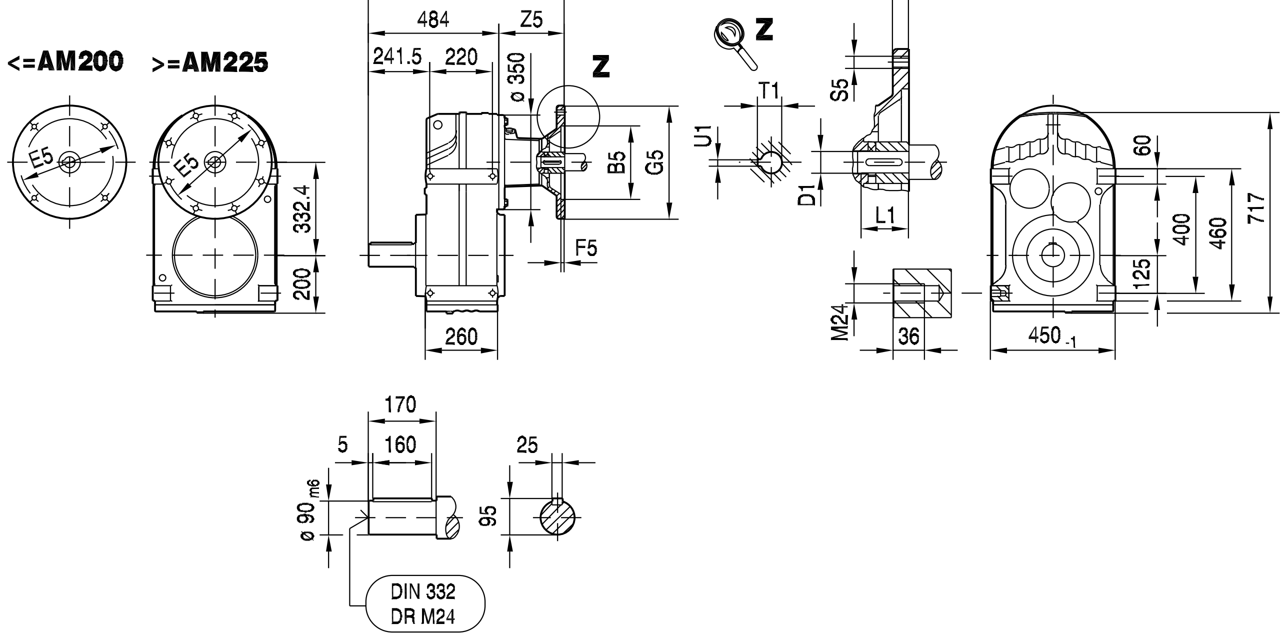


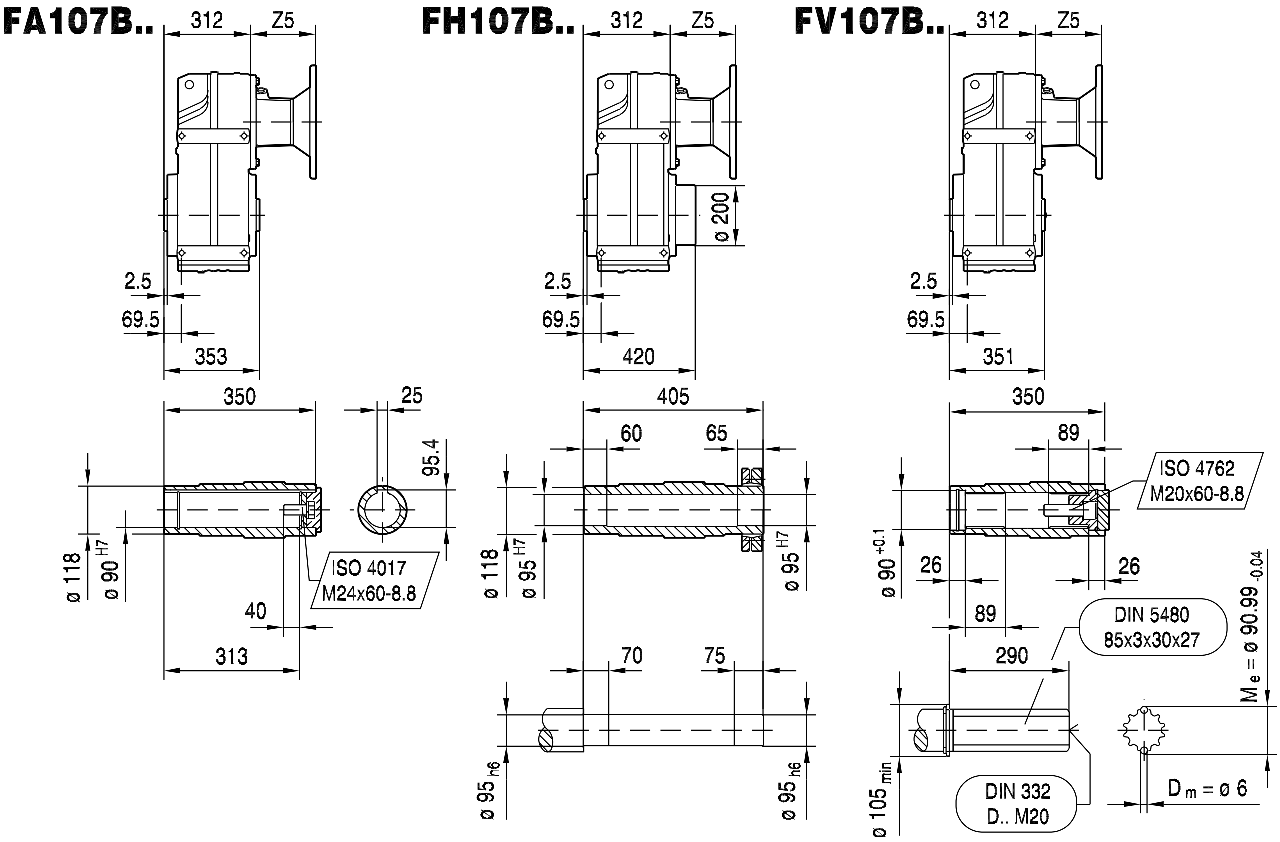


(→ 📖 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1	
AM100	180	15	215	5.0	250	415	M12	116	28	60	31.3	8	
AM112	180	15	215	5.0	250	415	M12	116	28	60	31.3	8	
AM132S/M	230	16	265	5.0	300	468	M12	169	38	80	41.3	10	
AM132ML	230	16	265	5.0	300	468	M12	169	38	80	41.3	10	
AM160	250	18	300	6.0	350	526	M16	227	42	110	45.3	12	
AM180	250	18	300	6.0	350	526	M16	227	48	110	51.8	14	
AM200	300	20	350	7.0	400	567	M16	268	55	110	59.3	16	

F107..

42 072 01 01

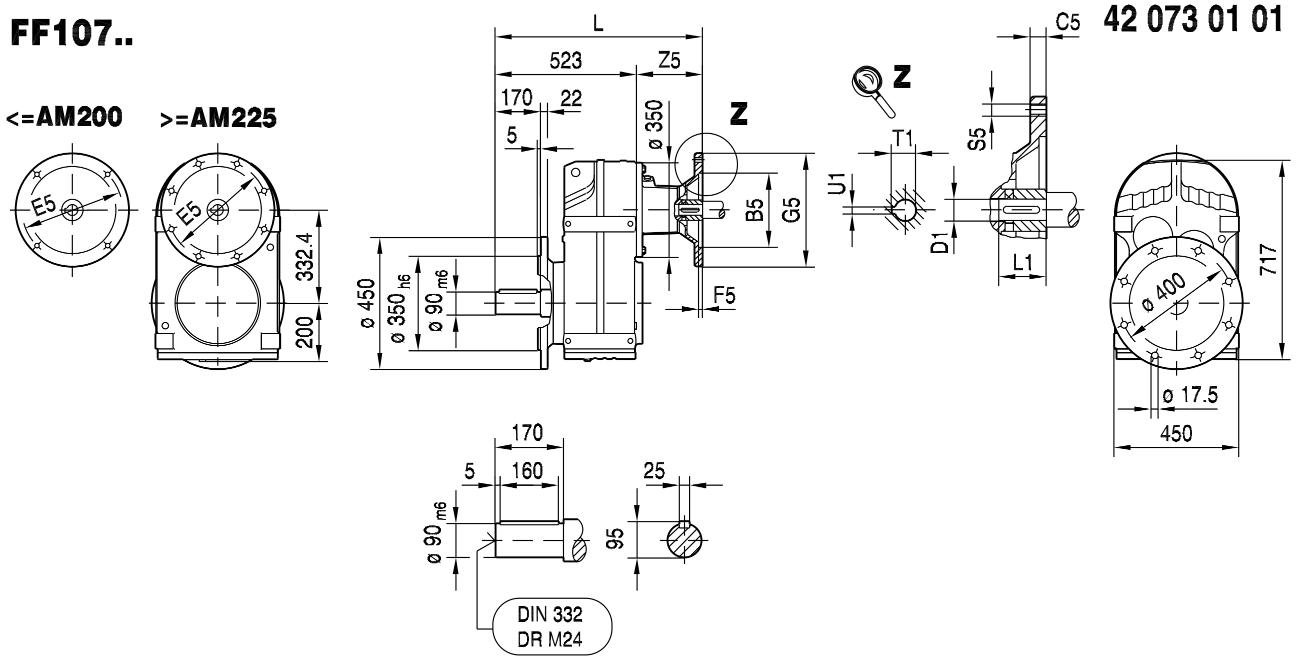




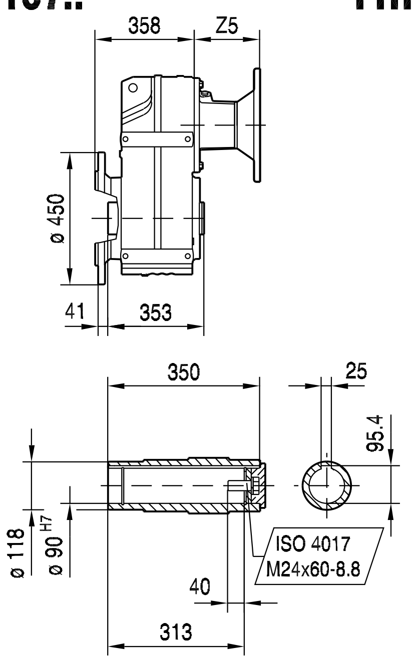
(→ 📖 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1	
AM100	180	15	215	5.0	250	594	M12	110	28	60	31.3	8	
AM112	180	15	215	5.0	250	594	M12	110	28	60	31.3	8	
AM132S/M	230	16	265	5.0	300	647	M12	163	38	80	41.3	10	
AM132ML	230	16	265	5.0	300	647	M12	163	38	80	41.3	10	
AM160	250	18	300	6.0	350	705	M16	221	42	110	45.3	12	
AM180	250	18	300	6.0	350	705	M16	221	48	110	51.8	14	
AM200	300	20	350	7.0	400	746	M16	262	55	110	59.3	16	
AM225	350	22	400	7.0	450	761	M16	277	60	140	64.4	18	

FF107..

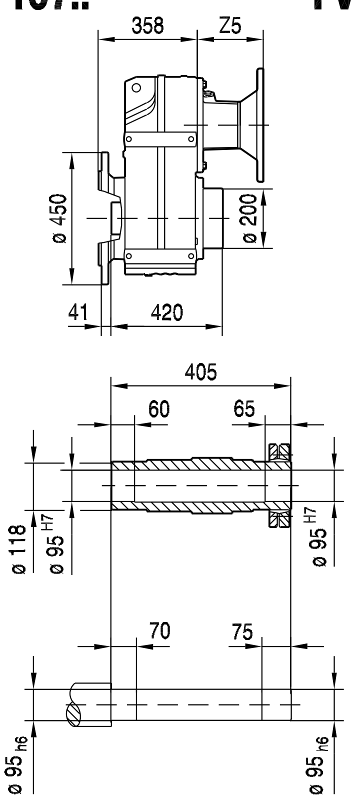
42 073 01 01



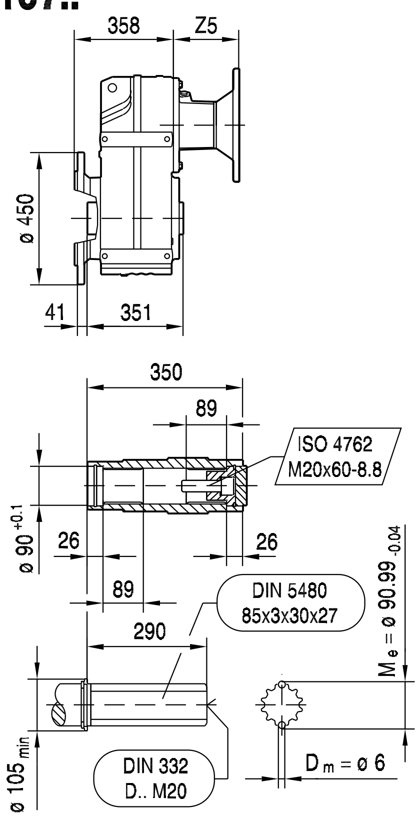
FAF107..



FHF107..



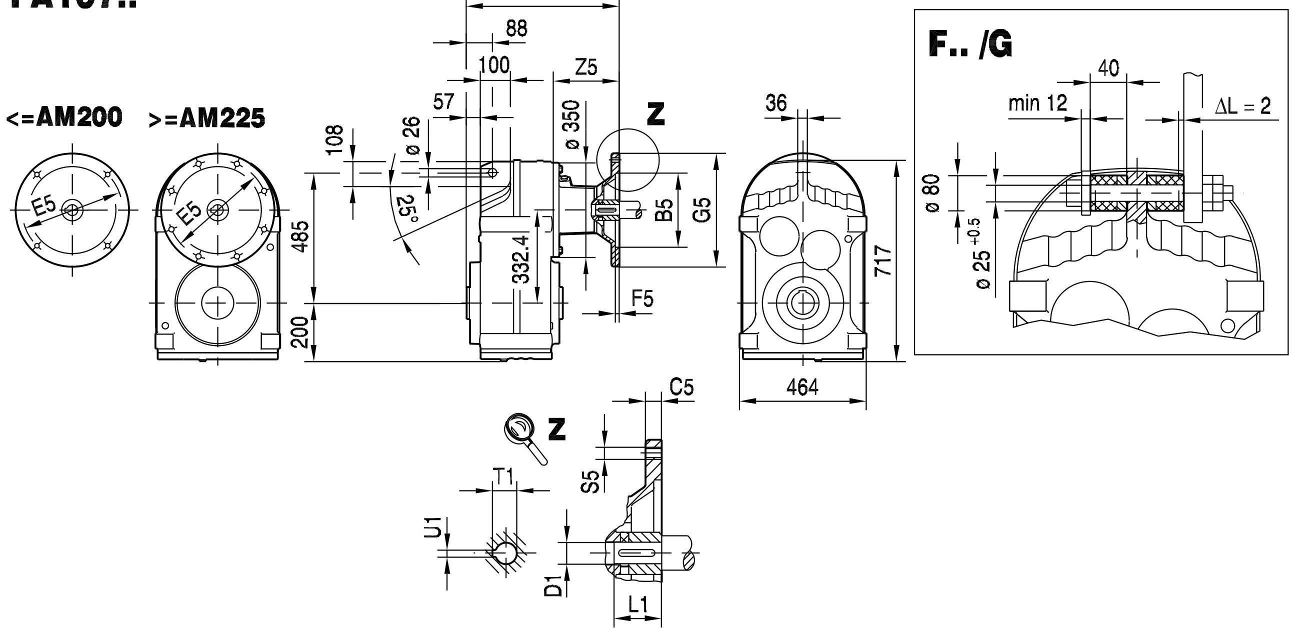
FVF107..



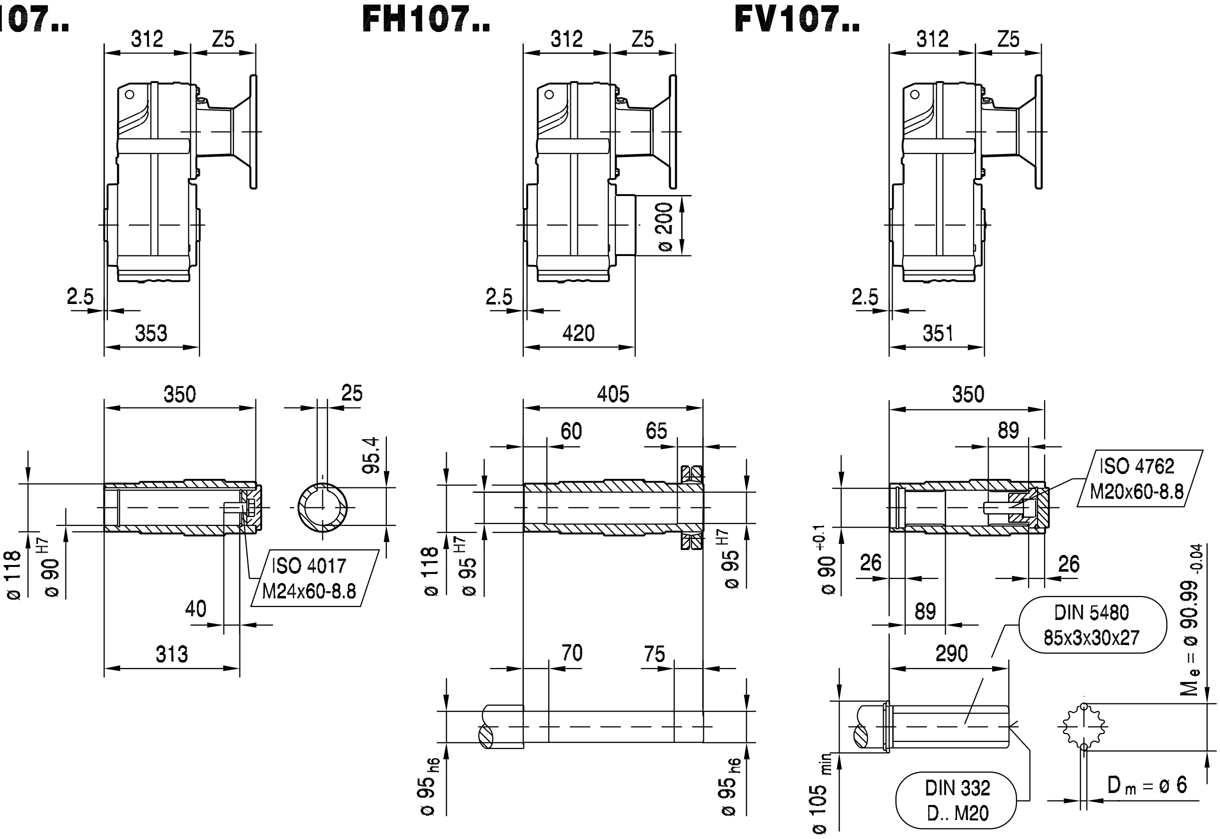
(→ 📖 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1	
AM100	180	15	215	5.0	250	633	M12	110	28	60	31.3	8	
AM112	180	15	215	5.0	250	633	M12	110	28	60	31.3	8	
AM132S/M	230	16	265	5.0	300	686	M12	163	38	80	41.3	10	
AM132ML	230	16	265	5.0	300	686	M12	163	38	80	41.3	10	
AM160	250	18	300	6.0	350	744	M16	221	42	110	45.3	12	
AM180	250	18	300	6.0	350	744	M16	221	48	110	51.8	14	
AM200	300	20	350	7.0	400	785	M16	262	55	110	59.3	16	
AM225	350	22	400	7.0	450	800	M16	277	60	140	64.4	18	

FA107..

42 074 01 01



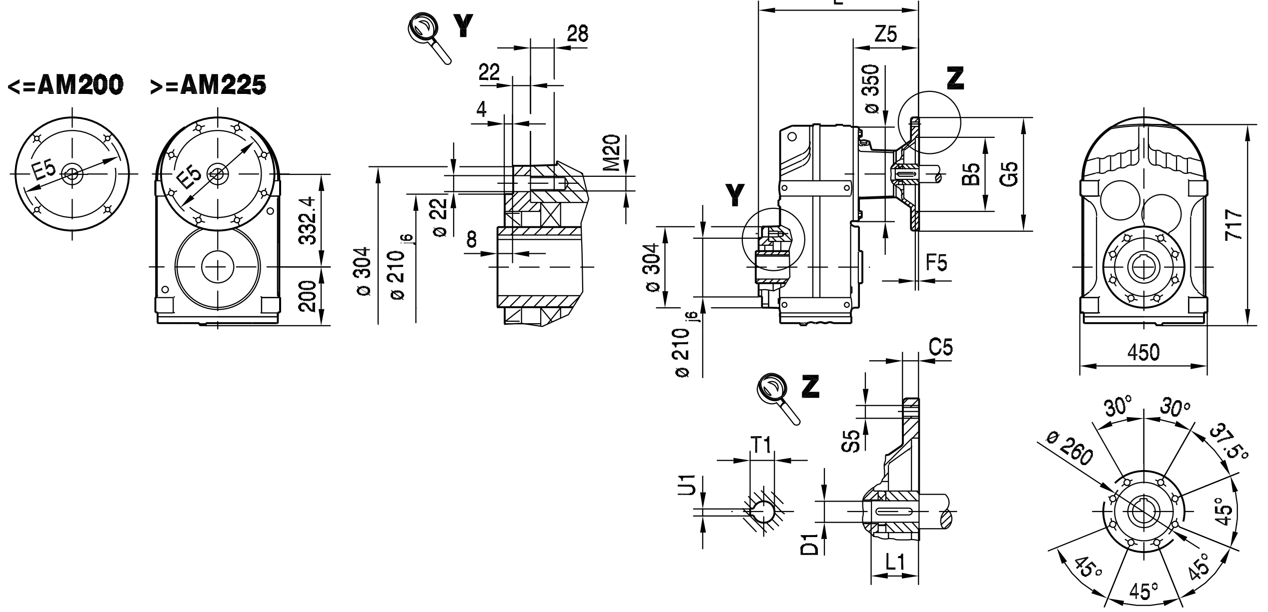
FA107..   FH107..   FV107..



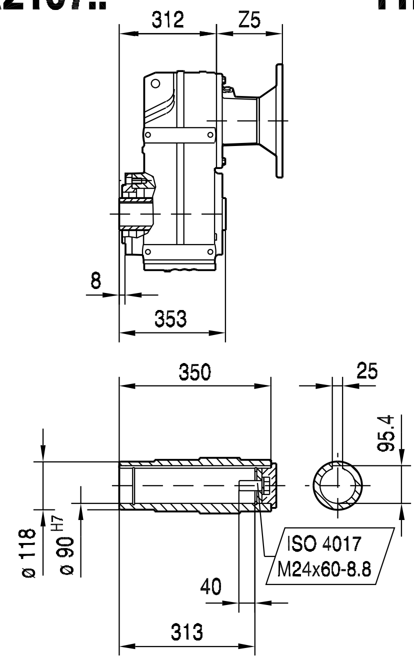
(→ 📖 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1	
AM100	180	15	215	5.0	250	422	M12	110	28	60	31.3	8	
AM112	180	15	215	5.0	250	422	M12	110	28	60	31.3	8	
AM132S/M	230	16	265	5.0	300	475	M12	163	38	80	41.3	10	
AM132ML	230	16	265	5.0	300	475	M12	163	38	80	41.3	10	
AM160	250	18	300	6.0	350	533	M16	221	42	110	45.3	12	
AM180	250	18	300	6.0	350	533	M16	221	48	110	51.8	14	
AM200	300	20	350	7.0	400	574	M16	262	55	110	59.3	16	
AM225	350	22	400	7.0	450	589	M16	277	60	140	64.4	18	

FAZ107..

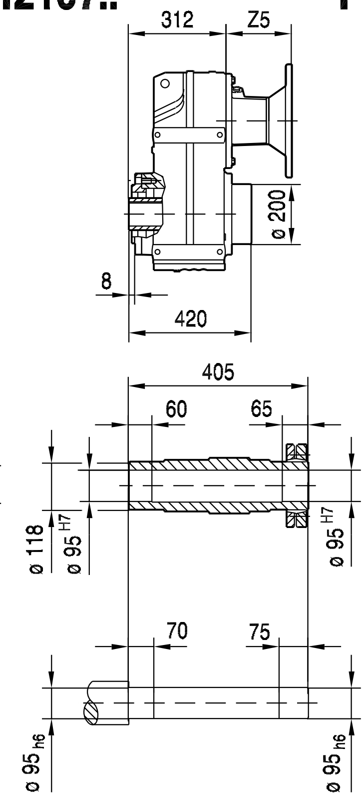
42 075 01 01



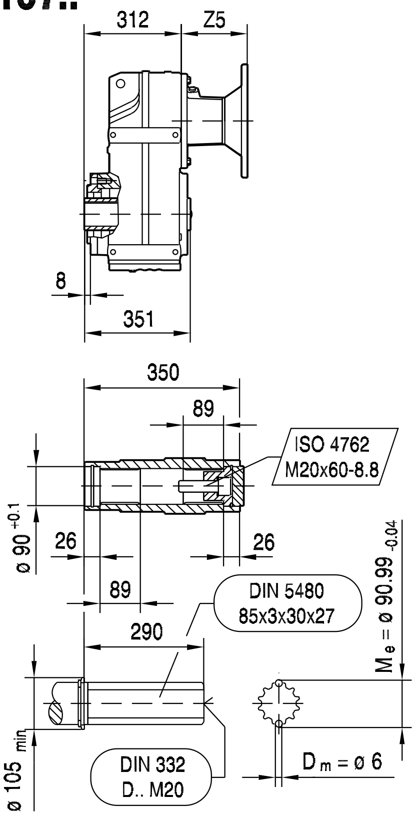
FAZ107..



FHZ107..



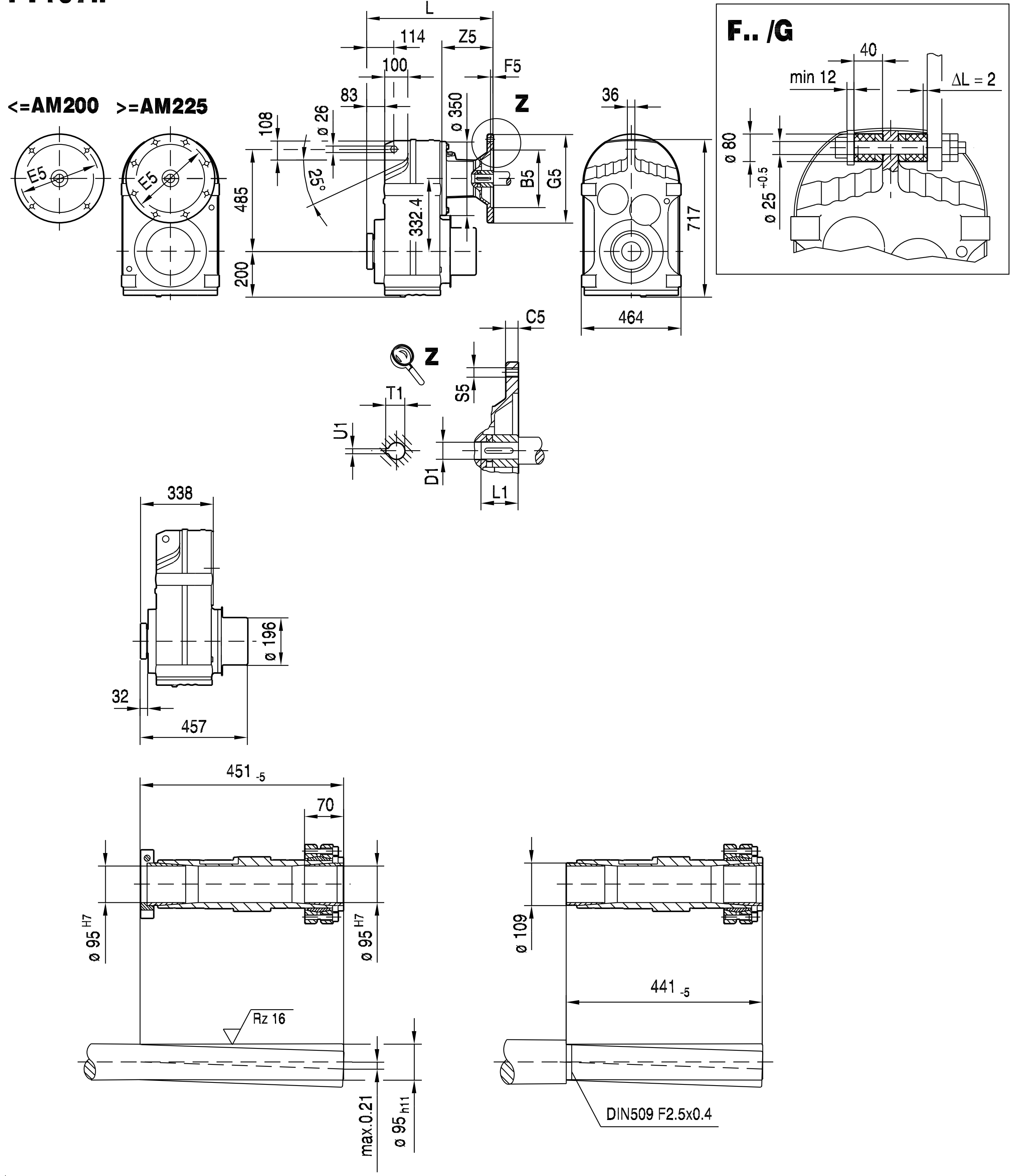
FVZ107..



(→ 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1
AM100	180	15	215	5.0	250	422	M12	110	28	60	31.3	8
AM112	180	15	215	5.0	250	422	M12	110	28	60	31.3	8
AM132S/M	230	16	265	5.0	300	475	M12	163	38	80	41.3	10
AM132ML	230	16	265	5.0	300	475	M12	163	38	80	41.3	10
AM160	250	18	300	6.0	350	533	M16	221	42	110	45.3	12
AM180	250	18	300	6.0	350	533	M16	221	48	110	51.8	14
AM200	300	20	350	7.0	400	574	M16	262	55	110	59.3	16
AM225	350	22	400	7.0	450	589	M16	277	60	140	64.4	18

FT107..

42 003 00 07

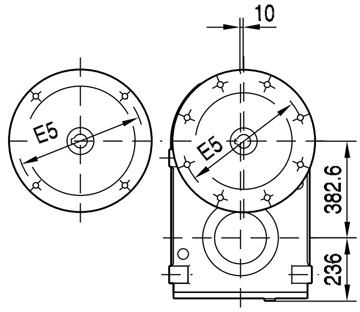


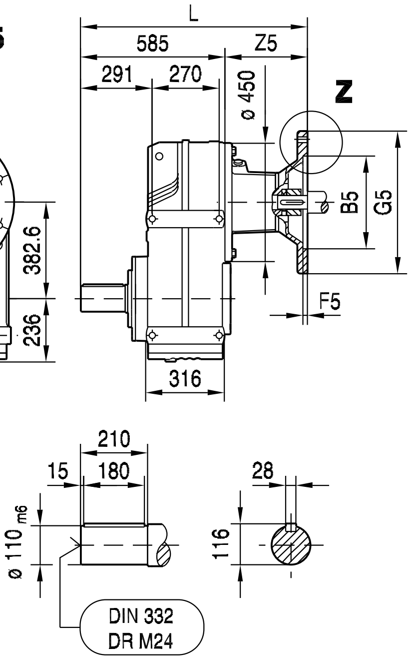
(→ 130)	B5	C5	E5	F5	G5	L	S5	Z5	D1	L1	T1	U1	
AM100	180	15	215	5.0	250	448	M12	110	28	60	31.3	8	
AM112	180	15	215	5.0	250	448	M12	110	28	60	31.3	8	
AM132S/M	230	16	265	5.0	300	501	M12	163	38	80	41.3	10	
AM132ML	230	16	265	5.0	300	501	M12	163	38	80	41.3	10	
AM160	250	18	300	6.0	350	559	M16	221	42	110	45.3	12	
AM180	250	18	300	6.0	350	559	M16	221	48	110	51.8	14	
AM200	300	20	350	7.0	400	600	M16	262	55	110	59.3	16	
AM225	350	22	400	7.0	450	615	M16	277	60	140	64.4	18	

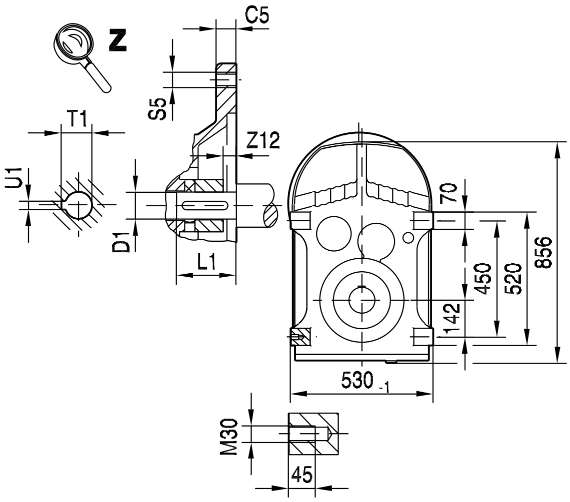
42 076 01 01

F127..

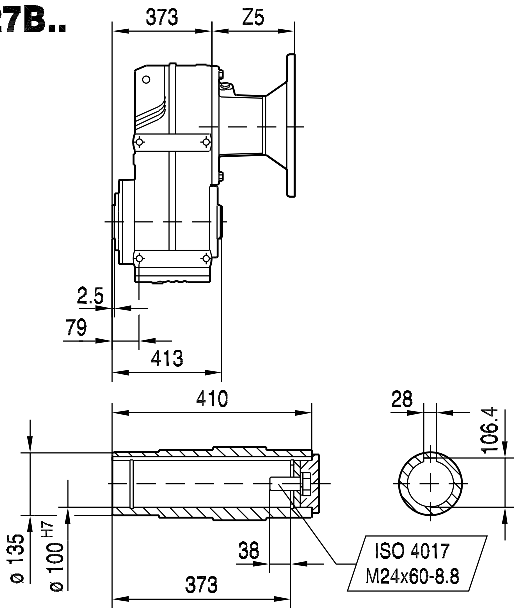
<=AM200 >=AM225



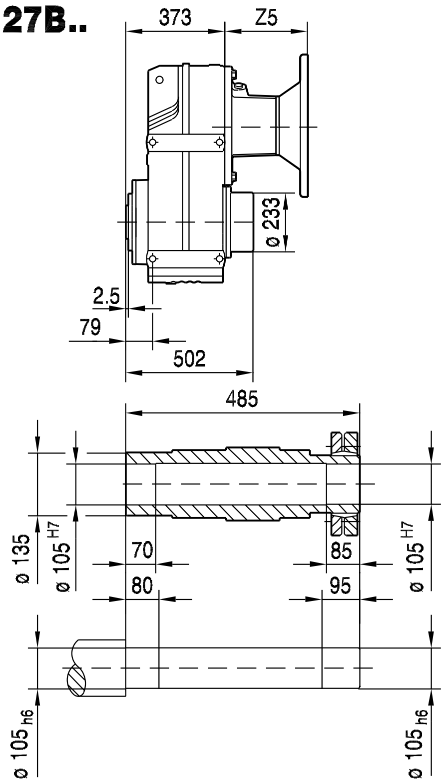




FA127B..



FH127B..

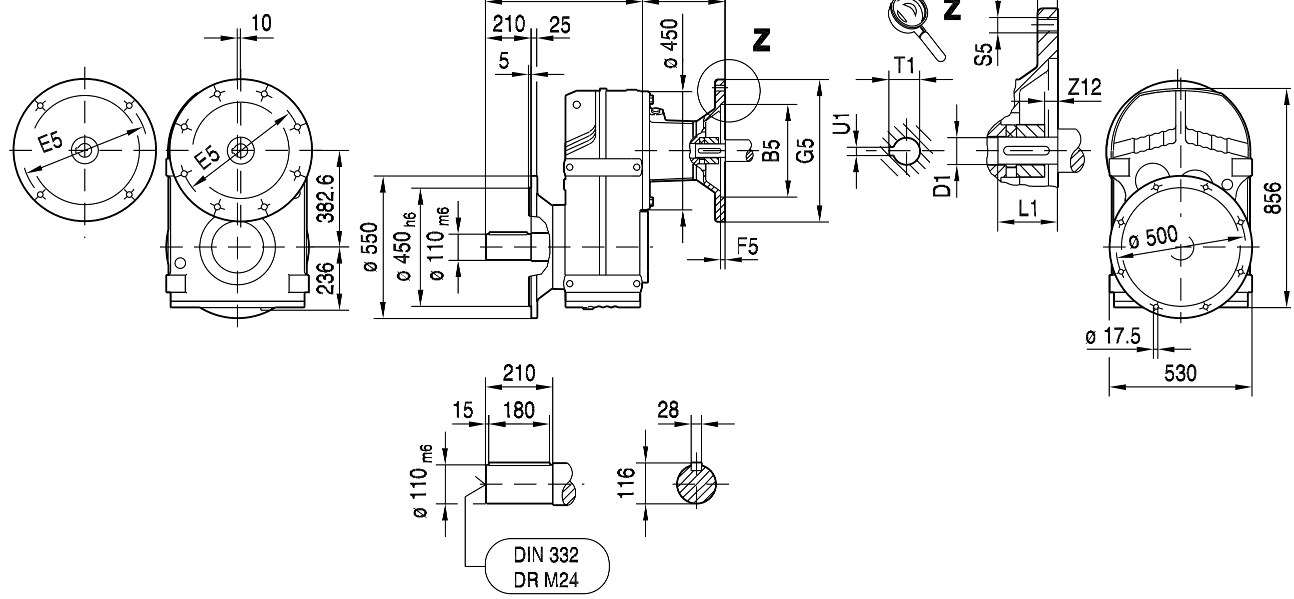


(→ 📖 130)	B5	C5	E5	F5	G5	L	S5	Z5	Z12	D1	L1	T1	U1
AM132S/M	230	16	265	5.0	300	733	M12	148	0	38	80	41.3	10
AM132ML	230	16	265	5.0	300	733	M12	148	0	38	80	41.3	10
AM160	250	18	300	6.0	350	791	M16	206	0	42	110	45.3	12
AM180	250	18	300	6.0	350	791	M16	206	0	48	110	51.8	14
AM200	300	20	350	7.0	400	832	M16	247	0	55	110	59.3	16
AM225	350	22	400	7.0	450	847	M16	262	0	60	140	64.4	18
AM250	450	25	500	7.0	550	921	M16	336	19	65	140	69.4	18
AM280	450	25	500	7.0	550	921	M16	336	19	75	140	79.9	20

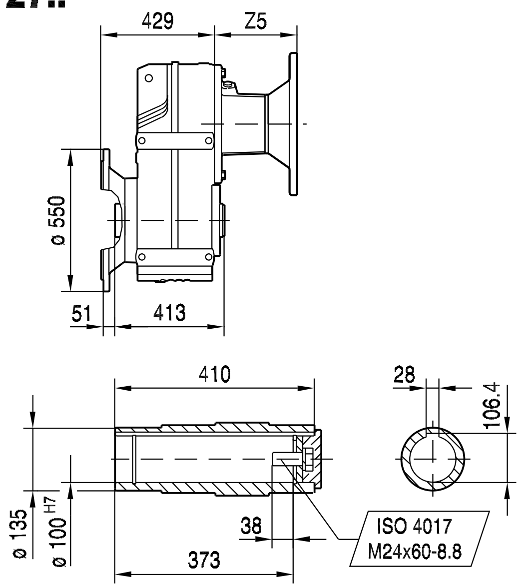
42 077 01 01

FF127..

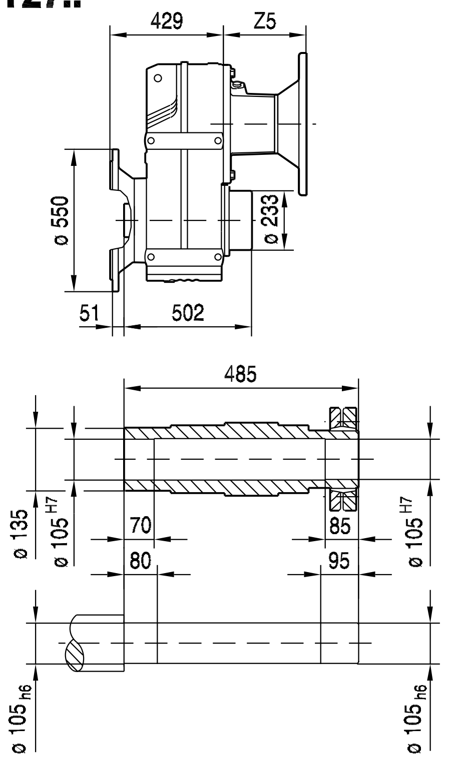
<=AM200 >=AM225



FAF127..



FHF127..

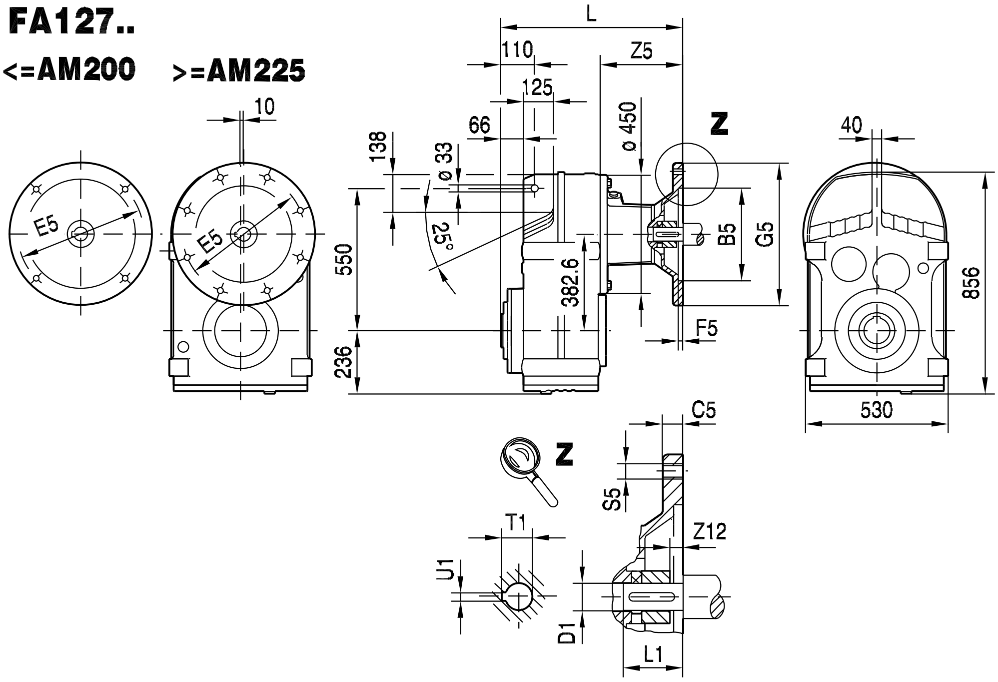


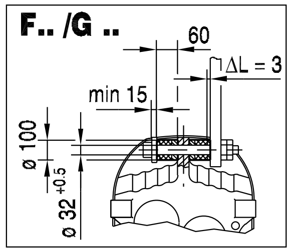
(→ 📖 130)	B5	C5	E5	F5	G5	L	S5	Z5	Z12	D1	L1	T1	U1
AM132S/M	230	16	265	5.0	300	782	M12	148	0	38	80	41.3	10
AM132ML	230	16	265	5.0	300	782	M12	148	0	38	80	41.3	10
AM160	250	18	300	6.0	350	840	M16	206	0	42	110	45.3	12
AM180	250	18	300	6.0	350	840	M16	206	0	48	110	51.8	14
AM200	300	20	350	7.0	400	881	M16	247	0	55	110	59.3	16
AM225	350	22	400	7.0	450	896	M16	262	0	60	140	64.4	18
AM250	450	25	500	7.0	550	970	M16	336	19	65	140	69.4	18
AM280	450	25	500	7.0	550	970	M16	336	19	75	140	79.9	20

42 078 01 01

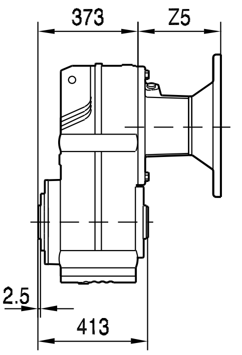
FA127..

<=AM200 >=AM225

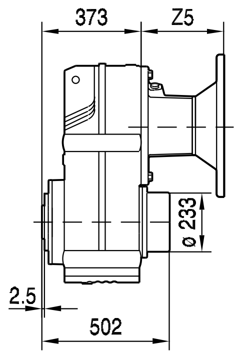


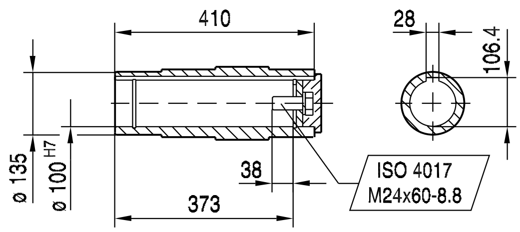


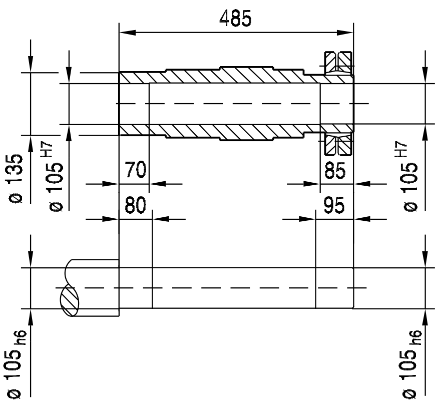
FA127..



FH127..





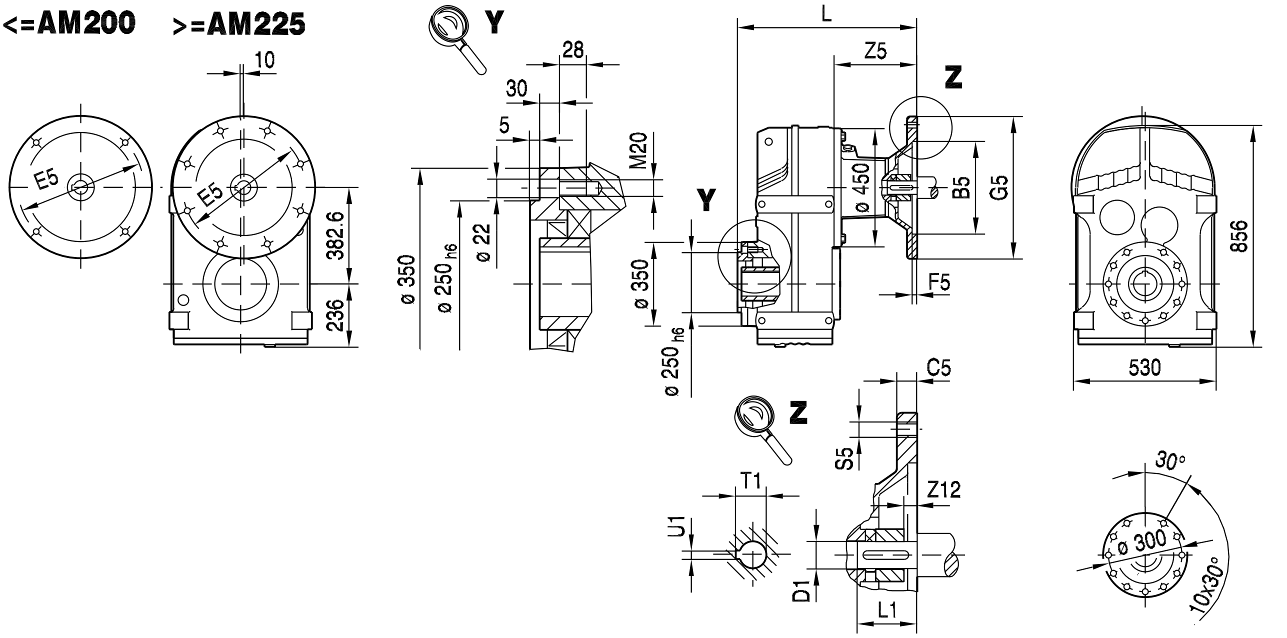


9

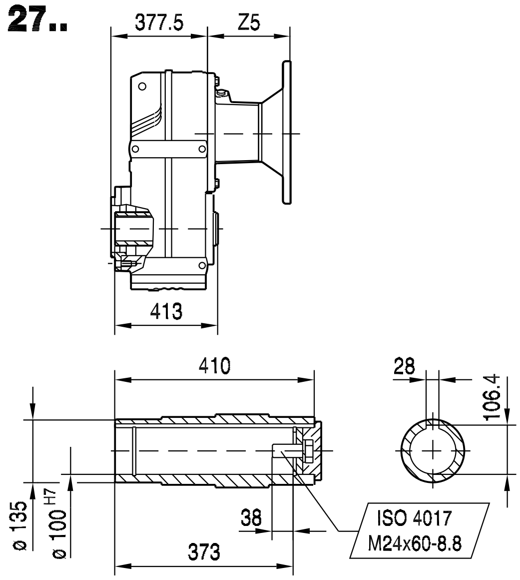
(→ 📖 130)	B5	C5	E5	F5	G5	L	S5	Z5	Z12	D1	L1	T1	U1
AM132S/M	230	16	265	5.0	300	521	M12	148	0	38	80	41.3	10
AM132ML	230	16	265	5.0	300	521	M12	148	0	38	80	41.3	10
AM160	250	18	300	6.0	350	579	M16	206	0	42	110	45.3	12
AM180	250	18	300	6.0	350	579	M16	206	0	48	110	51.8	14
AM200	300	20	350	7.0	400	620	M16	247	0	55	110	59.3	16
AM225	350	22	400	7.0	450	635	M16	262	0	60	140	64.4	18
AM250	450	25	500	7.0	550	709	M16	336	19	65	140	69.4	18
AM280	450	25	500	7.0	550	709	M16	336	19	75	140	79.9	20

42 079 01 01

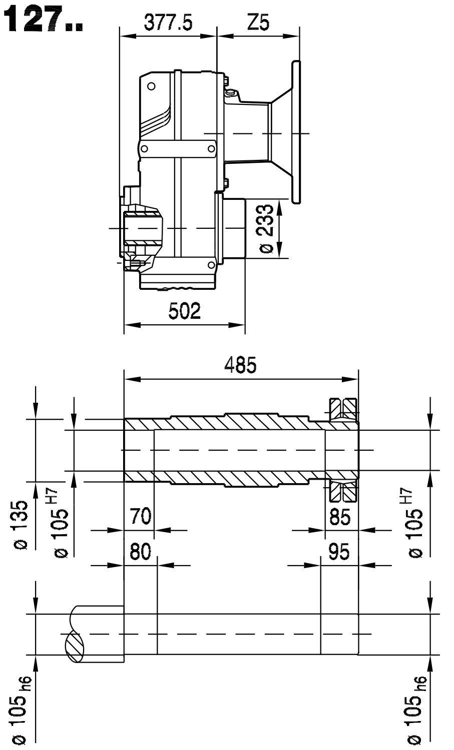
FAZ127..



FAZ127..



FHZ127..

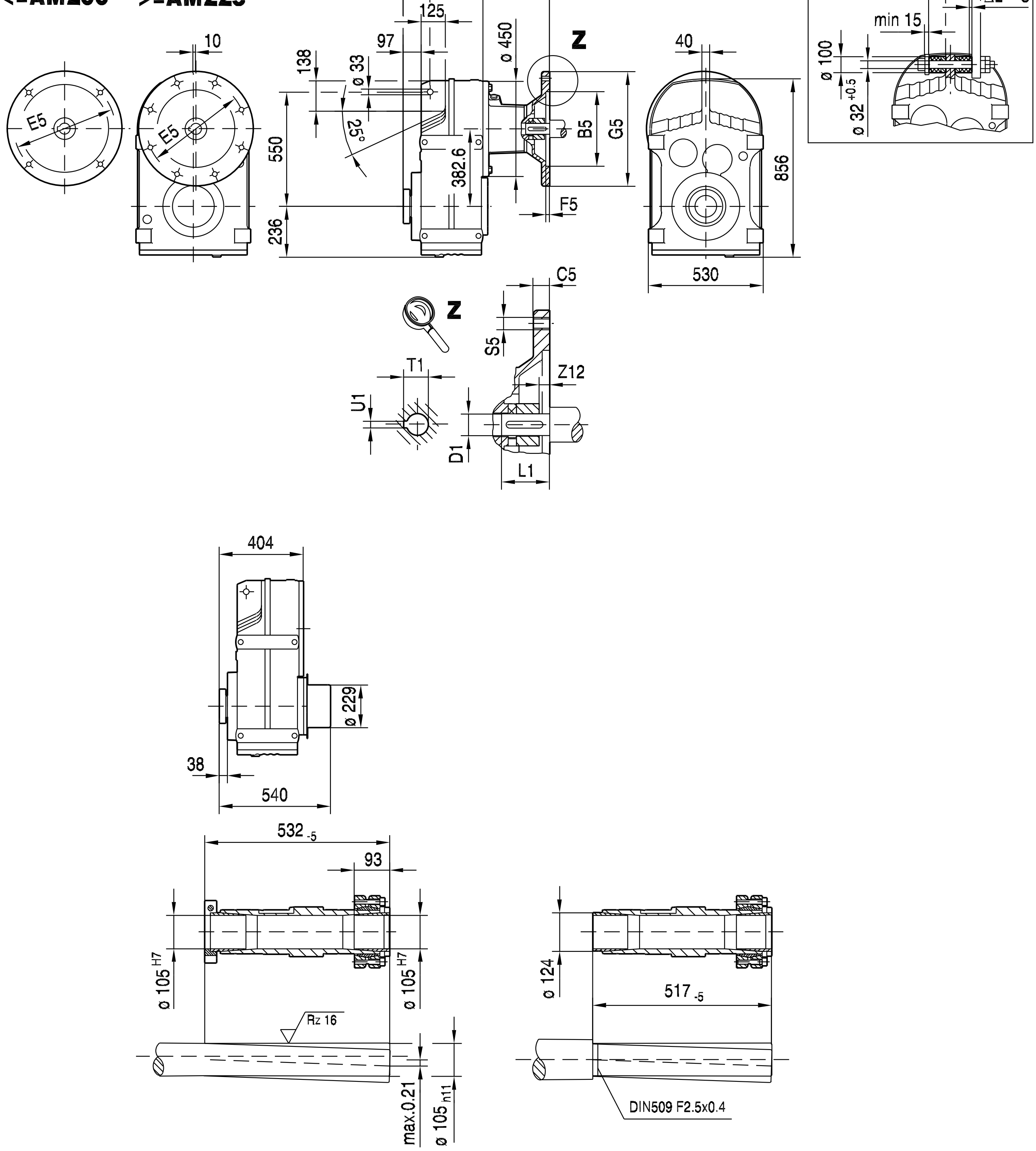


(→ 130)	B5	C5	E5	F5	G5	L	S5	Z5	Z12	D1	L1	T1	U1
AM132S/M	230	16	265	5.0	300	526	M12	148	0	38	80	41.3	10
AM132ML	230	16	265	5.0	300	526	M12	148	0	38	80	41.3	10
AM160	250	18	300	6.0	350	584	M16	206	0	42	110	45.3	12
AM180	250	18	300	6.0	350	584	M16	206	0	48	110	51.8	14
AM200	300	20	350	7.0	400	625	M16	247	0	55	110	59.3	16
AM225	350	22	400	7.0	450	640	M16	262	0	60	140	64.4	18
AM250	450	25	500	7.0	550	714	M16	336	19	65	140	69.4	18
AM280	450	25	500	7.0	550	714	M16	336	19	75	140	79.9	20

42 004 00 07

FT127..

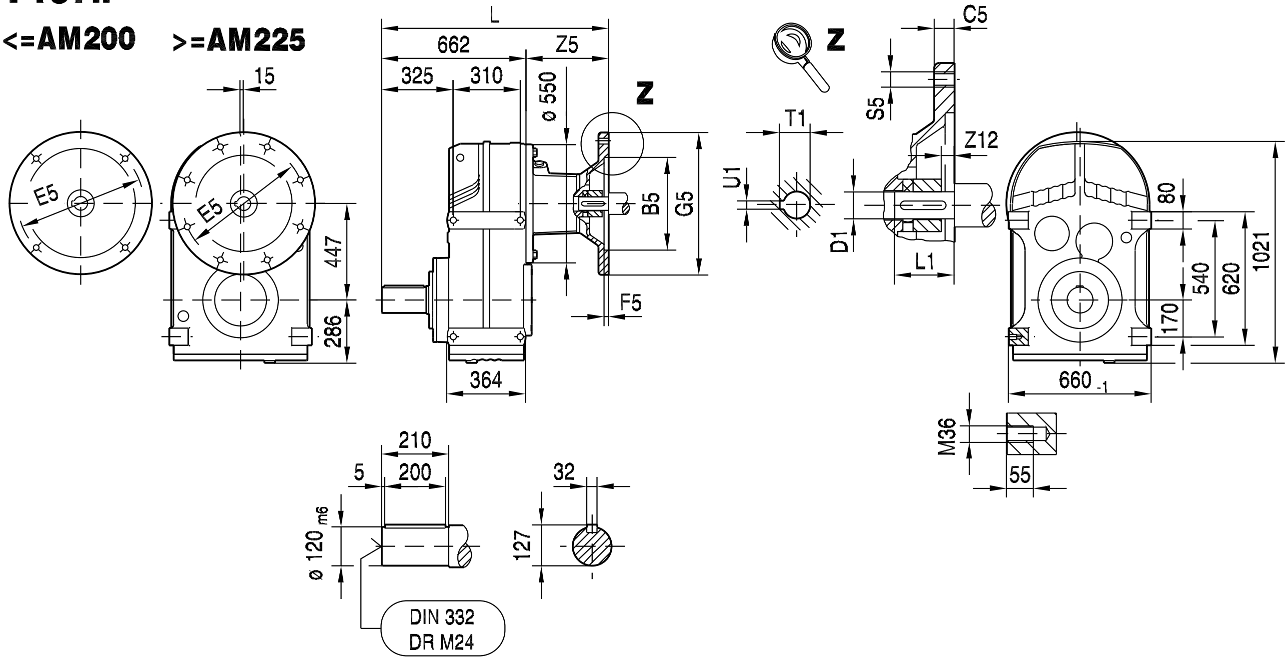
<=AM200 >=AM225



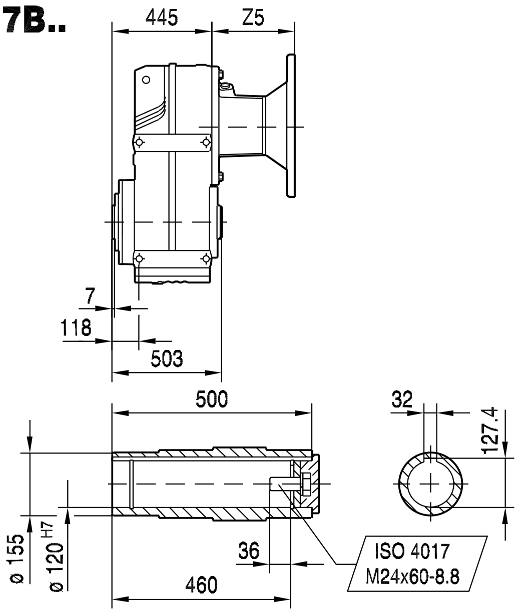
(→ 130)	B5	C5	E5	F5	G5	L	S5	Z5	Z12	D1	L1	T1	U1
AM132S/M	230	16	265	5.0	300	552	M12	148	0	38	80	41.3	10
AM132ML	230	16	265	5.0	300	552	M12	148	0	38	80	41.3	10
AM160	250	18	300	6.0	350	610	M16	206	0	42	110	45.3	12
AM180	250	18	300	6.0	350	610	M16	206	0	48	110	51.8	14
AM200	300	20	350	7.0	400	651	M16	247	0	55	110	59.3	16
AM225	350	22	400	7.0	450	666	M16	262	0	60	140	64.4	18
AM250	450	25	500	7.0	550	740	M16	336	19	65	140	69.4	18
AM280	450	25	500	7.0	550	740	M16	336	19	75	140	79.9	20

42 080 01 01

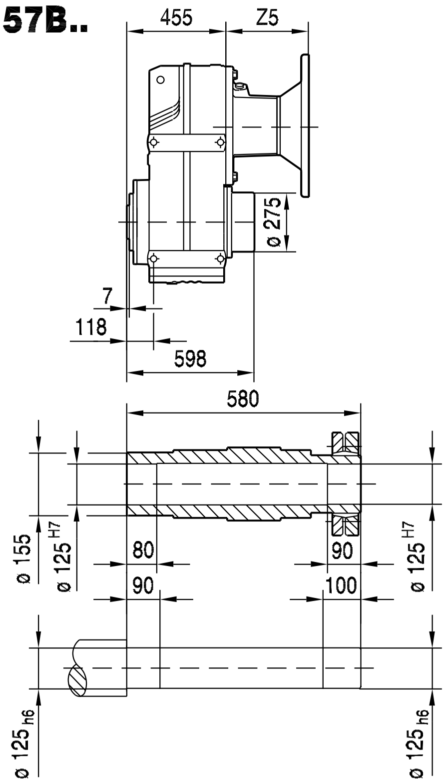
F157..



FA157B..



FH157B..

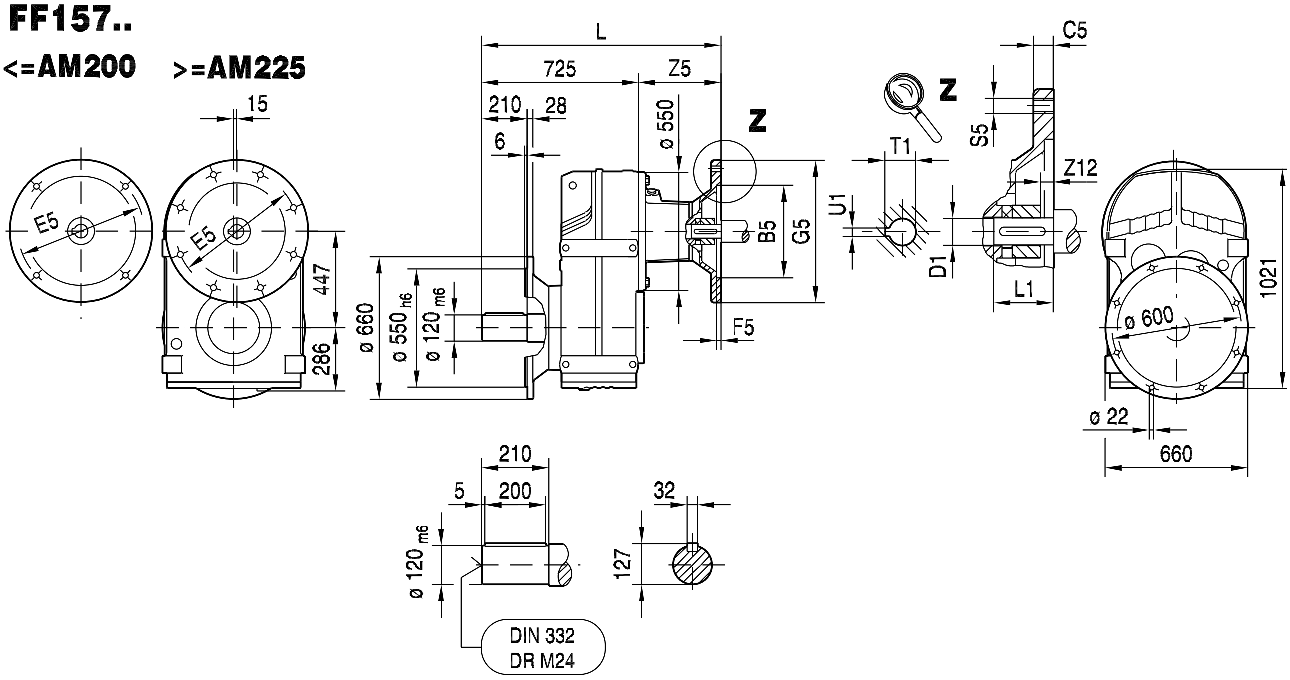


(→ 130)	B5	C5	E5	F5	G5	L	S5	Z5	Z12	D1	L1	T1	U1
AM160	250	18	300	6.0	350	860	M16	198	0	42	110	45.3	12
AM180	250	18	300	6.0	350	860	M16	198	0	48	110	51.8	14
AM200	300	20	350	7.0	400	901	M16	239	0	55	110	59.3	16
AM225	350	22	400	7.0	450	916	M16	254	0	60	140	64.4	18
AM250	450	25	500	7.0	550	990	M16	328	19	65	140	69.4	18
AM280	450	25	500	7.0	550	990	M16	328	19	75	140	79.9	20

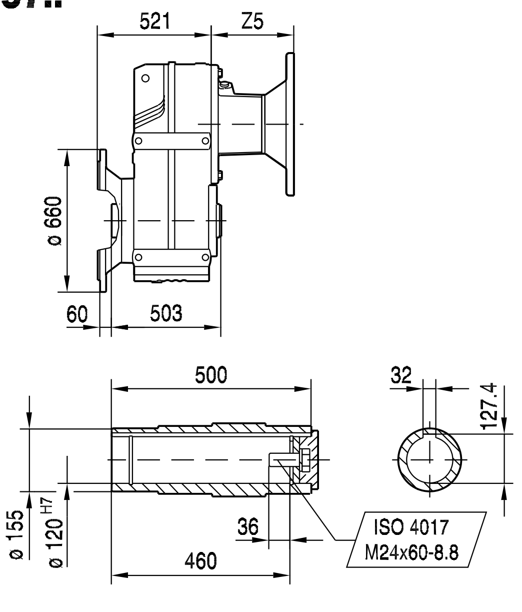
42 081 01 01

FF157..

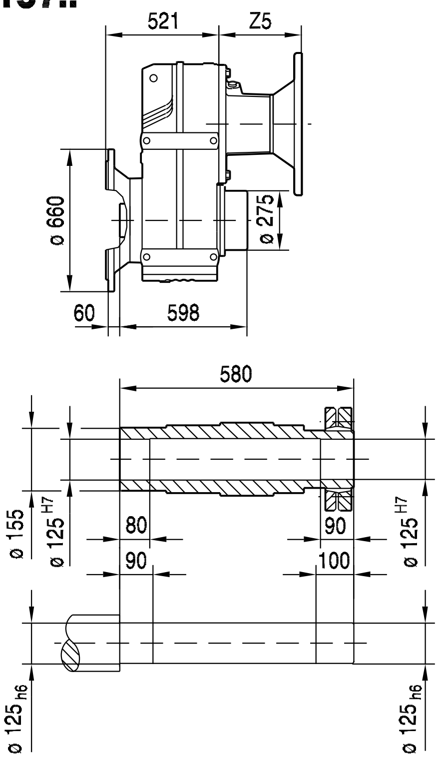
<=AM200 >=AM225



FAF157..



FHF157..

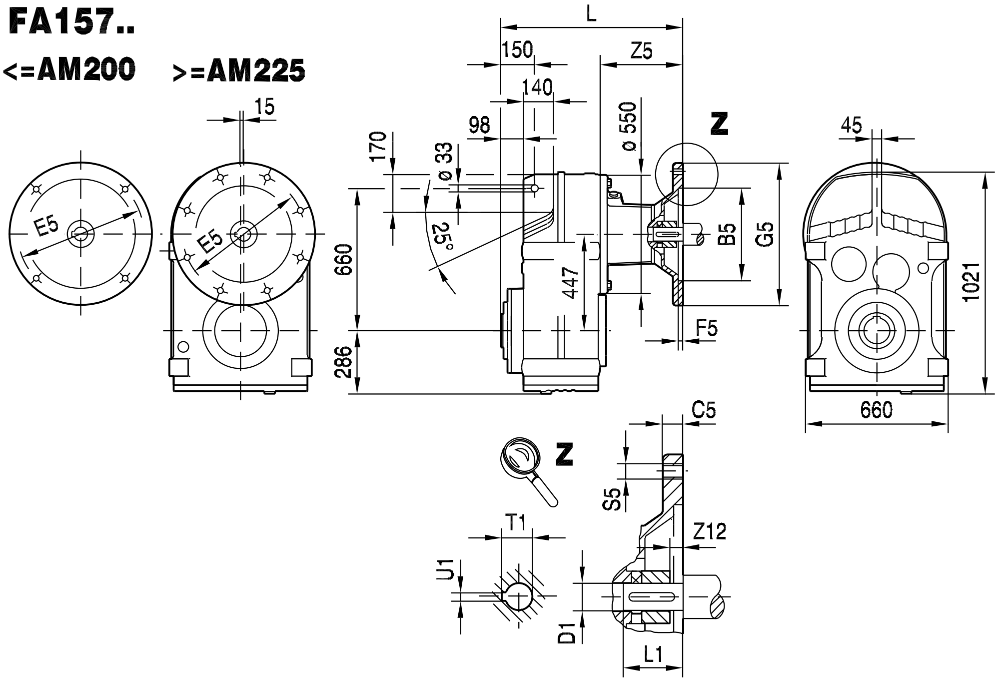


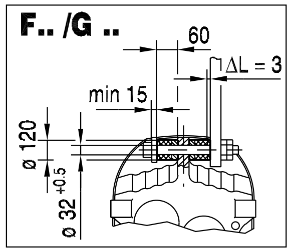
(→ 130)	B5	C5	E5	F5	G5	L	S5	Z5	Z12	D1	L1	T1	U1
AM160	250	18	300	6.0	350	923	M16	198	0	42	110	45.3	12
AM180	250	18	300	6.0	350	923	M16	198	0	48	110	51.8	14
AM200	300	20	350	7.0	400	964	M16	239	0	55	110	59.3	16
AM225	350	22	400	7.0	450	979	M16	254	0	60	140	64.4	18
AM250	450	25	500	7.0	550	1053	M16	328	19	65	140	69.4	18
AM280	450	25	500	7.0	550	1053	M16	328	19	75	140	79.9	20

42 082 01 01

FA157..

<=AM200 **>=AM225**





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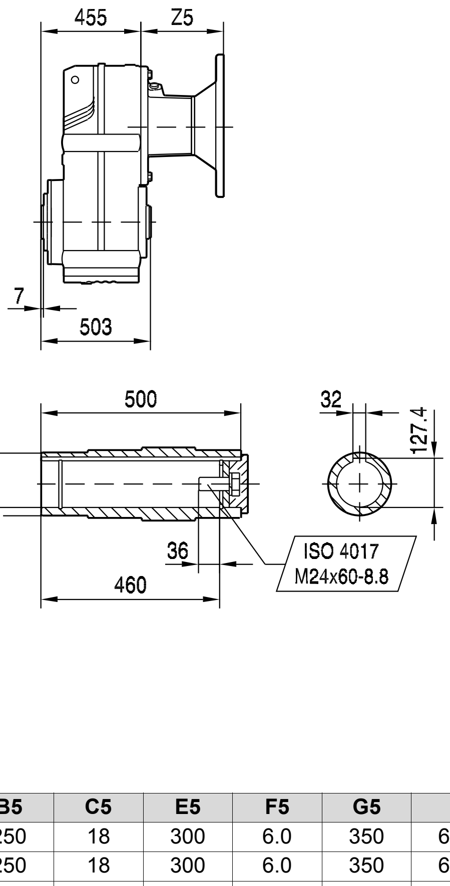
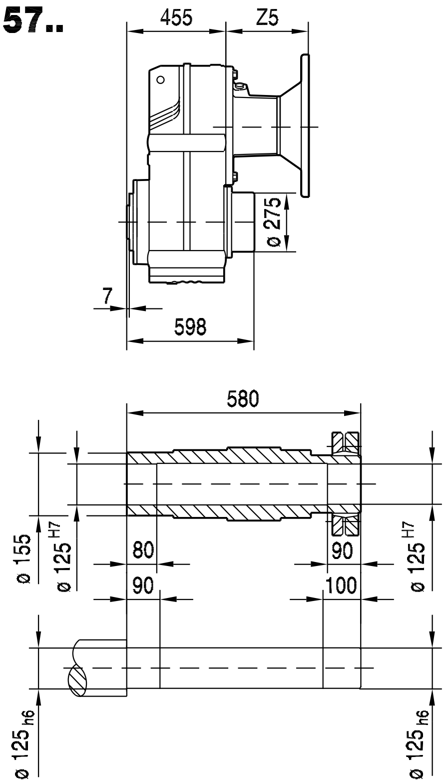


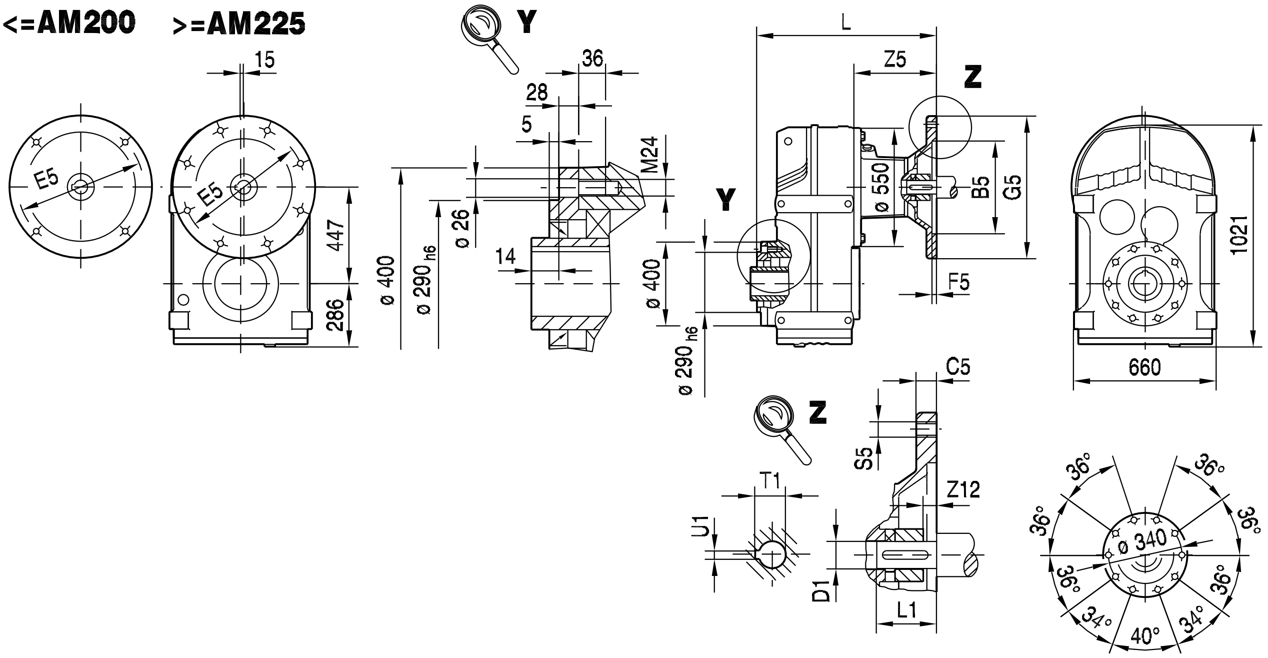
FH157..



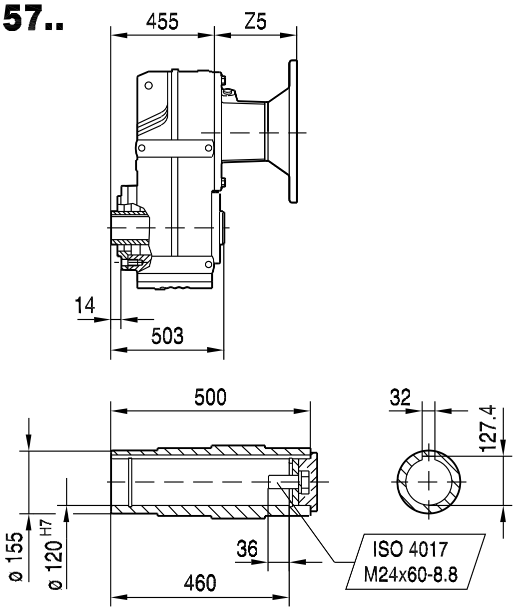
(→ 📖 130)	B5	C5	E5	F5	G5	L	S5	Z5	Z12	D1	L1	T1	U1
AM160	250	18	300	6.0	350	653	M16	198	0	42	110	45.3	12
AM180	250	18	300	6.0	350	653	M16	198	0	48	110	51.8	14
AM200	300	20	350	7.0	400	694	M16	239	0	55	110	59.3	16
AM225	350	22	400	7.0	450	709	M16	254	0	60	140	64.4	18
AM250	450	25	500	7.0	550	783	M16	328	19	65	140	69.4	18
AM280	450	25	500	7.0	550	783	M16	328	19	75	140	79.9	20

42 083 01 01

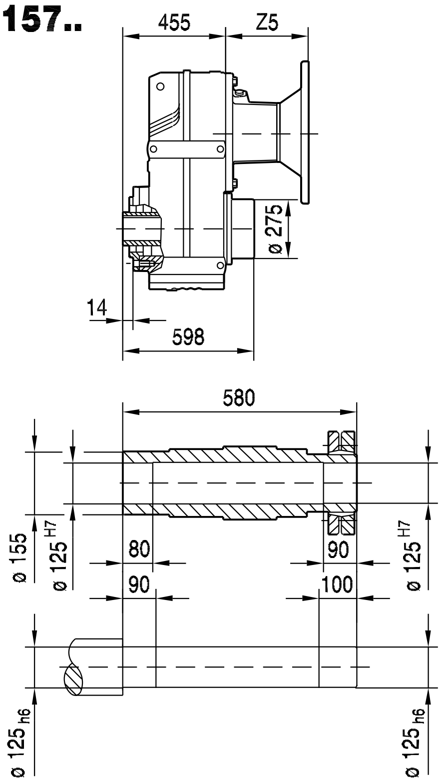
FAZ157..



FAZ157..



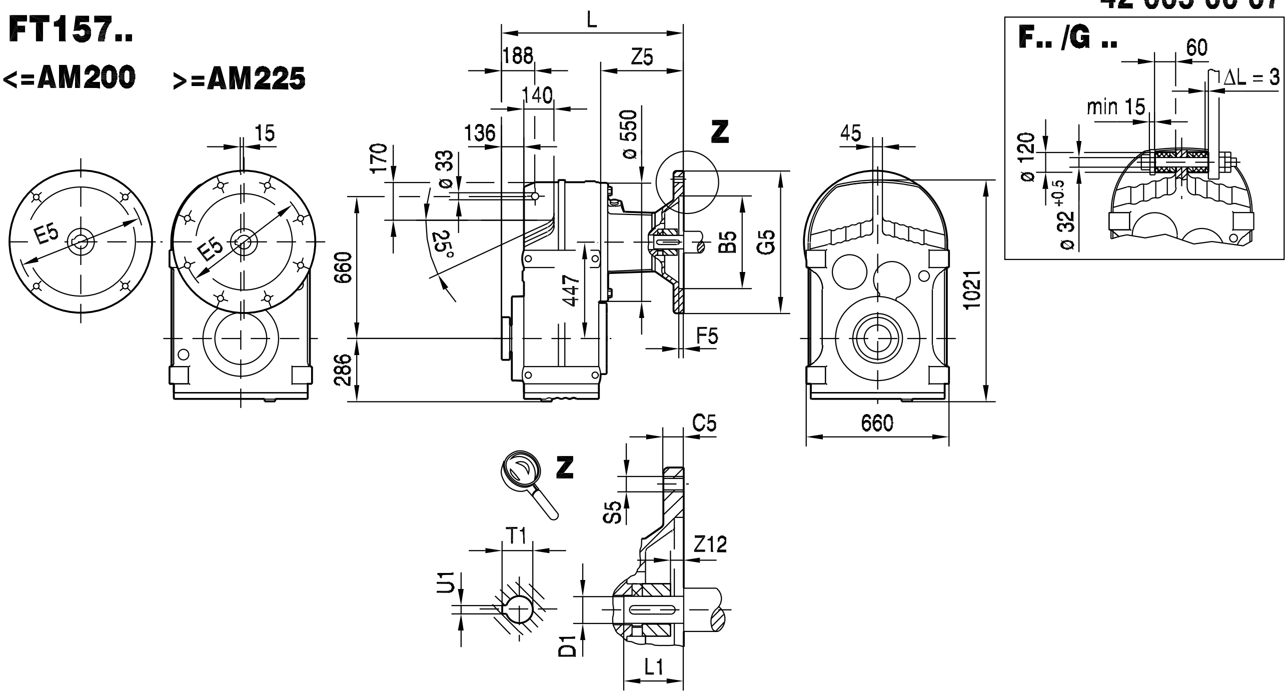
FHZ157..

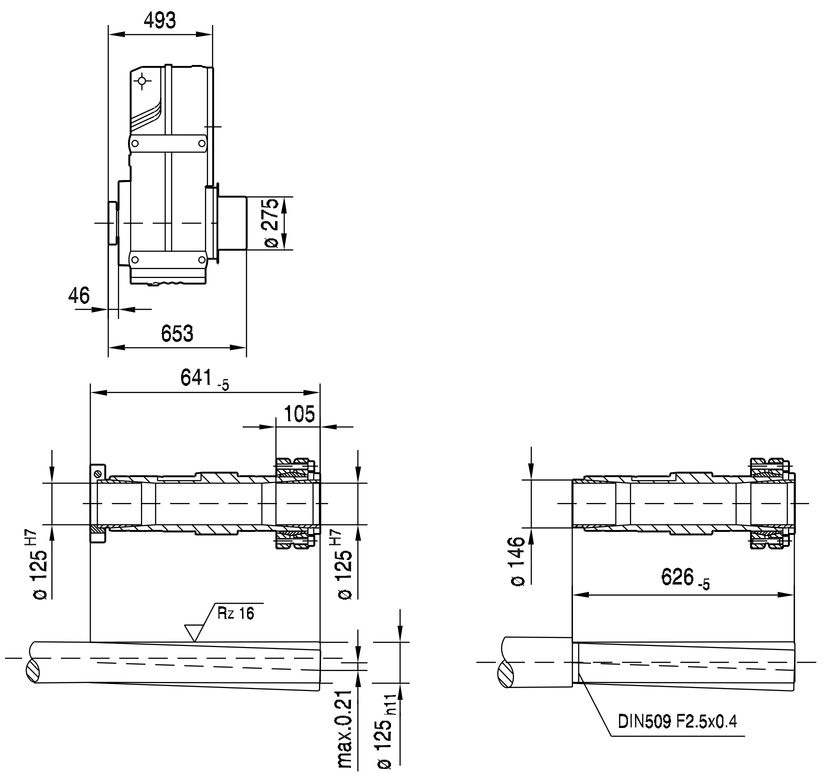


9

(→ 📖 130)	B5	C5	E5	F5	G5	L	S5	Z5	Z12	D1	L1	T1	U1
AM160	250	18	300	6.0	350	653	M16	198	0	42	110	45.3	12
AM180	250	18	300	6.0	350	653	M16	198	0	48	110	51.8	14
AM200	300	20	350	7.0	400	694	M16	239	0	55	110	59.3	16
AM225	350	22	400	7.0	450	709	M16	254	0	60	140	64.4	18
AM250	450	25	500	7.0	550	783	M16	328	19	65	140	69.4	18
AM280	450	25	500	7.0	550	783	M16	328	19	75	140	79.9	20

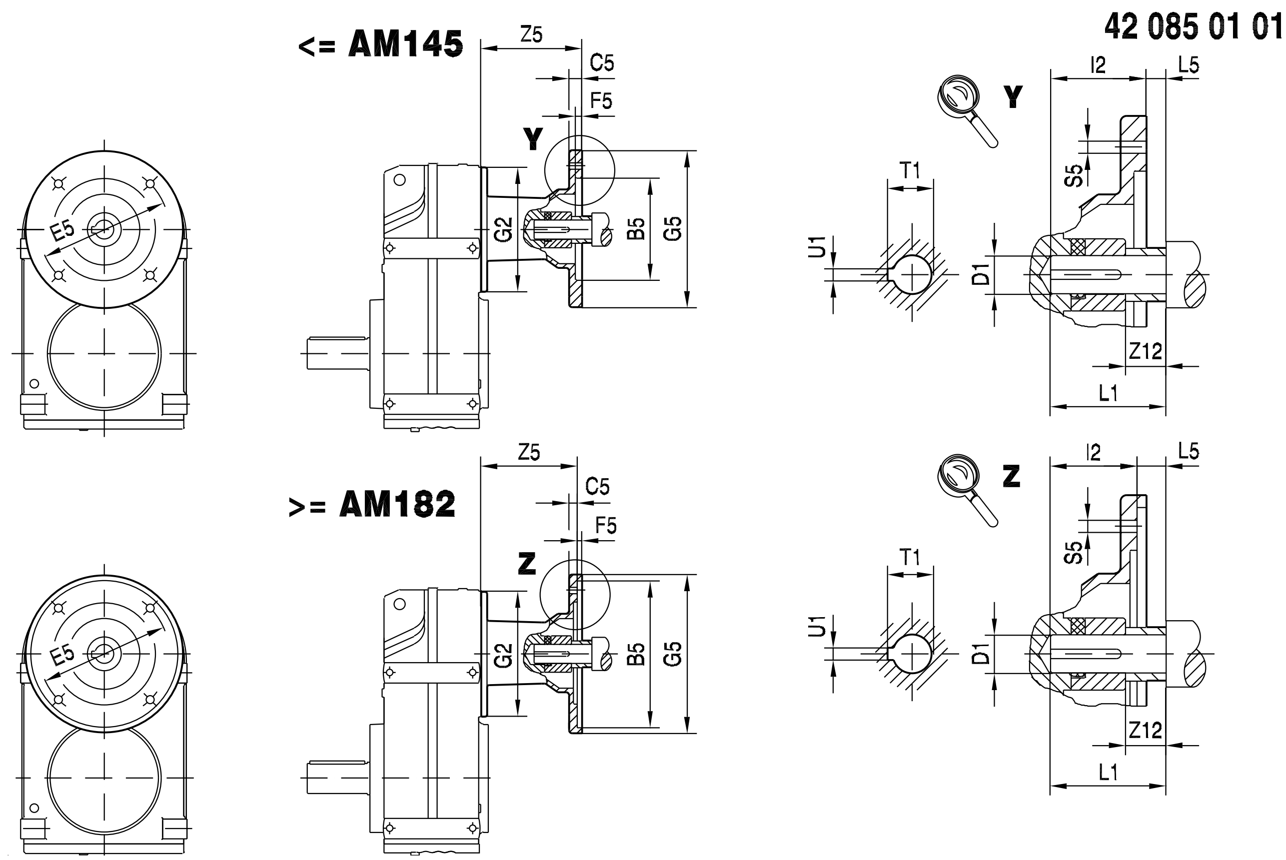
42 005 00 07





(→ 📖 130)	B5	C5	E5	F5	G5	L	S5	Z5	Z12	D1	L1	T1	U1
AM160	250	18	300	6.0	350	691	M16	198	0	42	110	45.3	12
AM180	250	18	300	6.0	350	691	M16	198	0	48	110	51.8	14
AM200	300	20	350	7.0	400	732	M16	239	0	55	110	59.3	16
AM225	350	22	400	7.0	450	747	M16	254	0	60	140	64.4	18
AM250	450	25	500	7.0	550	821	M16	328	19	65	140	69.4	18
AM280	450	25	500	7.0	550	821	M16	328	19	75	140	79.9	20

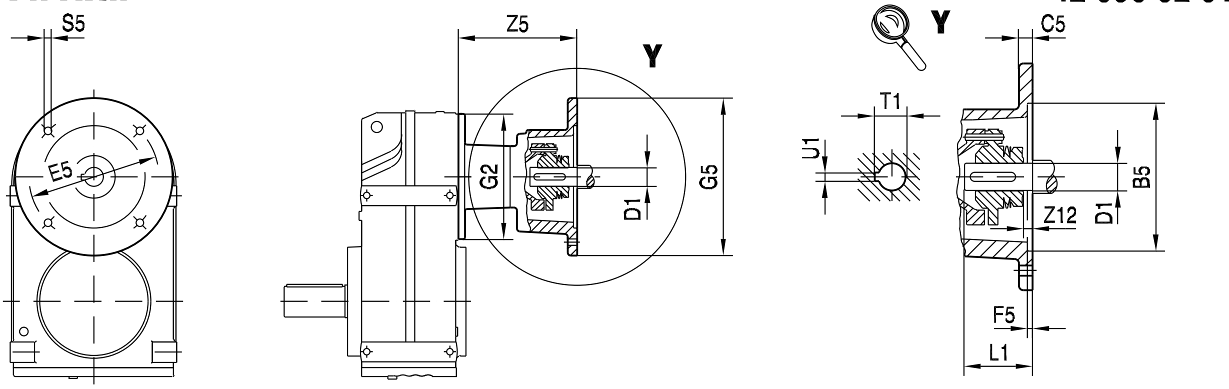
9.5 F.. AM.. (NEMA) [mm]



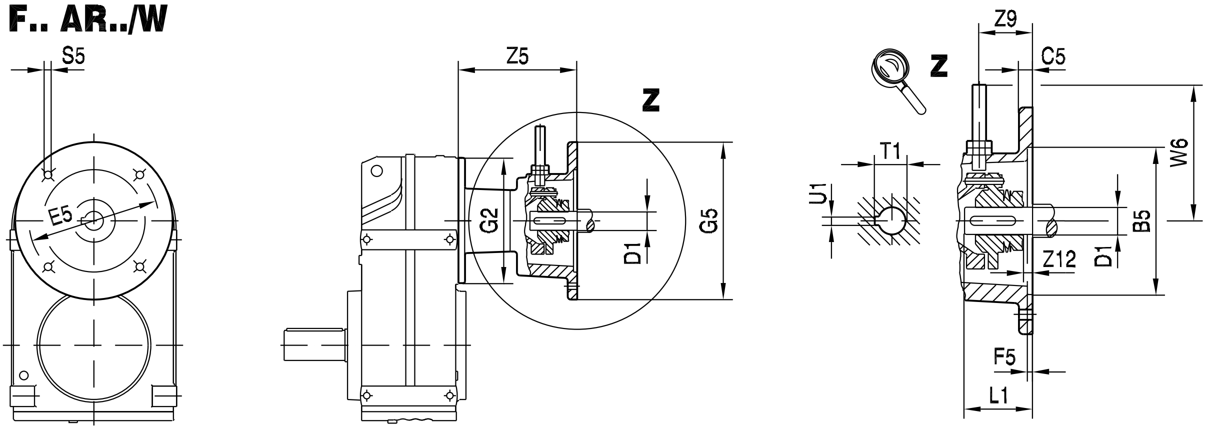
		B5	C5	E5	F5	G2	G5	I2	L5	S5	Z5	Z12	D1	L1	T1	U1
F..27 F..37 F..47	**AM56**	114.3	11	149.2	4.5	120	170	52.55	-4.8	10.5	93.5	16.5	15.875	47.75	18.1	4.76
	AM143		12					54.1	3.05		117	14.5	22.225	57.15	24.7	
	AM145															
F..57 F..67	**AM56**	114.3	11	149.2	4.5	160	170	52.55	-4.8	10.5	87	16.5	15.875	47.75	18.1	4.76
	AM143		12					54.1	3.05		110.5	14.5	22.225	57.15	24.7	
	AM145															
	AM182	215.9	10	184	5		228	66,85	3	15	147.5	16.5	28.575	69.85	31.7	6.35
	AM184															
	AM213/215		11					79.55	6.3		200.5	15.8	34.925	85.85	38.7	7.94
F..77	**AM56**	114.3	11	149.2	4.5	200	170	52.55	-4.8	10.5	81	16.5	15.875	47.75	18.1	4.76
	AM143		12					54.1	3.05		103.5	14.5	22.225	57.15	24.7	
	AM145															
	AM182	215.9	10	184	5		228	66,85	3	15	139.5	16.5	28.575	69.85	31.7	6.35
	AM184															
	AM213/215		11					79.55	6.3		188.5	15.8	34.925	85.85	38.7	7.94
F..87	**AM143**	114.3	12	149.2	4.5	250	170	54.1	3.05	10.5	98.5	14.5	22.225	57.15	24.7	4.76
	AM145															
	AM182	215.9	10	184	5		228	66,85	3	15	134.5	16.5	28.575	69.85	31.7	6.35
	AM184															
	AM213/215		11					79.55	6.3		183.5	15.8	34.925	85.85	38.7	7.94
	AM254/256		12					95.3	6.3		234	9	41.275	101.6	45.8	9.53
	AM284/286	266.7	15	228.6	5		286	111.05	6.3	15	241	15.8	47.625	117.35	53.4	12.7
F..97	**AM182**	215.9	10	184	5	300	228	66,85	3	15	129.5	16.5	28.575	69.85	31.7	6.35
	AM184															
	AM213/215		11					79.55	6.3		178.5	15.8	34.925	85.85	38.7	7.94
	AM254/256		12					95.3	6.3		229	9	41.275	101.6	45.8	9.53
	AM284/286	266.7	20	228.6	5		286	111.05	6.3	15	236	15.8	47.625	117.35	53.4	12.7
	AM324/326	317.5	17	279.4	5		356	127.05	6.3	17.5	296	34.8	53.975	133.35	60	12.7
	AM364/365							143.05					60.325	149.35	67.6	15.875

9.6 F.. AR.. [mm]

F.. AR.. 42 090 02 01



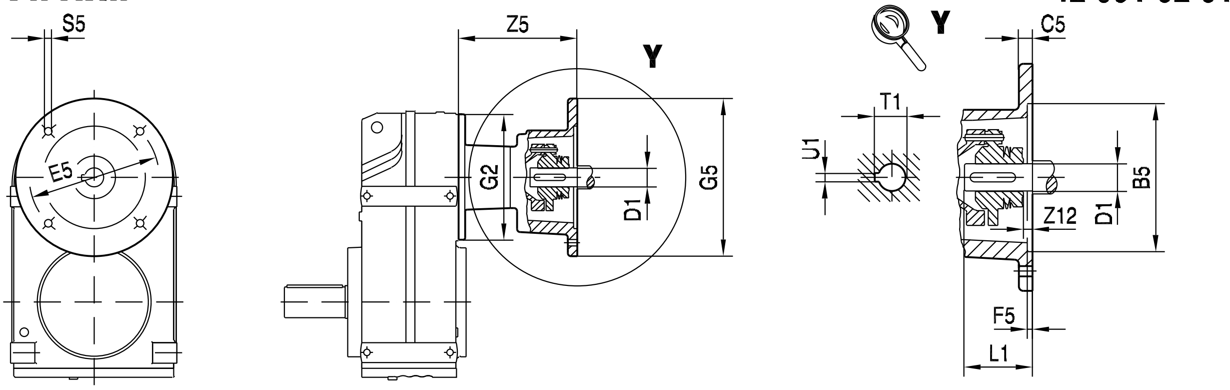
F.. AR../W



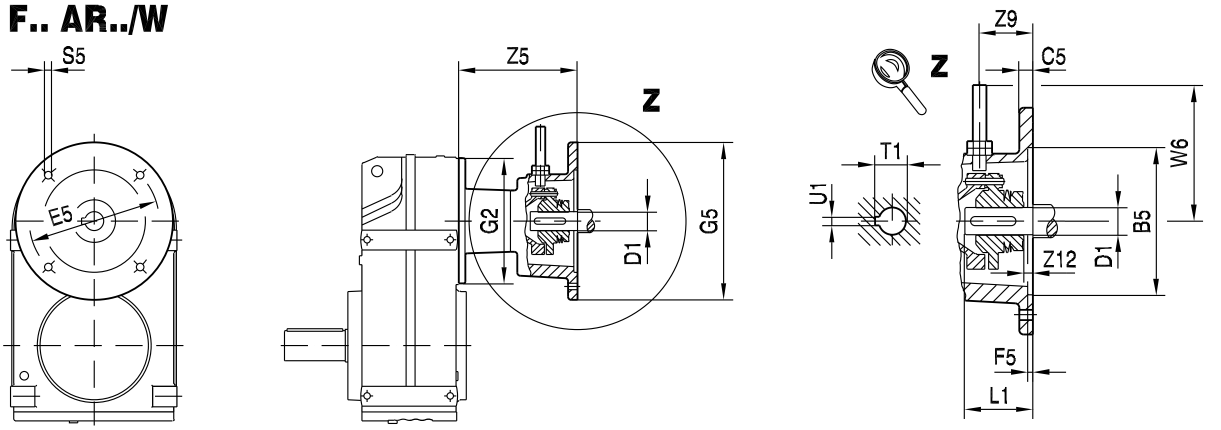
		B5	C5	E5	F5	G2	G5	S5	W6	Z5	Z9	Z12	D1	L1	T1	U1
F..27 F..37 F..47	AR71	110	10	130	3.5	120	160	M8	120	104	37	0	14	30	16.3	5
	AR80	130	12	165	4.5		200	M10		140.5			19	40	21.8	6
	AR90												24	50	27.3	8
F..57 F..67	AR71	110	10	130	3.5	160	160	M8	120	97.5	37	0	14	30	16.3	5
	AR80	130	12	165	4.5		200	M10		134			19	40	21.8	6
	AR90												24	50	27.3	8
	AR100	180	15	215	5		250	M12	130	174.5	52	5.5	28	60	31.3	8
	AR112															
F..77	AR71	110	10	130	3.5	200	160	M8	120	91.5	37	0	14	30	16.3	5
	AR80	130	12	165	4.5		200	M10		127			19	40	21.8	6
	AR90												24	50	27.3	8
	AR100	180	15	215	5		250	M12	130	166.5	52	5.5	28	60	31.3	8
	AR112															
	AR132S/M	230	16	265	5		300	M12	145	234	72	5	38	80	41.3	10
	AR132ML															
F..87	AR80	130	12	165	4.5	250	200	M10	120	122	37	0	19	40	21.8	6
	AR90												24	50	27.3	8
	AR100	180	15	215	5		250	M12	130	161.5	52	5.5	28	60	31.3	8
	AR112															
	AR132S/M	230	16	265	5		300	M12	145	229	72	5	38	80	41.3	10
	AR132ML															
	AR160	250	18	300	6		350	M16	165	306.5	105	35	42	110	45.3	12
	AR180												48	110	51.8	14

F.. AR..

42 091 02 01

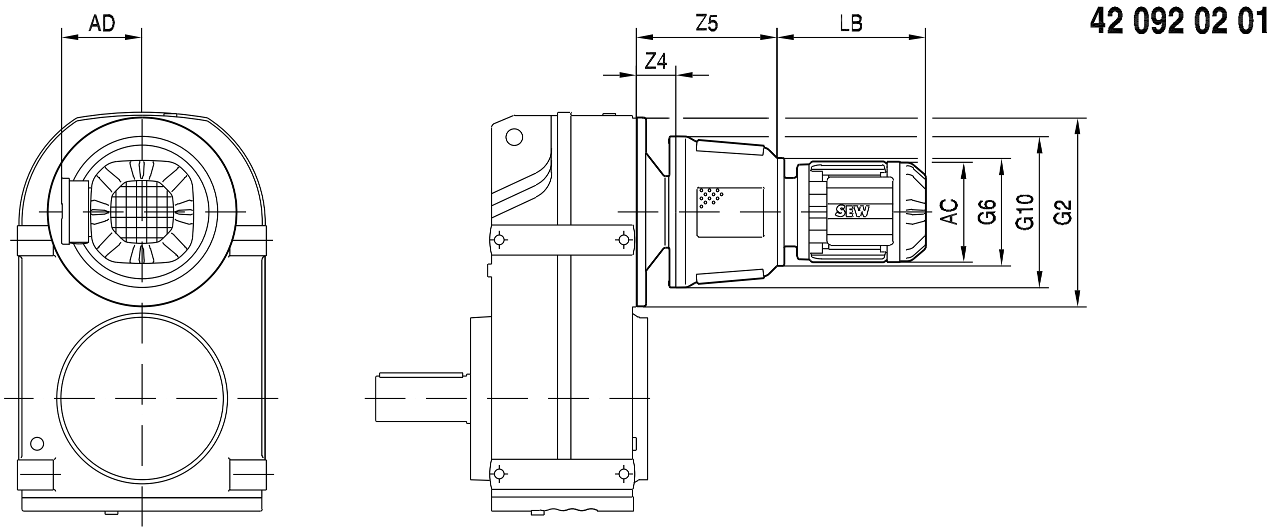


F.. AR../W



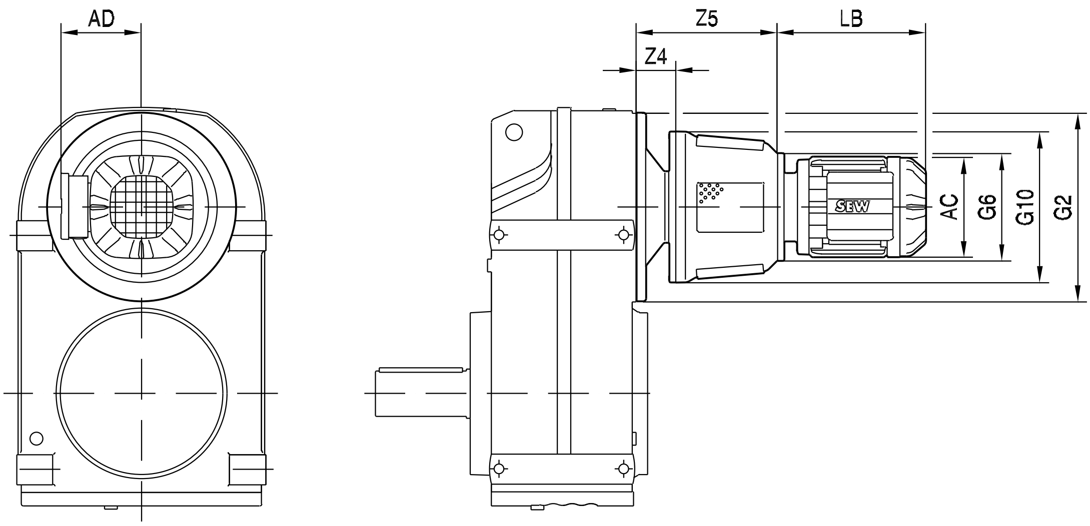
		B5	C5	E5	F5	G2	G5	S5	W6	Z5	Z9	Z12	D1	L1	T1	U1
F..97	AR100	180	15	215	5	300	250	M12	130	156.5	52	5.5	28	60	31.3	8
	AR112															
	AR132S/M	230	16	265	5		300	M12	145	224	72	5	38	80	41.3	10
	AR132ML															
	AR160	250	18	300	6		350	M16	165	301.5	105	35	42	110	45.3	12
	AR180												48	110	51.8	14
F..107	AR100	180	15	215	5	350	250	M12	130	150.5	52	5.5	28	60	31.3	8
	AR112															
	AR132S/M	230	16	265	5		300	M12	145	218	72	5	38	80	41.3	10
	AR132ML															
	AR160	250	18	300	6		350	M16	165	295.5	105	35	42	110	45.3	12
	AR180												48	110	51.8	14
F..147	AR132S/M	230	16	265	5	450	300	M12	145	203	72	5	38	80	41.3	10
	AR132ML															
	AR160	250	18	300	6		350	M16	165	280.5	105	35	42	110	45.3	12
	AR180												48	110	51.8	14
F..167	AR160	250	18	300	6	550	350	M16	165	272.5	105	35	42	110	45.3	12
	AR180												48	110	51.8	14

9.7 F.. AT.. [mm]



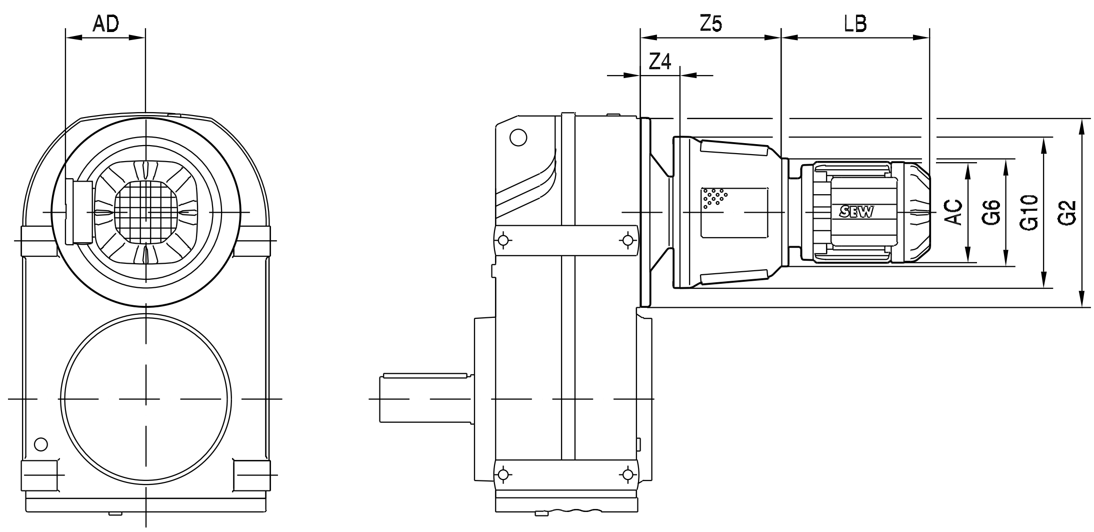
			AC	AD	G6	G10	LB	Z4	Z5	G2
F..67	**AT311 AT312**	**DR.71S**	139	119	200	280	198	97	286	160
		DR.71M					223			
		DR.80S	156	128			241			
		DR.80M					272			
		DR.90M	179	140			266			
		DR.90L					286			
		DR.100M	197	157			316			
		DR.100L/LC					346			
	AT321 AT322	**DR.90M**	179	140	250	350	266	97	333	
		DR.90L					286			
		DR.100M	197	157			316			
		DR.100L/LC					346			
F..77	**AT311 AT312**	**DR.71S**	139	119	200	280	198	89	278	200
		DR.71M					223			
		DR.80S	156	128			241			
		DR.80M					272			
		DR.90M	179	140			266			
		DR.90L					286			
		DR.100M	197	157			316			
		DR.100L/LC					346			
	AT421 AT422	**DR.90M**	179	140	250	350	266	133	368	
		DR.90L					286			
		DR.100M	197	157			316			
		DR.100L/LC					346			
		DR.112M	221	170			352			
		DR.132S					387			
		DR.132M/MC					437			

42 093 02 01



			AC	AD	G6	G10	LB	Z4	Z5	G2
F..87	**AT311 AT312**	**DR.80M**	156	128	200	280	272	84	273	250
		DR.90M	179	140			266			
		DR.90L					286			
		DR.100M	197	157			316			
		DR.100L/LC					346			
	AT421 AT422	**DR.90M**	179	140	250	350	266	128	363	
		DR.90L					286			
		DR.100M	197	157			316			
		DR.100L/LC					346			
		DR.112M	221	170			352			
		DR.132S					387			
		DR.132M/MC					437			
	AT522 AT541 AT542	**DR.132S**	221	170	350	470	363	159	478	
		DR.132M/MC					413			
		DR.160S/M/MC	270	228			460			
		DR.180S/M	316	253			523			
		DR.180L					583			
F..97	**AT311 AT312**	**DR.80M**	156	128	200	280	272	79	268	300
		DR.90M	179	140			266			
		DR.90L					286			
		DR.100M	197	157			316			
		DR.100L/LC					346			
	AT421 AT422	**DR.90M**	179	140	250	350	266	123	358	
		DR.90L					286			
		DR.100M	197	157			316			
		DR.100L/LC					346			
		DR.112M	221	170			352			
		DR.132S					387			
		DR.132M/MC					437			
	AT522 AT541 AT542	**DR.132S**	221	170	350	470	363	154	473	
		DR.132M/MC					413			
		DR.160S/M/MC	270	228			460			
		DR.180S/M	316	253			523			
		DR.180L					583			

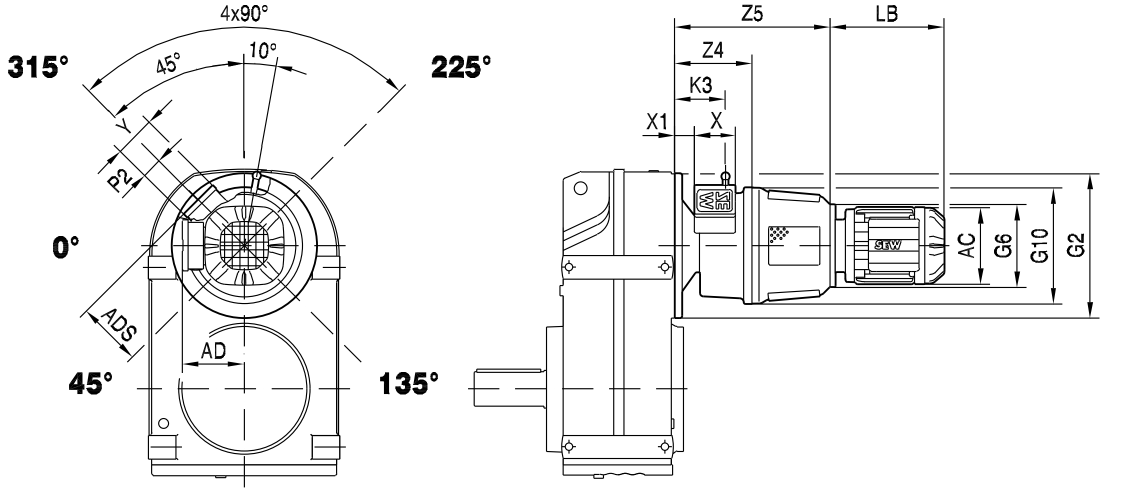
42 094 02 01



			AC	AD	G6	G10	LB	Z4	Z5	G2
F..107	**AT311 AT312**	**DR.100M**	197	157	200	280	316	73	262	350
		DR.100L/LC					346			
	AT421 AT422	**DR.90L**	179	140	250	350	286	117	352	
		DR.100M	197	157			316			
		DR.100L/LC					346			
		DR.112M	221	170			352			
		DR.132S					387			
		DR.132M/MC					437			
	AT522 AT541 AT542	**DR.132S**	221	170	350	470	363	148	467	
		DR.132M/MC					413			
		DR.160S/M/MC	270	228			460			
		DR.180S/M	316	253			523			
		DR.180L					583			
F..127	**AT421 AT422**	**DR.132M/MC**	221	170	250	350	437	102	337	450
	AT522 AT541 AT542	**DR.132M/MC**	221	170	350	470	413	133	452	
		DR.160S/M/MC	270	228			460			
		DR.180S/M	316	253			523			
		DR.180L					583			
F..157	**AT522 AT541 AT542**	**DR.160M/MC**	270	228	350	470	460	125	444	550
		DR.180S/M	316	253			523			
		DR.180L					583			

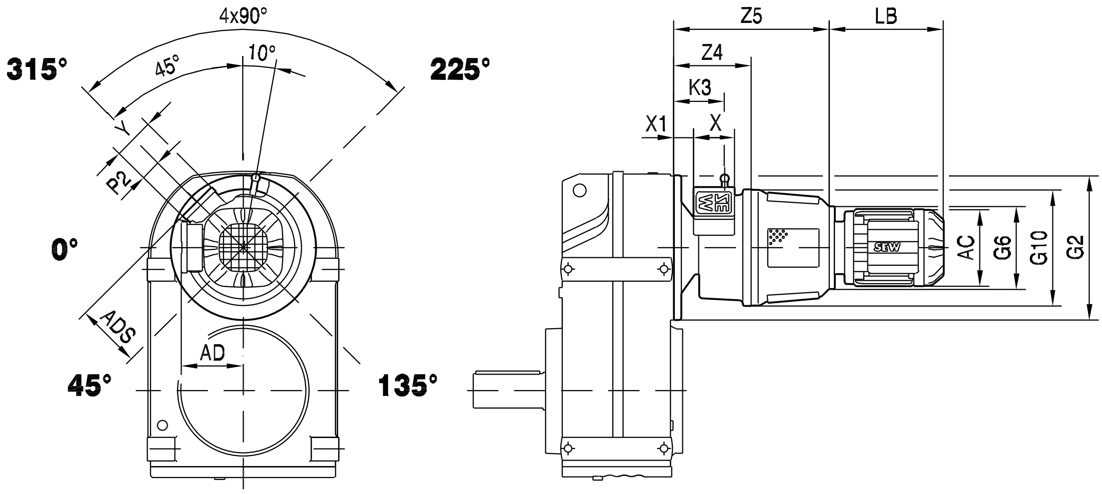
9.8 F.. AT../BMG [mm]

42 095 02 01



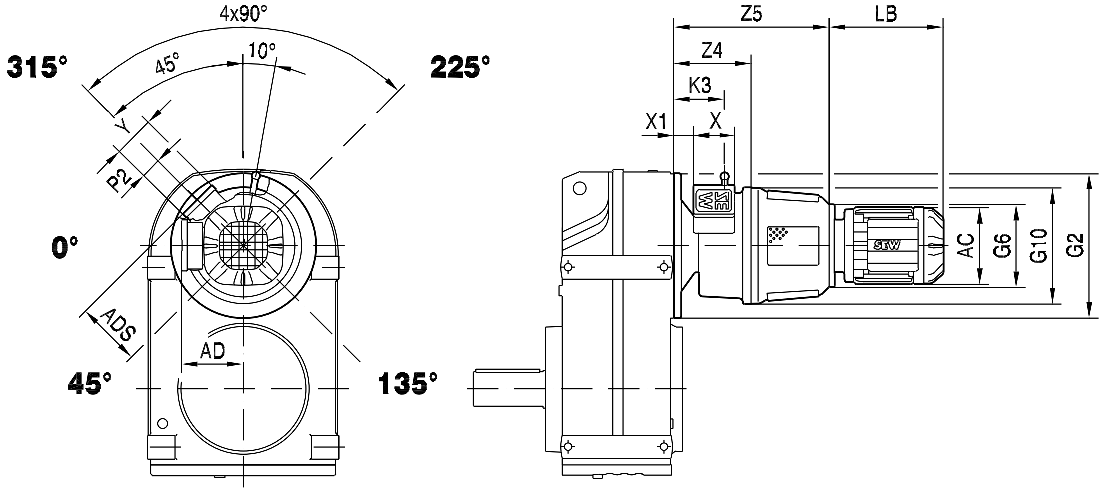
			AC	AD	ADS	G6	G10	LB	K3	P2	X	X1	Y	Z4	Z5	G2
F..67	AT311/BMG AT312/BMG	DR.71S	139	119	184	200	282	198	153	84	97	89	127	223	411	160
		DR.71M						223								
		DR.80S	156	128				241								
		DR.80M						272								
		DR.90M	179	140				266								
		DR.90L						286								
		DR.100M	197	157				316								
		DR.100L/LC						346								
	AT321/BMG AT322/BMG	DR.90M	179	140	215	250	352	266							458	
		DR.90L						286								
		DR.100M	197	157				316								
		DR.100L/LC						346								
F..77	AT311/BMG AT312/BMG	DR.71S	139	119	184	200	282	198	145	84	97	81	127	215	403	200
		DR.71M						223								
		DR.80S	156	128				241								
		DR.80M						272								
		DR.90M	179	140				266								
		DR.90L						286								
		DR.100M	197	157				316								
		DR.100L/LC						346								
	AT421/BMG AT422/BMG	DR.90M	179	140	215	250	352	266	183	84	97	119	127	252	488	
		DR.90L						286								
		DR.100M	197	157				316								
		DR.100L/LC						346								
		DR.112M	221	170				352								
		DR.132S						387								
		DR.132M/MC						437								

42 096 02 01



			AC	AD	ADS	G6	G10	LB	K3	P2	X	X1	Y	Z4	Z5	G2
F..87	AT311/BMG AT312/BMG	DR.80M	156	128	184	200	282	272	140	84	97	76	127	210	398	250
		DR.90M	179	140				266								
		DR.90L						286								
		DR.100M	197	157				316								
		DR.100L/LC						346								
	AT421/BMG AT422/BMG	DR.90M	179	140	215	250	352	266	178	84	97	114	127	247	483	
		DR.90L						286								
		DR.100M	197	157				316								
		DR.100L/LC						346								
		DR.112M	221	170				352								
		DR.132S						387								
		DR.132M/MC						437								
	AT522/BM AT541/BM AT542/BM	DR.132S	221	170	275	350	472	363	244	84	97	148	127	331	650	
		DR.132M/MC						413								
		DR.160S/M/MC	270	228				460								
		DR.180S/M	316	253				523								
		DR.180L						583								
F..97	AT311/BMG AT312/BMG	DR.80M	156	128	184	200	282	272	135	84	97	71	127	205	393	300
		DR.90M	179	140				266								
		DR.90L						286								
		DR.100M	197	157				316								
		DR.100L/LC						346								
	AT421/BMG AT422/BMG	DR.90M	179	140	215	250	352	266	173	84	97	109	127	242	478	
		DR.90L						286								
		DR.100M	197	157				316								
		DR.100L/LC						346								
		DR.112M	221	170				352								
		DR.132S						387								
		DR.132M/MC						437								
	AT522/BM AT541/BM AT542/BM	DR.132S	221	170	275	350	472	363	239	84	97	143	127	326	645	
		DR.132M/MC						413								
		DR.160S/M/MC	270	228				460								
		DR.180S/M	316	253				523								
		DR.180L						583								

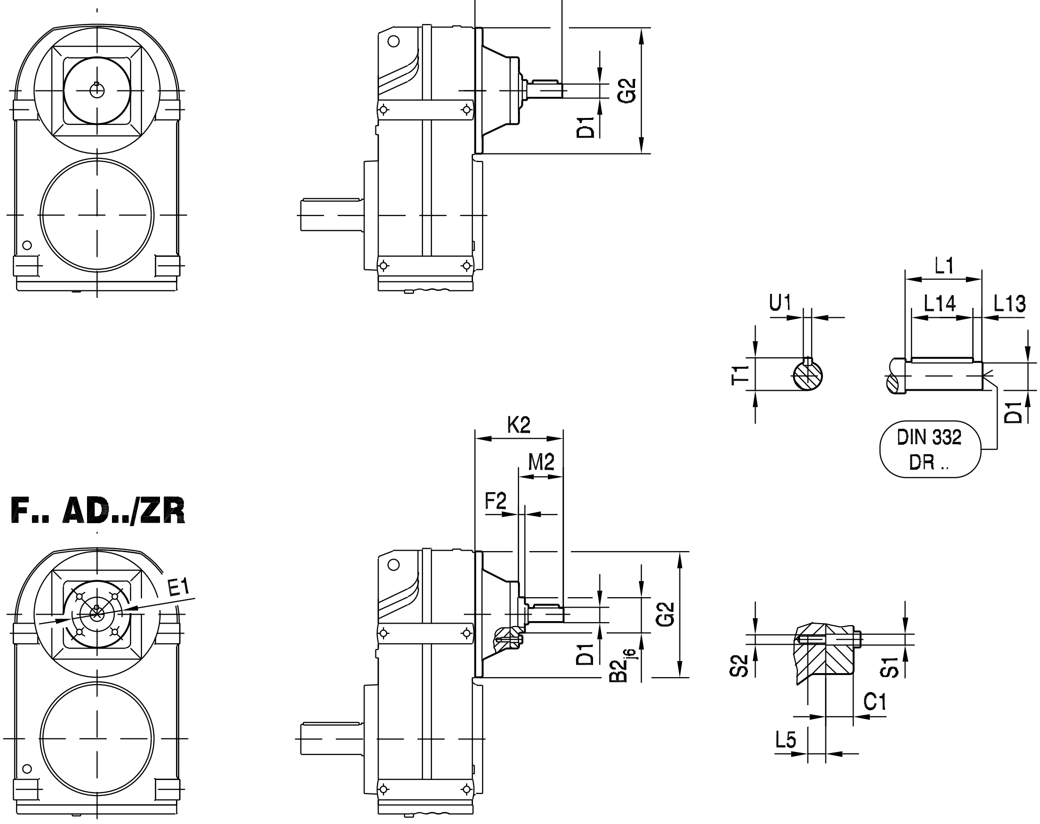
42 097 02 01



			AC	AD	ADS	G6	G10	LB	K3	P2	X	X1	Y	Z4	Z5	G2
F..107	**AT311/BMG AT312/BMG**	**DR.100M**	197	157	184	200	282	316	129	84	97	65	127	199	387	350
		DR.100L/LC						346								
	AT421/BMG AT422/BMG	**DR.90L**	179	140	215	250	352	286	167	84	97	103	127	236	472	
		DR.100M	197	157				316								
		DR.100L/LC						346								
		DR.112M	221	170				352								
		DR.132S						387								
		DR.132M/MC						437								
	AT522/BM AT541/BM AT542/BM	**DR.132S**	221	170	275	350	472	363	233	84	97	137	127	320	639	
		DR.132M/MC						413								
		DR.160S/M/MC	270	228				460								
		DR.180S/M	316	253				523								
		DR.180L						583								
F..127	**AT421/BMG AT422/BMG**	**DR.132M/MC**	221	170	215	250	352	437	152	84	97	88	127	221	457	450
	AT522/BM AT541/BM AT542/BM	**DR.132M/MC**	221	170	275	350	472	413	218	84	97	122	127	294	624	
		DR.160S/M/MC	270	228				460								
		DR.180S/M	316	253				523								
		DR.180L						583								
F..157	**AT522/BM AT541/BM AT542/BM**	**DR.160M/MC**	270	228	275	350	472	460	210	84	97	114	127	297	616	550
		DR.180S/M	316	253				523								
		DR.180L						583								

9.9 F.. AD.. [mm]

42 098 01 01



		B2	C1	E1	F2	G2	K2	L5	M2	S1	S2	D1	L1	L13	L14	T1	U1
F..27, F..37, F..47	AD1	-	-	-	-	120	102	-	-	-	-	16	40	4	32	18	5
	AD2 , AD2/ZR	55	13.5	80	8		130	12	50	9	M8	19	40	4	32	21.5	6
F..57 F..67	AD2 , AD2/ZR	55	13.5	80	8	160	123	12	50	9	M8	19	40	4	32	21.5	6
	AD3 , AD3/ZR	70	15.5	105	8		159	16	60	11	M10	24	50	5	40	27	8
F..77	AD2 , AD2/ZR	55	13.5	80	8	200	116	12	50	9	M8	19	40	4	32	21.5	6
	AD3 , AD3/ZR	70	15.5	105	8		151	16	60	11	M10	24	50	5	40	27	8
	AD4 , AD4/ZR	100	16	130	13		224	20	95.5	13.5	M12	38	80	5	70	41	10
F..87	AD2 , AD2/ZR	55	13.5	80	8	250	111	12	50	9	M8	19	40	4	32	21.5	6
	AD3 , AD3/ZR	70	15.5	105	8		156	16	70	11	M10	28	60	5	50	31	8
	AD4 , AD4/ZR	100	16	130	13		219	20	95.5	13.5	M12	38	80	5	70	41	10
	AD5 , AD5/ZR	120	24	180	11		292	20	126	13.5	M12	42	110	10	70	45	12
F..97	AD3 , AD3/ZR	70	15.5	105	8	300	151	16	70	11	M10	28	60	5	50	31	8
	AD4 , AD4/ZR	100	16	130	13		214	20	95.5	13.5	M12	38	80	5	70	41	10
	AD5 , AD5/ZR	120	24	180	11		287	20	126	13.5	M12	42	110	10	70	45	12
	AD6 , AD6/ZR	130	22.5	200	11		327	26	130.5	17.5	M16	48	110	10	80	51.5	14
F..107	AD3 , AD3/ZR	70	15.5	105	8	350	145	16	70	11	M10	28	60	5	50	31	8
	AD4 , AD4/ZR	100	16	130	13		208	20	95.5	13.5	M12	38	80	5	70	41	10
	AD5 , AD5/ZR	120	24	180	11		281	20	126	13.5	M12	42	110	10	70	45	12
	AD6 , AD6/ZR	130	22.5	200	11		321	26	130.5	17.5	M16	48	110	10	80	51.5	14
F..127	AD4 , AD4/ZR	100	16	130	13	450	193	20	95.5	13.5	M12	38	80	5	70	41	10
	AD5 , AD5/ZR	120	24	180	11		266	20	126	13.5	M12	42	110	10	70	45	12
	AD6 , AD6/ZR	130	22.5	200	11		306	26	130.5	17.5	M16	48	110	10	80	51.5	14
	AD7 , AD7/ZR	125	19	190	13		300	30	133	22	M20	55	110	10	90	59	16
	AD8 , AD8/ZR	120	22.5	210	5		383	19.5	155	13.5	M12	70	140	15	110	74.5	20
F..157	AD5 , AD5/ZR	120	24	180	11	550	258	20	126	13.5	M12	42	110	10	70	45	12
	AD6 , AD6/ZR	130	22.5	200	11		298	26	130.5	17.5	M16	48	110	10	80	51.5	14
	AD7 , AD7/ZR	125	19	190	13		292	30	133	22	M20	55	110	10	90	59	16
	AD8 , AD8/ZR	120	22.5	210	5		374	19.5	155	13.5	M12	70	140	15	110	74.5	20

9.10 F.. AD../P [mm]

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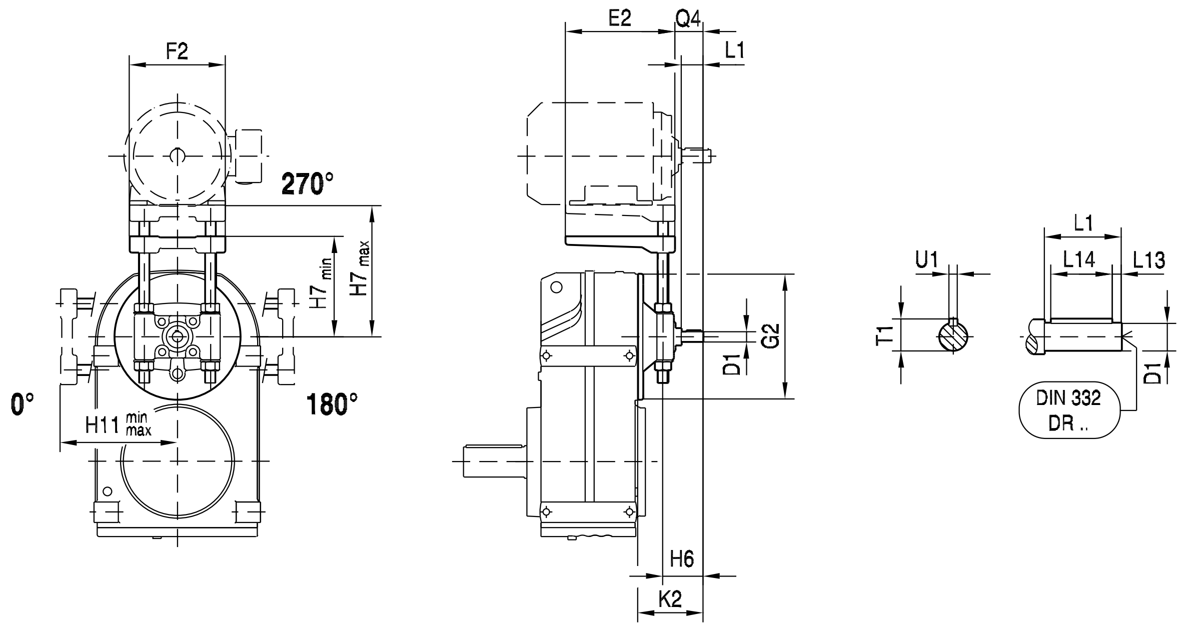
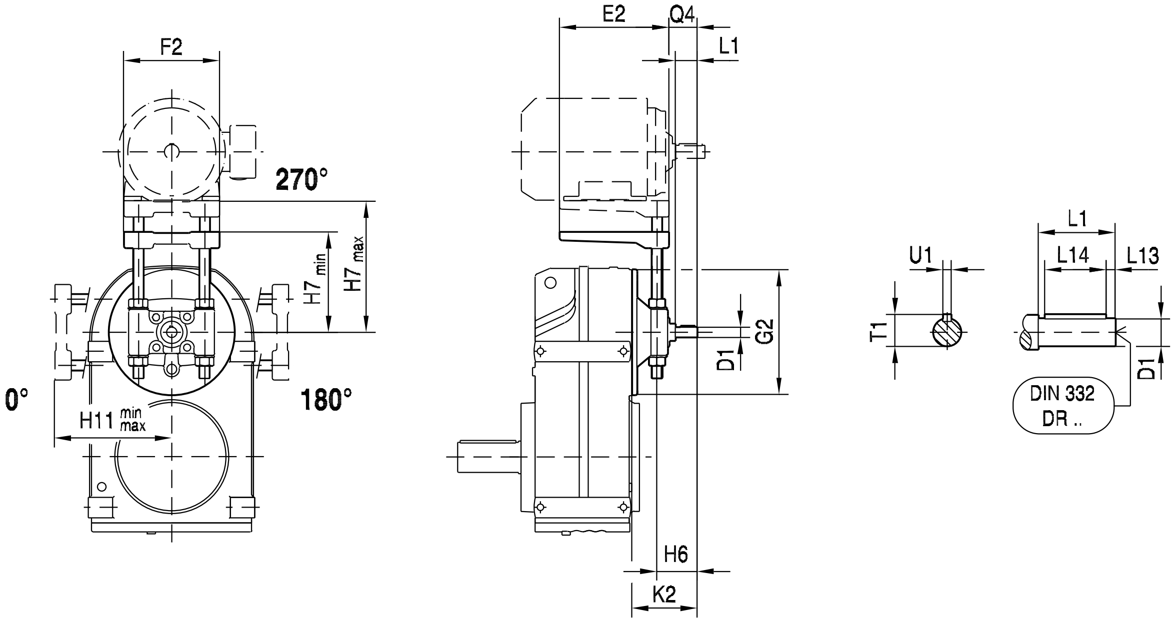


		E2	F2	G2	H6	H7min	H7max	H11min	H11max	K2	Q4	D1	L1	L13	L14	T1	U1
F..27	**AD2/P**	195	180	120	65	100	165	125	165	130	43	19	40	4	32	21.5	6
F..37	**AD2/P**	195	180	120	65	100	165	125	165	130	43	19	40	4	32	21.5	6
F..47	**AD2/P**	195	180	120	65	105	165	125	165	130	43	19	40	4	32	21.5	6
F..57	**AD2/P**	195	180	160	65	125	165	140	200	123	43	19	40	4	32	21.5	6
	AD3/P	230	240		80	130	175	150	230	159	54	24	50	5	40	27	8
F..67	**AD2/P**	195	180	160	65	125	165	145	200	123	43	19	40	4	32	21.5	6
	AD3/P	230	240		80	130	175	155	230	159	54	24	50	5	40	27	8
F..77	**AD2/P**	195	180	200	65	145	200	170	200	116	43	19	40	4	32	21.5	6
	AD3/P	230	240		80	150	230	175	230	151	54	24	50	5	40	27	8
	AD4/P	345	291		118	155	210	185	210	224	83	38	80	5	70	41	10
F..87	**AD2/P**	195	180	250	65	170	260	205	260	111	43	19	40	4	32	21.5	6
	AD3/P	230	240		90	175	230	210	320	156	64	28	60	5	50	31	8
	AD4/P	345	291		118	180	280	215	280	219	83	38	80	5	70	41	10
	AD5/P	430	355		153	185	250	225	325	292	113	42	110	10	70	45	12
F..97	**AD3/P**	230	240	300	90	205	320	240	320	151	64	28	60	5	50	31	8
	AD4/P	345	291		118	210	280	245	280	214	83	38	80	5	70	41	10
	AD5/P	430	355		153	215	325	250	325	287	113	42	110	10	70	45	12
F..107	**AD3/P**	230	240	350	90	230	320	270	320	145	64	28	60	5	50	31	8
	AD4/P	345	291		118	240	280	275	360	208	83	38	80	5	70	41	10
	AD5/P	430	355		153	240	325	280	325	281	113	42	110	10	70	45	12
	AD6/P	495	457		163	245	310	285	310	321	114	48	110	10	80	51.5	14

42 101 01 01



		E2	F2	G2	H6	H7min	H7max	H11min	H11max	K2	Q4	D1	L1	L13	L14	T1	U1
F..127	**AD4/P**	345	291	450	118	240	280	310	360	193	83	38	80	5	70	41	10
	AD5/P	430	355		153	295	405	320	405	266	113	42	110	10	70	45	12
	AD6/P	495	457		163	295	360	310	360	306	114	48	110	10	80	51.5	14
	AD7/P	650	570		170	300	365	310	365	300	112	55	110	10	90	59	16
F..157	**AD5/P**	430	355	550	153	345	405	370	405	258	113	42	110	10	70	45	12
	AD6/P	495	457		163	375	475	380	475	298	114	48	110	10	80	51.5	14
	AD7/P	650	570		170	375	475	385	475	292	112	55	110	10	90	59	16

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