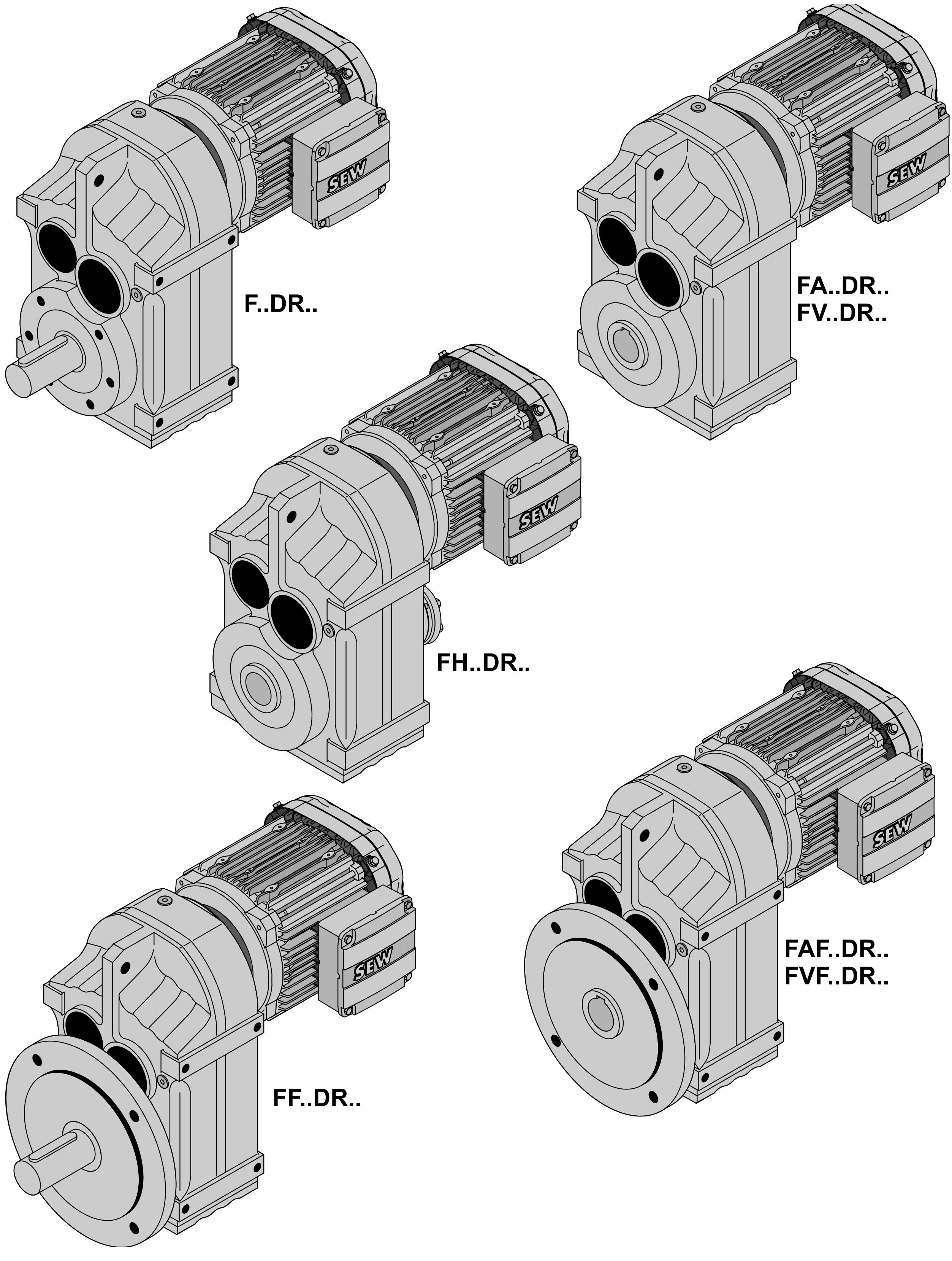
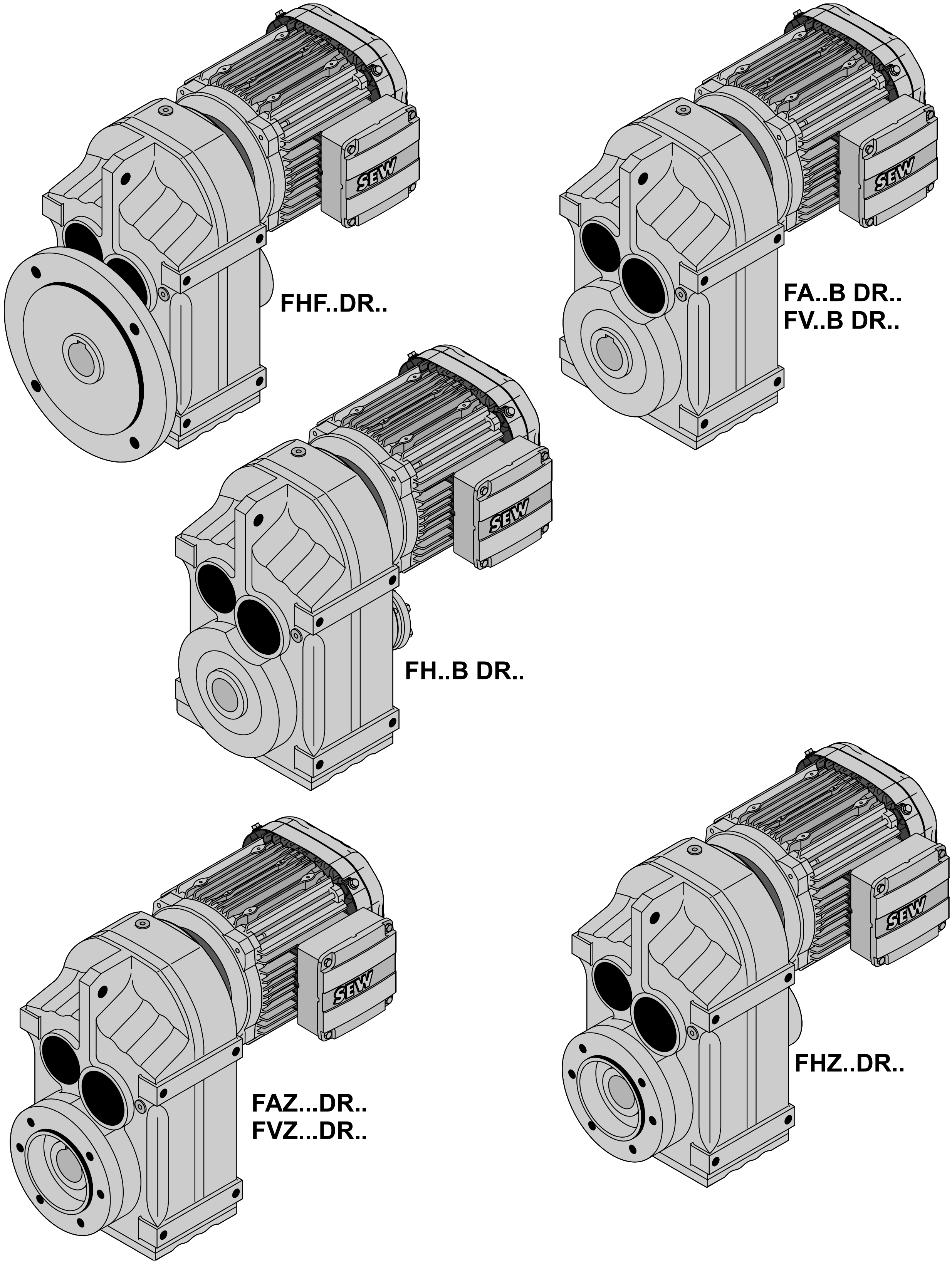
9 F..DRL

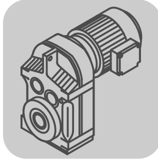
9.1 F, FA, FV, FH, FF, FAF, FVF, FHF, FA..B, FV..B, FH..B, FAZ, FVZ, FAF, FVF..DRL



60404axx



60410axx



9.2 *F..Nm*

9.2.1 F 27

M_{aDyn} Nm	i	DRL 71S D1	71S D2	71M D1	71M D2	80S D1	80S D2	80M D1	90L D1	100L D1
FA27 2	4.16	20	34	28	56	40	101	52	101	>130
	4.93	24	41	33	67	48	120	62	120	>144
	5.27	26	43	36	72	51	128	66	128	>150
	6.17	30	51	42	84	60	150	78	150	>163
	6.91	34	57	47	94	67	>163	87	>163	>163
	8.13	39	67	55	110	79	>163	103	>163	>163
	9.40	46	78	64	128	91	>163	119		
	9.88	48	81	67	134	96	>157	125	>157	>157
	10.55	51	87	72	143	102	>157	133	>157	>157
	12.35	60	102	84	>157	120	>157	156	>157	>157
	13.84	67	114	94	>157	134	>157	>157	>157	>157
	16.28	79	134	111	>157	>157	>157	>157	>157	>157
	18.84	91	155	128	>157	>157	>157	>157		
	20.15	98	>157	137	>157	>157	>157	>157		
	23.25	113	>157	>157		>157		>157		
	27.18	130		>157						
	29.56	142		>157						
FA27 3	33.83	>157	>157	>157	>157	>157	>157	>157	>157	>157
	38.33	>157	>157	>157	>157	>157	>157	>157		
	40.89	>157	>157	>157	>157	>157	>157	>157	>157	>157
	46.78	>157	>157	>157	>157	>157	>157	>157		
	50.19	>157	>157	>157	>157	>157	>157	>157		
	56.62	>157	>157	>157	>157	>157	>157	>157	>157	>157
	63.86	>157	>157	>157	>157	>157	>157	>157	>157	>157
	72.37	>157	>157	>157	>157	>157	>157	>157		
	77.21	>157	>157	>157	>157	>157	>157	>157	>157	>157
	88.32	>157	>157	>157	>157	>157	>157	>157		
	94.76	>157	>157	>157	>157	>157	>157	>157		
	109.90	>157	>157	>157		>157		>157		
	129.09	>157		>157						
	140.74	>157		>157						

→ 124

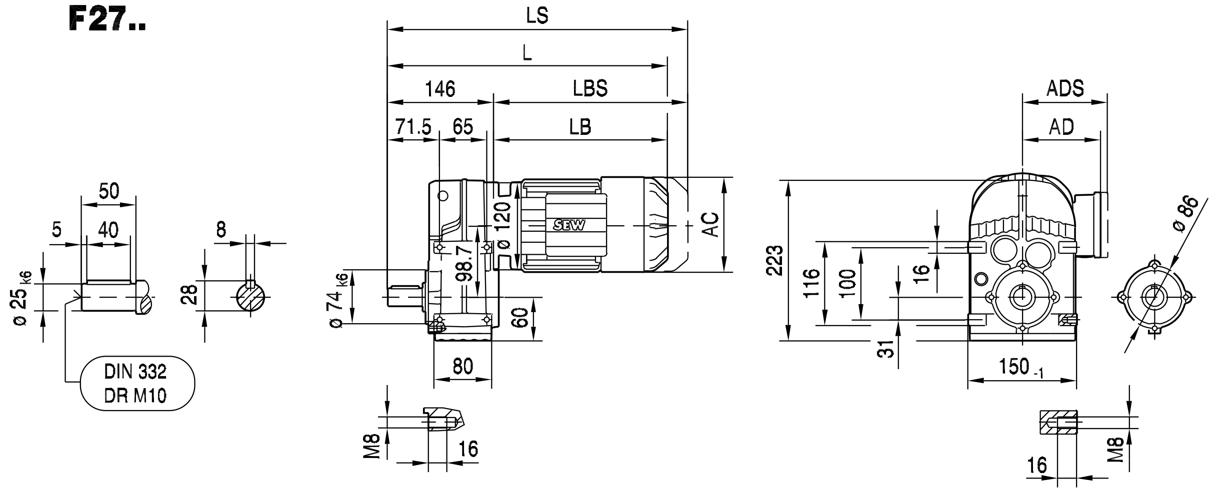
m kg	s	DRL 71S	71M	80S	80M	90L	100L
FA27	2	13	14	17	19	27	34
FA27	3	13	14	17	20	27	35
FAF: + 0.7 kg / F: + 0.5 kg / FF: + 1.3 kg							

DRL..				c_{TG}			
	i	n_{epk} 1/min	η %	FA Nm/'	FAF Nm/'	F Nm/'	FF Nm/'
FA27 2	4.16	4120	97	46	46	21	18
	4.93	4500	97	46	46	21	18
	5.27	4500	97	46	46	21	18
	6.17	4500	97	46	46	21	18
	6.91	4500	97	46	46	21	18
	8.13	4500	97	46	46	21	18
	9.40	4500	97	46	46	21	18
	9.88	4500	97	83	83	26	22
	10.55	4500	97	83	83	26	22
	12.35	4500	97	83	83	26	22
	13.84	4500	97	83	83	26	22
	16.28	4500	97	83	83	26	22
	18.84	4500	97	83	83	26	22
	20.15	4500	97	83	83	26	22
	23.25	4500	97	83	83	26	22
	27.18	4500	96	83	83	26	22
	29.56	4500	96	83	83	26	22
FA27 3	33.83	4500	95	95	95	27	23
	38.33	4500	95	95	95	27	23
	40.89	4500	95	95	95	27	23
	46.78	4500	94	95	95	27	23
	50.19	4500	94	95	95	27	23
	56.62	4500	94	99	99	27	23
	63.86	4500	94	99	99	27	23
	72.37	4500	93	99	99	27	23
	77.21	4500	93	99	99	27	23
	88.32	4500	93	99	99	27	23
	94.76	4500	92	99	99	27	23
	109.90	4500	92	99	99	27	23
	129.09	4500	91	99	99	27	23
	140.74	4500	90	99	99	27	23

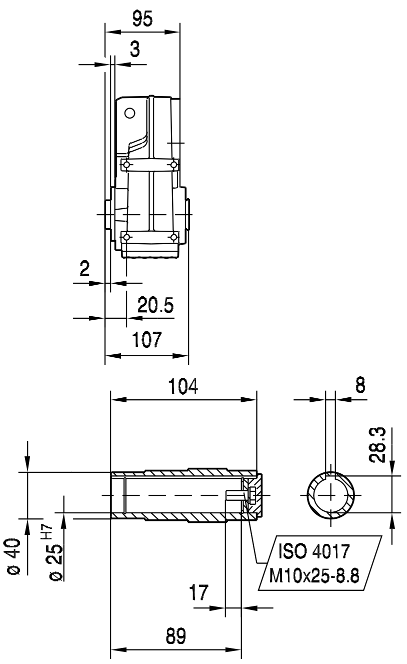
DRL..							F_{Ramax}				F_{Rapk}			
n_e = 1400	i	M_{amax} Nm	M_{apk} Nm	$M_{aNotaus}$ Nm	n_{ak} 1/min	J_G 10^{-4} kgm^2	FA N	FAF N	F N	FF N	FA N	FAF N	F N	FF N
FA27 2	4.16	87	130	148	361	1.4	1810	1810	1380	1180	4500	4500	4500	4500
	4.93	96	144	163	304	1.0	1860	1860	1420	1210	4500	4500	4500	4500
	5.27	100	150	170	266	0.90	1880	1880	1440	1220	4500	4500	4500	4500
	6.17	109	163	185	227	0.68	1940	1940	1480	1260	4500	4500	4500	4500
	6.91	114	163	194	217	0.56	2000	2000	1530	1300	4500	4500	4500	4500
	8.13	123	163	209	172	0.42	2080	2080	1580	1350	4500	4500	4500	4500
	9.40	130	163	221	160	0.33	2170	2170	1660	1410	4500	4500	4500	4500
	9.88	130	157	221	202	0.74	2400	2400	1830	1560	4500	4500	4500	4500
	10.55	130	157	221	209	0.67	2490	2490	1900	1620	4500	4500	4500	4500
	12.35	130	157	221	211	0.51	2700	2700	2060	1760	4500	4500	4500	4500
	13.84	130	157	221	210	0.43	2860	2860	2180	1860	4500	4500	4500	4500
	16.28	130	157	221	209	0.32	3110	3110	2370	2020	4500	4500	4500	4500
	18.84	130	157	221	212	0.26	3340	3340	2550	2170	4500	4500	4500	4500
	20.15	130	157	221	213	0.23	3450	3450	2630	2240	4500	4500	4500	4500
	23.25	130	157	221	215	0.19	3690	3690	2820	2400	4500	4500	4500	4500
	27.18	130	157	221	217	0.15	3970	3970	3030	2580	4500	4500	4500	4500
	29.56	130	157	221	220	0.13	4120	4120	3140	2680	4500	4500	4500	4500
FA27 3	33.83	130	157	221	166	0.31	4380	4380	3340	2850	4500	4500	4500	4500
	38.33	130	157	221	167	0.26	4500	4500	3530	3010	4500	4500	4500	4500
	40.89	130	157	221	166	0.23	4500	4500	3640	3100	4500	4500	4500	4500
	46.78	130	157	221	150	0.18	4500	4500	3860	3290	4500	4500	4500	4500
	50.19	130	157	221	139	0.17	4500	4500	3980	3390	4500	4500	4500	4500
	56.62	130	157	221	124	0.31	4500	4500	4180	3570	4500	4500	4500	4500
	63.86	130	157	221	110	0.26	4500	4500	4400	3750	4500	4500	4500	4500
	72.37	130	157	221	97	0.22	4500	4500	4500	3960	4500	4500	4500	4500
	77.21	130	157	221	91	0.20	4500	4500	4500	4060	4500	4500	4500	4500
	88.32	130	157	221	79	0.16	4500	4500	4500	4290	4500	4500	4500	4500
	94.76	130	157	221	74	0.15	4500	4500	4500	4420	4500	4500	4500	4500
	109.90	130	157	221	64	0.12	4500	4500	4500	4500	4500	4500	4500	4500
	129.09	130	157	221	54	0.090	4500	4500	4500	4500	4500	4500	4500	4500
	140.74	130	157	221	50	0.080	4500	4500	4500	4500	4500	4500	4500	4500

42 130 00 08

F27..

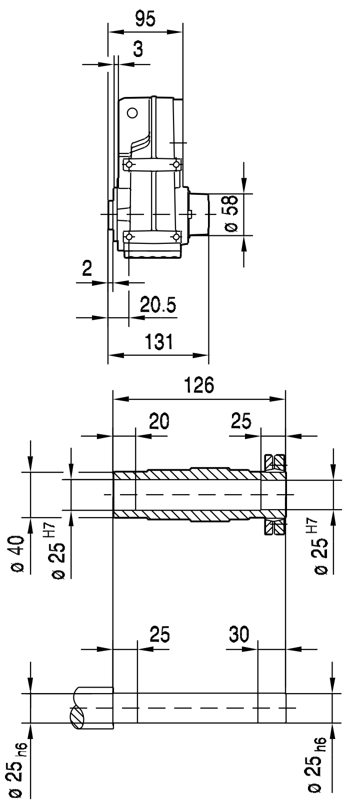


FA27B..

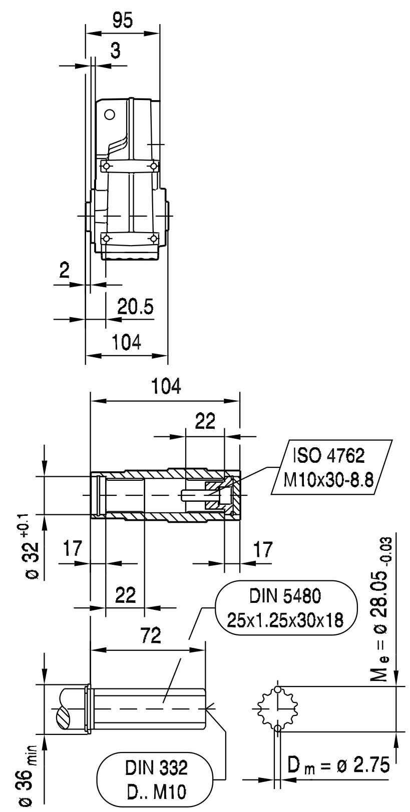


FH27B..

max. DR71..



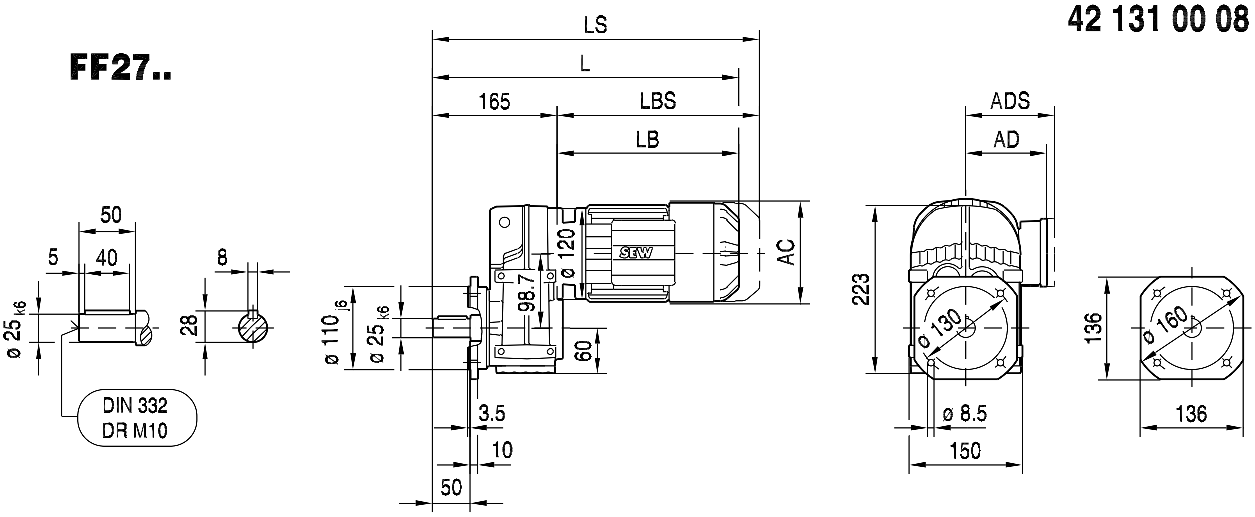
FV27B..



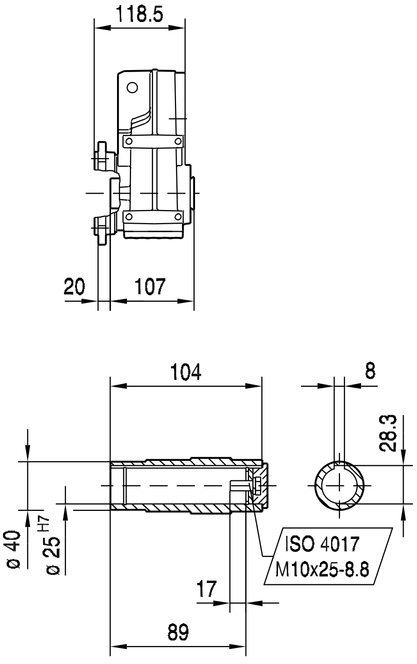
(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L		
AC	139	139	156	156	179	197		
AD	119	119	128	128	140	157		
ADS	129	129	139	139	150	158		
L	434	459	478	509	526	585		
LS	498	523	558	589	612	672		
LB	288	313	332	363	380	439		
LBS	352	377	412	443	466	526		

42 131 00 08

FF27..

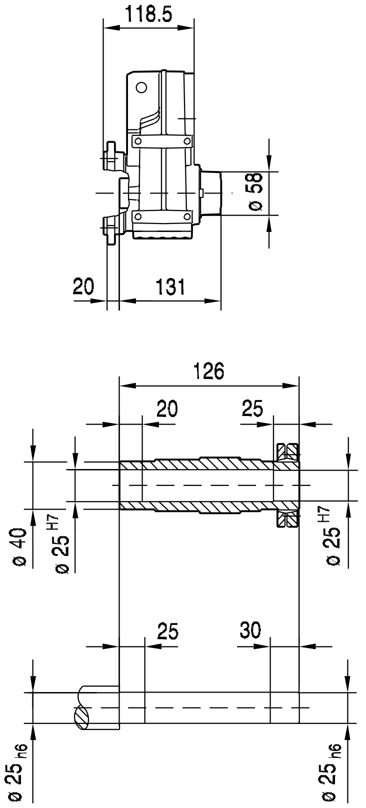


FAF27..

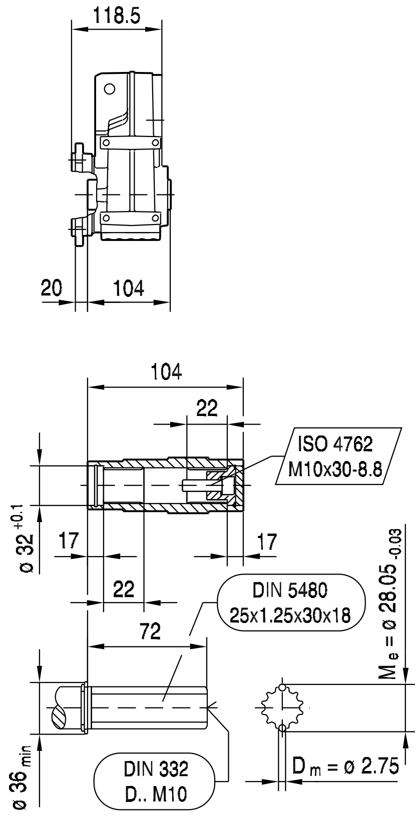


FHF27..

max. DR71..



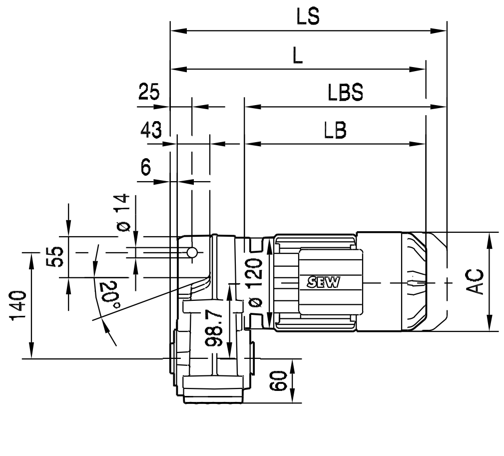
FVF27..

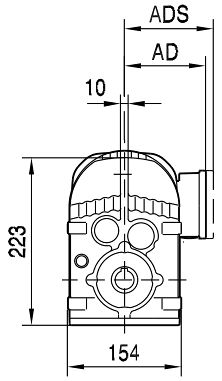


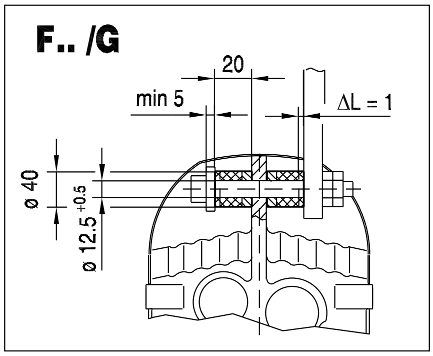
(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L		
AC	139	139	156	156	179	197		
AD	119	119	128	128	140	157		
ADS	129	129	139	139	150	158		
L	453	478	497	528	545	604		
LS	517	542	577	608	631	691		
LB	288	313	332	363	380	439		
LBS	352	377	412	443	466	526		

FA27..

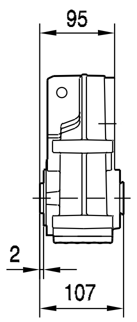
42 132 00 08





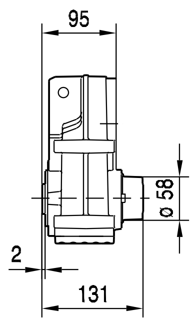


FA27..

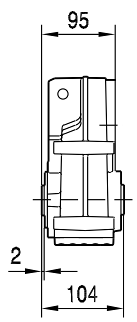


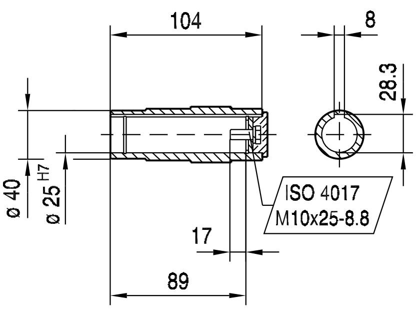
FH27..

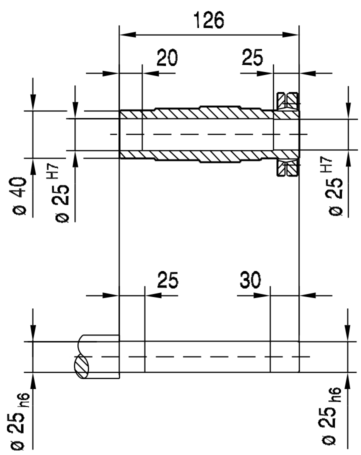
max. DR71..

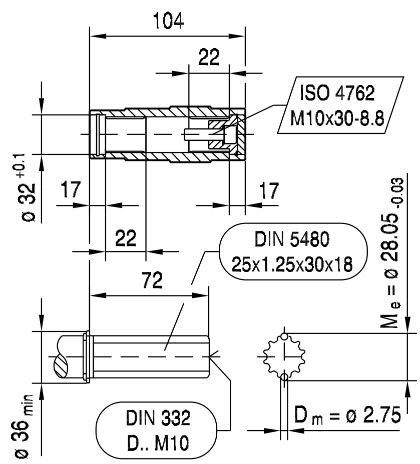


FV27..





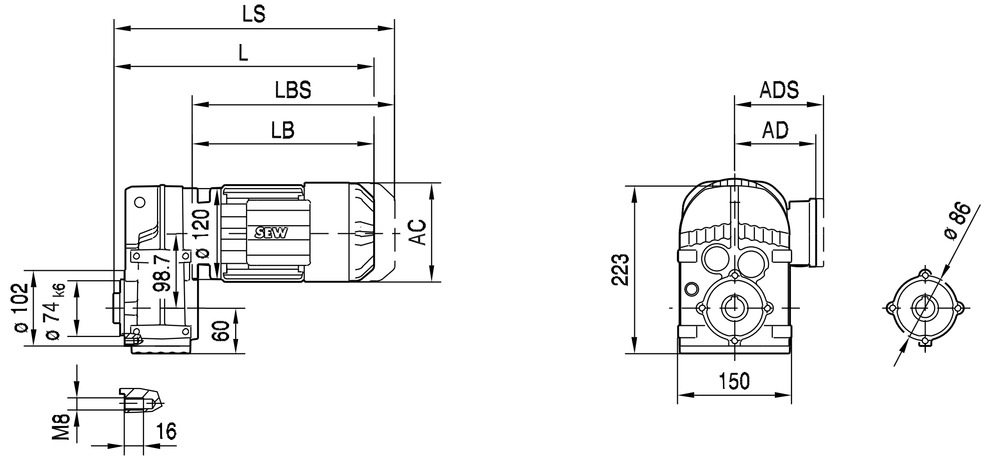




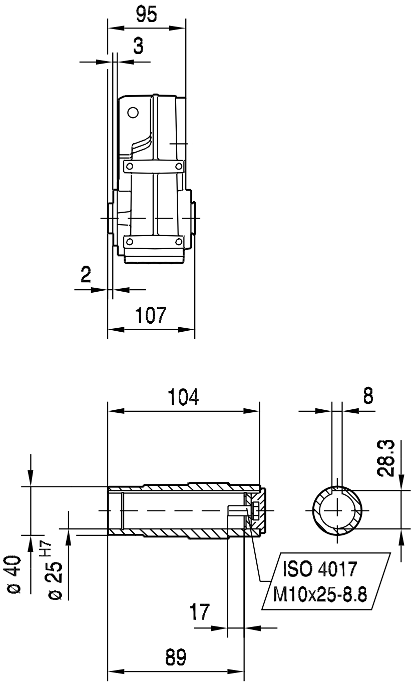
(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L		
AC	139	139	156	156	179	197		
AD	119	119	128	128	140	157		
ADS	129	129	139	139	150	158		
L	383	408	427	458	475	534		
LS	447	472	507	538	561	621		
LB	288	313	332	363	380	439		
LBS	352	377	412	443	466	526		

42 133 00 08

FAZ27..

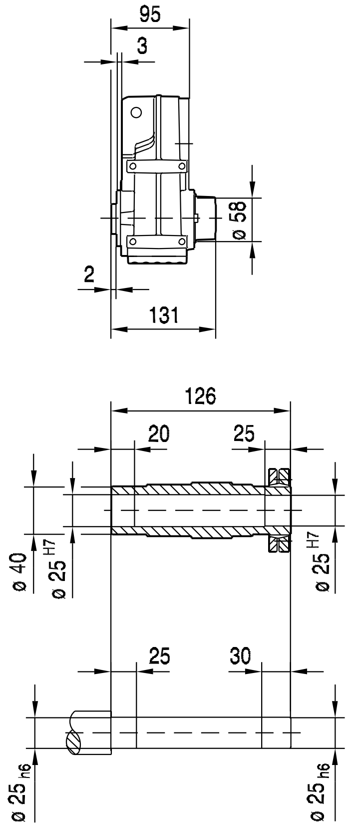


FAZ27..

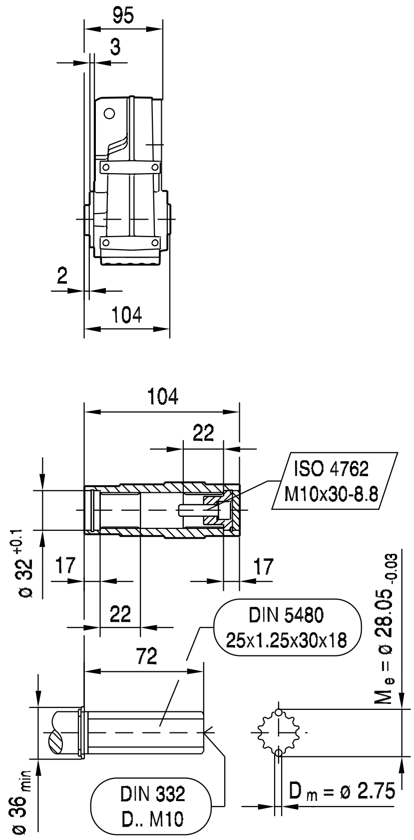


FHZ27..

max. DR71..



FVZ27..



(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L		
AC	139	139	156	156	179	197		
AD	119	119	128	128	140	157		
ADS	129	129	139	139	150	158		
L	383	408	427	458	475	534		
LS	447	472	507	538	561	621		
LB	288	313	332	363	380	439		
LBS	352	377	412	443	466	526		

9.2.2 F 37

M_{aDyn} Nm	i	DRL 71S D1	DRL 71S D2	DRL 71M D1	DRL 71M D2	DRL 80S D1	DRL 80S D2	DRL 80M D1	DRL 90L D1	DRL 100L D1
FA37 2	3.77	18	31	26	51	37	91	48	91	128
	4.22	20	35	29	57	41	102	53	102	143
	4.90	24	40	33	67	48	119	62	119	166
	5.21	25	43	35	71	51	126	66	126	177
	6.05	29	50	41	82	59	147	76	147	>188
	6.74	33	56	46	92	65	163	85	163	>188
	7.44	36	61	51	101	72	180	94		
	8.01	39	66	54	109	78	194	101	194	>240
	8.97	44	74	61	122	87	215	113	215	>240
	10.42	51	86	71	142	101	>240	131	>240	>240
	11.08	54	91	75	150	107	>240	140	>240	>240
	12.87	62	106	87	175	125	>240	162	>240	>240
	14.33	70	118	97	195	139	>240	181	>240	>240
	15.81	77	130	107	210	153	>240	199		
	17.03	83	140	116	230	165	>240	210	>240	>240
	19.27	93	159	131	>240	187	>240	>240		
	20.57	100	170	140	>240	200	>240	>240		
	23.63	115	195	160		225		>240		
FA37 3	23.88	115	195	160	>240	225	>240	>240	>240	>240
	28.09	135	225	189	>240	>240	>240	>240	>240	>240
	31.69	152	>240	210	>240	>240	>240	>240	>240	>240
	35.91	171	>240	235	>240	>240	>240	>240		
	38.31	182	>240	>240	>240	>240	>240	>240	>240	>240
	43.83	205	>240	>240	>240	>240	>240	>240		
	47.02	220	>240	>240	>240	>240	>240	>240		
	51.70	>240	>240	>240	>240	>240	>240	>240	>240	>240
	54.54	>240	>240	>240		>240		>240		
	58.32	>240	>240	>240	>240	>240	>240	>240	>240	>240
	66.09	>240	>240	>240	>240	>240	>240	>240		
	70.50	>240	>240	>240	>240	>240	>240	>240	>240	>240
	80.65	>240	>240	>240	>240	>240	>240	>240		
	86.53	>240	>240	>240	>240	>240	>240	>240		
	100.36	>240	>240	>240		>240		>240		
	117.88	>240		>240						
	128.51	>240		>240						

→ 124

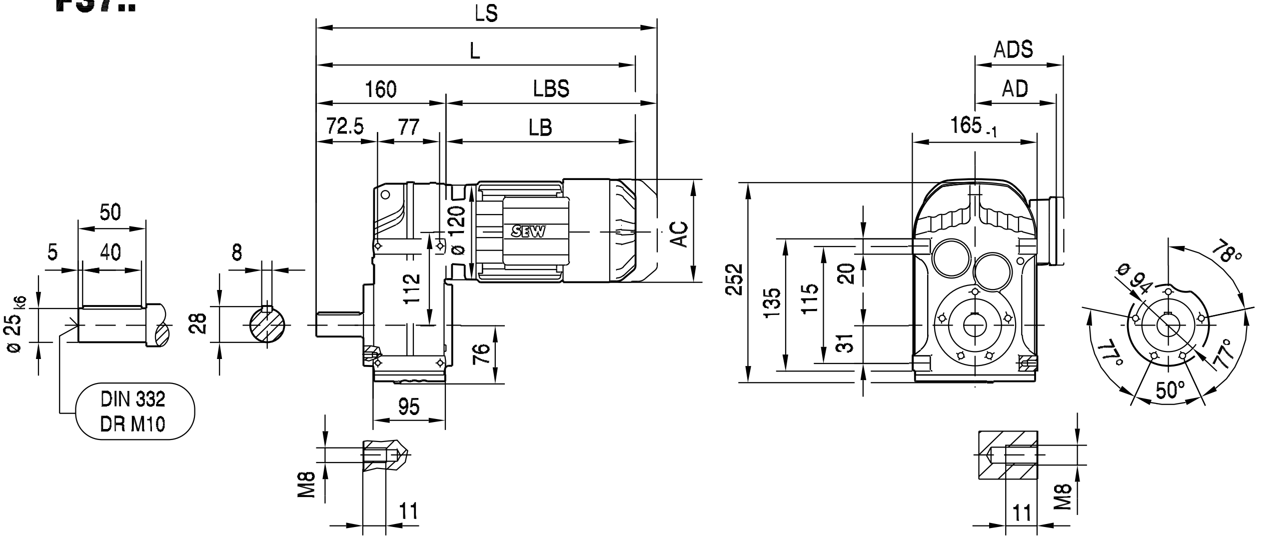
m kg	s	DRL 71S	DRL 71M	DRL 80S	DRL 80M	DRL 90L	DRL 100L
FA37	2	19	20	23	25	33	41
FA37	3	20	21	23	26	33	41
FAF: + 1.5 kg / F: + 0.5 kg / FF: + 2.3 kg							

DRL..	i	n_{epk} 1/min	η %	c_{TG} FA Nm/'	FAF Nm/'	F Nm/'	FF Nm/'	φ /R '
FA37 2	3.77	4500	97	41	41	20	15	12
	4.22	4500	97	41	41	20	15	11
	4.90	4500	97	41	41	20	15	11
	5.21	4500	97	41	41	20	15	10
	6.05	4500	97	41	41	20	15	10
	6.74	4500	97	41	41	20	15	10
	7.44	4500	97	41	41	20	15	10
	8.01	4500	97	84	84	26	19	7
	8.97	4500	97	84	84	26	19	7
	10.42	4500	97	84	84	26	19	7
	11.08	4500	97	84	84	26	19	7
	12.87	4500	97	84	84	26	19	7
	14.33	4500	97	84	84	26	19	7
	15.81	4500	97	84	84	26	19	6
	17.03	4500	97	84	84	26	19	6
	19.27	4500	97	84	84	26	19	6
	20.57	4500	97	84	84	26	19	6
	23.63	4500	97	84	84	26	19	6
FA37 3	23.88	4500	96	94	94	27	19	8
	28.09	4500	96	94	94	27	19	8
	31.69	4500	96	94	94	27	19	8
	35.91	4500	95	94	94	27	19	8
	38.31	4500	95	94	94	27	19	8
	43.83	4500	95	94	94	27	19	8
	47.02	4500	95	94	94	27	19	8
	51.70	4500	95	97	97	27	19	7
	54.54	4500	95	94	94	27	19	8
	58.32	4500	95	97	97	27	19	7
	66.09	4500	95	97	97	27	19	7
	70.50	4500	94	97	97	27	19	7
	80.65	4500	94	97	97	27	19	7
	86.53	4500	94	97	97	27	19	7
	100.36	4500	94	97	97	27	19	7
	117.88	4500	93	97	97	27	19	7
	128.51	4500	93	97	97	27	19	7

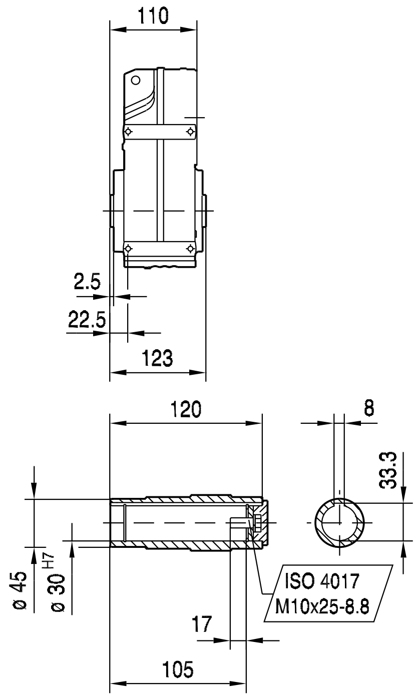
DRL.. n_e = 1400	i	M_{amax} Nm	M_{apk} Nm	$M_{aNotaus}$ Nm	n_{ak} 1/min	J_G 10^{-4} kgm^2	F_{Ramax} FA N	FAF N	F N	FF N	F_{Rapk} FA N	FAF N	F N	FF N
	3.77	105	157	179	451	2.8	2470	2470	1970	2220	7000	7000	4810	5860
	4.22	110	165	187	427	2.3	2550	2550	2030	2300	7000	7000	4730	5820
	4.90	120	180	204	367	1.8	2630	2630	2100	2380	7000	7000	4560	5740
	5.21	125	187	213	326	1.6	2660	2660	2120	2410	7000	7000	4470	5700
	6.05	135	188	230	281	1.2	2750	2750	2190	2510	7000	7000	4460	5700
	6.74	140	188	238	267	1.0	2850	2850	2270	2600	7000	7000	4460	5700
	7.44	145	188	247	242	0.83	2940	2940	2350	2680	7000	7000	4460	5700
	8.01	170	240	289	200	1.5	2960	2960	2360	2710	7000	7000	3610	4100
FA37 2	8.97	175	240	298	190	1.3	3080	3080	2460	2820	7000	7000	3610	4100
	10.42	185	240	315	163	1.0	3230	3230	2580	2960	7000	7000	3610	4100
	11.08	190	240	323	144	0.94	3290	3290	2620	3020	7000	7000	3610	4100
	12.87	200	240	340	124	0.74	3450	3450	2750	3170	7000	7000	3610	4100
	14.33	200	240	340	126	0.63	3650	3650	2910	3330	7000	7000	3610	4100
	15.81	200	240	340	127	0.52	3840	3840	3070	3490	7000	7000	3610	4100
	17.03	200	240	340	129	0.48	3990	3990	3180	3610	7000	7000	3610	4100
	19.27	200	240	340	130	0.40	4250	4250	3390	3820	7000	7000	3610	4100
	20.57	200	240	340	131	0.36	4390	4390	3500	3940	7000	7000	3610	4100
	23.63	200	240	340	135	0.29	4690	4690	3740	4190	7000	7000	3610	4100
	23.88	200	240	340	96	0.60	4720	4720	3760	4210	7000	7000	3610	4100
	28.09	200	240	340	96	0.45	5090	5090	4060	4520	7000	7000	3610	4100
	31.69	200	240	340	95	0.35	5380	5380	4290	4760	7000	7000	3610	4100
	35.91	200	240	340	97	0.29	5700	5700	4290	5020	7000	7000	3610	4100
	38.31	200	240	340	97	0.26	5870	5870	4290	5160	7000	7000	3610	4100
	43.83	200	240	340	96	0.21	6240	6240	4290	5460	7000	7000	3610	4100
	47.02	200	240	340	96	0.19	6430	6430	4290	5620	7000	7000	3610	4100
FA37 3	51.70	200	240	340	95	0.34	6710	6710	4290	5670	7000	7000	3610	4100
	54.54	200	240	340	97	0.15	6860	6860	4290	5670	7000	7000	3610	4100
	58.32	200	240	340	96	0.27	7000	7000	4290	5670	7000	7000	3610	4100
	66.09	200	240	340	95	0.23	7000	7000	4290	5670	7000	7000	3610	4100
	70.50	200	240	340	95	0.21	7000	7000	4290	5670	7000	7000	3610	4100
	80.65	200	240	340	87	0.17	7000	7000	4290	5670	7000	7000	3610	4100
	86.53	200	240	340	81	0.15	7000	7000	4290	5670	7000	7000	3610	4100
	100.36	200	240	340	70	0.12	7000	7000	4290	5670	7000	7000	3610	4100
	117.88	200	240	340	59	0.10	7000	7000	4290	5670	7000	7000	3610	4100
	128.51	200	240	340	54	0.080	7000	7000	4290	5670	7000	7000	3610	4100

42 134 00 08

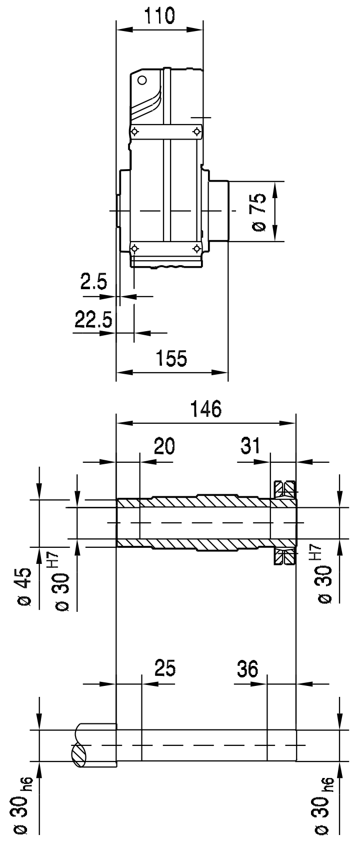
F37..



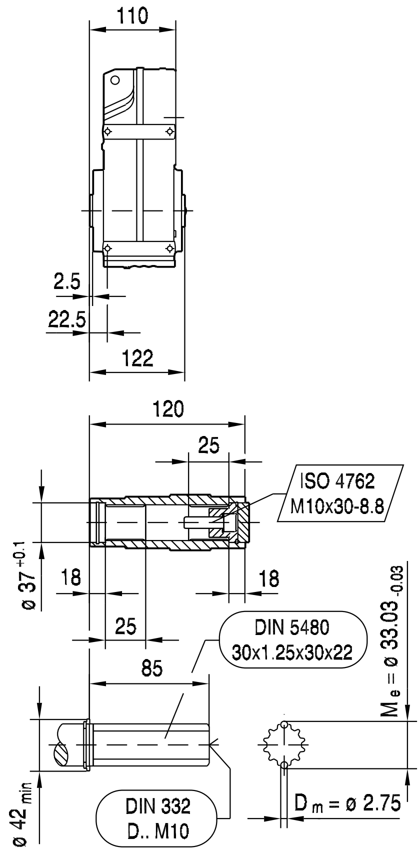
FA37B..



FH37B..



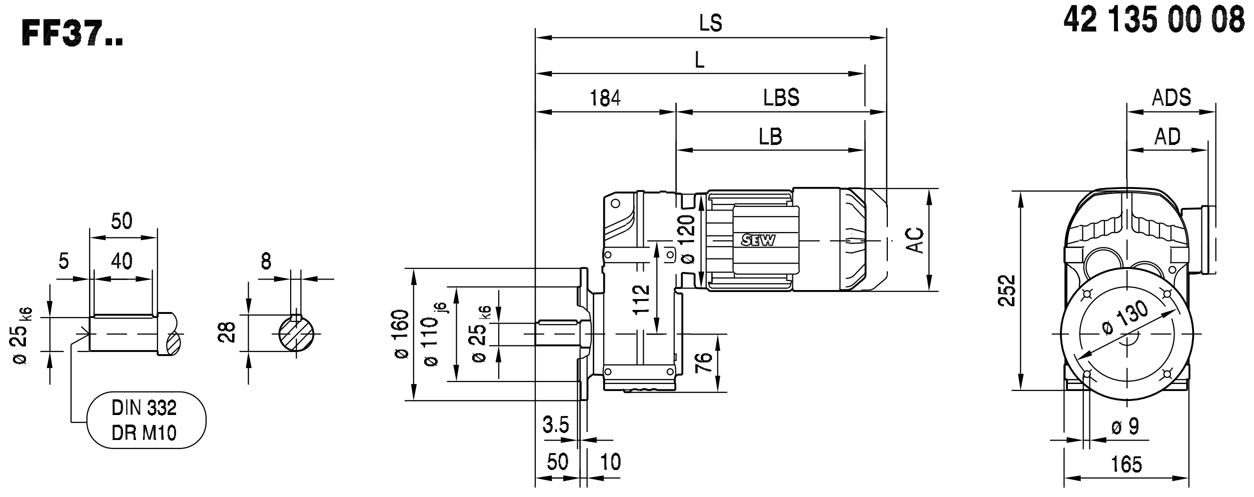
FV37B..



(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L		
AC	139	139	156	156	179	197		
AD	119	119	128	128	140	157		
ADS	129	129	139	139	150	158		
L	448	473	492	523	540	599		
LS	512	537	572	603	626	686		
LB	288	313	332	363	380	439		
LBS	352	377	412	443	466	526		

FF37..

42 135 00 08



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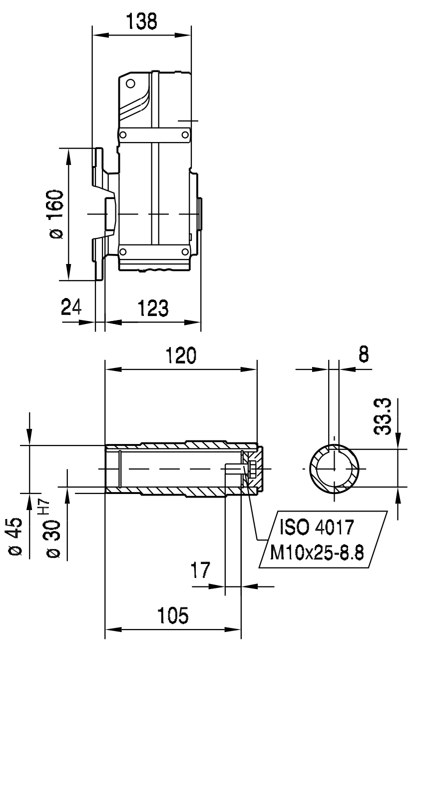
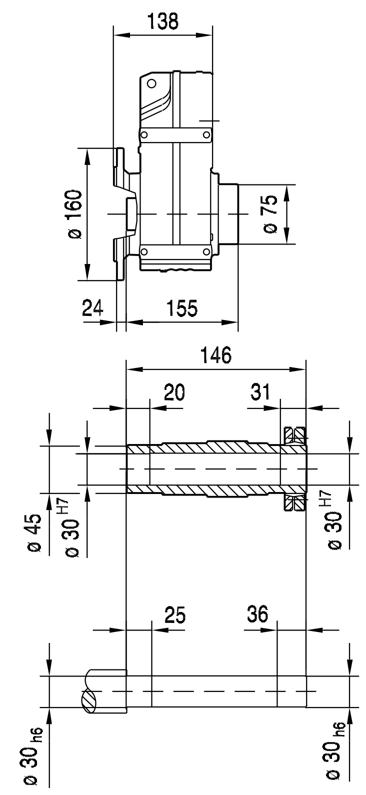


FHF37..



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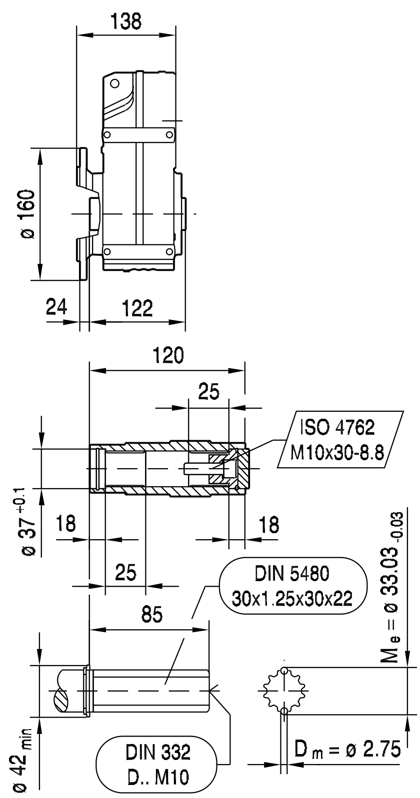
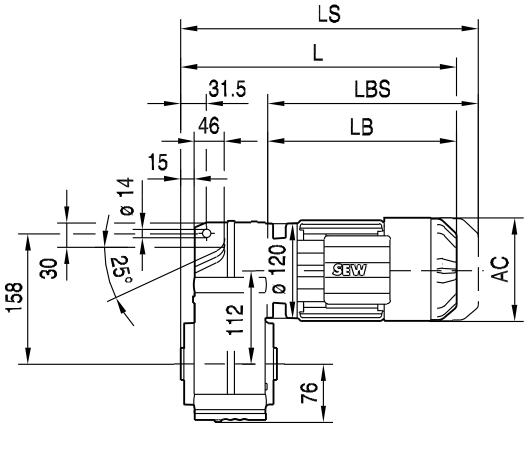
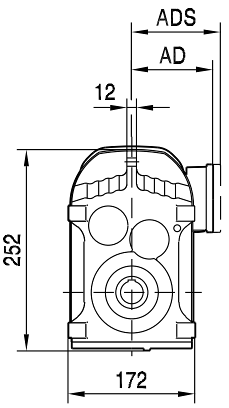


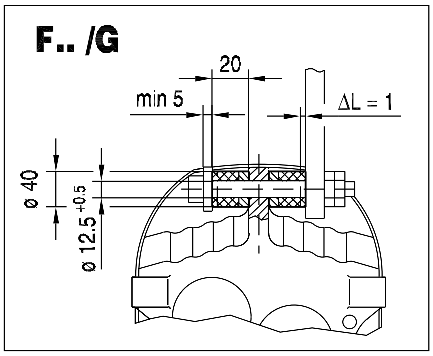
(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L		
AC	139	139	156	156	179	197		
AD	119	119	128	128	140	157		
ADS	129	129	139	139	150	158		
L	472	497	516	547	564	623		
LS	536	561	596	627	650	710		
LB	288	313	332	363	380	439		
LBS	352	377	412	443	466	526		

42 136 00 08

FA37..







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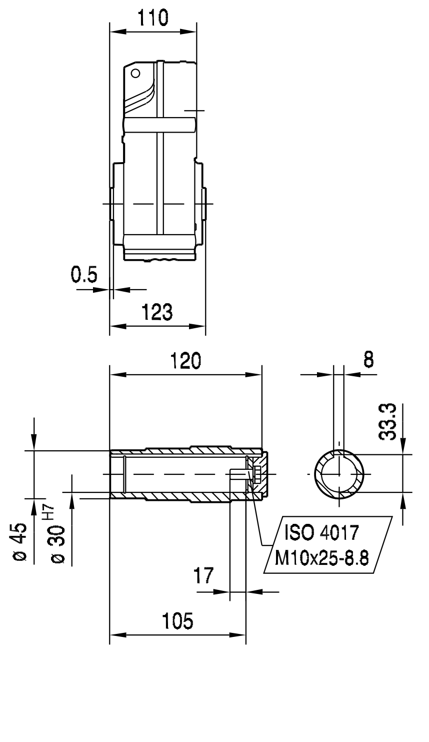

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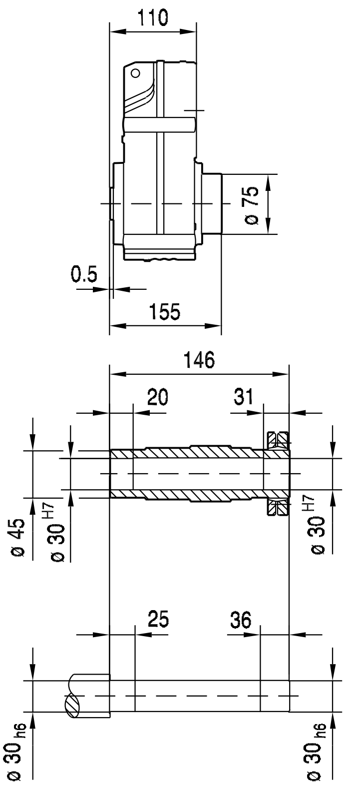
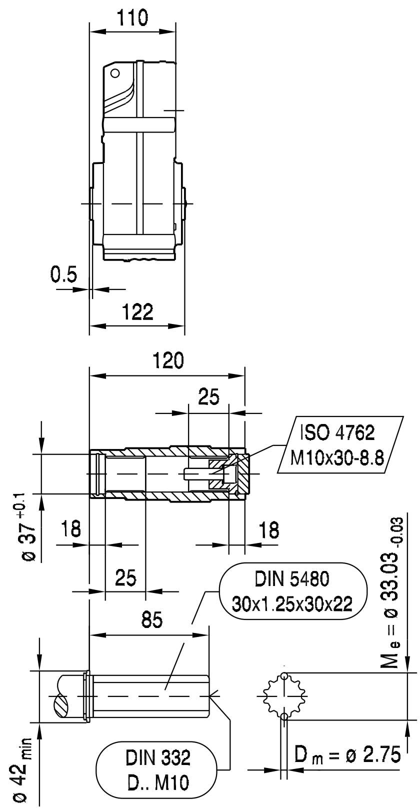


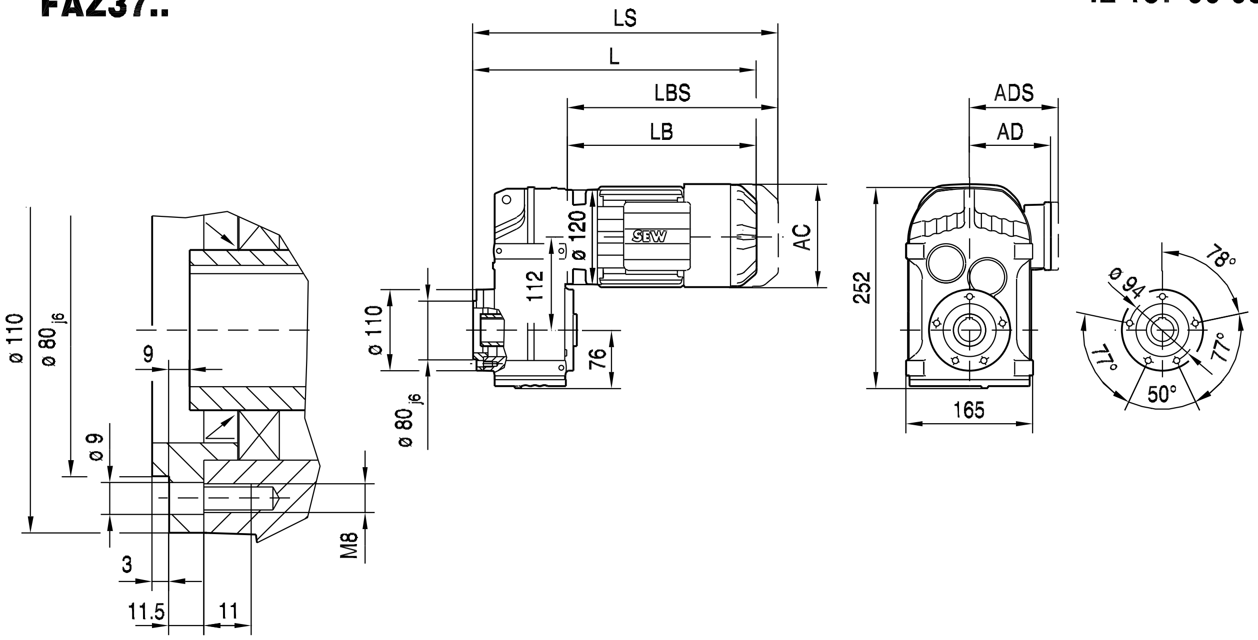
FV37..



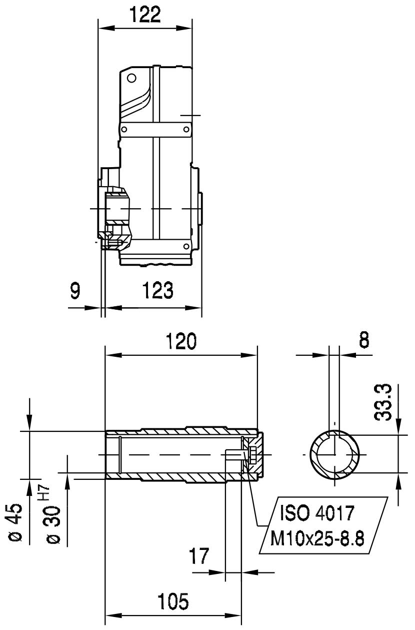
(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L		
AC	139	139	156	156	179	197		
AD	119	119	128	128	140	157		
ADS	129	129	139	139	150	158		
L	398	423	442	473	490	549		
LS	462	487	522	553	576	636		
LB	288	313	332	363	380	439		
LBS	352	377	412	443	466	526		

42 137 00 08

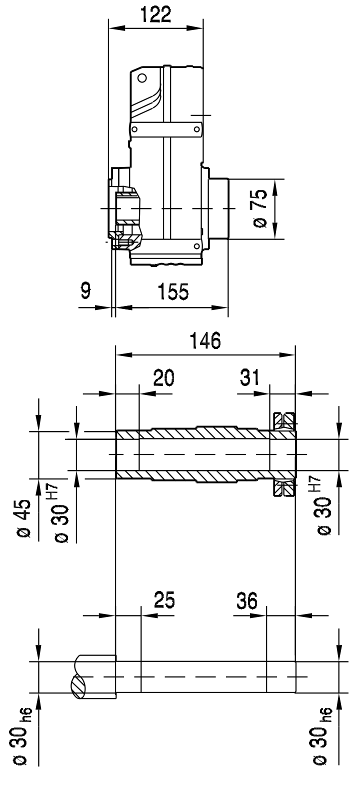
FAZ37..



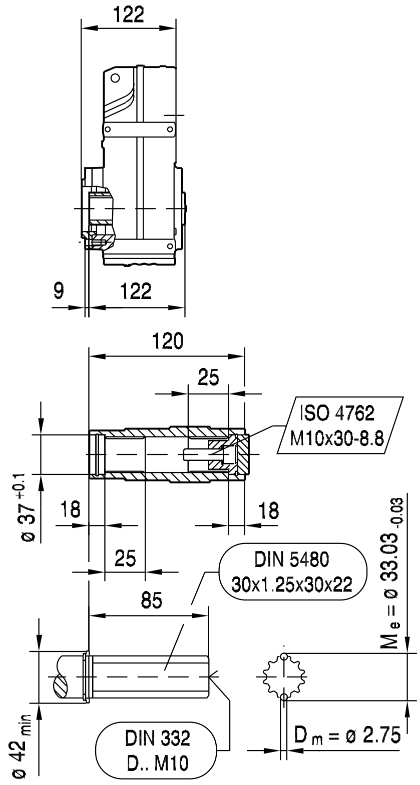
FAZ37..



FHZ37..



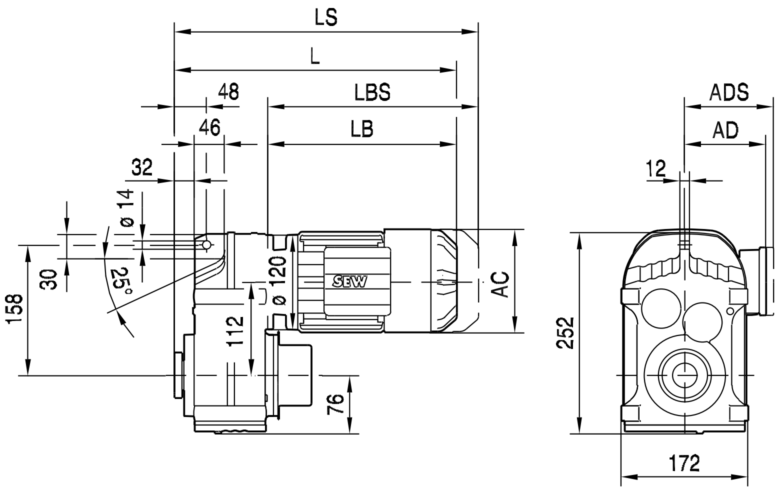
FVZ37..

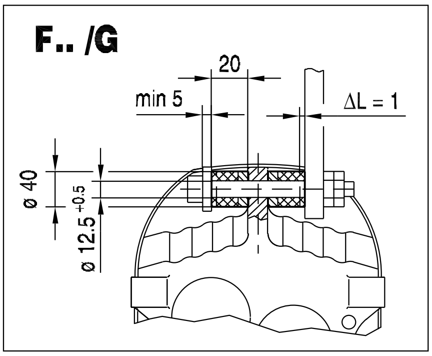


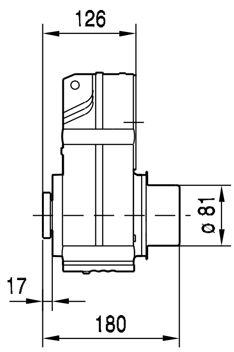
(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L		
AC	139	139	156	156	179	197		
AD	119	119	128	128	140	157		
ADS	129	129	139	139	150	158		
L	410	435	454	485	502	561		
LS	474	499	534	565	588	648		
LB	288	313	332	363	380	439		
LBS	352	377	412	443	466	526		

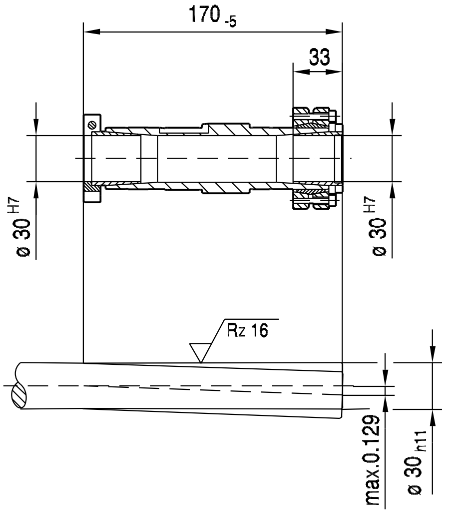
42 138 00 08

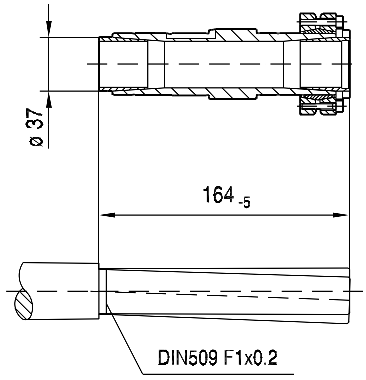
FT37..











(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L		
AC	139	139	156	156	179	197		
AD	119	119	128	128	140	157		
ADS	129	129	139	139	150	158		
L	414	439	458	489	506	565		
LS	478	503	538	569	592	652		
LB	288	313	332	363	380	439		
LBS	352	377	412	443	466	526		

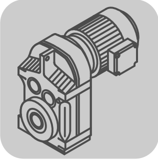
9.2.3 F 47

M_{aDyn} Nm	i	DRL									
		71S		71M		80S		80M	90L		100L
		D1	D2	D1	D2	D1	D2	D1	D1	D2	D1
FA47 2	4.99	24	41	34	68	48	121	63	121	220	169
	5.76	28	47	39	78	56	140	73	140	255	196
	6.34	31	52	43	86	61	154	80	154	280	215
	7.44	36	61	51	101	72	180	94	180	330	250
	7.88	38	65	54	107	76	191	99	191	350	265
	8.96	43	74	61	122	87	215	113	215	395	300
	10.97	53	90	74	149	106	265	138	265	>435	370
	12.66	61	104	86	172	123	305	160	305	>435	425
	13.93	68	115	95	189	135	335	176	335	>435	>435
	16.36	79	135	111	220	159	395	205	395	>435	>435
	17.33	84	143	118	235	168	420	215	420	>435	>435
	19.70	96	162	134	265	191	>435	245	>435	>435	>435
	21.82	106	180	148	295	210	>435	275	>435	>435	>435
	25.72	125	210	175	345	245	>435	320	>435		>435
	29.32	142	240	199	395	280	>435	365			
	30.86	150	250	205	415	295	>435	385			
FA47 3	28.88	139	235	194	385	275	>435	360	>435	>435	>435
	34.29	165	275	230	>435	325	>435	425	>435	>435	>435
	36.61	176	295	245	>435	350	>435	>435	>435	>435	>435
	42.86	205	345	285	>435	410	>435	>435	>435	>435	>435
	48.00	225	385	315	>435	>435	>435	>435	>435	>435	>435
	56.49	265	>435	375	>435	>435	>435	>435	>435		>435
	65.36	310	>435	430	>435	>435	>435	>435			
	68.09	320	>435	>435	>435	>435	>435	>435	>435		>435
	79.72	375	>435	>435	>435	>435	>435	>435	>435		>435
	89.29	420	>435	>435	>435	>435	>435	>435	>435		>435
	105.09	>435	>435	>435	>435	>435	>435	>435	>435		>435
	121.57	>435	>435	>435	>435	>435	>435	>435			
	130.07	>435	>435	>435	>435	>435	>435	>435			
	150.06	>435	>435	>435		>435		>435			
	175.38	>435		>435							
	190.76	>435		>435							

→ 124

m kg	s	DRL					
		71S	71M	80S	80M	90L	100L
FA47	2	24	25	27	30	37	45
FA47	3	24	25	28	30	38	46
FAF: + 2.7 kg / F: + 0.8 kg / FF: + 3.9 kg							

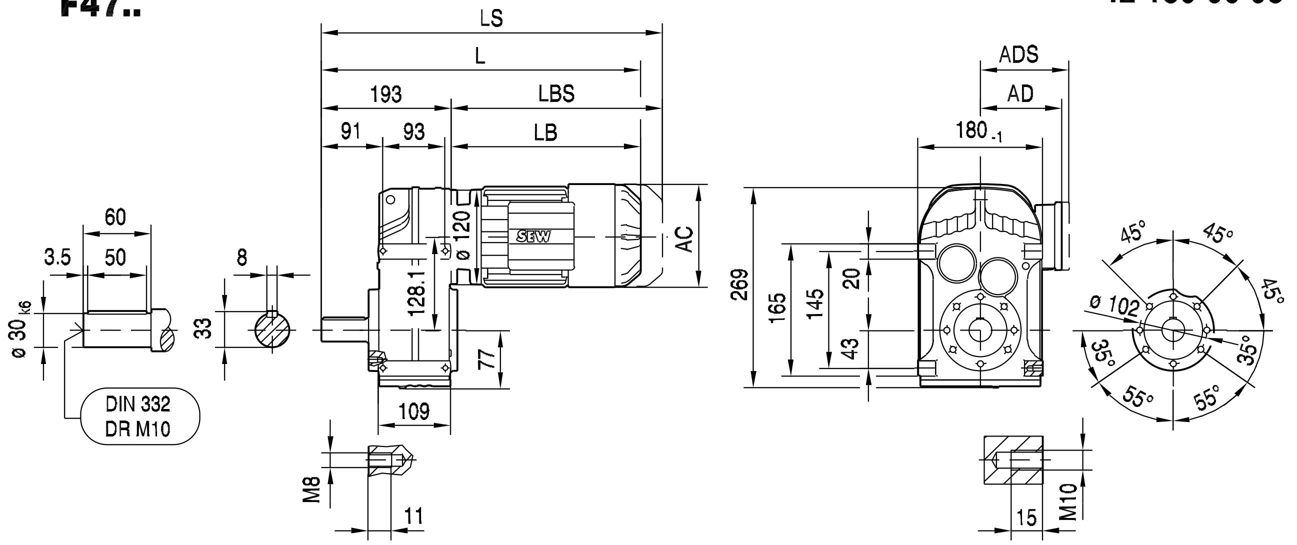
DRL..				c_{TG}				φ
	i	n_{epk} 1/min	η %	FA Nm/'	FAF Nm/'	F Nm/'	FF Nm/'	/R '
FA47 2	4.99	4500	97	99	99	34	30	9
	5.76	4500	97	99	99	34	30	9
	6.34	4500	97	99	99	34	30	8
	7.44	4500	97	99	99	34	30	8
	7.88	4500	97	99	99	34	30	8
	8.96	4500	97	99	99	34	30	8
	10.97	4500	97	125	125	37	32	6
	12.66	4500	97	125	125	37	32	6
	13.93	4500	97	125	125	37	32	6
	16.36	4500	97	125	125	37	32	6
	17.33	4500	97	125	125	37	32	6
	19.70	4500	97	125	125	37	32	6
	21.82	4500	97	125	125	37	32	6
	25.72	4500	97	125	125	37	32	6
	29.32	4500	97	125	125	37	32	6
	30.86	4500	97	125	125	37	32	6
FA47 3	28.88	4500	96	136	136	38	33	7
	34.29	4500	96	136	136	38	33	7
	36.61	4500	96	136	136	38	33	7
	42.86	4500	96	136	136	38	33	7
	48.00	4500	95	136	136	38	33	7
	56.49	4500	95	136	136	38	33	7
	65.36	4500	95	136	136	38	33	7
	68.09	4500	95	138	138	38	33	6
	79.72	4500	95	138	138	38	33	6
	89.29	4500	95	138	138	38	33	6
	105.09	4500	94	138	138	38	33	6
	121.57	4500	94	138	138	38	33	6
	130.07	4500	94	138	138	38	33	6
	150.06	4500	93	138	138	38	33	6
	175.38	4500	93	138	138	38	33	6
	190.76	4500	92	138	138	38	33	6



DRL.. n_e = 1400	i	M_{amax} Nm	M_{apk} Nm	$M_{aNotaus}$ Nm	n_{ak} 1/min	J_G 10^{-4} kgm^2	F_{Ramax} FA N	F_{Ramax} FAF N	F_{Ramax} F N	F_{Ramax} FF N	F_{Rapk} FA N	F_{Rapk} FAF N	F_{Rapk} F N	F_{Rapk} FF N
FA47 2	4.99	320	435	544	341	4.4	1160	1160	2310	2410	10000	10000	900	900
	5.76	340	435	578	295	3.4	1180	1180	2390	2500	10000	10000	900	900
	6.34	350	435	595	284	2.9	1230	1230	2470	2580	10000	10000	900	900
	7.44	380	435	646	242	2.3	1190	1190	2530	2660	10000	10000	900	900
	7.88	380	435	646	254	2.1	1280	1280	2630	2750	10000	10000	900	900
	8.96	330	435	561	424	1.6	1970	1970	3250	3310	10000	10000	900	900
	10.97	400	435	680	346	2.6	2060	2060	3440	3510	10000	10000	900	900
	12.66	400	435	680	371	2.1	2320	2320	3740	3790	10000	10000	900	900
	13.93	400	435	680	388	1.8	2510	2510	3950	3990	10000	10000	900	900
	16.36	400	435	680	403	1.5	2840	2840	4320	4340	10000	10000	900	900
	17.33	400	435	680	398	1.4	2960	2960	4450	4470	10000	10000	900	900
	19.70	400	435	680	355	1.1	3230	3230	4770	4770	10000	10000	900	900
	21.82	400	435	680	321	0.96	3460	3460	5030	5020	10000	10000	900	900
	25.72	400	435	680	272	0.75	3850	3850	5460	5430	10000	10000	900	900
	29.32	400	435	680	239	0.52	4170	4170	5830	5780	10000	10000	900	900
	30.86	400	435	680	227	0.46	4300	4300	5920	5920	10000	10000	900	900
FA47 3	28.88	400	435	680	111	1.1	4130	4130	5790	5740	10000	10000	900	900
	34.29	400	435	680	111	0.85	4580	4580	5920	5920	10000	10000	900	900
	36.61	400	435	680	112	0.76	4750	4750	5920	5920	10000	10000	900	900
	42.86	400	435	680	112	0.58	5190	5190	5920	5920	10000	10000	900	900
	48.00	400	435	680	113	0.48	5520	5520	5920	5920	10000	10000	900	900
	56.49	400	435	680	113	0.36	6020	6020	5920	5920	10000	10000	900	900
	65.36	400	435	680	107	0.29	6490	6490	5920	5920	10000	10000	900	900
	68.09	400	435	680	103	0.61	6620	6620	5920	5920	10000	10000	900	900
	79.72	400	435	680	88	0.48	7160	7160	5920	5920	10000	10000	900	900
	89.29	400	435	680	78	0.40	7570	7570	5920	5920	10000	10000	900	900
	105.09	400	435	680	67	0.30	8180	8180	5920	5920	10000	10000	900	900
	121.57	400	435	680	58	0.25	8760	8760	5920	5920	10000	10000	900	900
	130.07	400	435	680	54	0.23	9040	9040	5920	5920	10000	10000	900	900
	150.06	400	435	680	47	0.18	9640	9640	5920	5920	10000	10000	900	900
	175.38	400	435	680	40	0.14	10000	10000	5920	5920	10000	10000	900	900
	190.76	400	435	680	37	0.13	10000	10000	5920	5920	10000	10000	900	900

42 139 00 08

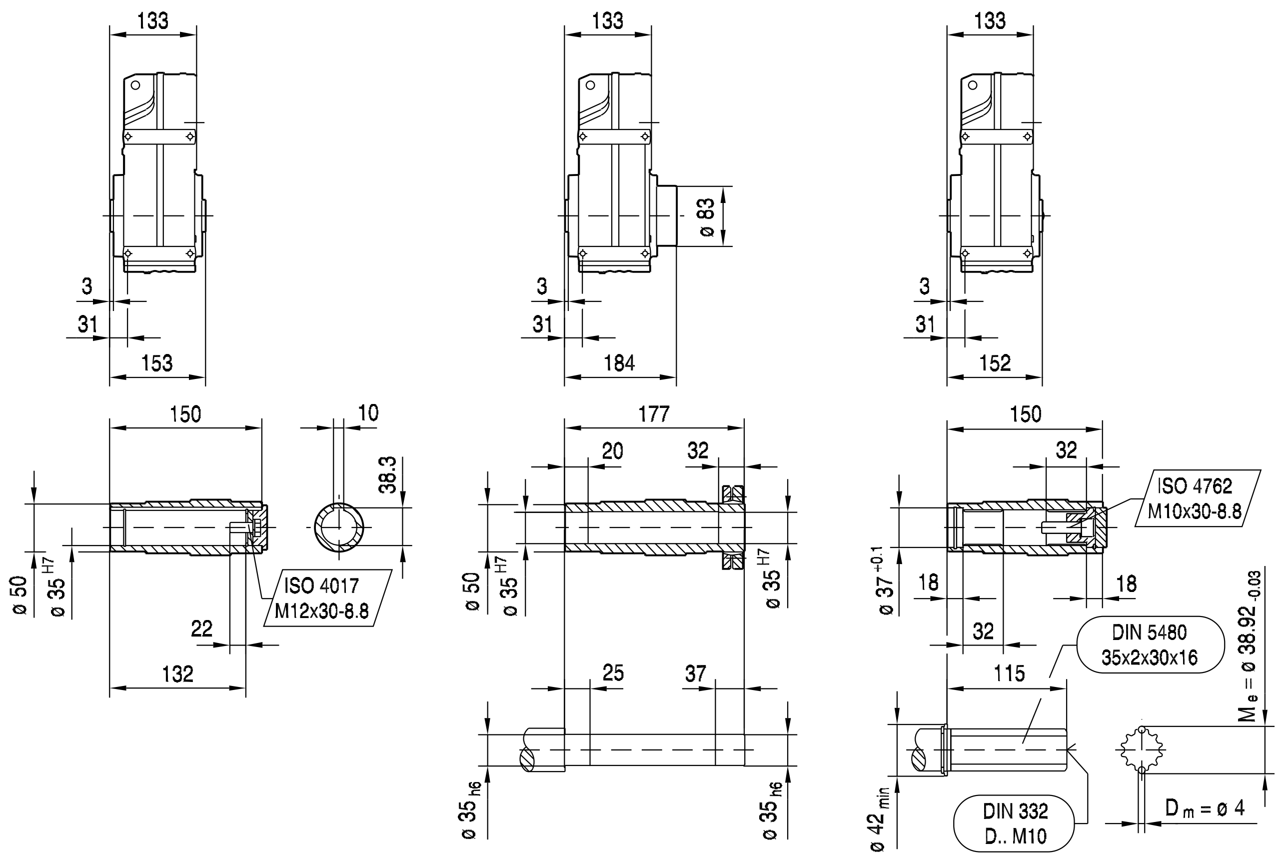
F47..



FA47B..

FH47B..

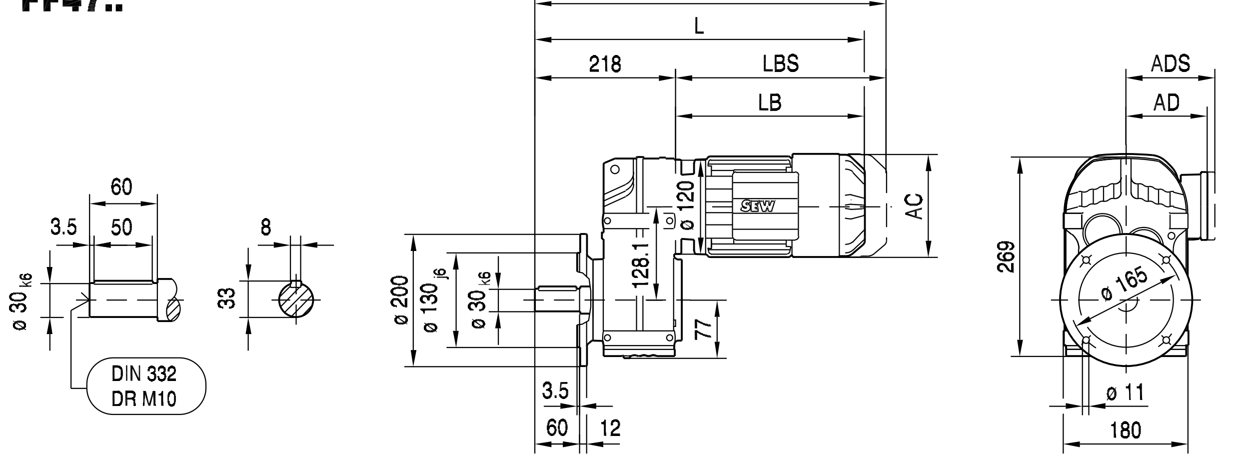
FV47B..



(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L		
AC	139	139	156	156	179	197		
AD	119	119	128	128	140	157		
ADS	129	129	139	139	150	158		
L	481	506	525	556	573	632		
LS	545	570	605	636	659	719		
LB	288	313	332	363	380	439		
LBS	352	377	412	443	466	526		

FF47..

42 140 00 08



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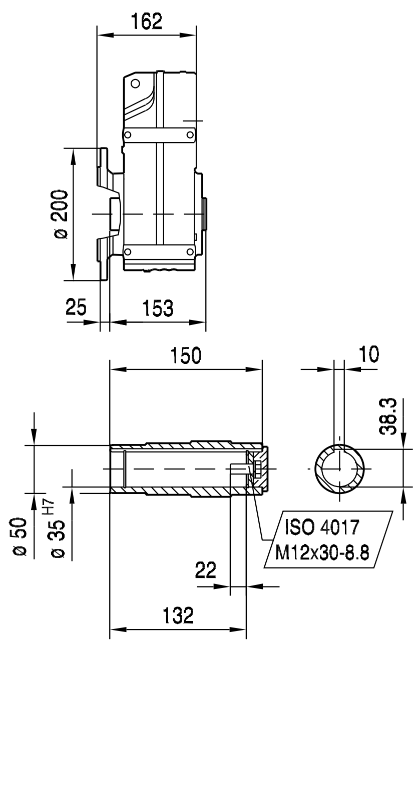

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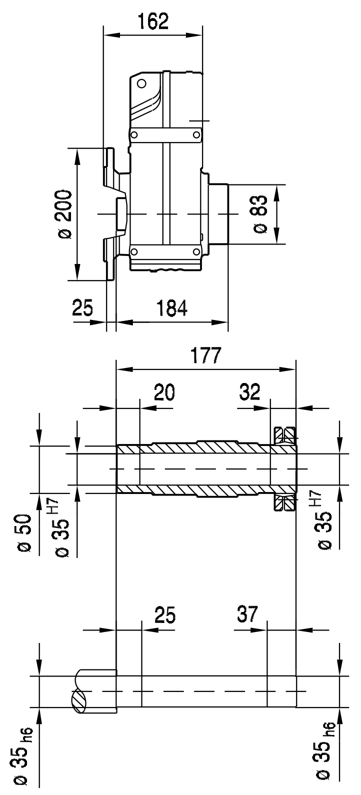

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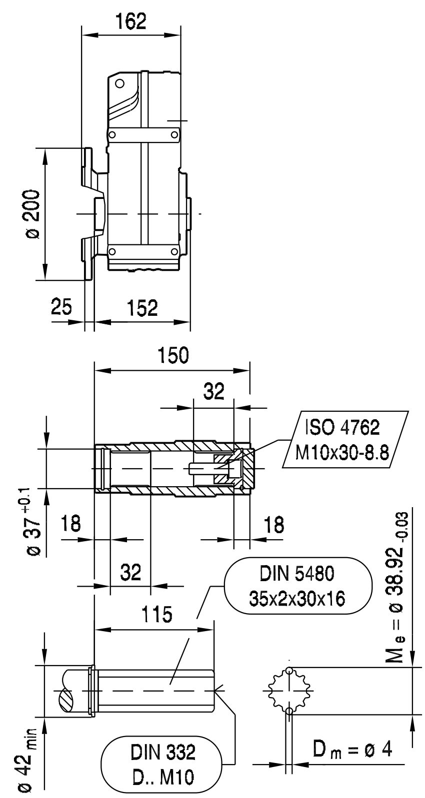
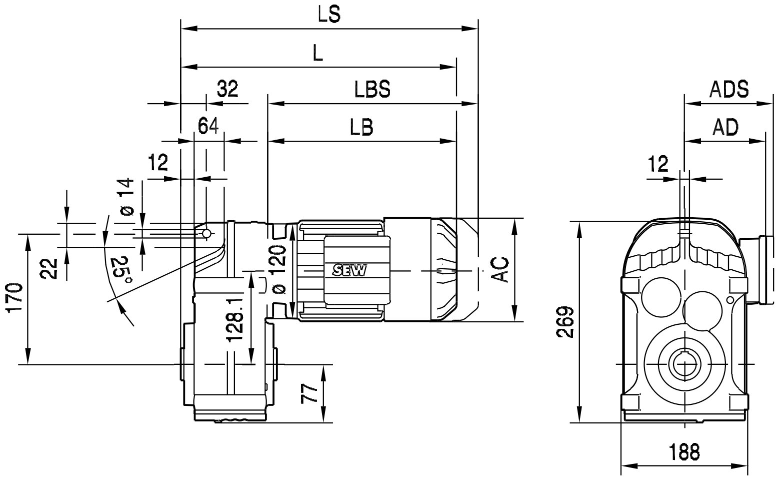
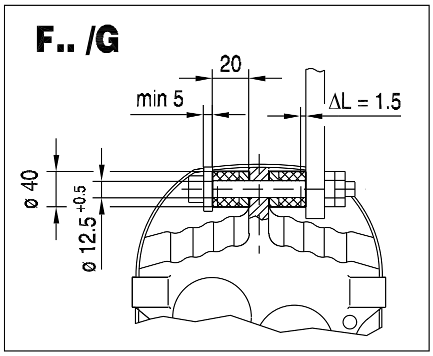


(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L		
AC	139	139	156	156	179	197		
AD	119	119	128	128	140	157		
ADS	129	129	139	139	150	158		
L	506	531	550	581	598	657		
LS	570	595	630	661	684	744		
LB	288	313	332	363	380	439		
LBS	352	377	412	443	466	526		

42 141 00 08

FA47..





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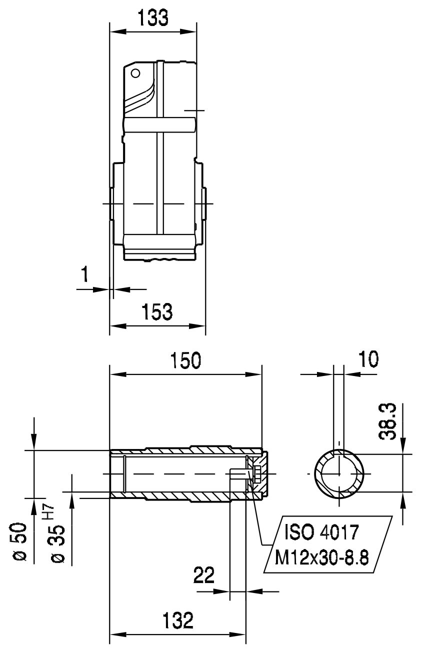

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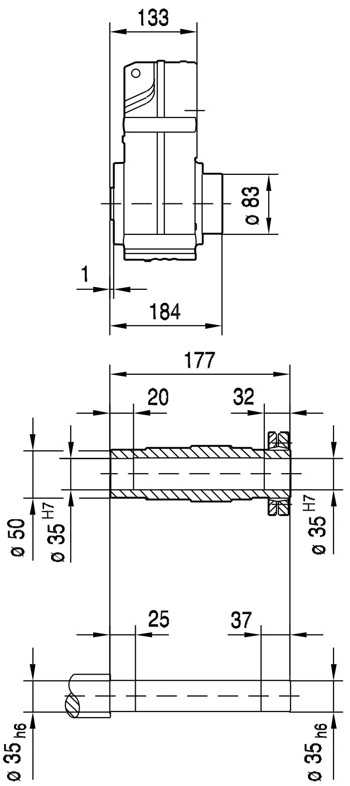

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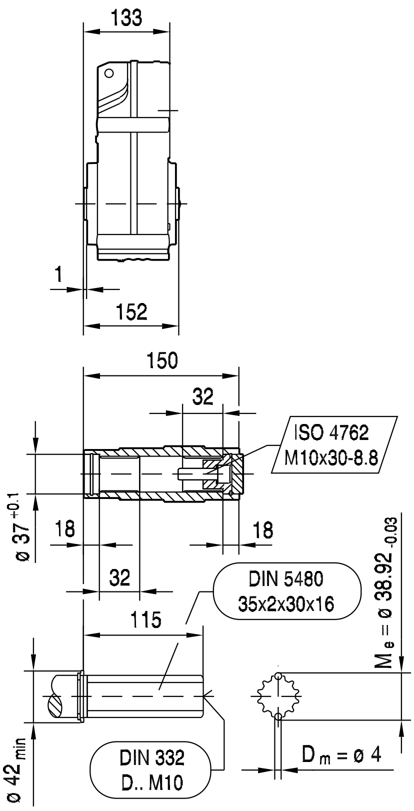
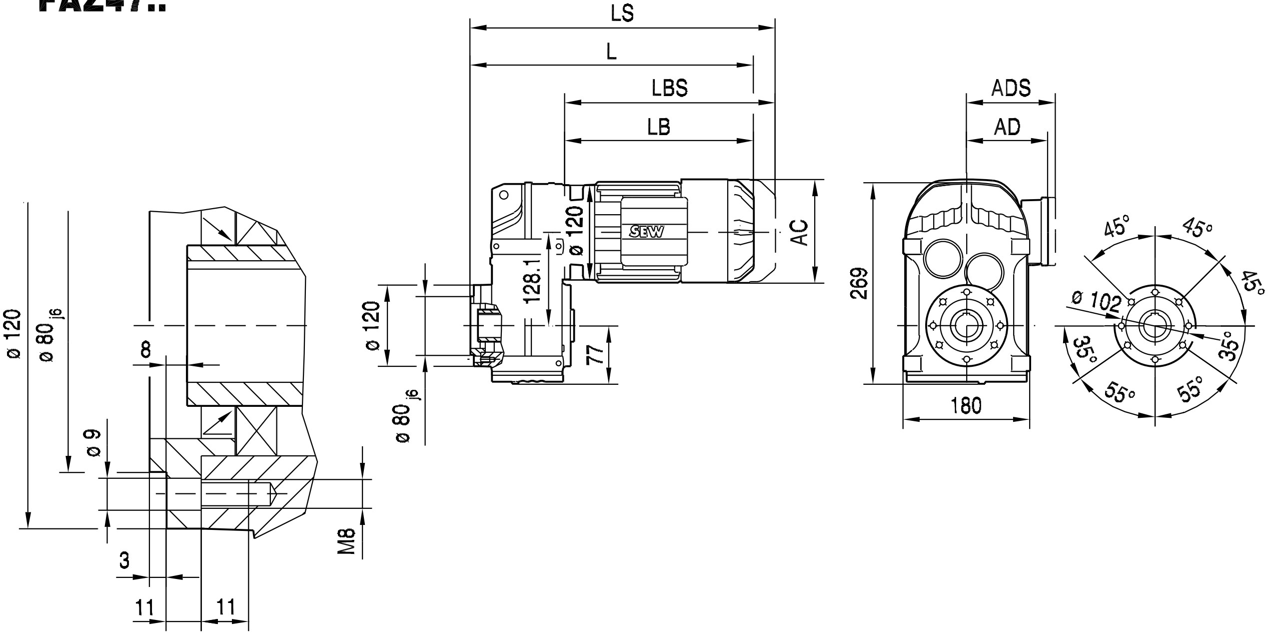


(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L		
AC	139	139	156	156	179	197		
AD	119	119	128	128	140	157		
ADS	129	129	139	139	150	158		
L	421	446	465	496	513	572		
LS	485	510	545	576	599	659		
LB	288	313	332	363	380	439		
LBS	352	377	412	443	466	526		

FAZ47..

42 142 00 08



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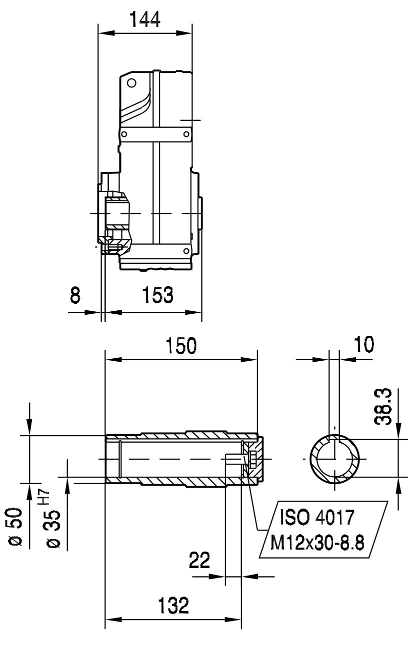

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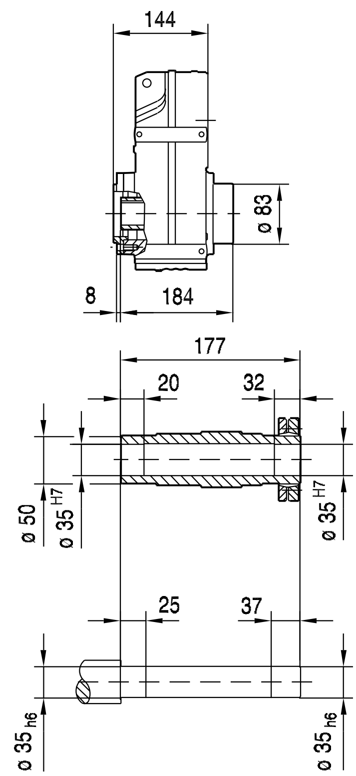

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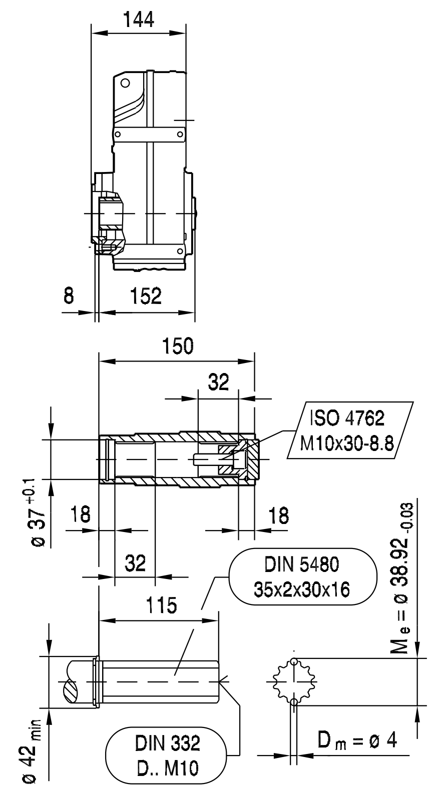
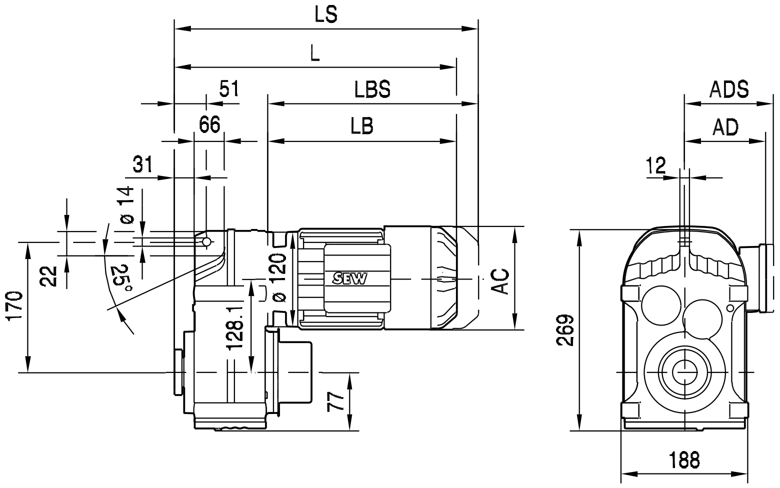
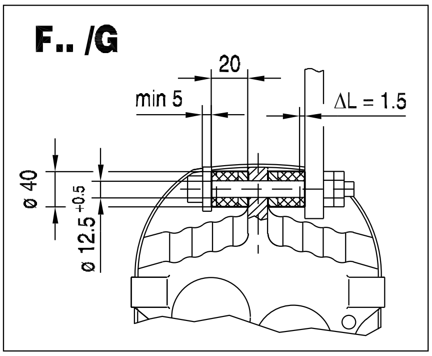


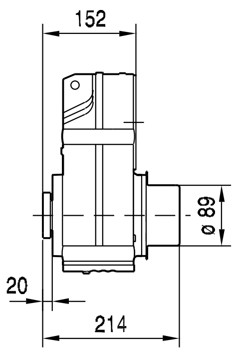
(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L		
AC	139	139	156	156	179	197		
AD	119	119	128	128	140	157		
ADS	129	129	139	139	150	158		
L	432	457	476	507	524	583		
LS	496	521	556	587	610	670		
LB	288	313	332	363	380	439		
LBS	352	377	412	443	466	526		

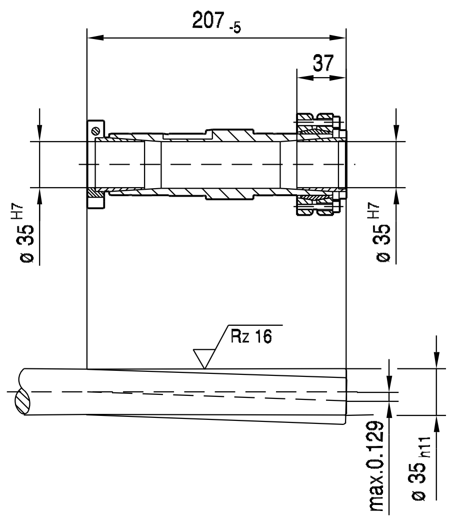
42 143 00 08

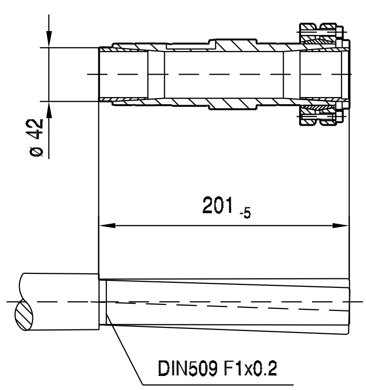
FT47..











(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L		
AC	139	139	156	156	179	197		
AD	119	119	128	128	140	157		
ADS	129	129	139	139	150	158		
L	440	465	484	515	532	591		
LS	504	529	564	595	618	678		
LB	288	313	332	363	380	439		
LBS	352	377	412	443	466	526		

9.2.4 F 57

M_{aDyn} Nm	i	DRL 71S D1	71S D2	71M D1	71M D2	80S D1	80S D2	80M D1	80M D2	90L D1	90L D2	100L D1	132S D1
FA57 2	5.18	25	43	35	70	50	126	65	166	126	230	176	400
	5.98	29	49	41	81	58	145	75	191	145	265	200	460
	6.58	32	54	45	89	64	160	83	210	160	290	220	>480
	7.73	37	64	52	105	75	187	97	245	187	340	260	>480
	8.19	40	68	56	111	79	199	103	260	199	365	275	>485
	9.31	45	77	63	126	90	225	117	295	225	415	315	
	10.64	52	88	72	144	103	255	134	340	255	470	360	>645
	12.29	60	101	83	167	119	295	155	390	295	545	415	>645
	13.52	66	111	92	184	131	325	170	430	325	600	455	>645
	15.88	77	131	108	215	154	385	200	505	385	>645	535	>645
	16.81	82	139	114	225	163	405	210	535	405	>645	570	>645
	19.11	93	158	130	255	185	460	240	610	460	>645	>645	
	21.17	103	175	144	285	205	510	265	>645	510	>645	>645	
	24.96	121	205	169	335	240	605	310	>645	605		>645	
	28.45	138	230	193	385	275	>645	355					
	29.94	145	245	200	405	290	>645	375					
	34.24	166	280	230		330		430					
	40.13	193		265									
FA57 3	30.15	145	245	200	405	285	>645	375	>645	>645	>645	>645	>645
	35.79	172	290	240	480	340	>645	445	>645	>645	>645	>645	>645
	38.21	183	310	255	510	365	>645	475	>645	>645	>645	>645	>645
	44.73	210	360	300	600	425	>645	555	>645	>645	>645	>645	
	50.10	240	405	335	>645	480	>645	625	>645	>645	>645	>645	
	58.97	280	475	390	>645	560	>645	>645	>645	>645		>645	
	68.22	320	550	450	>645	>645	>645	>645					
	72.98	345	585	485	>645	>645	>645	>645					
	83.46	395	>645	555	>645	>645	>645	>645	>645	>645	>645	>645	
	93.47	440	>645	620	>645	>645	>645	>645	>645	>645	>645	>645	
	110.01	515	>645	>645	>645	>645	>645	>645	>645	>645		>645	
	127.27	595	>645	>645	>645	>645	>645	>645					
	136.16	635	>645	>645	>645	>645	>645	>645					
	157.09	>645	>645	>645		>645		>645					
	183.60	>645		>645									
	199.70	>645		>645									

→ 124

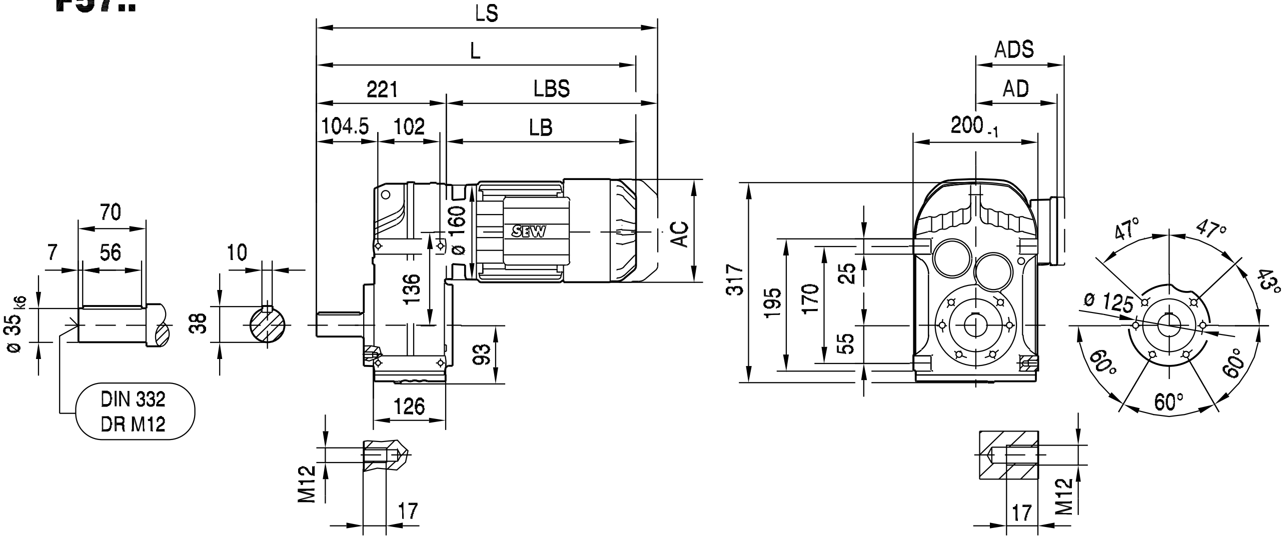
m kg	s	DRL 71S	71M	80S	80M	90L	100L	132S
FA57	2	31	32	34	37	45	53	68
FA57	3	31	33	35	38	46	53	69
FAF: + 5.5 kg / F: + 0.2 kg / FF: + 6.6 kg								

DRL..				c_{TG}				φ
	i	**n_{epk} 1/min**	**η %**	**FA Nm/'**	**FAF Nm/'**	**F Nm/'**	**FF Nm/'**	**/R '**
FA57 2	5.18	4468	97	120	120	43	38	9
	5.98	4500	97	120	120	43	38	9
	6.58	4500	97	120	120	43	38	8
	7.73	4500	97	120	120	43	38	8
	8.19	4500	97	120	120	43	38	8
	9.31	4500	97	120	120	43	38	8
	10.64	4500	97	150	150	47	40	6
	12.29	4500	97	150	150	47	40	6
	13.52	4500	97	150	150	47	40	6
	15.88	4500	97	150	150	47	40	6
	16.81	4500	97	150	150	47	40	6
	19.11	4500	97	150	150	47	40	6
	21.17	4500	97	150	150	47	40	6
	24.96	4500	97	150	150	47	40	6
	28.45	4500	97	150	150	47	40	6
	29.94	4500	97	150	150	47	40	6
	34.24	4500	97	150	150	47	40	6
	40.13	4500	96	150	150	47	40	6
FA57 3	30.15	4500	96	169	169	49	41	7
	35.79	4500	96	169	169	49	41	7
	38.21	4500	96	169	169	49	41	7
	44.73	4500	96	169	169	49	41	7
	50.10	4500	96	169	169	49	41	7
	58.97	4500	95	169	169	49	41	7
	68.22	4500	95	169	169	49	41	6
	72.98	4500	95	169	169	49	41	6
	83.46	4500	95	171	171	49	42	6
	93.47	4500	95	171	171	49	42	6
	110.01	4500	94	171	171	49	42	6
	127.27	4500	94	171	171	49	42	6
	136.16	4500	94	171	171	49	42	6
	157.09	4500	94	171	171	49	42	6
	183.60	4500	93	171	171	49	42	6
	199.70	4500	93	171	171	49	42	6

DRL..							F_{Ramax}				F_{Rapk}			
n_e = 1400	i	M_{amax} Nm	M_{apk} Nm	$M_{aNotaus}$ Nm	n_{ak} 1/min	J_G 10^{-4} kgm^2	FA N	FAF N	F N	FF N	FA N	FAF N	F N	FF N
FA57 2	5.18	415	475	706	405	5.8	2020	2020	3460	3670	11500	11500	9910	8490
	5.98	420	475	714	452	4.5	2240	2240	3730	3940	11500	11500	9910	8490
	6.58	420	480	714	502	3.8	2430	2430	3940	4140	11500	11500	9880	8460
	7.73	420	480	714	595	2.9	2760	2760	4310	4500	11500	11500	9880	8460
	8.19	420	485	714	623	2.6	2880	2880	4450	4640	11500	11500	9840	8440
	9.31	420	460	714	666	2.0	3170	3170	4760	4950	11500	11500	10000	8580
	10.64	600	645	1020	207	3.2	2470	2470	4320	4590	11500	11500	6930	6930
	12.29	600	645	1020	212	2.6	2810	2810	4710	4970	11500	11500	6930	6930
	13.52	600	645	1020	207	2.2	3050	3050	4980	5230	11500	11500	6930	6930
	15.88	600	645	1020	214	1.8	3470	3470	5450	5690	11500	11500	6930	6930
	16.81	600	645	1020	214	1.6	3630	3630	5620	5860	11500	11500	6930	6930
	19.11	600	645	1020	215	1.3	3980	3980	6020	6260	11500	11500	6930	6930
	21.17	600	645	1020	217	1.1	4280	4280	6350	6580	11500	11500	6930	6930
	24.96	575	645	978	252	0.84	4970	4970	7060	7260	11500	11500	6930	6930
	28.45	535	645	910	246	0.59	5690	5690	7760	7930	11500	11500	6930	6930
	29.94	545	645	927	234	0.53	5790	5790	7890	8060	11500	11500	6930	6930
	34.24	500	645	850	204	0.43	6580	6580	8670	8500	11500	11500	6930	6930
	40.13	290	435	493	174	0.34	8750	8750	10500	9550	11500	11500	10400	8850
FA57 3	30.15	590	645	1003	50	1.3	5460	5460	7650	7850	11500	11500	6930	6930
	35.79	600	645	1020	47	0.94	5980	5980	8250	7900	11500	11500	6930	6930
	38.21	600	645	1020	50	0.84	6210	6210	8510	7900	11500	11500	6930	6930
	44.73	600	645	1020	49	0.64	6790	6790	9160	7900	11500	11500	6930	6930
	50.10	600	645	1020	50	0.52	7230	7230	9200	7900	11500	11500	6930	6930
	58.97	600	645	1020	51	0.38	7890	7890	9200	7900	11500	11500	6930	6930
	68.22	600	645	1020	51	0.31	8510	8510	9200	7900	11500	11500	6930	6930
	72.98	600	645	1020	51	0.28	8810	8810	9200	7900	11500	11500	6930	6930
	83.46	600	645	1020	42	0.51	9420	9420	9200	7900	11500	11500	6930	6930
	93.47	600	645	1020	42	0.42	9960	9960	9200	7900	11500	11500	6930	6930
	110.01	600	645	1020	42	0.31	10800	10800	9200	7900	11500	11500	6930	6930
	127.27	600	645	1020	42	0.26	11500	11500	9200	7900	11500	11500	6930	6930
	136.16	600	645	1020	43	0.23	11500	11500	9200	7900	11500	11500	6930	6930
	157.09	600	645	1020	43	0.19	11500	11500	9200	7900	11500	11500	6930	6930
	183.60	600	645	1020	38	0.15	11500	11500	9200	7900	11500	11500	6930	6930
	199.70	600	645	1020	35	0.13	11500	11500	9200	7900	11500	11500	6930	6930

42 144 00 08

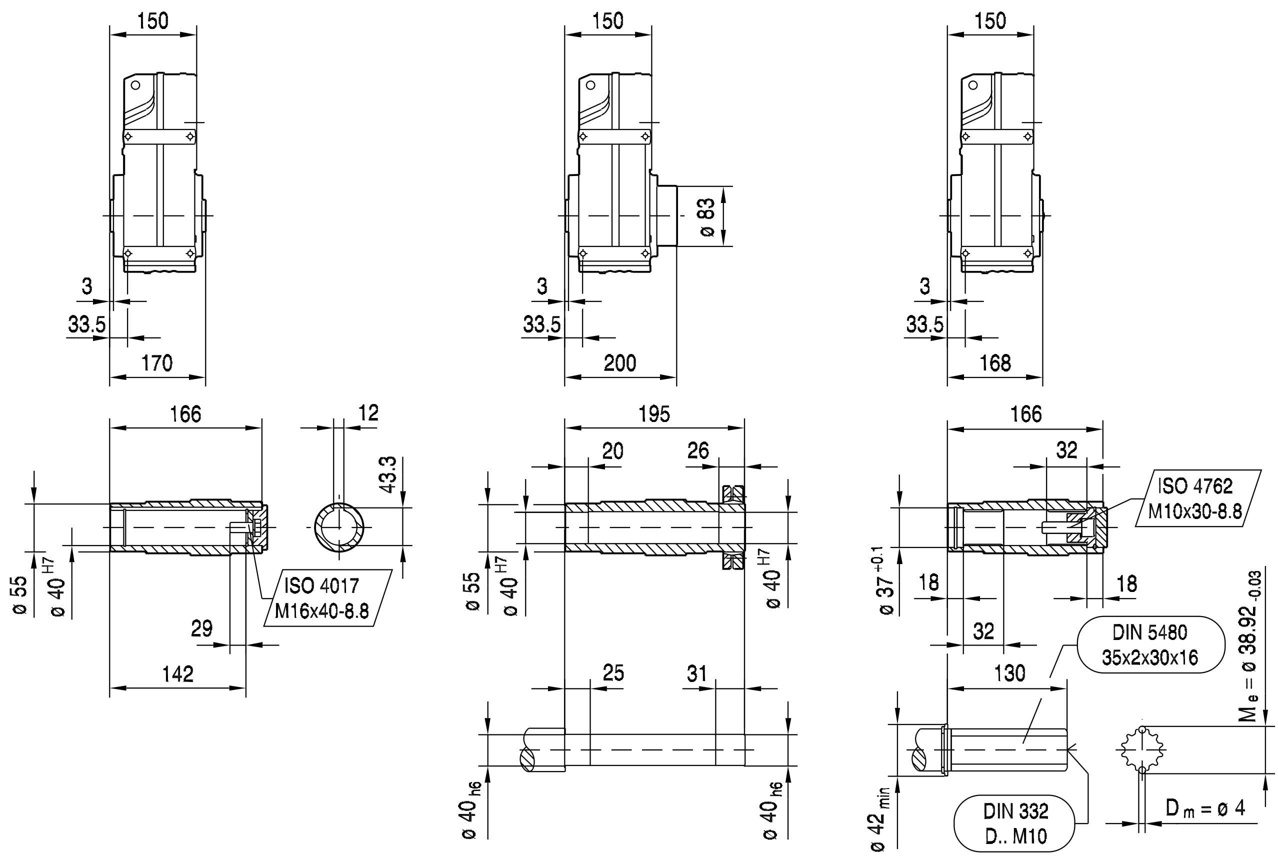
F57..



FA57B..

FH57B..
max. DR132S

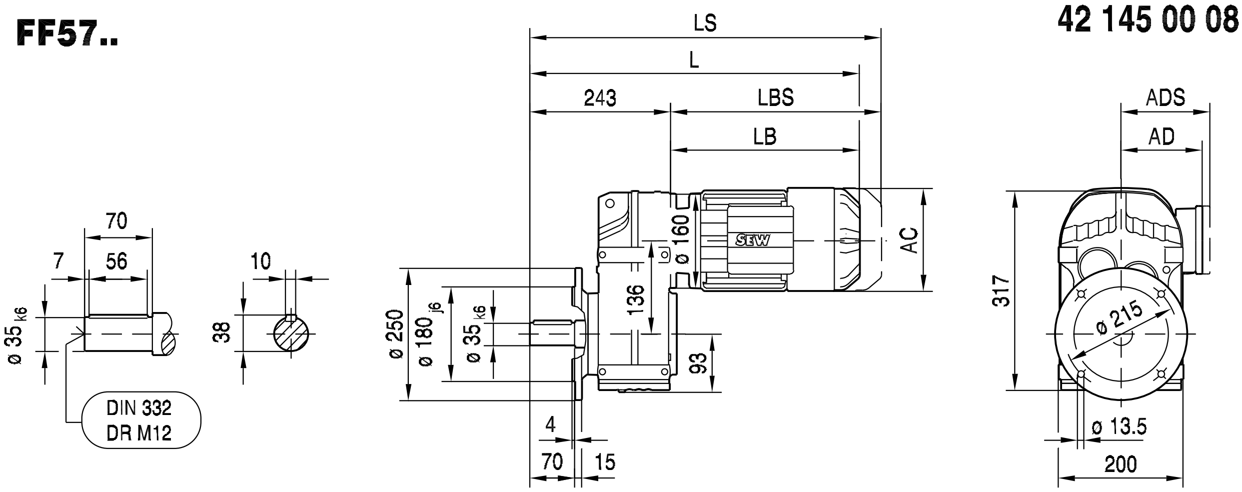
FV57B..



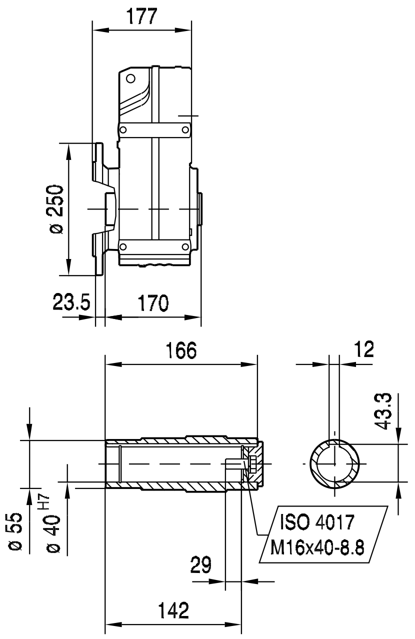
(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	
AC	139	139	156	156	179	197	221	
AD	119	119	128	128	140	157	170	
ADS	129	129	139	139	150	158	172	
L	501	526	547	578	592	651	736	
LS	566	591	627	658	678	738	844	
LB	280	305	326	357	371	430	515	
LBS	345	370	406	437	457	517	623	

FF57..

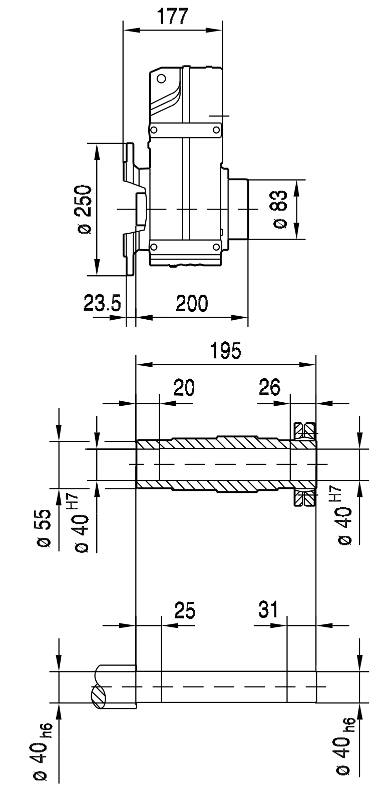
42 145 00 08



FAF57..



FHF57..
max. DR132S



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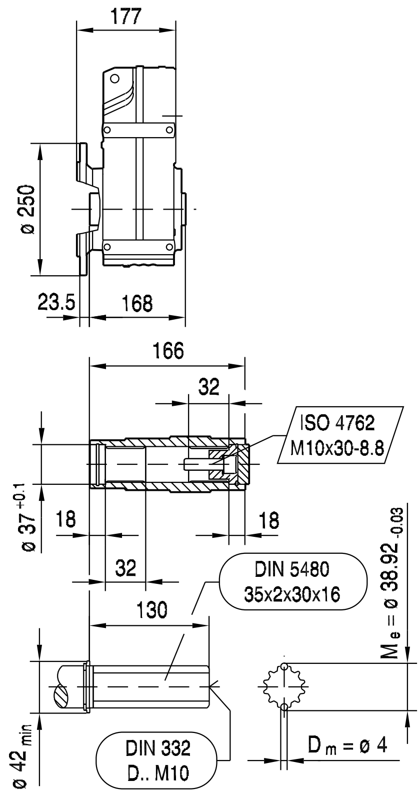
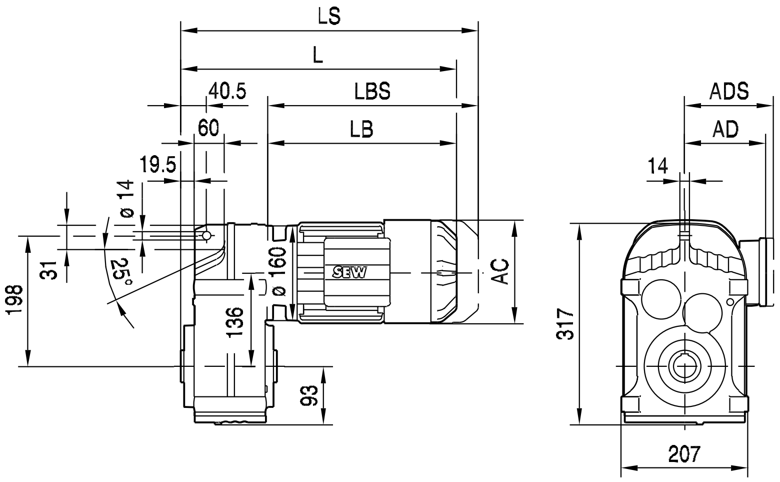
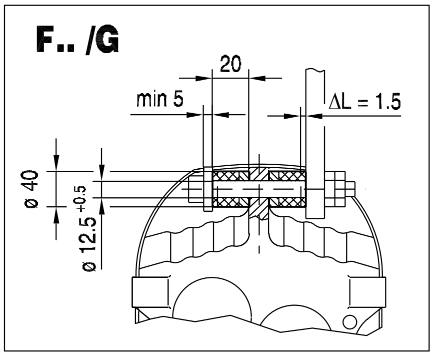


(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	
AC	139	139	156	156	179	197	221	
AD	119	119	128	128	140	157	170	
ADS	129	129	139	139	150	158	172	
L	523	548	569	600	614	673	758	
LS	588	613	649	680	700	760	866	
LB	280	305	326	357	371	430	515	
LBS	345	370	406	437	457	517	623	

42 146 00 08

FA57..





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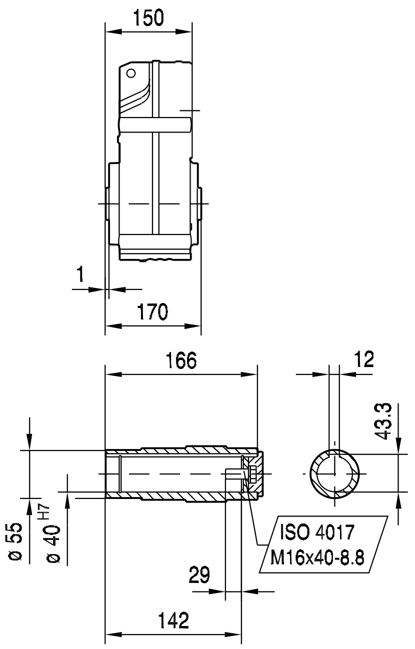
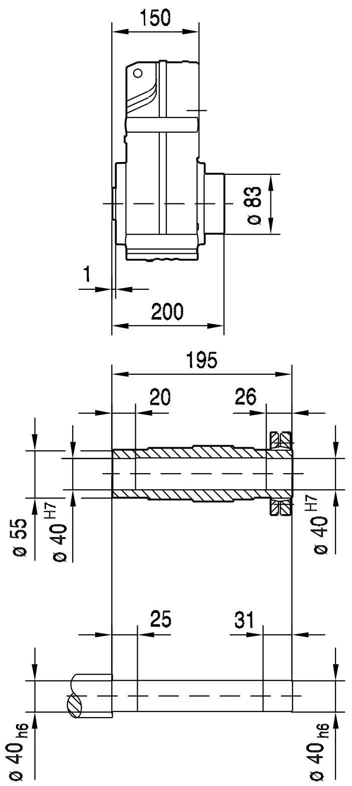
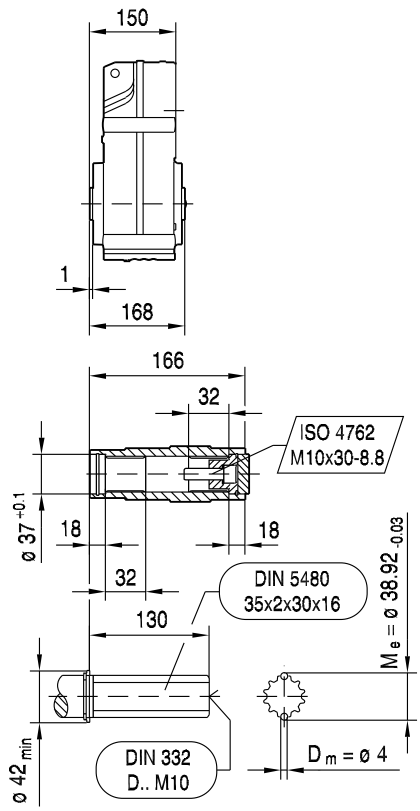


FH57..

max. DR132S



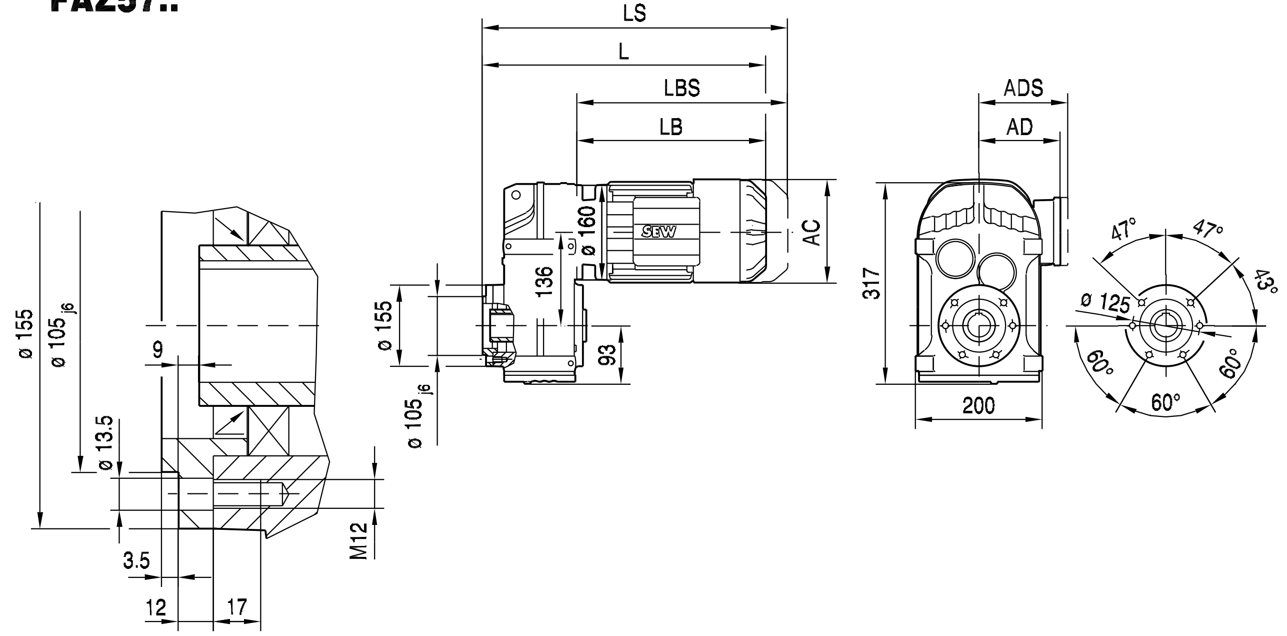
FV57..



(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	
AC	139	139	156	156	179	197	221	
AD	119	119	128	128	140	157	170	
ADS	129	129	139	139	150	158	172	
L	430	455	476	507	521	580	665	
LS	495	520	556	587	607	667	773	
LB	280	305	326	357	371	430	515	
LBS	345	370	406	437	457	517	623	

FAZ57..

42 147 00 08



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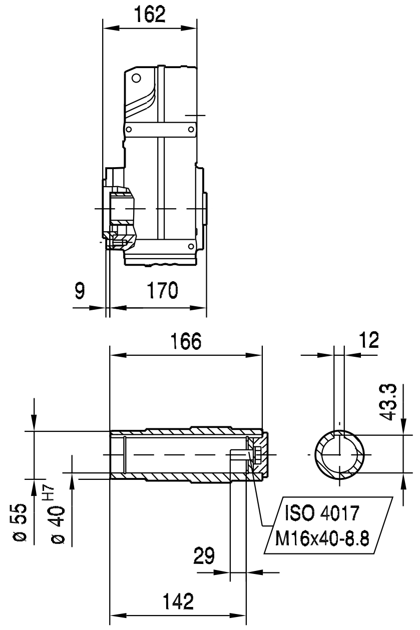
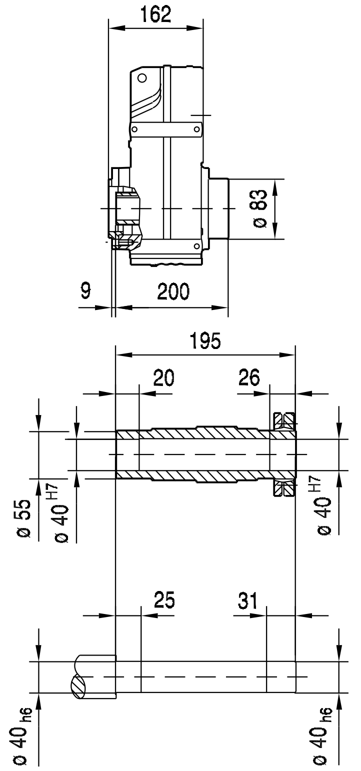


FHZ57..
max. DR132S



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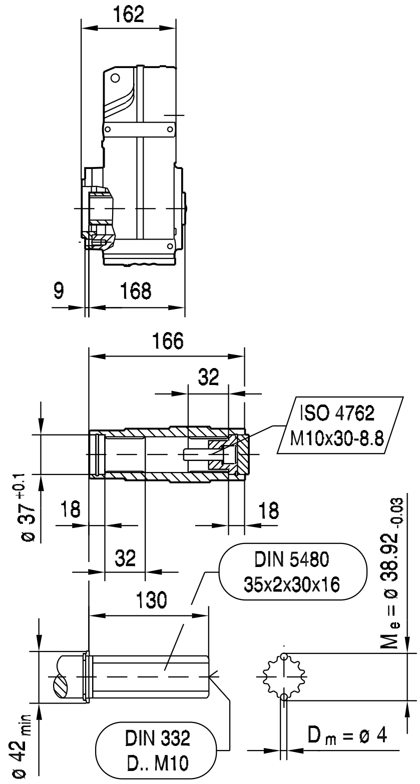
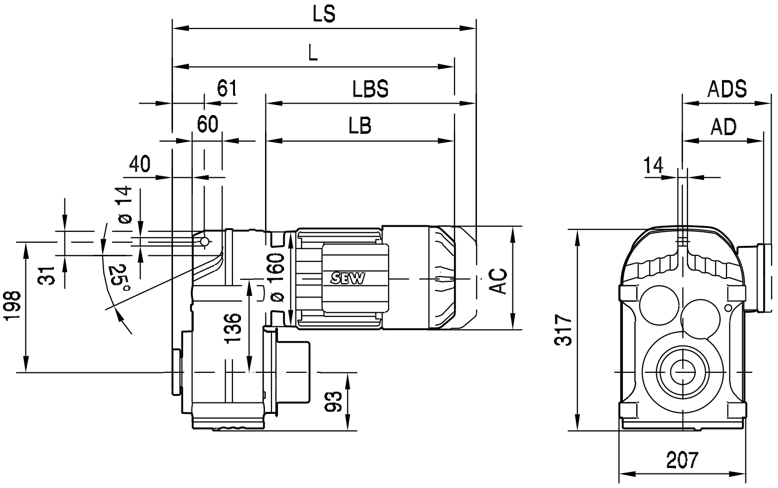
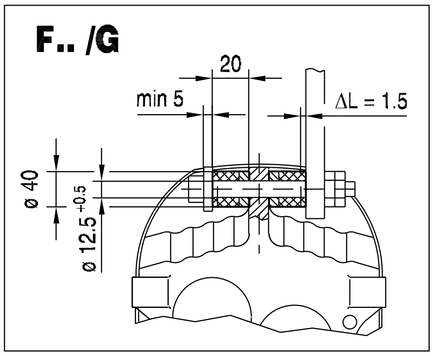


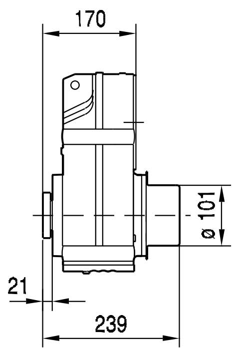
(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	
AC	139	139	156	156	179	197	221	
AD	119	119	128	128	140	157	170	
ADS	129	129	139	139	150	158	172	
L	442	467	488	519	533	592	677	
LS	507	532	568	599	619	679	785	
LB	280	305	326	357	371	430	515	
LBS	345	370	406	437	457	517	623	

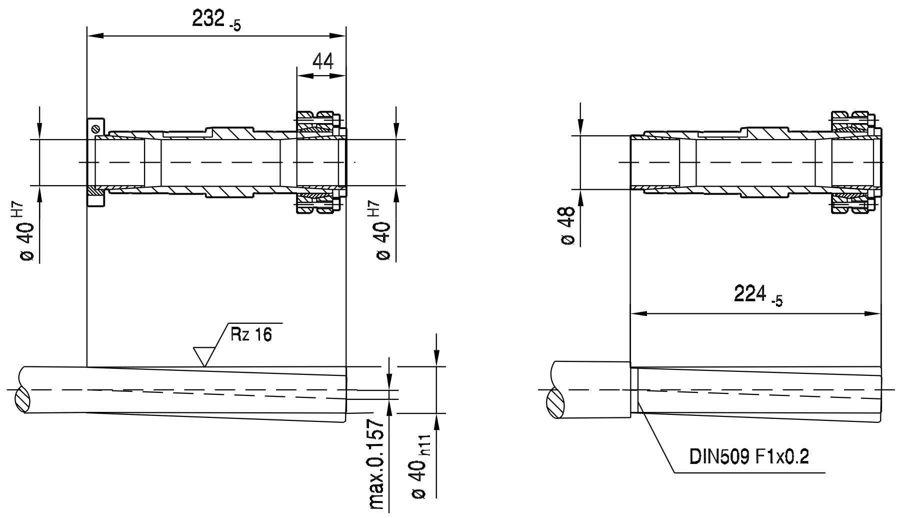
42 148 00 08

FT57..









(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	
AC	139	139	156	156	179	197	221	
AD	119	119	128	128	140	157	170	
ADS	129	129	139	139	150	158	172	
L	450	475	496	527	541	600	685	
LS	515	540	576	607	627	687	793	
LB	280	305	326	357	371	430	515	
LBS	345	370	406	437	457	517	623	

9.2.5 F 67

M_{aDyn} Nm	i	DRL 71S D1	71S D2	71M D1	71M D2	80S D1	80S D2	80M D1	80M D2	90L D1	90L D2	100L D1	132S D1	132S D2	132MC D1
FA67 2	3.97		33		54	39	96	50	127	96	177	135	305	575	500
	4.66		38		63	45	113	59	149	113	205	158	360	675	585
	5.25		43		71	51	127	66	168	127	230	178	405	>705	660
	5.95	29	50	41	82	58	146	76	192	146	265	200	465	>705	>705
	6.78	33	56	46	92	66	164	85	215	164	300	230	525	>710	>710
	7.53	37	62	51	102	73	183	95	240	183	335	255	580		
	8.60	42	71	58	117	83	205	108	275	205	380	290	665		
	9.08	44	75	62	123	88	220	114	290	220	405	305	700		
	9.66		80		131	94	230	122	305	230	430	325	745	>920	>920
	11.31		93		154	110	270	143	360	270	500	380	870	>920	>920
	12.76		105		173	124	305	161	405	305	565	430	>920	>920	>920
	14.46	70	119	98	196	140	350	182	460	350	645	490	>920	>920	>920
	16.48	80	136	112	220	160	395	205	525	395	735	555	>920	>920	>920
	18.29	89	151	124	245	177	440	230	585	440	810	620	>920		
	20.90	101	172	142	280	200	505	260	665	505	>920	705	>920		
	22.05	107	182	150	295	210	530	275	705	530	>920	745	>920		
	25.13	122	205	171	340	240	605	315	800	605	>920	850			
	27.41	133	225	186	370	265	660	345	870	660	>920	>920			
	32.08	156	260	215	435	310	775	400	>920	775		>920			
	36.30	176	295	245	490	350	880	455							
FA67 3	34.01	163	275	225	455	325	810	420	>920	810	>920	>920	>920		
	39.26	188	320	260	525	375	>920	485	>920	>920	>920	>920	>920		
	43.20	205	350	290	580	410	>920	535	>920	>920	>920	>920	>920		
	50.74	240	410	340	680	485	>920	630	>920	>920	>920	>920	>920		
	53.73	255	435	360	720	515	>920	670	>920	>920	>920	>920	>920		
	61.07	290	490	405	810	580	>920	750	>920	>920	>920	>920			
	67.65	320	545	445	890	640	>920	830	>920	>920	>920	>920			
	79.76	375	640	530	>920	755	>920	>920	>920	>920		>920			
	90.59	430	730	600	>920	860	>920	>920	>920	>920	>920	>920	>920		
	95.94	455	770	635	>920	910	>920	>920	>920	>920	>920	>920	>920		
	109.04	515	880	725	>920	>920	>920	>920	>920	>920	>920	>920			
	120.79	565	>920	790	>920	>920	>920	>920	>920	>920	>920	>920			
	142.40	665	>920	>920	>920	>920	>920	>920	>920	>920		>920			
	162.31	760	>920	>920	>920	>920	>920	>920							
	170.85	790	>920	>920	>920	>920	>920	>920							
	195.39	900	>920	>920		>920		>920							
	228.99	>920		>920											

→ 📖 124

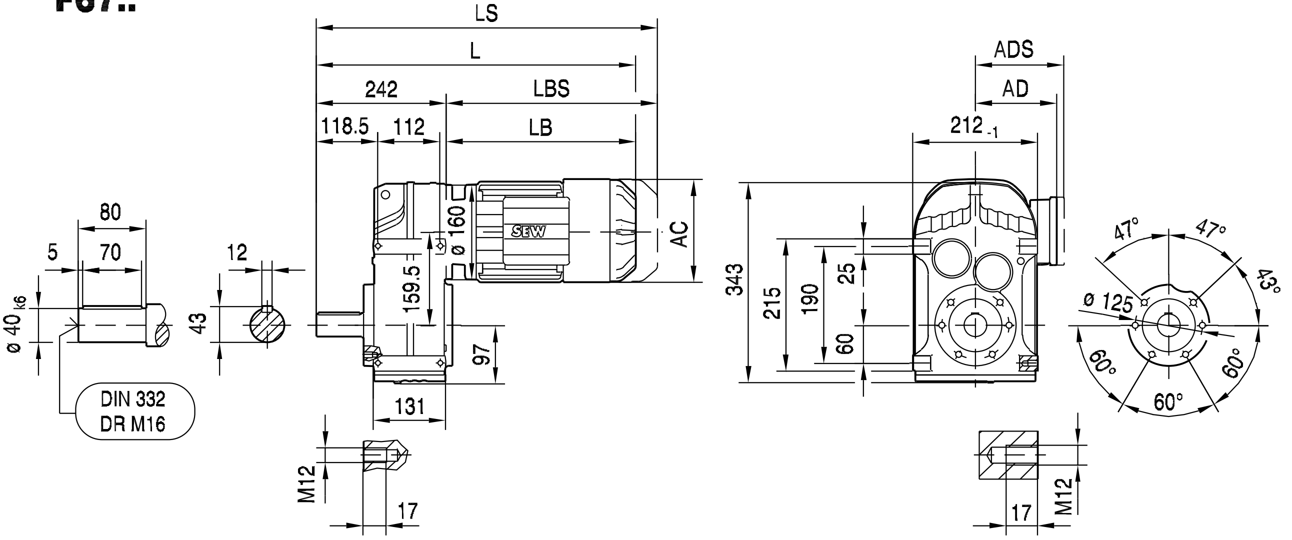
m kg	s	DRL 71S	71M	80S	80M	90L	100L	132S	132MC
FA67	2	34	35	38	40	48	56	71	88
FA67	3	35	37	39	42	49	57	73	89
FAF: + 6.3 kg / F: + 2.8 kg / FF: + 8.9 kg									

DRL..	i	n_{epk} 1/min	η %	c_{TG} FA Nm/'	FAF Nm/'	F Nm/'	FF Nm/'	φ /R '
FA67 2	3.97	4500	97	129	129	68	62	10
	4.66	4500	97	129	129	68	62	9
	5.25	4500	97	129	129	68	62	9
	5.95	4500	98	129	129	68	62	9
	6.78	4500	97	129	129	68	62	9
	7.53	4500	97	129	129	68	62	8
	8.60	4500	97	129	129	68	62	8
	9.08	4500	97	129	129	68	62	8
	9.66	4500	97	173	173	79	71	6
	11.31	4500	97	173	173	79	71	6
	12.76	4500	97	173	173	79	71	6
	14.46	4500	97	173	173	79	71	6
	16.48	4500	97	173	173	79	71	6
	18.29	4500	97	173	173	79	71	6
	20.90	4500	97	173	173	79	71	5
	22.05	4500	97	173	173	79	71	5
	25.13	4500	97	173	173	79	71	5
	27.41	4500	97	173	173	79	71	5
	32.08	4500	97	173	173	79	71	5
	36.30	4500	97	173	173	79	71	5
FA67 3	34.01	4500	96	187	187	82	74	6
	39.26	4500	96	187	187	82	74	6
	43.20	4500	96	187	187	82	74	6
	50.74	4500	96	187	187	82	74	6
	53.73	4500	96	187	187	82	74	6
	61.07	4500	95	187	187	82	74	6
	67.65	4500	95	187	187	82	74	6
	79.76	4500	95	187	187	82	74	6
	90.59	4500	95	189	189	82	74	6
	95.94	4500	95	189	189	82	74	6
	109.04	4500	95	189	189	82	74	6
	120.79	4500	94	189	189	82	74	6
	142.40	4500	94	189	189	82	74	6
	162.31	4500	94	189	189	82	74	6
	170.85	4500	93	189	189	82	74	6
	195.39	4500	93	189	189	82	74	6
	228.99	4500	93	189	189	82	74	6

DRL.. n_e = 1400	i	M_{amax} Nm	M_{apk} Nm	$M_{aNotaus}$ Nm	n_{ak} 1/min	J_G 10^{-4} kgm^2	F_{Ramax} FA N	F_{Ramax} FAF N	F_{Ramax} F N	F_{Ramax} FF N	F_{Rapk} FA N	F_{Rapk} FAF N	F_{Rapk} F N	F_{Rapk} FF N
FA67 2	3.97	500	695	850	403	16	1220	1220	8390	8620	13000	13000	11300	11300
	4.66	560	700	952	322	12	1020	1020	8590	8860	13000	13000	11300	11300
	5.25	590	705	1003	286	10.0	1010	1010	8850	9140	13000	13000	11200	11200
	5.95	610	705	1037	286	8.0	1090	1090	9200	9500	13000	13000	11200	11200
	6.78	620	710	1054	295	6.3	1280	1280	9660	9950	13000	13000	11200	11200
	7.53	610	715	1037	332	5.5	1570	1570	10100	10400	13000	13000	11200	11200
	8.60	570	715	969	442	4.4	2180	2180	10900	11200	13000	13000	11200	11200
	9.08	530	715	901	573	4.0	2620	2620	11400	11600	13000	13000	11200	11200
	9.66	820	920	1394	186	8.5	1580	1580	10300	10300	13000	13000	9310	9310
	11.31	820	920	1394	203	6.7	1960	1960	10300	10300	13000	13000	9310	9310
	12.76	820	920	1394	212	5.6	2260	2260	10300	10300	13000	13000	9310	9310
	14.46	820	920	1394	228	4.6	2580	2580	10300	10300	13000	13000	9310	9310
	16.48	820	920	1394	237	3.8	2940	2940	10300	10300	13000	13000	9310	9310
	18.29	820	920	1394	252	3.4	3230	3230	10300	10300	13000	13000	9310	9310
	20.90	820	920	1394	263	2.7	3620	3620	10300	10300	13000	13000	9310	9310
	22.05	820	920	1394	268	2.5	3780	3780	10300	10300	13000	13000	9310	9310
	25.13	820	920	1394	275	2.0	4190	4190	10300	10300	13000	13000	9310	9310
	27.41	820	920	1394	255	1.7	4470	4470	10300	10300	13000	13000	9310	9310
	32.08	820	920	1394	218	1.4	5000	5000	10300	10300	13000	13000	9310	9310
	36.30	820	920	1394	193	0.98	5440	5440	10300	10300	13000	13000	9310	9310
FA67 3	34.01	740	920	1258	44	2.8	5730	5730	11000	11000	13000	13000	9310	9310
	39.26	780	920	1326	38	2.2	5980	5980	10700	10700	13000	13000	9310	9310
	43.20	820	920	1394	35	1.9	6080	6080	10300	10300	13000	13000	9310	9310
	50.74	820	920	1394	34	1.6	6710	6710	10300	10300	13000	13000	9310	9310
	53.73	820	920	1394	34	1.4	6940	6940	10300	10300	13000	13000	9310	9310
	61.07	820	920	1394	34	1.1	7480	7480	10300	10300	13000	13000	9310	9310
	67.65	820	920	1394	35	0.97	7930	7930	10300	10300	13000	13000	9310	9310
	79.76	820	920	1394	36	0.76	8680	8680	10300	10300	13000	13000	9310	9310
	90.59	820	920	1394	56	1.4	9290	9290	10300	10300	13000	13000	9310	9310
	95.94	820	920	1394	56	1.2	9570	9570	10300	10300	13000	13000	9310	9310
	109.04	820	920	1394	57	0.98	10200	10200	10300	10300	13000	13000	9310	9310
	120.79	820	920	1394	57	0.85	10800	10800	10300	10300	13000	13000	9310	9310
	142.40	820	920	1394	49	0.68	11700	11700	10300	10300	13000	13000	9310	9310
	162.31	820	920	1394	43	0.47	12400	12400	10300	10300	13000	13000	9310	9310
	170.85	820	920	1394	41	0.42	12700	12700	10300	10300	13000	13000	9310	9310
	195.39	820	920	1394	36	0.34	13000	13000	10300	10300	13000	13000	9310	9310
	228.99	820	920	1394	31	0.27	13000	13000	10300	10300	13000	13000	9310	9310

42 149 00 08

F67..



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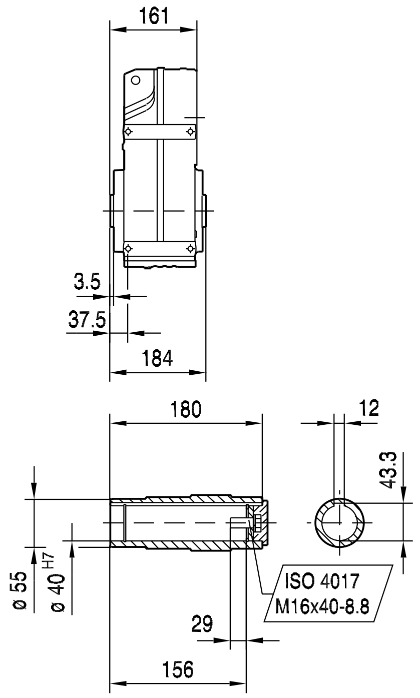
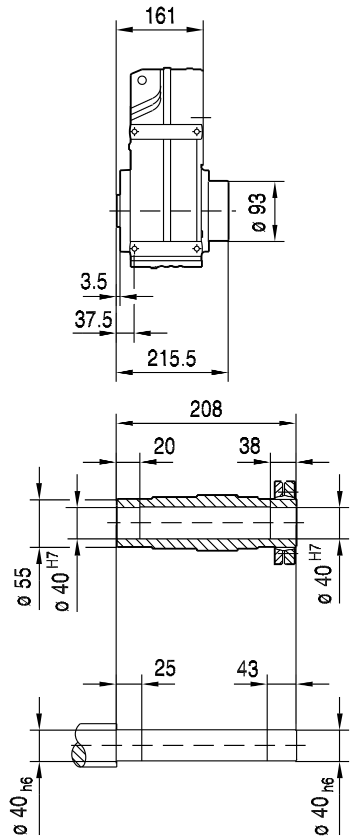


FH67B..
max. DR132S



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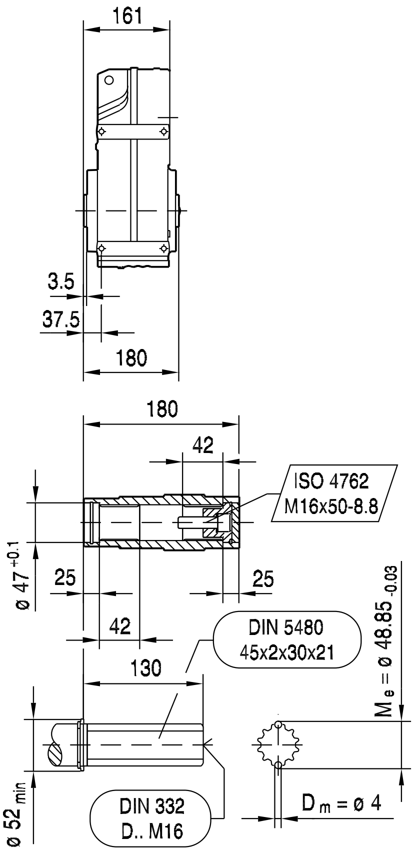
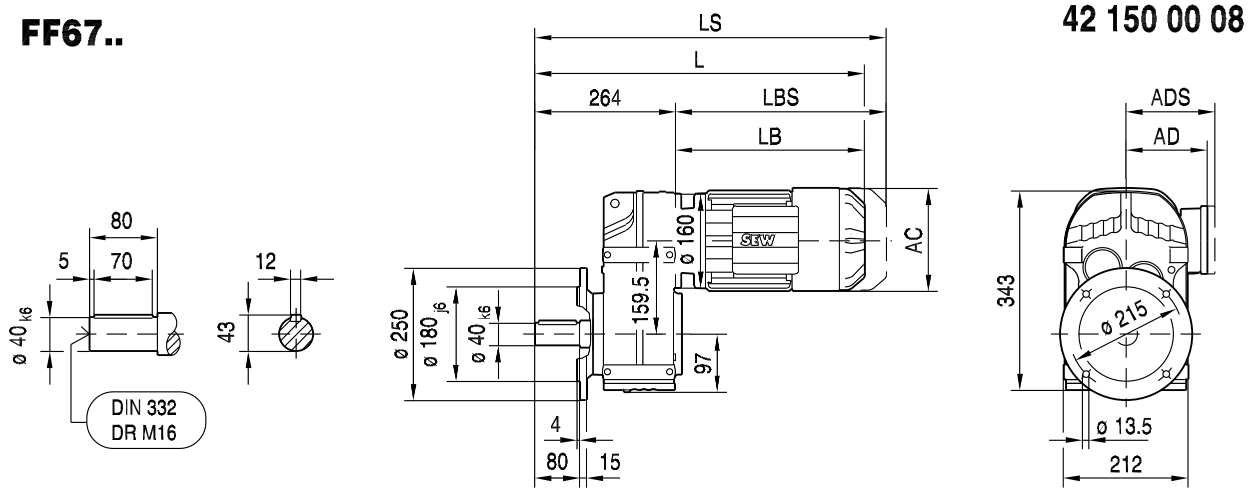


(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	DRL132MC
AC	139	139	156	156	179	197	221	221
AD	119	119	128	128	140	157	170	170
ADS	129	129	139	139	150	158	172	172
L	522	547	568	599	613	672	757	807
LS	587	612	648	679	699	759	865	915
LB	280	305	326	357	371	430	515	565
LBS	345	370	406	437	457	517	623	673

FF67..

42 150 00 08



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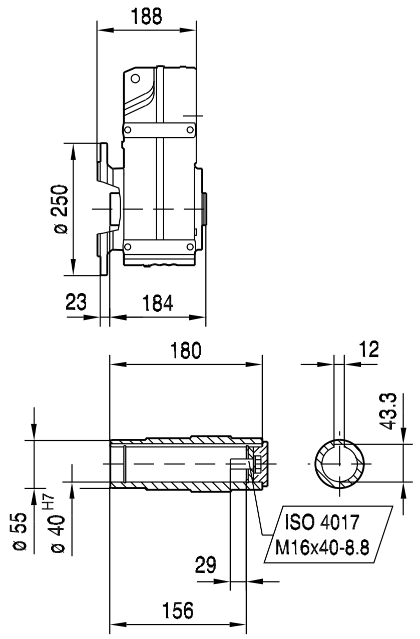
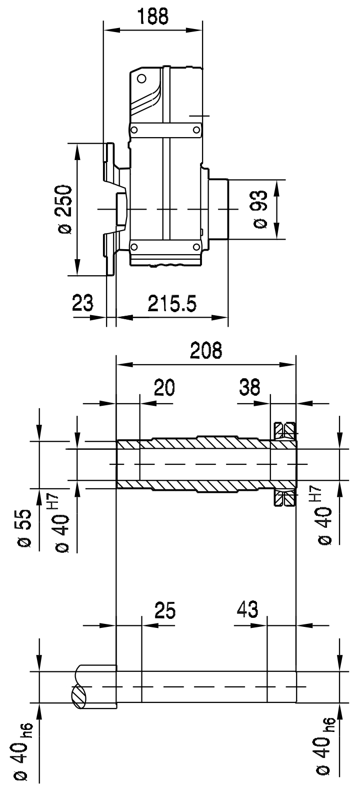


FHF67..
max. DR132S



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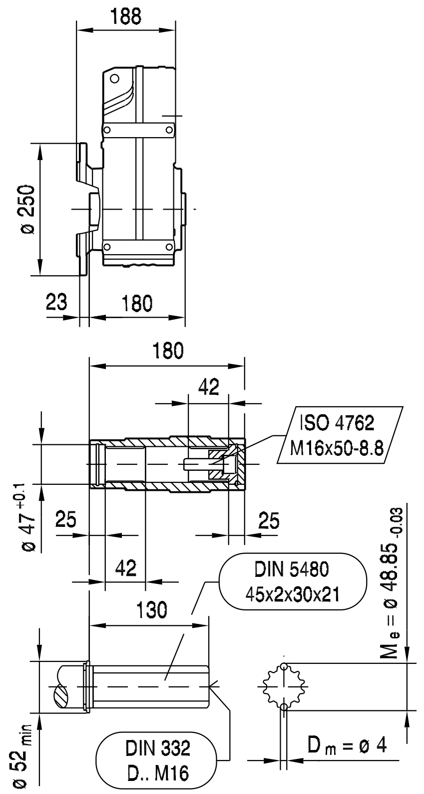
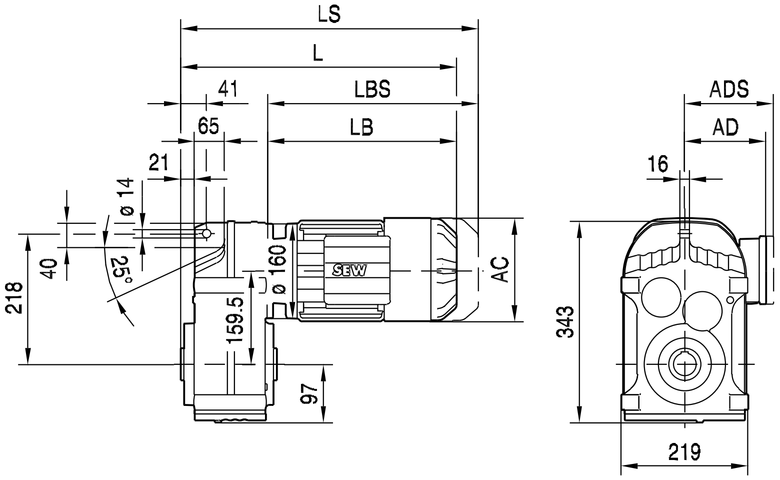


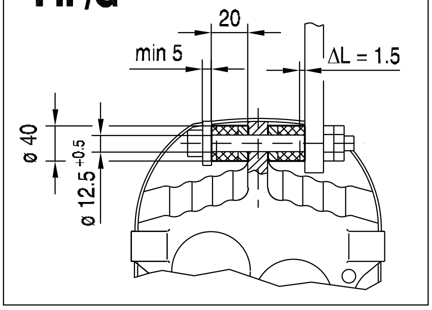
(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	DRL132MC
AC	139	139	156	156	179	197	221	221
AD	119	119	128	128	140	157	170	170
ADS	129	129	139	139	150	158	172	172
L	544	569	590	621	635	694	779	829
LS	609	634	670	701	721	781	887	937
LB	280	305	326	357	371	430	515	565
LBS	345	370	406	437	457	517	623	673

42 151 00 08

FA67..



F.. /G



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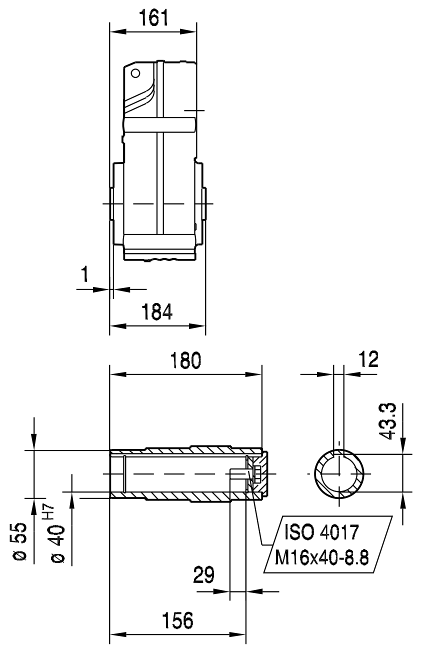
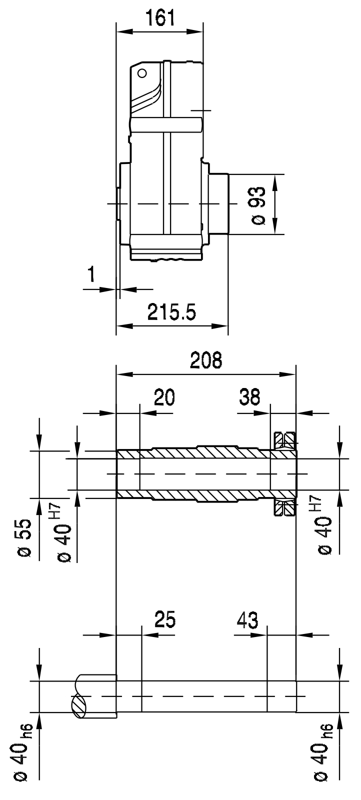


FH67..
max. DR132S



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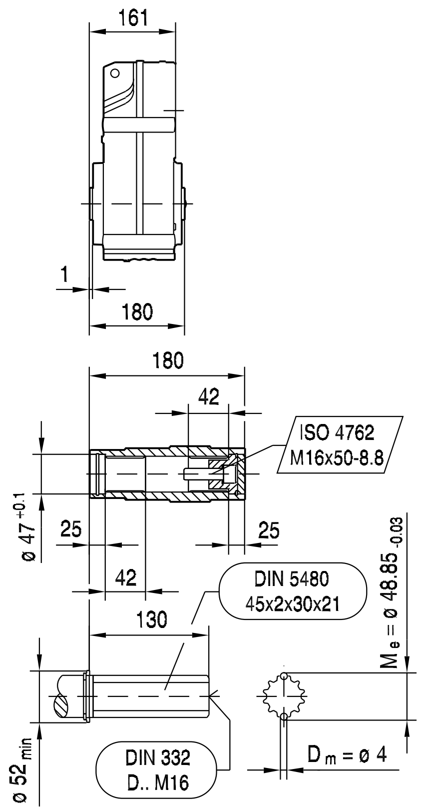
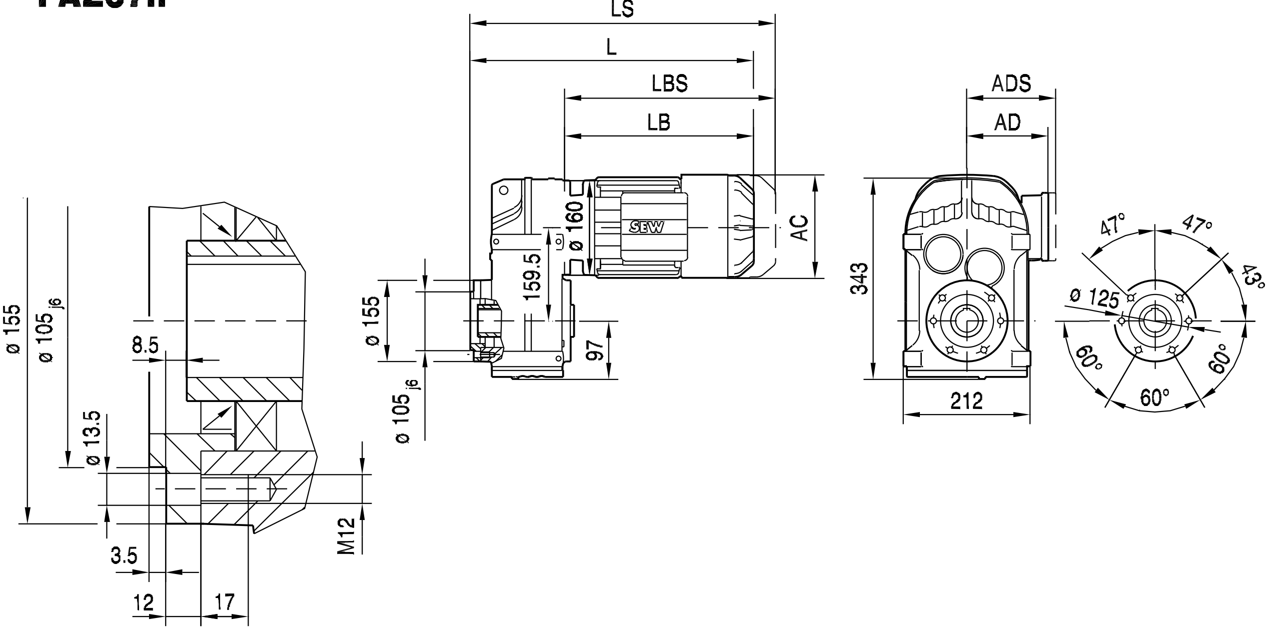


(→ 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	DRL132MC
AC	139	139	156	156	179	197	221	221
AD	119	119	128	128	140	157	170	170
ADS	129	129	139	139	150	158	172	172
L	441	466	487	518	532	591	676	726
LS	506	531	567	598	618	678	784	834
LB	280	305	326	357	371	430	515	565
LBS	345	370	406	437	457	517	623	673

42 152 00 08

FAZ67..



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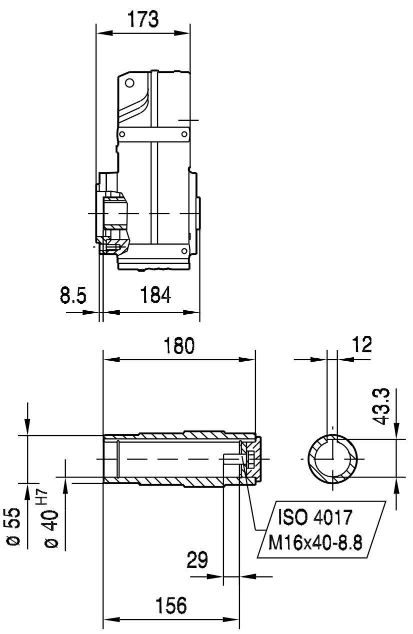

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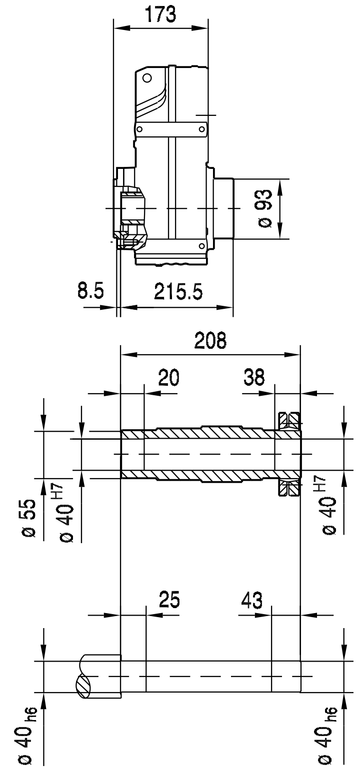
max. DR132S



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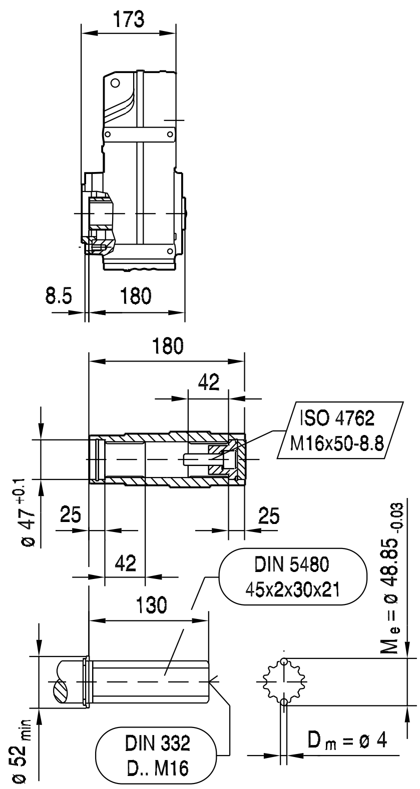
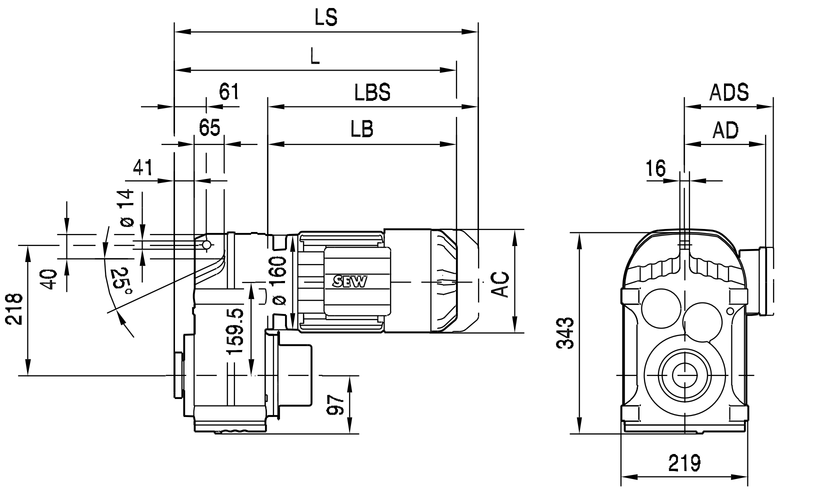
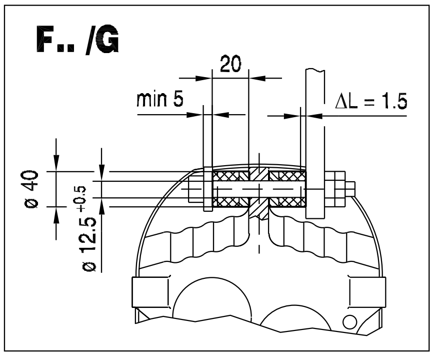


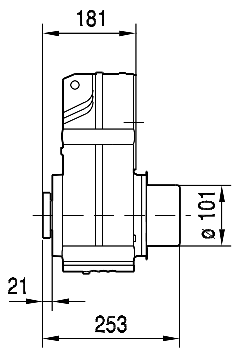
(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	DRL132MC
AC	139	139	156	156	179	197	221	221
AD	119	119	128	128	140	157	170	170
ADS	129	129	139	139	150	158	172	172
L	453	478	499	530	544	603	688	738
LS	518	543	579	610	630	690	796	846
LB	280	305	326	357	371	430	515	565
LBS	345	370	406	437	457	517	623	673

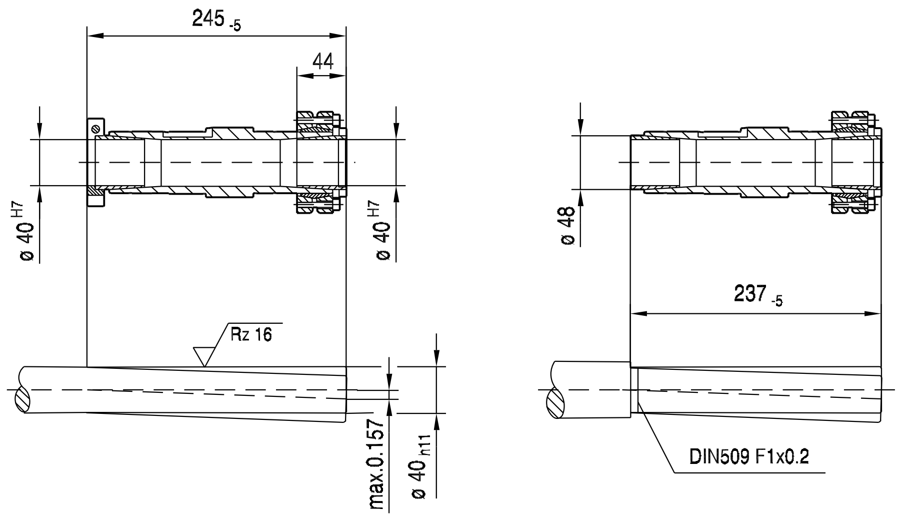
FT67..

42 153 00 08









(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	DRL132MC
AC	139	139	156	156	179	197	221	221
AD	119	119	128	128	140	157	170	170
ADS	129	129	139	139	150	158	172	172
L	462	487	507	538	553	612	697	747
LS	526	551	587	618	638	698	804	854
LB	280	305	326	357	371	430	515	565
LBS	345	370	406	437	457	517	623	673

9.2.6 F 77

M_{aDyn} Nm	i	DRL 71S D1	71S D2	71M D1	71M D2	80S D1	80S D2	80M D1	80M D2	90L D1	90L D2
FA77 2	4.28								137	104	191
	5.16								165	125	230
	5.76		47		78	56	140	73	184	140	255
	6.64		55		90	64	161	84	210	161	295
	7.39		61		100	72	179	93	235	179	325
	8.26	40	68	56	112	80	200	104	260	200	365
	9.30	45	77	63	126	90	225	117	295	225	410
	10.93								345	265	485
	12.20		101		166	118	295	154	390	295	540
	14.06		116		191	136	340	177	450	340	625
	15.64		129		210	152	375	197	500	375	695
	17.49	85	144	119	235	170	420	220	555	420	780
	19.70	96	162	134	265	191	475	245	630	475	870
	21.43	104	177	146	290	205	515	270	685	515	950
	25.50	124	210	173	345	245	615	320	810	615	1130
	28.75	139	235	195	390	275	695	360	920	695	1280
	31.51	153	255	210	425	305	760	395	1000	760	1400
	36.58	177	300	245	495	350	880	460	1170	880	
FA77 3	25.54		205		340	245	610	315	800	610	1120
	29.91		240		400	285	715	370	940	715	1320
	33.74		275		450	320	800	420	1060	800	1480
	38.23	184	310	255	510	365	910	475	1210	910	>1530
	43.58	205	355	290	585	415	1040	540	1380	1040	>1530
	48.37	230	390	325	650	460	1160	600	>1530	1160	>1530
	55.27	265	450	370	740	530	1320	685	>1530	1320	>1530
	58.32	275	475	390	780	555	1390	725	>1530	1390	>1530
	66.46	315	535	440	880	630	>1530	820	>1530	>1530	>1530
	72.50	340	585	480	960	685	>1530	890	>1530	>1530	>1530
	75.02	355	605	495	990	710	>1530	920	>1530	>1530	>1530
	85.52	405	690	565	1130	810	>1530	1050	>1530	>1530	>1530
	94.93	450	765	630	1260	900	>1530	1170	>1530	>1530	>1530
	108.46	515	870	720	1440	1030	>1530	1330	>1530	>1530	>1530
	114.45	540	920	760	1520	1080	>1530	1410	>1530	>1530	>1530
	130.42	615	1050	860	>1530	1230	>1530	>1530	>1530	>1530	>1530
	142.27	665	1130	930	>1530	1330	>1530	>1530	>1530	>1530	>1530
	166.47	780	1330	1090	>1530	>1530	>1530	>1530	>1530	>1530	
	188.40	880	1500	1230	>1530	>1530	>1530	>1530			
	198.31	930	>1530	1300	>1530	>1530	>1530	>1530			
	225.79	1040	>1530	1460		>1530		>1530			
	262.93	1220		>1530							
	281.71	1290		>1530							

→ 124

m kg	s	DRL 71S	71M	80S	80M	90L
FA77	2	58	59	62	64	71
FA77	3	59	61	63	66	72
FAF: + 6.6 kg / F: + 3.8 kg / FF: + 14.4 kg						

M_{aDyn} Nm		DRL									
	i	100L		132S		132MC		160M		160MC	
		D1	D2	D1	D2	D1	D2	D1	D2	D1	D2
FA77 2	4.28	145	350	330	620	535	830	685	1160	765	>1310
	5.16	175	425	400	750	650	1000	820	>1320	920	>1320
	5.76	196	470	445	830	725	1110	920	>1320	1030	>1320
	6.64	225	545	515	960	830	1280	1060	>1320	1190	>1320
	7.39	250	605	570	1070	930	>1330	1180	>1330	1320	>1330
	8.26	280	680	640	1200	1040		1320		>1330	
	9.30	315	765	720	>1330	1170		>1330		>1330	
	10.93	370	900	840	>1530	1370	>1530	>1530	>1530	>1530	>1530
	12.20	410	1000	940	>1530	>1530	>1530	>1530	>1530	>1530	>1530
	14.06	475	1150	1090	>1530	>1530	>1530	>1530	>1530	>1530	>1530
	15.64	530	1280	1210	>1530	>1530	>1530	>1530	>1530	>1530	>1530
	17.49	590	1440	1350	>1530	>1530		>1530		>1530	
	19.70	665	>1530	1520	>1530	>1530		>1530		>1530	
	21.43	725	>1530	>1530							
	25.50	860	>1530	>1530							
	28.75	970									
	31.51	1060									
	36.58	1240									
FA77 3	25.54	850	>1530	>1530	>1530	>1530	>1530	>1530	>1530	>1530	>1530
	29.91	1000	>1530	>1530	>1530	>1530	>1530	>1530	>1530	>1530	>1530
	33.74	1130	>1530	>1530	>1530	>1530	>1530	>1530	>1530	>1530	>1530
	38.23	1280	>1530	>1530	>1530	>1530		>1530		>1530	
	43.58	1460	>1530	>1530	>1530	>1530		>1530		>1530	
	48.37	>1530	>1530	>1530							
	55.27	>1530	>1530	>1530							
	58.32	>1530	>1530	>1530							
	66.46	>1530									
	72.50	>1530									
	75.02	>1530	>1530	>1530							
	85.52	>1530	>1530	>1530							
	94.93	>1530	>1530	>1530							
	108.46	>1530	>1530	>1530							
	114.45	>1530	>1530	>1530							
	130.42	>1530									
	142.27	>1530									
	166.47	>1530									
	188.40										
	198.31										
	225.79										
	262.93										
	281.71										

→ **124**

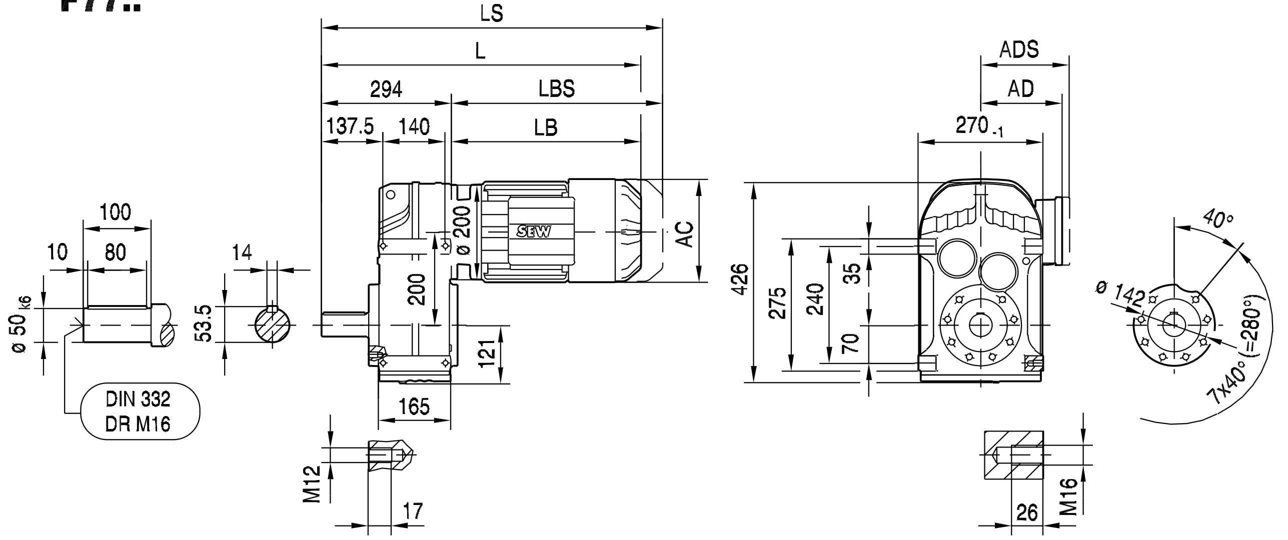
m kg		DRL				
	s	100L	132S	132MC	160M	160MC
FA77	2	79	94	110	130	135
FA77	3	80	95	110	135	140
FAF: + 6.6 kg / F: + 3.8 kg / FF: + 14.4 kg						

DRL..	i	n_{epk} 1/min	η %	c_{TG} FA Nm/'	c_{TG} FAF Nm/'	c_{TG} F Nm/'	c_{TG} FF Nm/'	φ /R '
FA77 2	4.28	4500	97	263	263	132	106	8
	5.16	4500	97	263	263	132	106	8
	5.76	4500	97	263	263	132	106	8
	6.64	4500	97	263	263	132	106	8
	7.39	4500	97	263	263	132	106	7
	8.26	4500	97	263	263	132	106	7
	9.30	4500	97	263	263	132	106	7
	10.93	4500	97	351	351	151	118	6
	12.20	4500	97	351	351	151	118	5
	14.06	4500	97	351	351	151	118	5
	15.64	4500	97	351	351	151	118	5
	17.49	4500	97	351	351	151	118	5
	19.70	4500	97	351	351	151	118	5
	21.43	4500	97	351	351	151	118	5
	25.50	4500	97	351	351	151	118	5
	28.75	4500	97	351	351	151	118	5
	31.51	4500	97	351	351	151	118	5
	36.58	4500	97	351	351	151	118	5
FA77 3	25.54	4500	96	388	388	157	122	6
	29.91	4500	96	388	388	157	122	6
	33.74	4500	96	388	388	157	122	6
	38.23	4500	96	388	388	157	122	6
	43.58	4500	96	388	388	157	122	6
	48.37	4500	96	388	388	157	122	6
	55.27	4500	96	388	388	157	122	6
	58.32	4500	96	388	388	157	122	6
	66.46	4500	95	388	388	157	122	6
	72.50	4500	95	388	388	157	122	6
	75.02	4500	95	394	394	158	123	6
	85.52	4500	95	394	394	158	123	6
	94.93	4500	95	394	394	158	123	5
	108.46	4500	95	394	394	158	123	5
	114.45	4500	95	394	394	158	123	5
	130.42	4500	95	394	394	158	123	5
	142.27	4500	94	394	394	158	123	5
	166.47	4500	94	394	394	158	123	5
	188.40	4500	94	394	394	158	123	5
	198.31	4500	94	394	394	158	123	5
	225.79	4500	93	394	394	158	123	5
	262.93	4500	93	394	394	158	123	5
	281.71	4500	92	394	394	158	123	5

DRL.. n_e = 1400	i	M_{amax} Nm	M_{apk} Nm	$M_{aNotaus}$ Nm	n_{ak} 1/min	J_G 10^{-4} kgm^2	F_{Ramax} FA N	F_{Ramax} FAF N	F_{Ramax} F N	F_{Ramax} FF N	F_{Rapk} FA N	F_{Rapk} FAF N	F_{Rapk} F N	F_{Rapk} FF N
FA77 2	4.28	1010	1310	1717	327	42	630	630	10200	10900	20000	20000	16900	17400
	5.16	1080	1320	1836	271	31	640	640	10700	11500	20000	20000	16800	17400
	5.76	1080	1320	1836	295	26	930	930	11300	12000	20000	20000	16800	17400
	6.64	1080	1320	1836	346	20	1310	1310	12000	12700	20000	20000	16800	17400
	7.39	1080	1330	1836	365	17	1610	1610	12500	13300	20000	20000	16800	17400
	8.26	1080	1330	1836	400	14	1940	1940	13100	13900	20000	20000	16800	17400
	9.30	1080	1330	1836	430	12	2300	2300	13800	14600	20000	20000	16800	17400
	10.93	1500	1530	2550	183	19	2080	2080	14200	15100	20000	20000	15500	17000
	12.20	1500	1530	2550	205	16	2450	2450	14900	15800	20000	20000	15500	17000
	14.06	1500	1530	2550	220	13	2940	2940	15700	16700	20000	20000	15500	17000
	15.64	1500	1530	2550	237	11	3330	3330	15700	17100	20000	20000	15500	17000
	17.49	1500	1530	2550	252	9.5	3750	3750	15700	17100	20000	20000	15500	17000
	19.70	1500	1530	2550	264	7.9	4220	4220	15700	17100	20000	20000	15500	17000
	21.43	1500	1530	2550	275	7.1	4560	4560	15700	17100	20000	20000	15500	17000
	25.50	1500	1530	2550	275	5.5	5300	5300	15700	17100	20000	20000	15500	17000
	28.75	1430	1530	2431	243	4.4	6190	6190	16200	17300	20000	20000	15500	17000
	31.51	1380	1530	2346	222	3.8	6870	6870	16500	17500	20000	20000	15500	17000
	36.58	1110	1530	1887	191	3.0	8990	8990	17900	18300	20000	20000	15500	17000
FA77 3	25.54	1450	1530	2465	59	10	5560	5560	16100	17300	20000	20000	15500	17000
	29.91	1500	1530	2550	50	7.8	6010	6010	15700	17100	20000	20000	15500	17000
	33.74	1500	1530	2550	50	6.4	6580	6580	15700	17100	20000	20000	15500	17000
	38.23	1500	1530	2550	50	5.2	7190	7190	15700	17100	20000	20000	15500	17000
	43.58	1500	1530	2550	50	4.3	7850	7850	15700	17100	20000	20000	15500	17000
	48.37	1500	1530	2550	52	3.8	8410	8410	15700	17100	20000	20000	15500	17000
	55.27	1500	1530	2550	52	3.0	9140	9140	15700	17100	20000	20000	15500	17000
	58.32	1500	1530	2550	51	2.8	9450	9450	15700	17100	20000	20000	15500	17000
	66.46	1500	1530	2550	53	2.2	10200	10200	15700	17100	20000	20000	15500	17000
	72.50	1500	1530	2550	52	1.9	10700	10700	15700	17100	20000	20000	15500	17000
	75.02	1500	1530	2550	53	4.0	11000	11000	15700	17100	20000	20000	15500	17000
	85.52	1500	1530	2550	53	3.3	11800	11800	15700	17100	20000	20000	15500	17000
	94.93	1500	1530	2550	54	3.0	12500	12500	15700	17100	20000	20000	15500	17000
	108.46	1500	1530	2550	53	2.5	13400	13400	15700	17100	20000	20000	15500	17000
	114.45	1500	1530	2550	54	2.3	13800	13800	15700	17100	20000	20000	15500	17000
	130.42	1500	1530	2550	54	1.9	14800	14800	15700	17100	20000	20000	15500	17000
	142.27	1500	1530	2550	49	1.6	15400	15400	15700	17100	20000	20000	15500	17000
	166.47	1500	1530	2550	42	1.3	16700	16700	15700	17100	20000	20000	15500	17000
	188.40	1500	1530	2550	37	0.91	17700	17700	15700	17100	20000	20000	15500	17000
	198.31	1500	1530	2550	35	0.82	18100	18100	15700	17100	20000	20000	15500	17000
	225.79	1500	1530	2550	31	0.67	19300	19300	15700	17100	20000	20000	15500	17000
	262.93	1500	1530	2550	27	0.54	20000	20000	15700	17100	20000	20000	15500	17000
	281.71	1500	1530	2550	25	0.47	20000	20000	15700	17100	20000	20000	15500	17000

F77..

42 154 00 08



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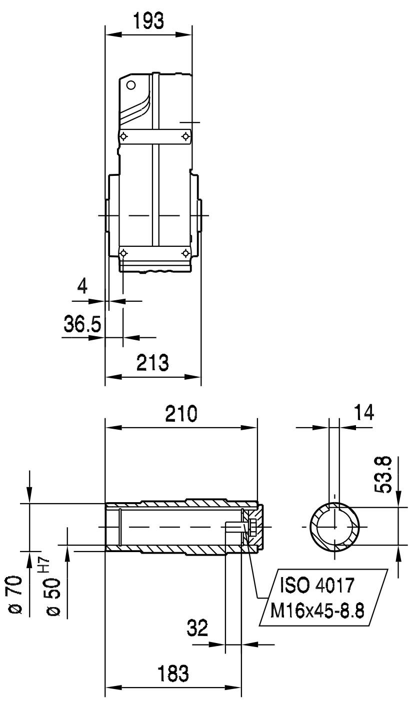

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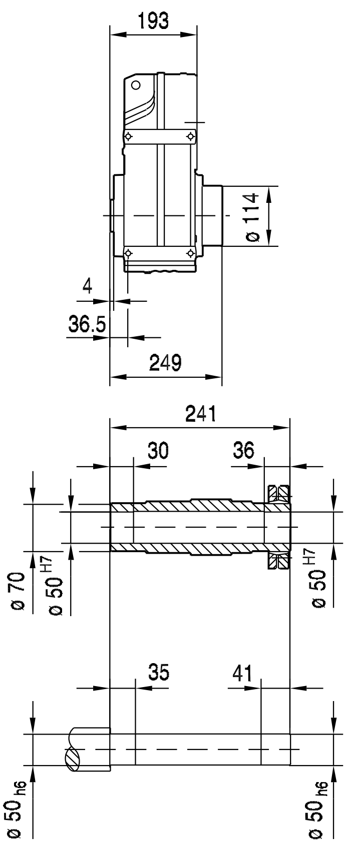

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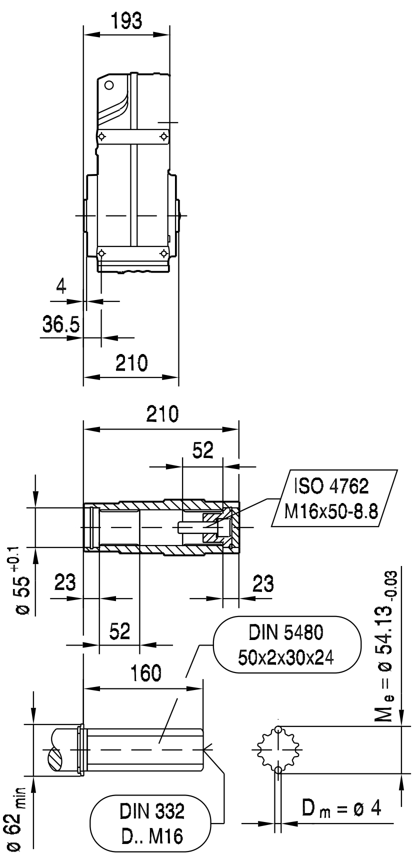
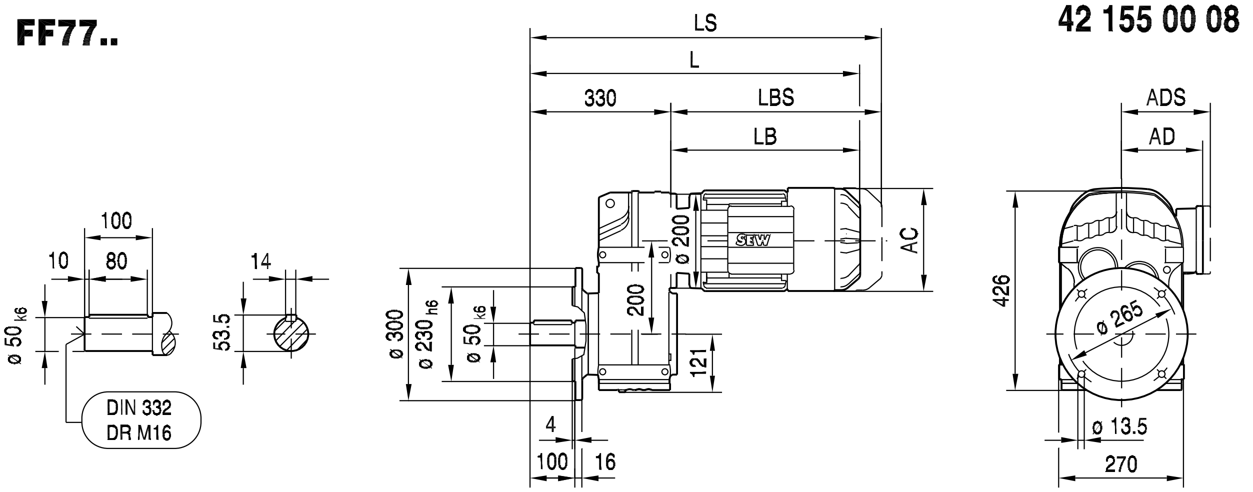


(→ 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	DRL132MC	DRL160..
AC	139	139	156	156	179	197	221	221	270
AD	119	119	128	128	140	157	170	170	228
ADS	129	129	139	139	150	158	172	172	228
L	567	592	613	644	658	717	798	848	852
LS	632	657	693	724	744	804	906	956	989
LB	273	298	319	350	364	423	504	554	558
LBS	338	363	399	430	450	510	612	662	695

42 155 00 08

FF77..



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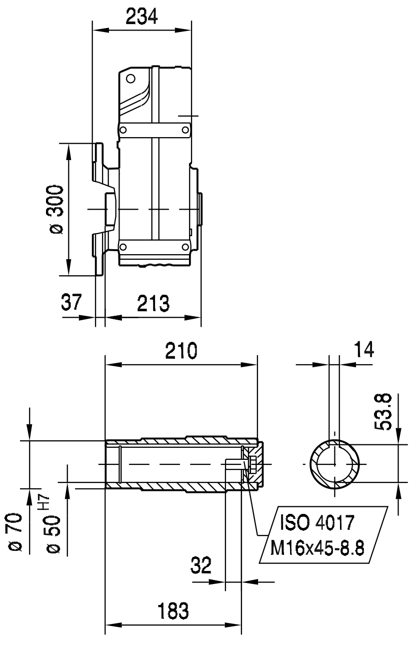

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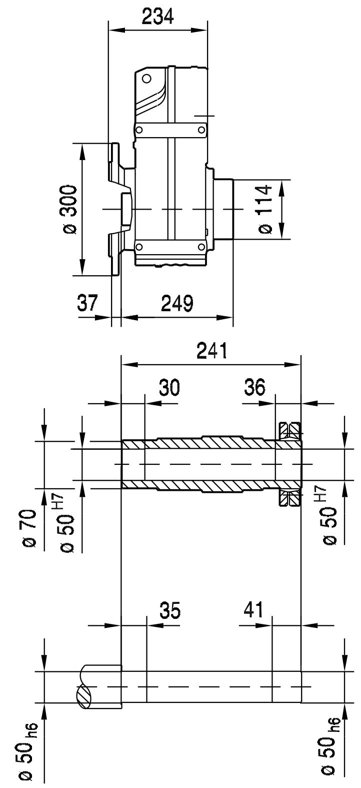

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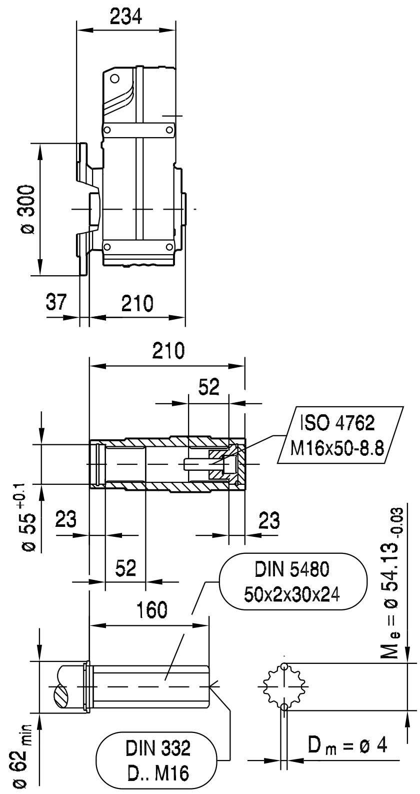
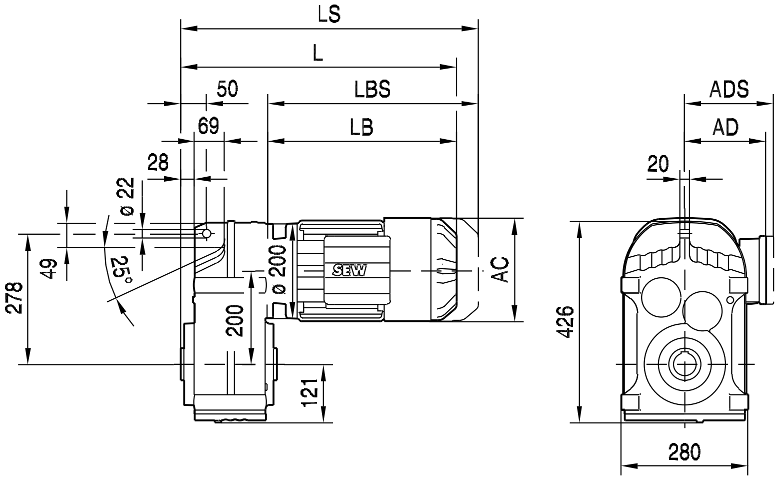
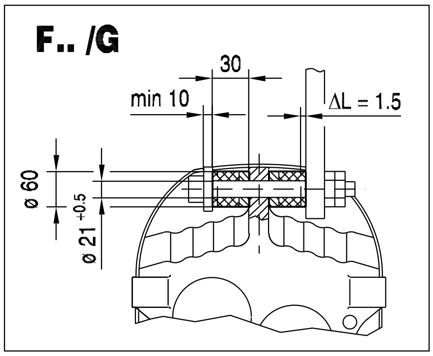


(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	DRL132MC	DRL160..
AC	139	139	156	156	179	197	221	221	270
AD	119	119	128	128	140	157	170	170	228
ADS	129	129	139	139	150	158	172	172	228
L	603	628	649	680	694	753	834	884	888
LS	668	693	729	760	780	840	942	992	1025
LB	273	298	319	350	364	423	504	554	558
LBS	338	363	399	430	450	510	612	662	695

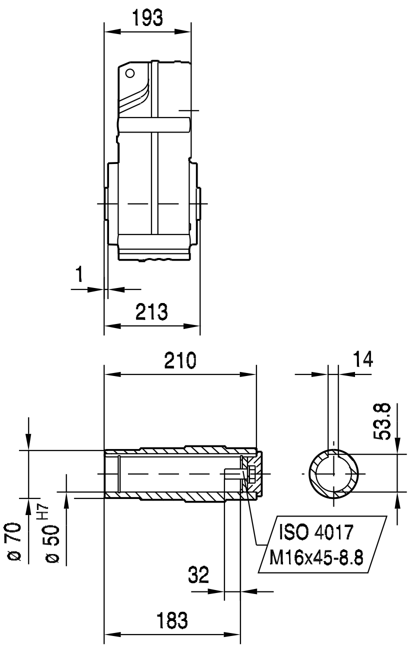
FA77..

42 156 00 08

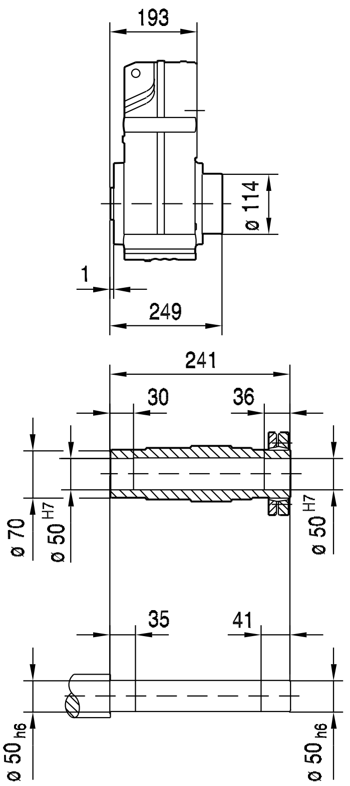




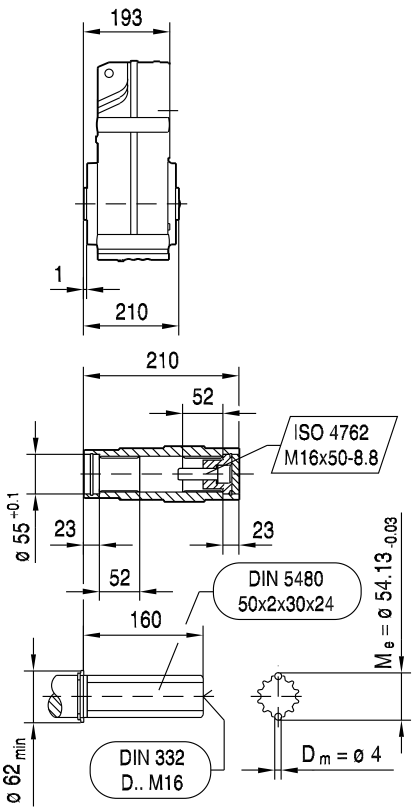
FA77..



FH77..



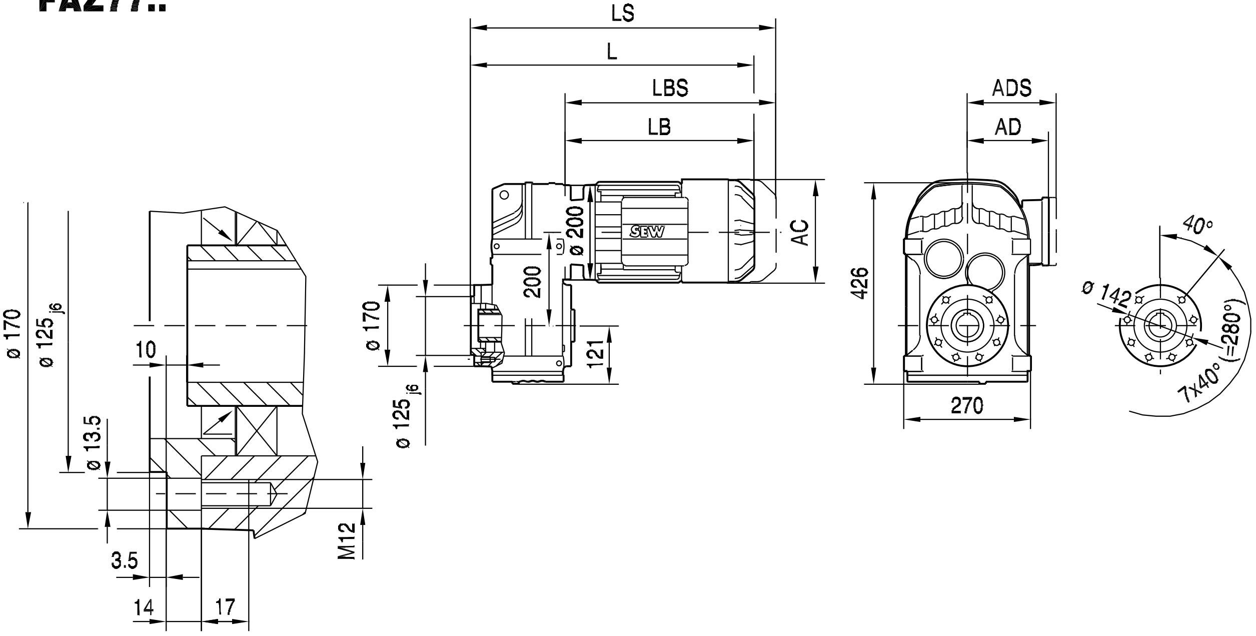
FV77..



(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	DRL132MC	DRL160..
AC	139	139	156	156	179	197	221	221	270
AD	119	119	128	128	140	157	170	170	228
ADS	129	129	139	139	150	158	172	172	228
L	466	491	512	543	557	616	697	747	751
LS	531	556	592	623	643	703	805	855	888
LB	273	298	319	350	364	423	504	554	558
LBS	338	363	399	430	450	510	612	662	695

42 157 00 08

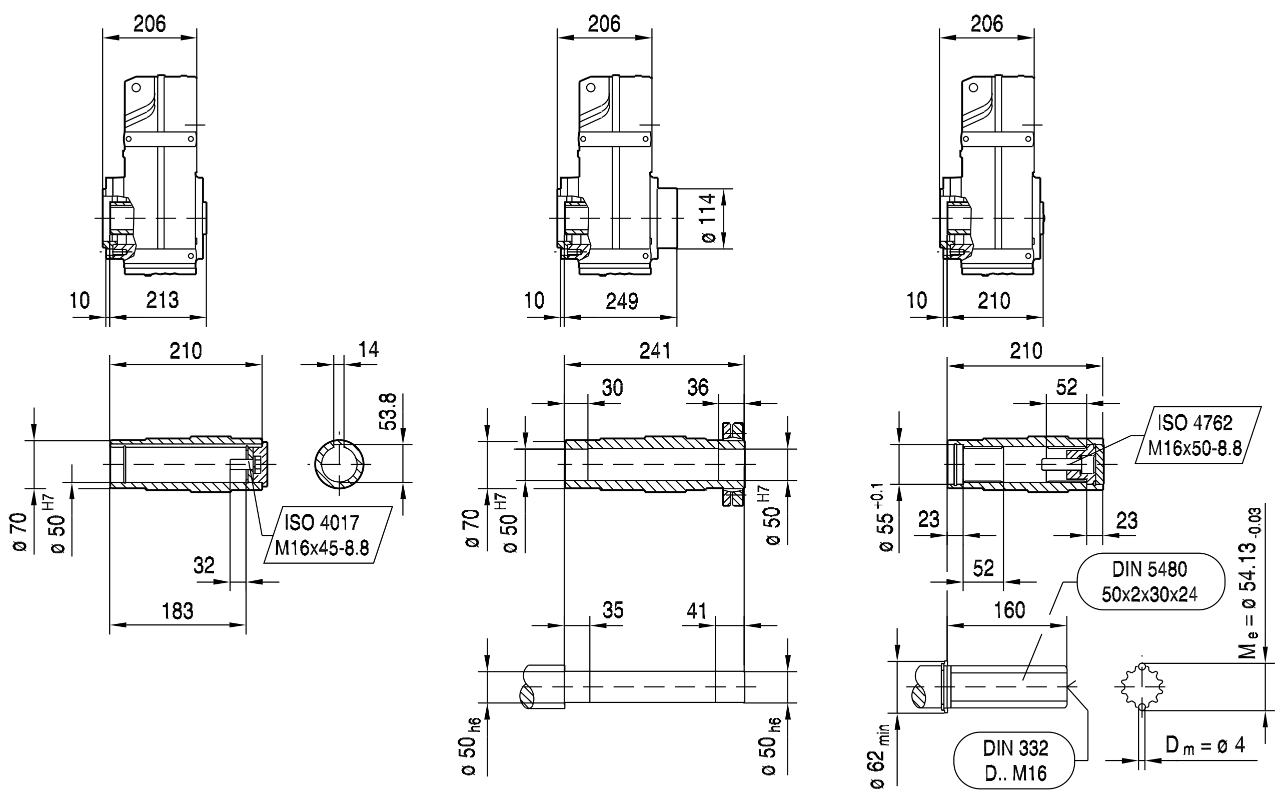
FAZ77..



FAZ77..

FHZ77..

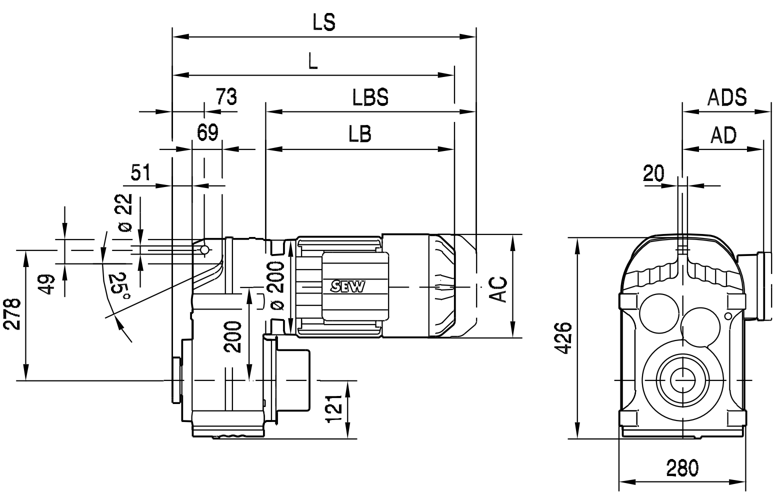
FVZ77..

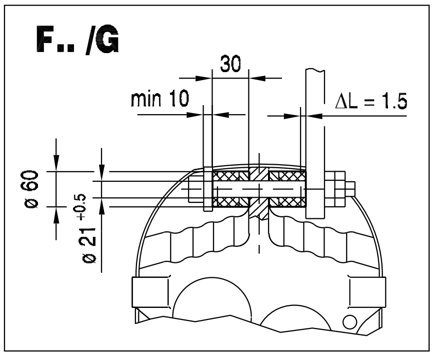


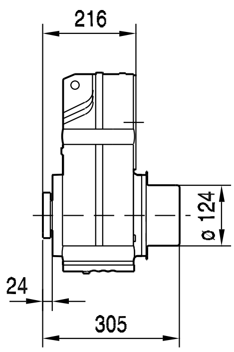
(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	DRL132MC	DRL160..
AC	139	139	156	156	179	197	221	221	270
AD	119	119	128	128	140	157	170	170	228
ADS	129	129	139	139	150	158	172	172	228
L	479	504	525	556	570	629	710	760	764
LS	544	569	605	636	656	716	818	868	901
LB	273	298	319	350	364	423	504	554	558
LBS	338	363	399	430	450	510	612	662	695

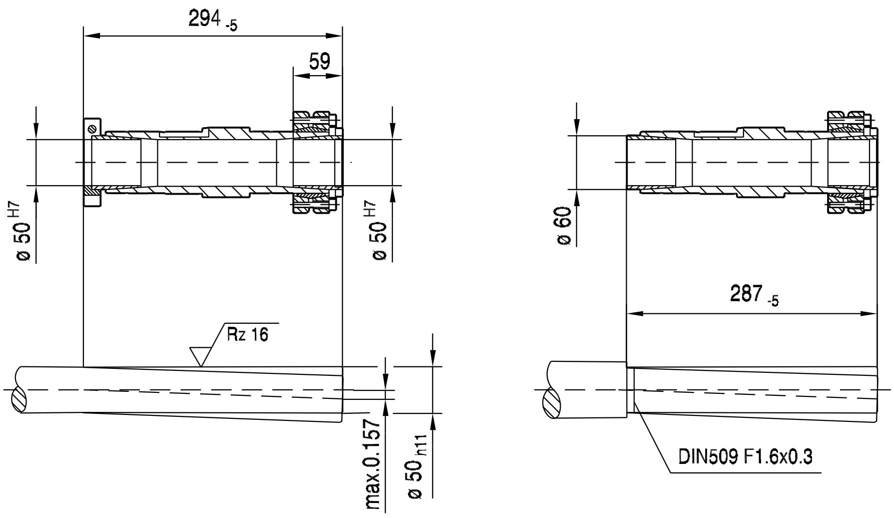
FT77..

42 158 00 08









(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	DRL132MC	DRL160..
AC	139	139	156	156	179	197	221	221	270
AD	119	119	128	128	140	157	170	170	228
ADS	129	129	139	139	150	158	172	172	228
L	489	514	535	566	580	639	720	770	774
LS	554	579	615	646	666	726	828	878	911
LB	273	298	319	350	364	423	504	554	558
LBS	338	363	399	430	450	510	612	662	695

Diese Seite bleibt aus drucktechnischen Gründen frei.

9.2.7 F 87

M_{aDyn} Nm		DRL													
	i	71M		80S		80M		90L		100L		132S		132MC	
		D1	D2	D1	D2	D1	D2	D1	D2	D1	D2	D1	D2	D1	D2
FA87 2	4.12										335	315	595	515	795
	4.92										405	380	715	620	950
	5.63						180	137	250	191	460	435	810	705	1090
	6.65						210	161	295	225	545	515	960	830	1290
	7.35		100	71	178	93	235	178	325	245	605	570	1060	920	1420
	8.29		113	80	200	105	265	200	365	280	680	640	1200	1040	1600
	9.58										785	740	1390	1200	1850
	11.46										940	880	1660	1440	2220
	13.12						415	315	585	445	1080	1010	1900	1650	2540
	15.48						495	375	690	525	1270	1200	2250	1950	3000
	17.12		230	166	415	215	545	415	760	580	1410	1320	2490	2150	>3090
	19.31		260	187	465	240	615	465	860	655	1590	1490	2800	2430	>3090
	21.32		285	205	515	265	680	515	950	720	1750	1650	>3090	2680	>3090
	23.68	161	320	225	570	295	755	570	1050	800	1950	1830	>3090	2980	
	26.50	180	355	255	640	330	840	640	1180	890	2180	2050	>3090	>3090	
	28.78	195	390	275	695	360	920	695	1280	970	2370	2230			
	33.92	230	460	325	820	425	1080	820	1510	1150	2790	2630			
FA87 3	29.20						920	700	1280	980	2380	2240	>3090	>3090	>3090
	35.19						1110	840	1550	1180	2870	2700	>3090	>3090	>3090
	39.30		525	375	940	490	1240	940	1730	1320	>3090	3010	>3090	>3090	>3090
	45.28		605	430	1080	565	1430	1080	1990	1520	>3090	>3090	>3090	>3090	>3090
	50.36		675	480	1200	625	1590	1200	2220	1690	>3090	>3090	>3090	>3090	>3090
	56.75						1770	1340	2470	1880	>3090	>3090	>3090	>3090	
	68.40						2140	1620	2980	2270	>3090	>3090	>3090	>3090	
	76.39		1010	725	1810	940	2390	1810	>3090	2530	>3090	>3090	>3090	>3090	
	88.01		1170	830	2090	1080	2750	2090	>3090	2920	>3090	>3090	>3090	>3090	
	97.89		1300	920	2320	1200	3060	2320	>3090	>3090	>3090	>3090	>3090	>3090	
	109.49	725	1450	1040	2600	1350	>3090	2600	>3090	>3090	>3090	>3090	>3090	>3090	
	123.29	810	1630	1170	2920	1520	>3090	2920	>3090	>3090	>3090	>3090	>3090	>3090	
	134.16	890	1780	1270	>3090	1650	>3090	>3090	>3090	>3090	>3090	>3090			
	159.61	1060	2120	1510	>3090	1970	>3090	>3090	>3090	>3090	>3090	>3090			
	179.97	1180	2360	1690	>3090	2190	>3090	>3090	>3090	>3090					
	197.20	1290	2590	1850	>3090	2400	>3090	>3090	>3090	>3090					
	228.93	1500	3010	2150	>3090	2790	>3090	>3090		>3090					
	255.37	1680	>3090	2400	>3090	>3090									
	270.68	1760	>3090	2510	>3090	>3090									

→ 124

m kg		DRL						
	s	71M	80S	80M	90L	100L	132S	132MC
FA87	2	97	99	100	110	115	130	150
FA87	3	100	100	105	110	120	135	150
FAF: + 12.7 kg / F: + 5.7 kg / FF: + 21.3 kg								

M_{aDyn} Nm	i	DRL 160M D1	160M D2	160MC D1	160MC D2	180S D1	180S D2	180M D1	180M D2	180L D1	180L D2	180LC D1
FA87 2	4.12	655	1110	735	1270	830	1510	990	1710	1270	>1940	1670
	4.92	785	1330	880	1520	1000	1810	1190	>1960	1520	>1960	>1960
	5.63	900	1520	1010	1740	1140	>1960	1360	>1960	1740	>1960	>1960
	6.65	1060	1800	1190	>1970	1350	>1970	1610	>1970	>1970	>1970	>1970
	7.35	1170	>1970	1310	>1970	1490	>1970	1780	>1970	>1970	>1970	>1970
	8.29	1320	>1980	1480	>1980	1680		>1980		>1980		
	9.58	1530	2600	1710	2970	1950	>3090	2320	>3090	2970	>3090	>3090
	11.46	1830	>3090	2050	>3090	2330	>3090	2770	>3090	>3090	>3090	>3090
	13.12	2090	>3090	2350	>3090	2670	>3090	>3090	>3090	>3090	>3090	>3090
	15.48	2470	>3090	2770	>3090	>3090	>3090	>3090	>3090	>3090	>3090	>3090
	17.12	2740	>3090	3070	>3090	>3090	>3090	>3090	>3090	>3090	>3090	>3090
	19.31	>3090	>3090	>3090	>3090	>3090		>3090		>3090		
	21.32	>3090	>3090	>3090	>3090	>3090		>3090		>3090		
	23.68	>3090		>3090								
	26.50	>3090		>3090								
	28.78											
	33.92											
FA87 3	29.20	>3090	>3090	>3090	>3090	>3090	>3090	>3090	>3090	>3090	>3090	>3090
	35.19	>3090	>3090	>3090	>3090	>3090	>3090	>3090	>3090	>3090	>3090	>3090
	39.30	>3090	>3090	>3090	>3090	>3090	>3090	>3090	>3090	>3090	>3090	>3090
	45.28	>3090	>3090	>3090	>3090	>3090		>3090		>3090		
	50.36	>3090	>3090	>3090	>3090	>3090		>3090		>3090		
	56.75	>3090		>3090								
	68.40	>3090		>3090								
	76.39	>3090		>3090								
	88.01	>3090		>3090								
	97.89	>3090		>3090								
	109.49	>3090		>3090								
	123.29	>3090		>3090								
	134.16											
	159.61											
	179.97											
	197.20											
	228.93											
	255.37											
	270.68											

→ **124**

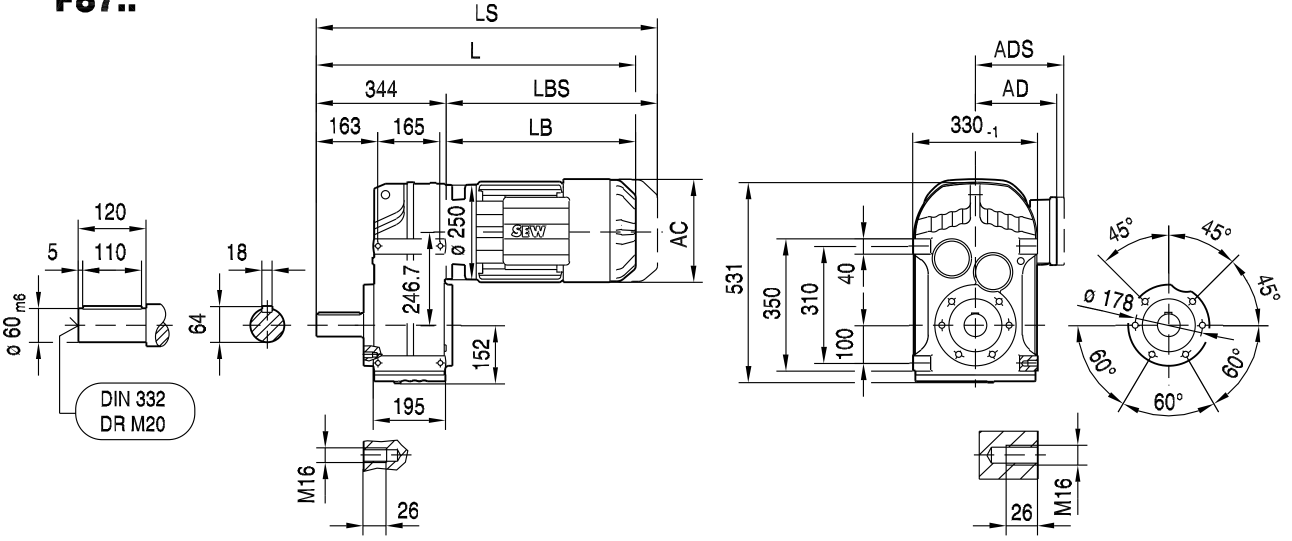
m kg	s	DRL 160M	160MC	180S	180M	180L	180LC
FA87	2	170	175	205	220	230	240
FA87	3	170	175	205	220	235	245
FAF: + 12.7 kg / F: + 5.7 kg / FF: + 21.3 kg							

DRL..	i	n_{epk} 1/min	η %	c_{TG} FA Nm/'	c_{TG} FAF Nm/'	c_{TG} F Nm/'	c_{TG} FF Nm/'	φ /R '
FA87 2	4.12	3924	97	465	465	197	186	7
	4.92	4378	97	465	465	197	186	7
	5.63	4500	97	465	465	197	186	7
	6.65	4500	97	465	465	197	186	7
	7.35	4500	97	465	465	197	186	7
	8.29	4500	97	465	465	197	186	7
	9.58	4500	97	711	711	230	216	7
	11.46	4500	97	711	711	230	216	7
	13.12	4500	97	711	711	230	216	7
	15.48	4500	97	711	711	230	216	7
	17.12	4500	97	711	711	230	216	7
	19.31	4500	97	711	711	230	216	7
	21.32	4500	97	711	711	230	216	7
	23.68	4500	97	711	711	230	216	7
	26.50	4500	97	711	711	230	216	7
	28.78	4500	97	711	711	230	216	7
	33.92	4500	97	711	711	230	216	7
FA87 3	29.20	4500	96	833	833	242	226	8
	35.19	4500	96	833	833	242	226	8
	39.30	4500	96	833	833	242	226	8
	45.28	4500	96	833	833	242	226	8
	50.36	4500	96	833	833	242	226	7
	56.75	4500	95	846	846	243	227	7
	68.40	4500	95	846	846	243	227	7
	76.39	4500	95	846	846	243	227	7
	88.01	4500	95	846	846	243	227	7
	97.89	4500	95	846	846	243	227	7
	109.49	4500	95	846	846	243	227	7
	123.29	4500	95	846	846	243	227	7
	134.16	4500	95	846	846	243	227	7
	159.61	4500	95	846	846	243	227	7
	179.97	4500	94	846	846	243	227	7
	197.20	4500	94	846	846	243	227	7
	228.93	4500	94	846	846	243	227	7
	255.37	4500	94	846	846	243	227	7
	270.68	4500	93	846	846	243	227	7

DRL.. n_e = 1400	i	M_{amax} Nm	M_{apk} Nm	$M_{aNotaus}$ Nm	n_{ak} 1/min	J_G 10^{-4} kgm^2	F_{Ramax} FA N	F_{Ramax} FAF N	F_{Ramax} F N	F_{Ramax} FF N	F_{Rapk} FA N	F_{Rapk} FAF N	F_{Rapk} F N	F_{Rapk} FF N
FA87 2	4.12	1460	1940	2482	340	114	3020	3020	5980	11800	30000	30000	26400	23400
	4.92	1530	1960	2601	346	85	3310	3310	6430	12600	30000	30000	26300	23400
	5.63	1530	1960	2601	391	67	3850	3850	7020	13400	30000	30000	26300	23400
	6.65	1530	1970	2601	466	52	4550	4550	7790	14400	30000	30000	26300	23400
	7.35	1530	1970	2601	490	44	5000	5000	8280	15000	30000	30000	26300	23400
	8.29	1530	1980	2601	531	36	5550	5550	8890	15800	30000	30000	26200	23300
	9.58	2880	3090	4896	146	63	275	275	5050	11000	30000	30000	16000	16000
	11.46	3000	3090	5100	122	49	575	575	5580	11800	30000	30000	16000	16000
	13.12	3000	3090	5100	114	40	1300	1300	6370	13100	30000	30000	16000	16000
	15.48	3000	3090	5100	110	32	2220	2220	7390	14700	30000	30000	16000	16000
	17.12	3000	3090	5100	105	28	2810	2810	8040	15800	30000	30000	16000	16000
	19.31	3000	3090	5100	104	23	3540	3540	8840	17000	30000	30000	16000	16000
	21.32	3000	3090	5100	98	20	4160	4160	9520	18000	30000	30000	16000	16000
	23.68	3000	3090	5100	97	17	4850	4850	10300	19100	30000	30000	16000	16000
	26.50	3000	3090	5100	98	15	5610	5610	11100	19800	30000	30000	16000	16000
	28.78	2450	3090	4165	191	13	8940	8940	13900	22500	30000	30000	16000	16000
	33.92	2610	3090	4437	150	10	9340	9340	14600	22200	30000	30000	16000	16000
FA87 3	29.20	2510	3090	4267	48	25	8740	8740	13800	22400	30000	30000	16000	16000
	35.19	2610	3090	4437	40	19	9610	9610	14900	22200	30000	30000	16000	16000
	39.30	2720	3090	4624	36	16	9910	9910	15400	22000	30000	30000	16000	16000
	45.28	2820	3090	4794	31	13	10500	10500	16200	21700	30000	30000	16000	16000
	50.36	2940	3090	4998	28	11	10800	10800	16800	21500	30000	30000	16000	16000
	56.75	3000	3090	5100	32	20	11600	11600	17700	19800	30000	30000	16000	16000
	68.40	3000	3090	5100	32	16	13300	13300	19600	19800	30000	30000	16000	16000
	76.39	3000	3090	5100	31	14	14300	14300	19800	19800	30000	30000	16000	16000
	88.01	3000	3090	5100	32	11	15800	15800	19800	19800	30000	30000	16000	16000
	97.89	3000	3090	5100	32	9.9	16900	16900	19800	19800	30000	30000	16000	16000
	109.49	3000	3090	5100	32	8.3	18100	18100	19800	19800	30000	30000	16000	16000
	123.29	3000	3090	5100	32	7.0	19400	19400	19800	19800	30000	30000	16000	16000
	134.16	3000	3090	5100	32	6.3	20400	20400	19800	19800	30000	30000	16000	16000
	159.61	3000	3090	5100	32	4.9	22500	22500	19800	19800	30000	30000	16000	16000
	179.97	3000	3090	5100	32	4.0	24100	24100	19800	19800	30000	30000	16000	16000
	197.20	3000	3090	5100	32	3.5	25300	25300	19800	19800	30000	30000	16000	16000
	228.93	3000	3090	5100	31	2.8	27300	27300	19800	19800	30000	30000	16000	16000
	255.37	3000	3090	5100	27	1.8	28900	28900	19800	19800	30000	30000	16000	16000
	270.68	3000	3090	5100	26	1.6	29800	29800	19800	19800	30000	30000	16000	16000

F87..

42 159 00 08



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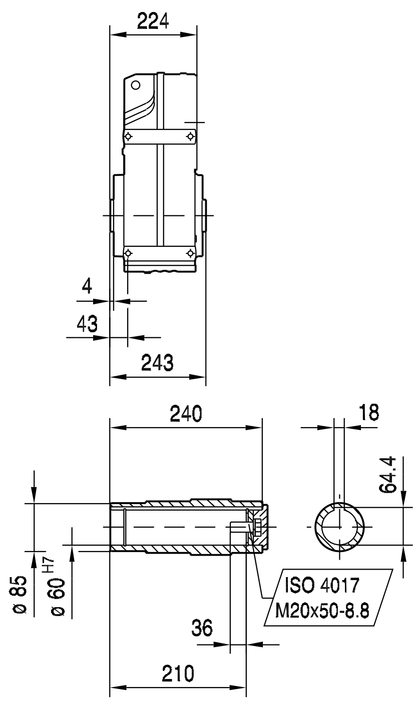

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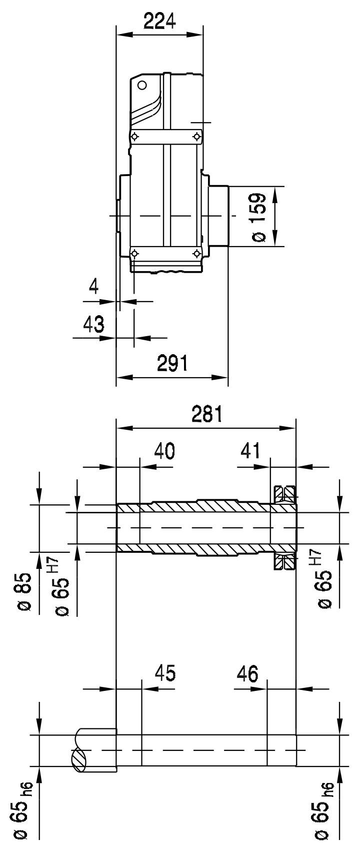

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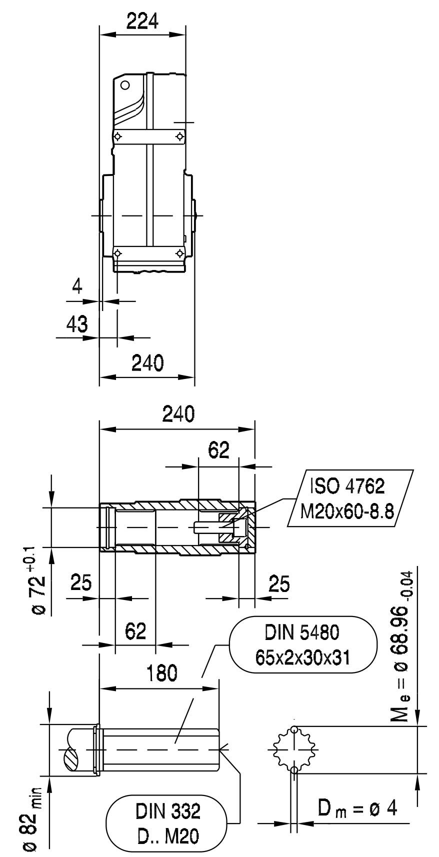
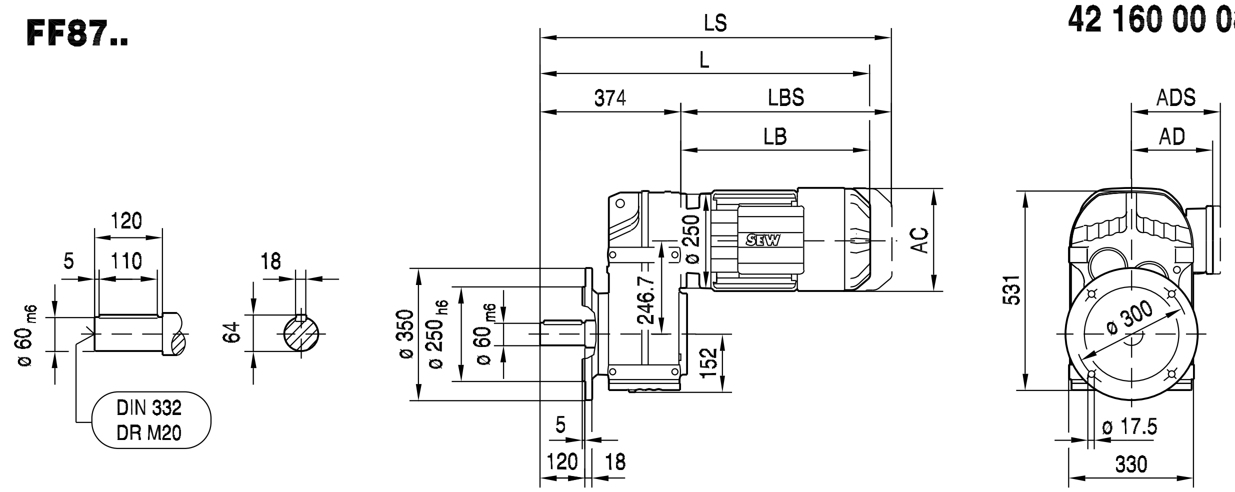


(→ 129)	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC
AC	139	156	156	179	197	221	221	270	316	316
AD	119	128	128	140	157	170	170	228	253	253
ADS	129	139	139	150	158	172	172	228	253	253
L	637	658	689	703	762	843	893	897	966	1026
LS	702	738	769	789	849	951	1001	1034	1155	1215
LB	293	314	345	359	418	499	549	553	622	682
LBS	358	394	425	445	505	607	657	690	811	871

42 160 00 08

FF87..



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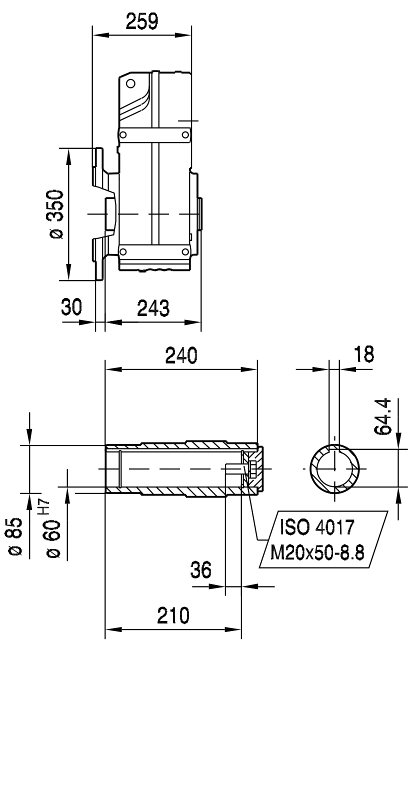
FAF87..



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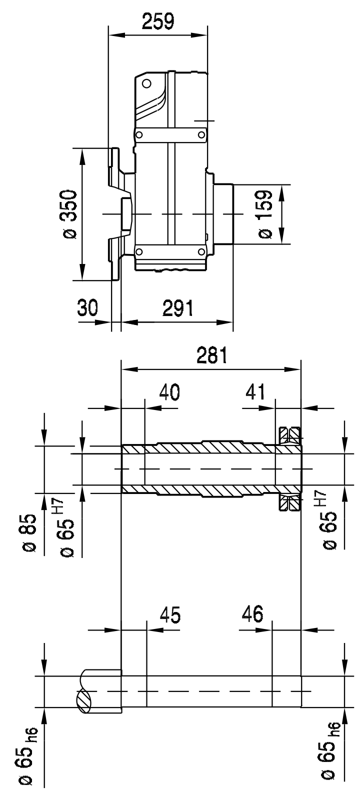

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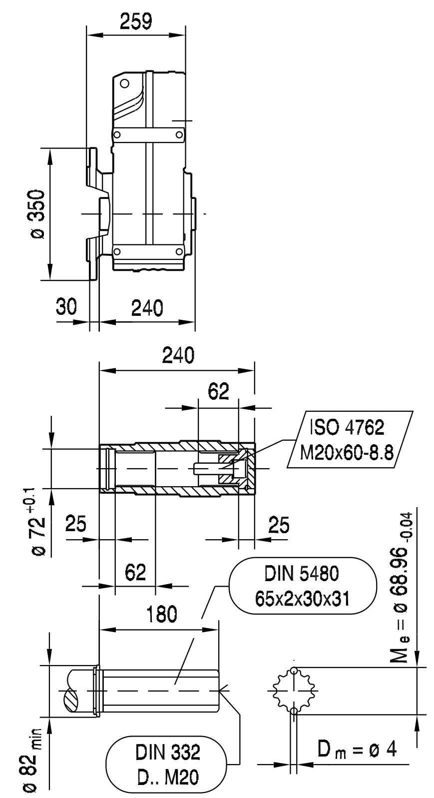
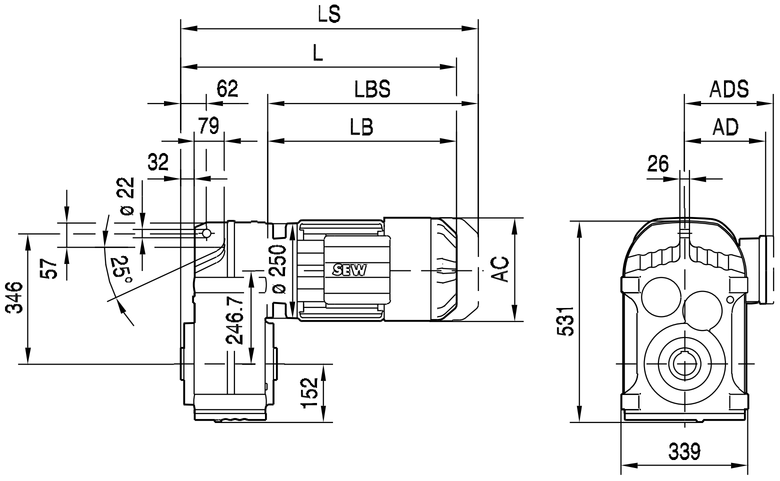
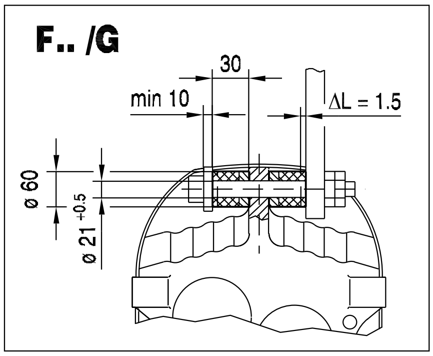


(→ 📖 129)	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC
AC	139	156	156	179	197	221	221	270	316	316
AD	119	128	128	140	157	170	170	228	253	253
ADS	129	139	139	150	158	172	172	228	253	253
L	667	688	719	733	792	873	923	927	996	1056
LS	732	768	799	819	879	981	1031	1064	1185	1245
LB	293	314	345	359	418	499	549	553	622	682
LBS	358	394	425	445	505	607	657	690	811	871

FA87..

42 161 00 08

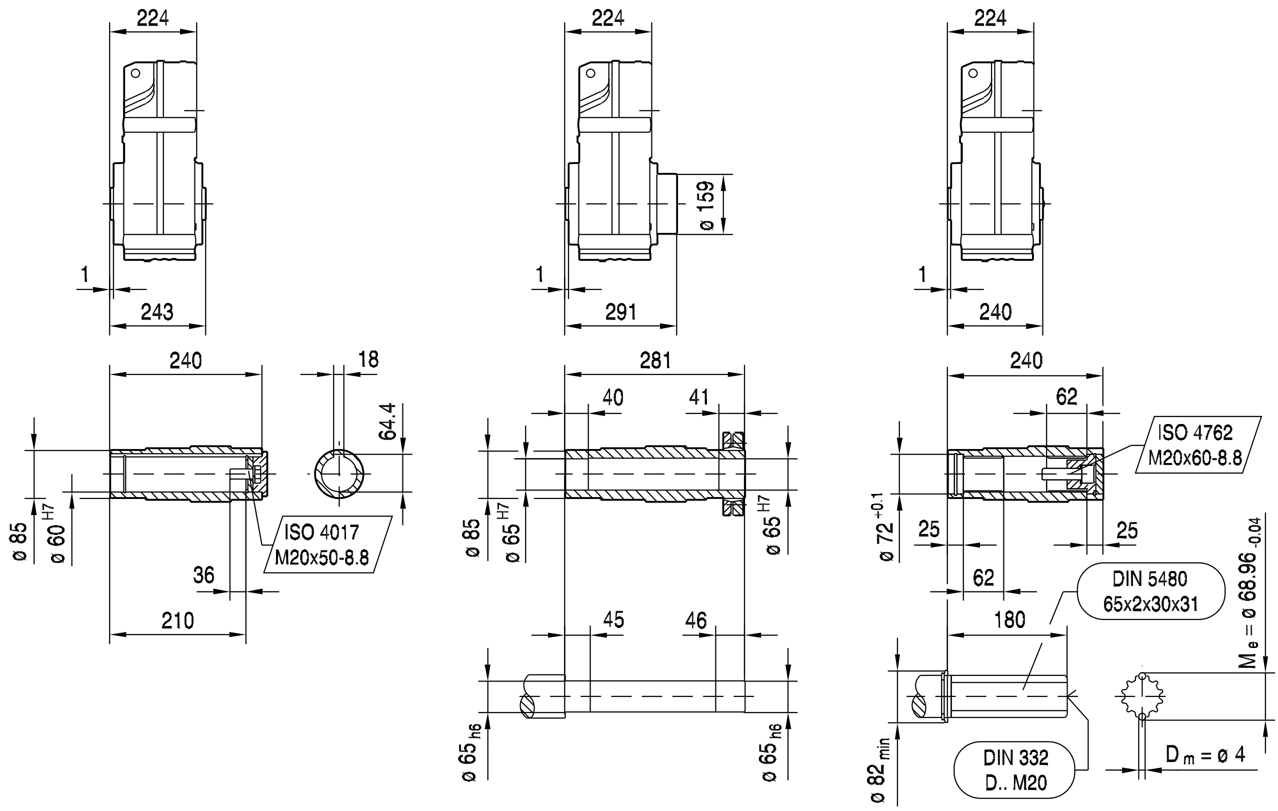




FA87..

FH87..

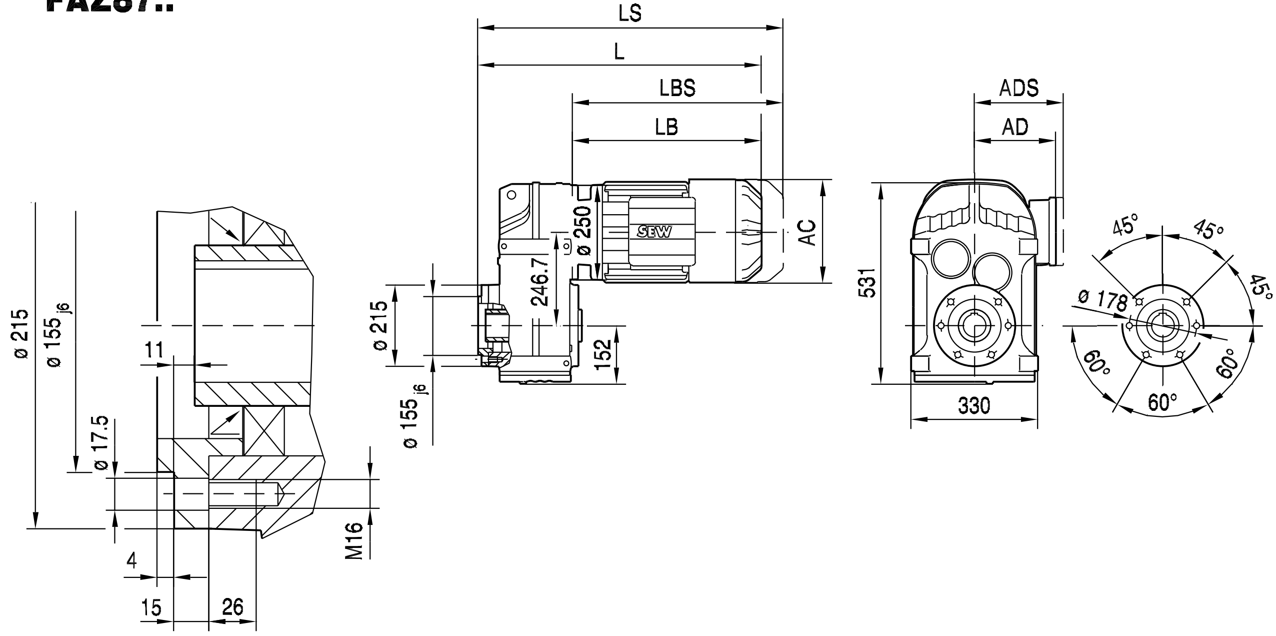
FV87..



(→ 📖 129)	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC
AC	139	156	156	179	197	221	221	270	316	316
AD	119	128	128	140	157	170	170	228	253	253
ADS	129	139	139	150	158	172	172	228	253	253
L	517	538	569	583	642	723	773	777	846	906
LS	582	618	649	669	729	831	881	914	1035	1095
LB	293	314	345	359	418	499	549	553	622	682
LBS	358	394	425	445	505	607	657	690	811	871

FAZ87..

42 162 00 08



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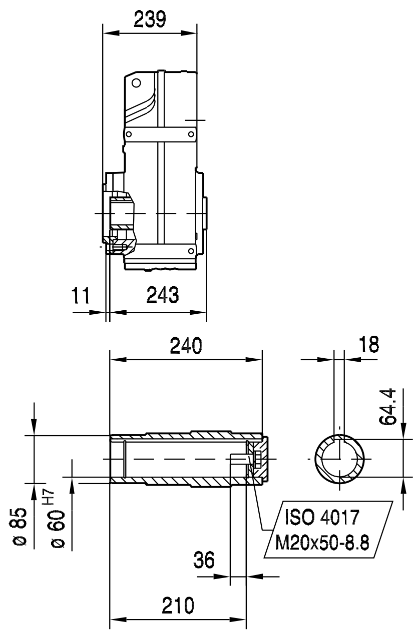
FAZ87..



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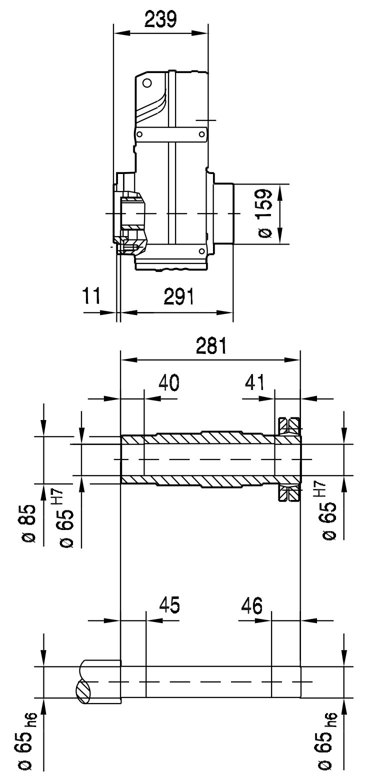

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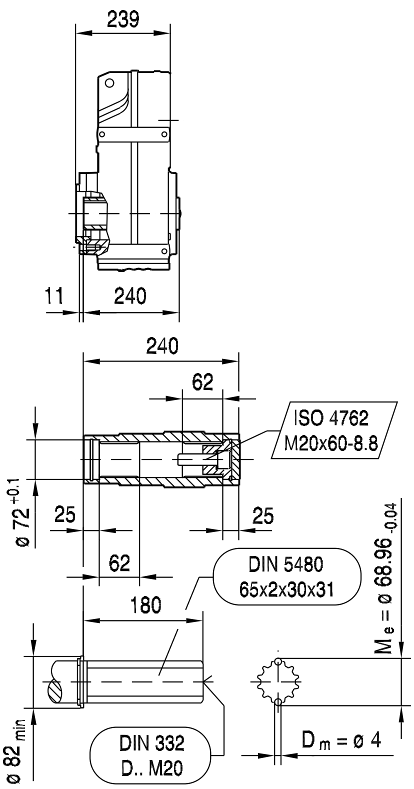
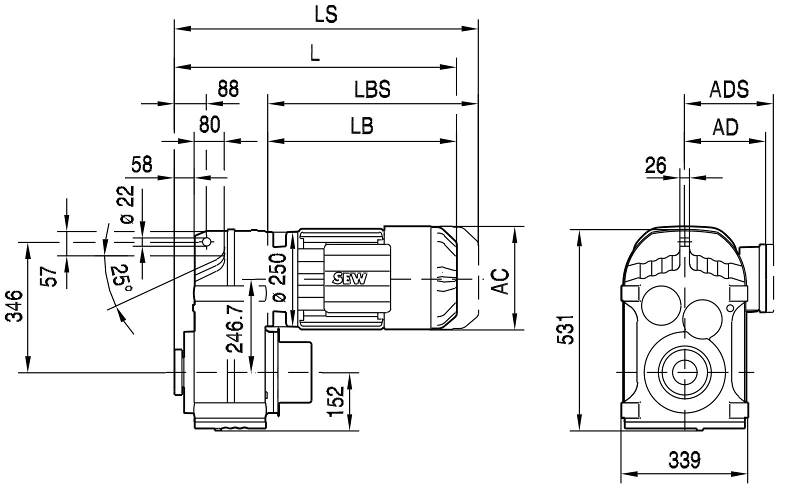
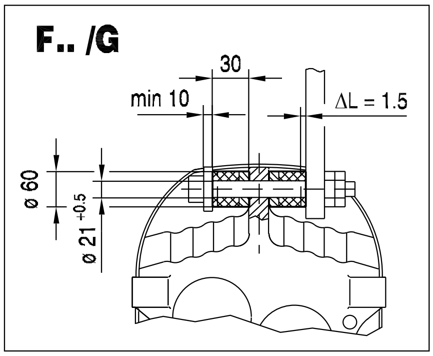


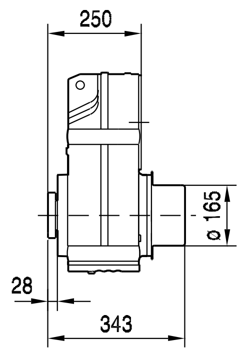
(→ 📖 129)	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC
AC	139	156	156	179	197	221	221	270	316	316
AD	119	128	128	140	157	170	170	228	253	253
ADS	129	139	139	150	158	172	172	228	253	253
L	532	553	584	598	657	738	788	792	861	921
LS	597	633	664	684	744	846	896	929	1050	1110
LB	293	314	345	359	418	499	549	553	622	682
LBS	358	394	425	445	505	607	657	690	811	871

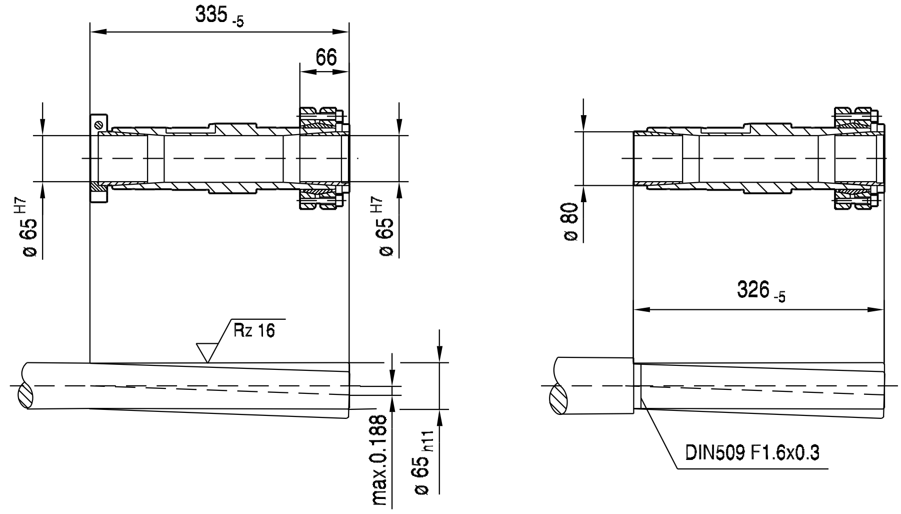
FT87..

42 163 00 08









(→ 📖 129)	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC
AC	139	156	156	179	197	221	221	270	316	316
AD	119	128	128	140	157	170	170	228	253	253
ADS	129	139	139	150	158	172	172	228	253	253
L	543	564	595	609	668	749	799	803	872	932
LS	608	644	675	695	755	857	907	940	1061	1121
LB	293	314	345	359	418	499	549	553	622	682
LBS	358	394	425	445	505	607	657	690	811	871

Diese Seite bleibt aus drucktechnischen Gründen frei.

9.2.8 F 97

M_{aDyn} Nm	i	DRL 71M D2	80S D1	80S D2	80M D1	80M D2	90L D1	90L D2	100L D1	100L D2	132S D1	132S D2	132MC D1	132MC D2
FA97 2	3.87											560	485	750
	4.57									375	350	660	575	880
	5.23									430	405	760	655	1010
	6.17									505	475	890	775	1190
	7.07					225	171	315	240	580	545	1020	890	1370
	8.22					260	199	365	275	675	635	1190	1030	1590
	9.06	123	88	215	114	290	215	400	305	745	700	1310	1140	1750
	11.16									920	860	1620	1400	2160
	12.77									1050	990	1850	1610	2470
	15.06									1240	1160	2190	1890	2920
	17.25					550	415	765	585	1420	1330	2500	2170	3340
	20.07					640	485	890	680	1650	1550	2920	2530	3890
	22.11	300	210	535	275	705	535	980	750	1820	1710	3210	2780	4280
	24.92	335	240	600	310	795	600	1110	840	2050	1930	3620	3140	>4360
	27.44	370	265	665	345	870	665	1220	930	2260	2120	3990	3460	>4360
	30.39	410	290	735	380	970	735	1350	1030	2500	2350	>4360	3830	
	33.91	460	325	820	425	1080	820	1510	1150	2790	2630	>4360	4270	
	36.64	495	355	880	460	1170	880	1630	1240	3020	2840			
	43.28	585	415	1040	545	1380	1040	1930	1460	3560	3350			
FA97 3	32.50									2650	2490	>4360	4050	>4360
	38.86									3170	2980	>4360	>4360	>4360
	44.49					1400	1060	1960	1490	3630	3410	>4360	>4360	>4360
	52.49					1660	1250	2310	1760	4280	4030	>4360	>4360	>4360
	58.06	780	555	1390	720	1830	1390	2560	1950	>4360	>4360	>4360	>4360	>4360
	65.47	870	625	1570	810	2070	1570	2890	2190	>4360	>4360	>4360	>4360	>4360
	72.29	970	690	1730	900	2290	1730	3190	2420	>4360	>4360	>4360	>4360	>4360
	75.63									>4360	>4360	>4360	>4360	>4360
	80.31	1060	760	1900	990	2510	1900	3500	2670	>4360	>4360	>4360	>4360	
	86.59					2710	2050	3780	2870	>4360	>4360	>4360	>4360	>4360
	89.85	1190	850	2130	1100	2810	2130	3920	2980	>4360	>4360	>4360	>4360	
	97.58	1290	920	2310	1200	3050	2310	4260	3240	>4360	>4360			
	102.16					3200	2420	>4360	3390	>4360	>4360	>4360	>4360	>4360
	112.99	1500	1070	2680	1390	3540	2680	>4360	3750	>4360	>4360	>4360	>4360	>4360
	127.42	1690	1210	3020	1570	3990	3020	>4360	4230	>4360	>4360	>4360	>4360	>4360
	140.71	1870	1330	3340	1730	>4360	3340	>4360	>4360	>4360	>4360	>4360	>4360	>4360
	156.30	2070	1480	3710	1930	>4360	3710	>4360	>4360	>4360	>4360	>4360	>4360	
	174.87	2300	1640	4100	2130	>4360	4100	>4360	>4360	>4360	>4360	>4360	>4360	
	189.92	2490	1780	>4360	2320	>4360	>4360	>4360	>4360	>4360	>4360			
	223.88	2940	2100	>4360	2730	>4360	>4360	>4360	>4360	>4360	>4360			
	253.41	3290	2350	>4360	3060	>4360	>4360	>4360	>4360					
	276.77	3600	2570	>4360	3340	>4360	>4360	>4360	>4360					

→ 124

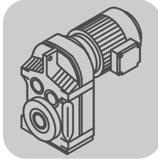
m kg	s	DRL 71M	80S	80M	90L	100L	132S	132MC
FA97	2	160	160	165	170	180	195	210
FA97	3	165	165	170	175	185	200	215
FAF: + 21.7 kg / F: + 7.5 kg / FF: + 40.3 kg								

M_{aDyn} Nm		DRL																
	i	160M		160MC		180S		180M		180L		180LC		200L		225S		225MC
		D1	D2	D1	D2	D1	D2	D1	D2	D1	D2	D1	D2	D1	D2	D1	D2	D1
FA97 2	3.87	615	1050	690	1200	785	1420	930	1610	1200	1950	1570	2250	1780	2550	1950	>2700	>2700
	4.57	730	1240	820	1410	930	1680	1100	1900	1410	2300	1860	2650	2100	>3000	2300	>3000	>3000
	5.23	830	1420	930	1620	1060	1920	1260	2180	1620	2630	2130	>3020	2400	>3020	2630	>3020	>3020
	6.17	980	1670	1100	1910	1250	2270	1490	2570	1910	>3030	2510	>3030	2840	>3030	>3030	>3030	>3030
	7.07	1130	1920	1260	2190	1440	2600	1710	2940	2190	>3040	2880	>3040	>3040	>3040	>3040	>3040	>3040
	8.22	1310	2230	1470	2550	1670	3020	1990	>3050	2550	>3050	>3050		>3050		>3050		
	9.06	1450	2460	1620	2810	1840	>3050	2190	>3050	2810	>3050	>3050		>3050		>3050		
	11.16	1780	3030	2000	3460	2270	4110	2700	>4360	3460	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360
	12.77	2040	3460	2290	3960	2600	>4360	3090	>4360	3960	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360
	15.06	2410	4090	2700	>4360	3060	>4360	3650	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360
	17.25	2760	>4360	3090	>4360	3510	>4360	4180	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360
	20.07	3210	>4360	3600	>4360	4080	>4360	>4360	>4360	>4360	>4360	>4360		>4360		>4360		
	22.11	3530	>4360	3960	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360		>4360		>4360		
	24.92	3980	>4360	>4360	>4360	>4360		>4360		>4360								
	27.44	>4360	>4360	>4360	>4360	>4360		>4360		>4360								
	30.39	>4360		>4360														
	33.91	>4360		>4360														
	36.64																	
	43.28																	
FA97 3	32.50	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360
	38.86	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360
	44.49	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360
	52.49	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360		>4360		>4360		
	58.06	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360		>4360		>4360		
	65.47	>4360	>4360	>4360	>4360	>4360		>4360		>4360								
	72.29	>4360	>4360	>4360	>4360	>4360		>4360		>4360								
	75.63	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360		>4360		>4360		
	80.31	>4360		>4360														
	86.59	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360		>4360		>4360		
	89.85	>4360		>4360														
	97.58																	
	102.16	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360		>4360		>4360		
	112.99	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360		>4360		>4360		
	127.42	>4360	>4360	>4360	>4360	>4360		>4360		>4360								
	140.71	>4360	>4360	>4360	>4360	>4360		>4360		>4360								
	156.30	>4360		>4360														
	174.87	>4360		>4360														
	189.92																	
	223.88																	
	253.41																	
	276.77																	

→ 124

m kg		DRL								
	s	160M	160MC	180S	180M	180L	180LC	200L	225S	225MC
FA97	2	230	235	265	280	290	305	400	430	470
FA97	3	235	240	270	285	295	310	405	435	475
FAF: + 21.7 kg / F: + 7.5 kg / FF: + 40.3 kg										

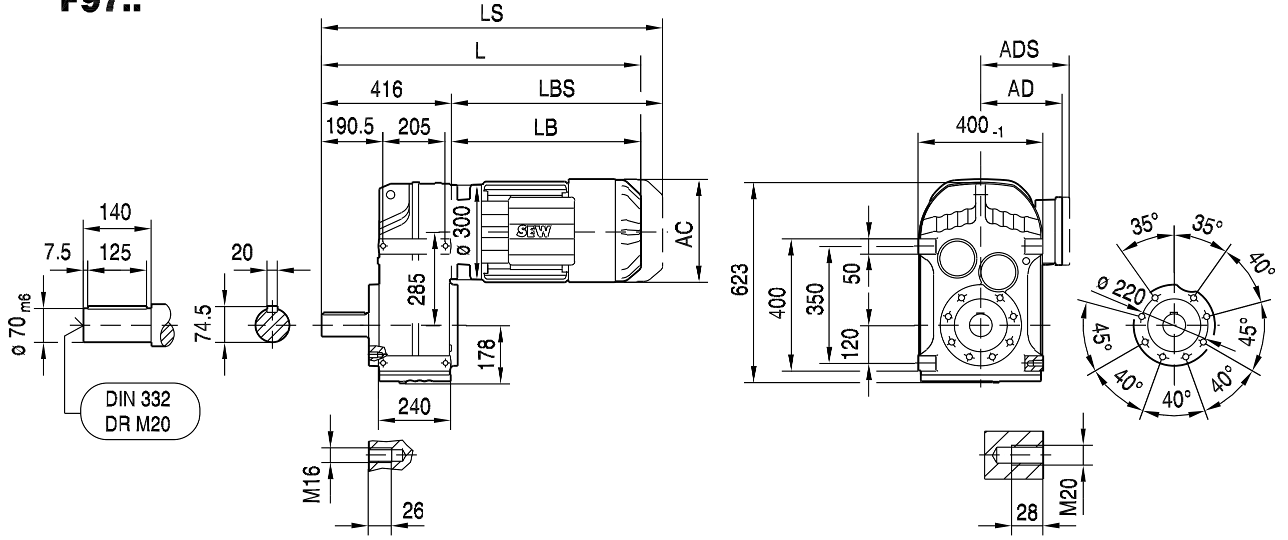
DRL..	i	n_{epk} 1/min	η %	c_{TG} FA Nm/'	FAF Nm/'	F Nm/'	FF Nm/'	φ /R '
FA97 2	3.87	3197	97	627	627	324	283	9
	4.57	3597	97	627	627	324	283	9
	5.23	3924	97	627	627	324	283	9
	6.17	4378	97	627	627	324	283	9
	7.07	4500	97	627	627	324	283	9
	8.22	4500	97	627	627	324	283	9
	9.06	4500	97	627	627	324	283	9
	11.16	4500	97	873	873	380	325	6
	12.77	4500	97	873	873	380	325	6
	15.06	4500	97	873	873	380	325	6
	17.25	4500	97	873	873	380	325	6
	20.07	4500	97	873	873	380	325	6
	22.11	4500	97	873	873	380	325	6
	24.92	4500	97	873	873	380	325	6
	27.44	4500	97	873	873	380	325	6
	30.39	4500	97	873	873	380	325	6
	33.91	4500	97	873	873	380	325	6
	36.64	4500	97	873	873	380	325	6
	43.28	4500	97	873	873	380	325	6
FA97 3	32.50	4500	96	956	956	395	336	6
	38.86	4378	96	956	956	395	336	6
	44.49	4500	96	956	956	395	336	6
	52.49	4500	96	956	956	395	336	6
	58.06	4500	96	956	956	395	336	6
	65.47	4500	96	956	956	395	336	6
	72.29	4500	96	956	956	395	336	6
	75.63	4378	95	965	965	396	337	6
	80.31	4500	95	956	956	395	336	6
	86.59	4500	95	965	965	396	337	6
	89.85	4500	95	956	956	395	336	6
	97.58	4500	95	956	956	395	336	6
	102.16	4500	95	965	965	396	337	6
	112.99	4500	95	965	965	396	337	6
	127.42	4500	95	965	965	396	337	6
	140.71	4500	95	965	965	396	337	6
	156.30	4500	95	965	965	396	337	6
	174.87	4500	94	965	965	396	337	6
	189.92	4500	94	965	965	396	337	6
	223.88	4500	94	965	965	396	337	6
	253.41	4500	93	965	965	396	337	6
	276.77	4500	93	965	965	396	337	6



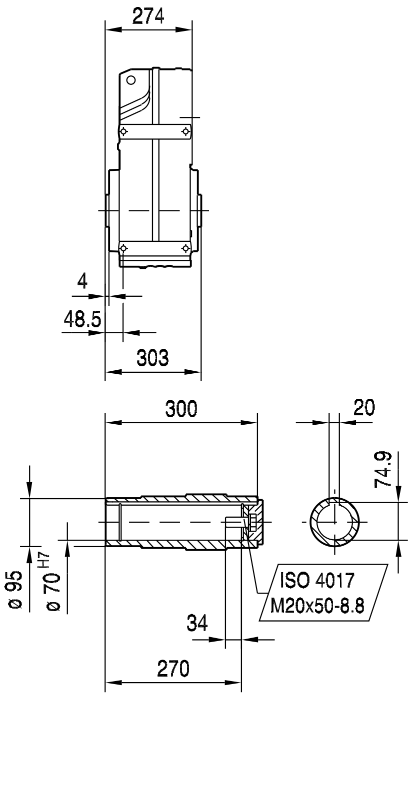
DRL.. n_e = 1400	i	M_{amax} Nm	M_{apk} Nm	$M_{aNotaus}$ Nm	n_{ak} 1/min	J_G 10^{-4} kgm^2	F_{Ramax} FA N	F_{Ramax} FAF N	F_{Ramax} F N	F_{Ramax} FF N	F_{Rapk} FA N	F_{Rapk} FAF N	F_{Rapk} F N	F_{Rapk} FF N
FA97 2	3.87	1800	2700	3060	465	266	10300	10300	9960	16500	40000	40000	33600	30600
	4.57	2050	3000	3485	328	193	10200	10200	9950	16800	40000	40000	32900	30300
	5.23	2150	3020	3655	325	153	10700	10700	10400	17400	40000	40000	32800	30300
	6.17	2250	3030	3825	324	116	11400	11400	11100	18300	40000	40000	32800	30200
	7.07	2360	3040	4012	297	92	11900	11900	11500	19000	40000	40000	32800	30200
	8.22	2360	3050	4012	328	72	13100	13100	12600	20300	40000	40000	32800	30200
	9.06	2360	3050	4012	353	61	13900	13900	13400	21100	40000	40000	32800	30200
	11.16	4100	4360	6970	143	104	9710	9710	10000	18700	40000	40000	29700	28200
	12.77	4300	4360	7310	141	85	10100	10100	10500	19400	40000	40000	29700	28200
	15.06	4300	4360	7310	153	67	11700	11700	11900	21100	40000	40000	29700	28200
	17.25	4300	4360	7310	157	55	13100	13100	13200	22500	40000	40000	29700	28200
	20.07	4300	4360	7310	149	45	14700	14700	14600	24100	40000	40000	29700	28200
	22.11	4300	4360	7310	149	39	15700	15700	15600	25200	40000	40000	29700	28200
	24.92	4300	4360	7310	144	33	17100	17100	16800	26600	40000	40000	29700	28200
	27.44	4300	4360	7310	142	28	18200	18200	17900	27800	40000	40000	29700	28200
	30.39	4300	4360	7310	141	22	19500	19500	19000	28300	40000	40000	29700	28200
	33.91	4300	4360	7310	139	19	20900	20900	20300	28300	40000	40000	29700	28200
	36.64	3070	4360	5219	191	17	27000	27000	25500	30200	40000	40000	29700	28200
	43.28	3070	4360	5219	162	13	29300	29300	27600	30200	40000	40000	29700	28200
FA97 3	32.50	4300	4360	7310	52	60	20300	20300	19800	28300	40000	40000	29700	28200
	38.86	4300	4360	7310	51	48	22700	22700	21900	28300	40000	40000	29700	28200
	44.49	4300	4360	7310	52	39	24500	24500	23600	28300	40000	40000	29700	28200
	52.49	4300	4360	7310	51	31	26900	26900	25800	28300	40000	40000	29700	28200
	58.06	4300	4360	7310	52	27	28500	28500	27200	28300	40000	40000	29700	28200
	65.47	4300	4360	7310	52	23	30400	30400	29000	28300	40000	40000	29700	28200
	72.29	4300	4360	7310	53	20	32000	32000	29900	28300	40000	40000	29700	28200
	75.63	4300	4360	7310	56	42	32800	32800	29900	28300	40000	40000	29700	28200
	80.31	4300	4360	7310	52	17	33800	33800	29900	28300	40000	40000	29700	28200
	86.59	4300	4360	7310	57	34	35100	35100	29900	28300	40000	40000	29700	28200
	89.85	4300	4360	7310	52	14	35700	35700	29900	28300	40000	40000	29700	28200
	97.58	4300	4360	7310	52	13	37200	37200	29900	28300	40000	40000	29700	28200
	102.16	4300	4360	7310	58	28	38100	38100	29900	28300	40000	40000	29700	28200
	112.99	4300	4360	7310	58	25	40000	40000	29900	28300	40000	40000	29700	28200
	127.42	4300	4360	7310	55	20	40000	40000	29900	28300	40000	40000	29700	28200
	140.71	4300	4360	7310	50	18	40000	40000	29900	28300	40000	40000	29700	28200
	156.30	4300	4360	7310	45	15	40000	40000	29900	28300	40000	40000	29700	28200
	174.87	4300	4360	7310	40	13	40000	40000	29900	28300	40000	40000	29700	28200
	189.92	4300	4360	7310	37	12	40000	40000	29900	28300	40000	40000	29700	28200
	223.88	4300	4360	7310	31	9.2	40000	40000	29900	28300	40000	40000	29700	28200
	253.41	4300	4360	7310	28	5.9	40000	40000	29900	28300	40000	40000	29700	28200
	276.77	4300	4360	7310	25	5.1	40000	40000	29900	28300	40000	40000	29700	28200

F97..

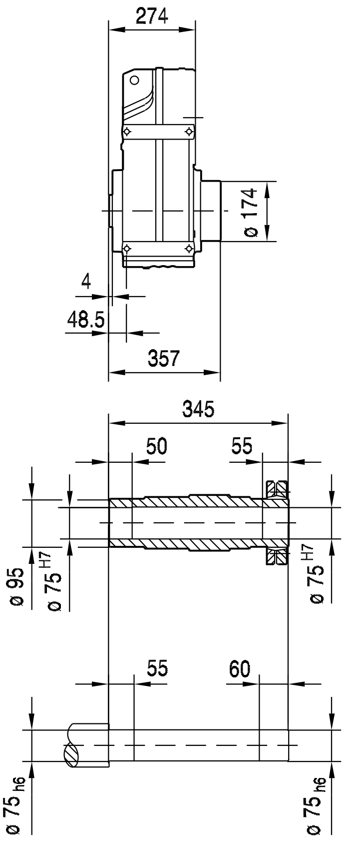
42 164 00 08



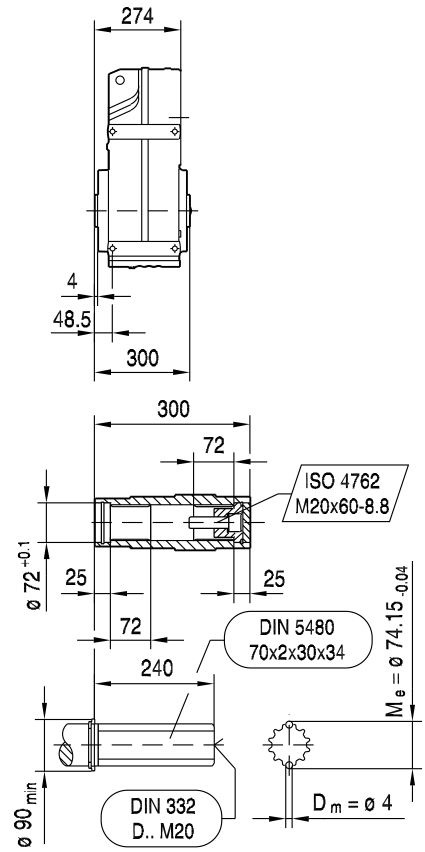
FA97B..



FH97B..



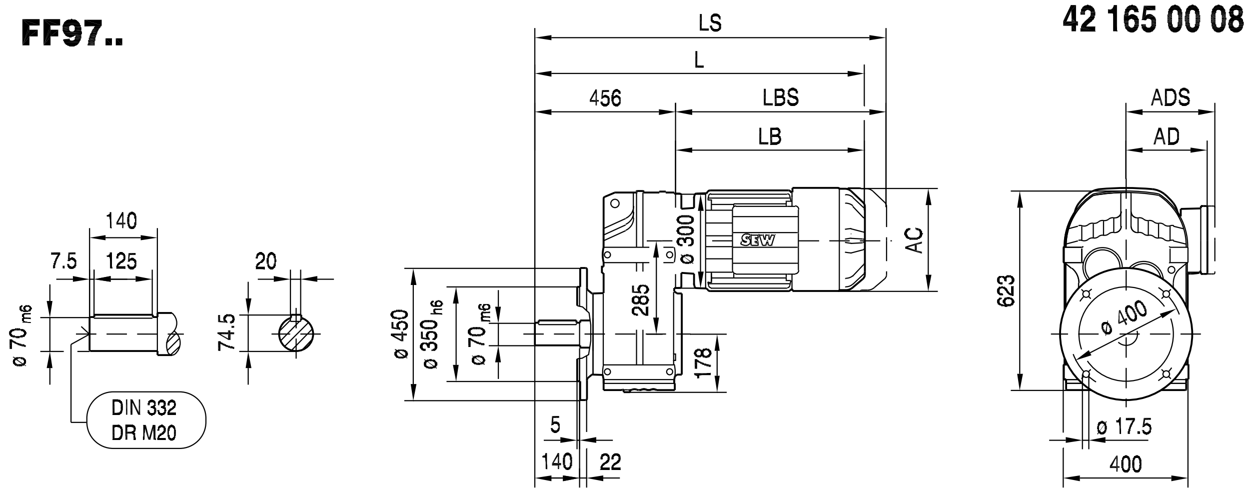
FV97B..



(→ 📖 129)	DRL80 S	DRL80 M	DRL90 L	DRL100L	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC
AC	156	156	179	197	221	221	270	316	316	394	394
AD	128	128	140	157	170	170	228	253	253	283	283
ADS	139	139	150	158	172	172	228	253	253	283	283
L	725	756	770	829	910	960	964	1033	1093	1166	1216
LS	805	836	856	916	1018	1068	1101	1222	1282	1371	1421
LB	309	340	354	413	494	544	548	617	677	750	800
LBS	389	420	440	500	602	652	685	806	866	955	1005

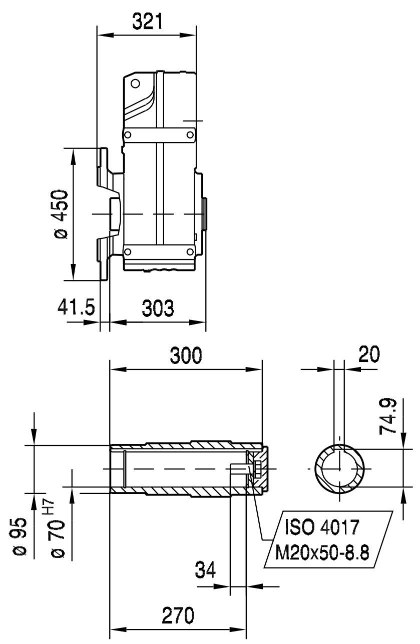
FF97..

42 165 00 08

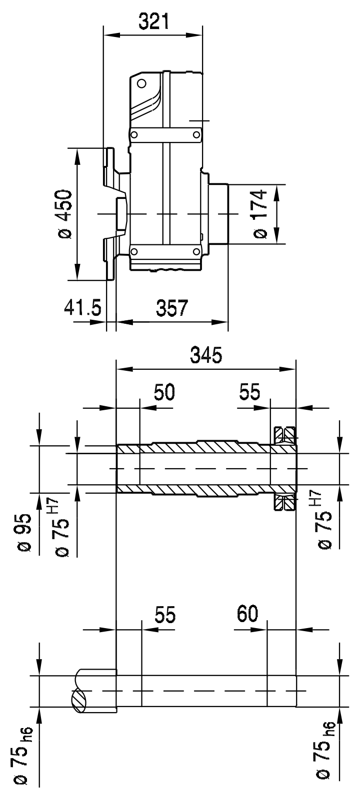


9

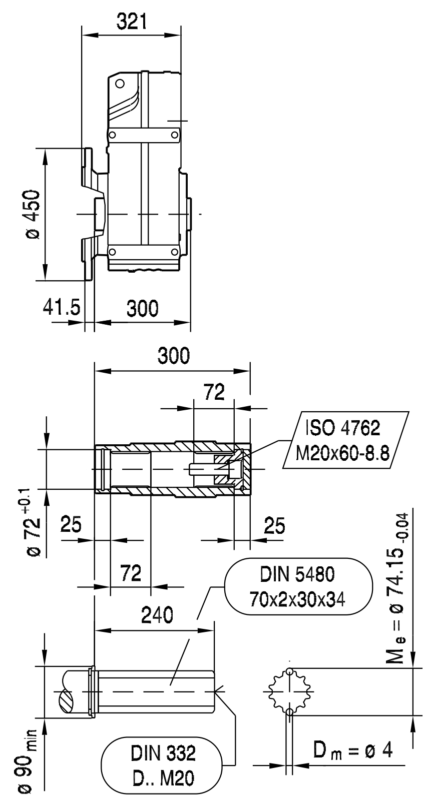
FAF97..



FHF97..



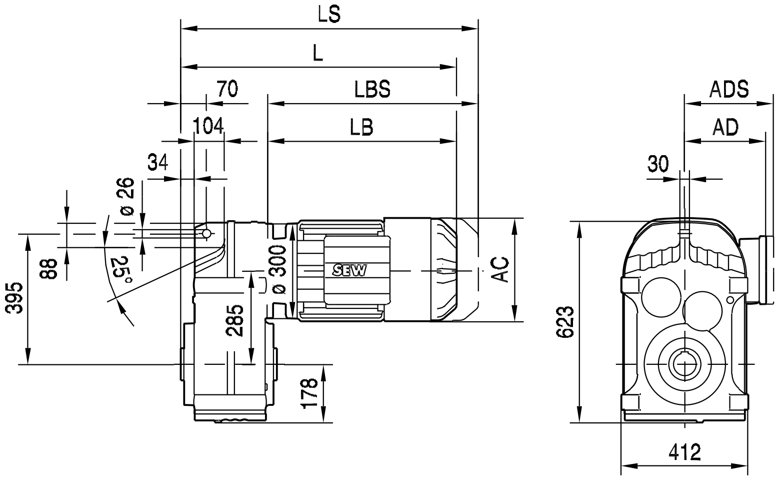
FVF97..

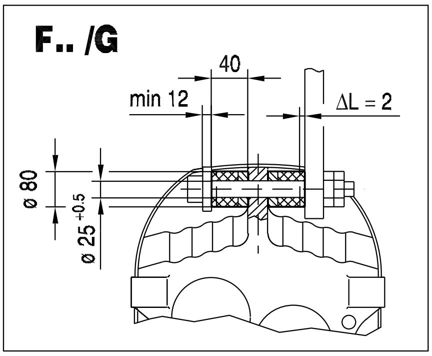


(→ 📖 129)	DRL80 S	DRL80 M	DRL90 L	DRL100L	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC
AC	156	156	179	197	221	221	270	316	316	394	394
AD	128	128	140	157	170	170	228	253	253	283	283
ADS	139	139	150	158	172	172	228	253	253	283	283
L	765	796	810	869	950	1000	1004	1073	1133	1206	1256
LS	845	876	896	956	1058	1108	1141	1262	1322	1411	1461
LB	309	340	354	413	494	544	548	617	677	750	800
LBS	389	420	440	500	602	652	685	806	866	955	1005

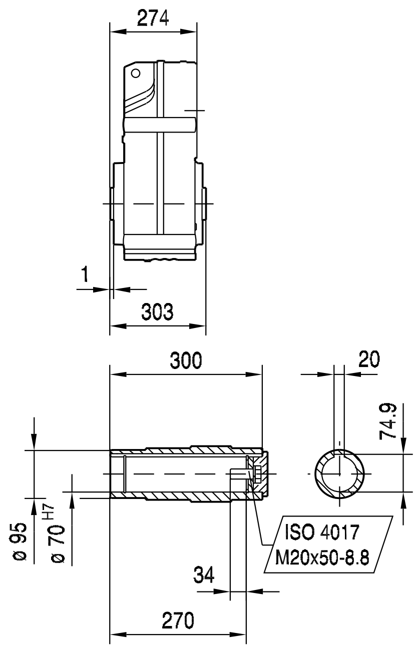
FA97..

42 166 00 08

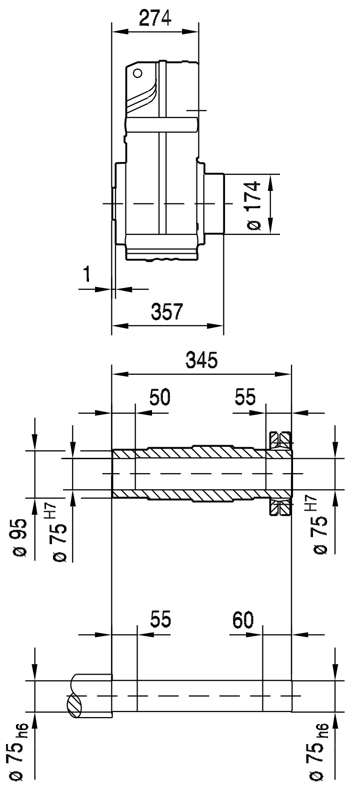




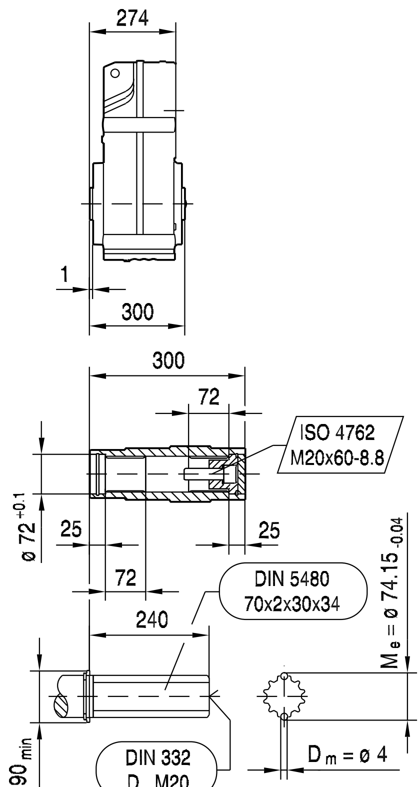
FA97..



FH97..



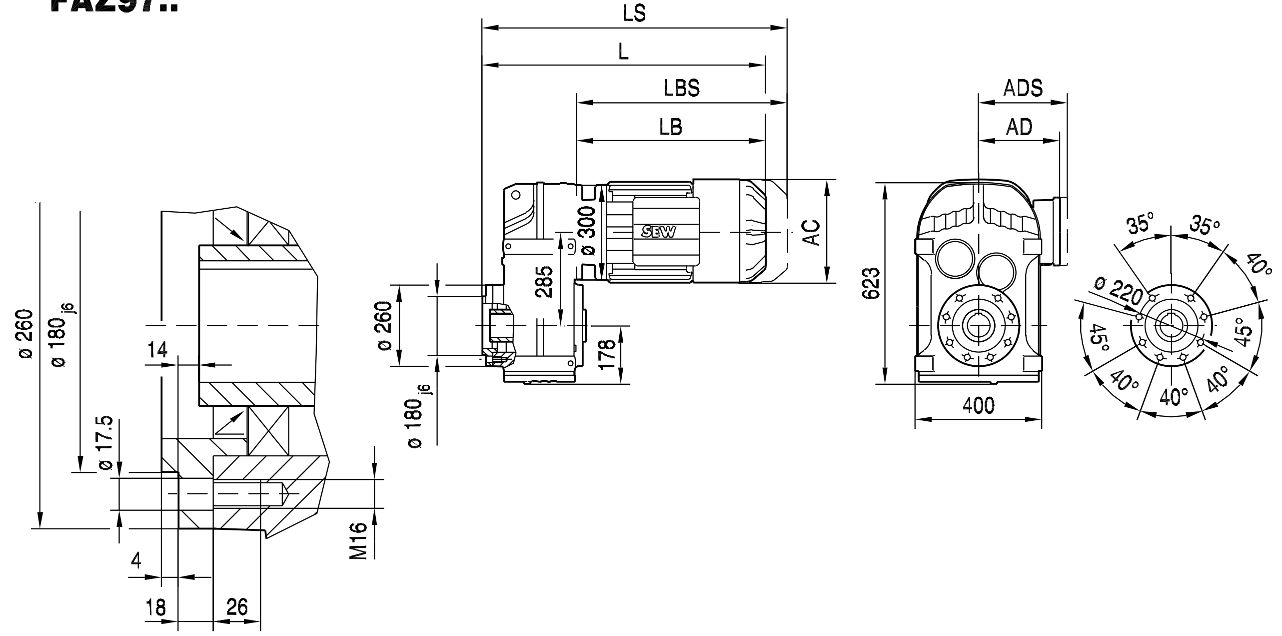
FV97..



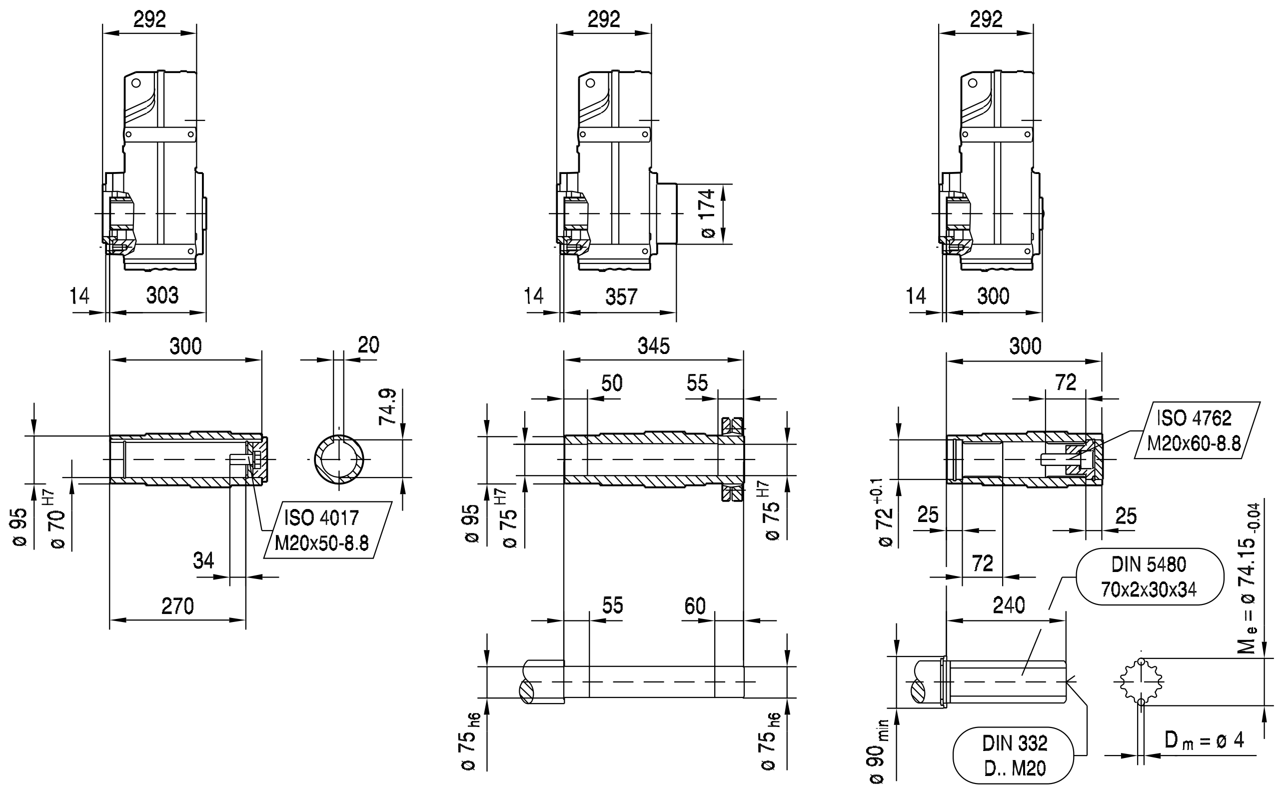
(→ 129)	DRL80 S	DRL80 M	DRL90 L	DRL100L	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC
AC	156	156	179	197	221	221	270	316	316	394	394
AD	128	128	140	157	170	170	228	253	253	283	283
ADS	139	139	150	158	172	172	228	253	253	283	283
L	583	614	628	687	768	818	822	891	951	1024	1074
LS	663	694	714	774	876	926	959	1080	1140	1229	1279
LB	309	340	354	413	494	544	548	617	677	750	800
LBS	389	420	440	500	602	652	685	806	866	955	1005

42 167 00 08

FAZ97..



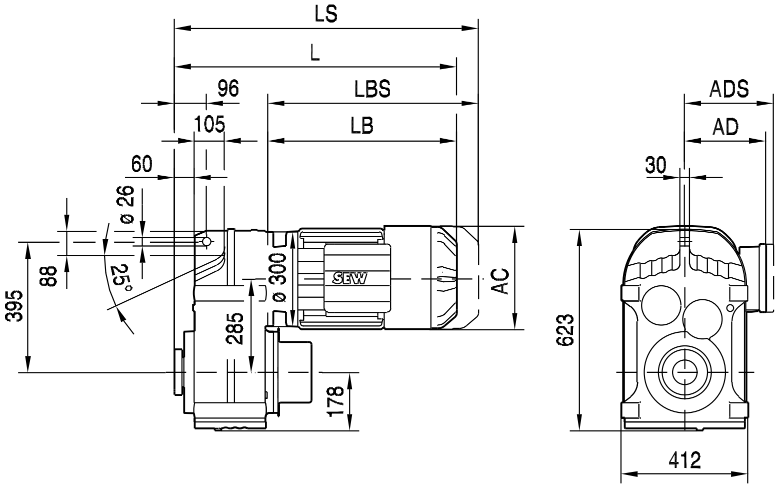
FAZ97.. FHZ97.. FVZ97..

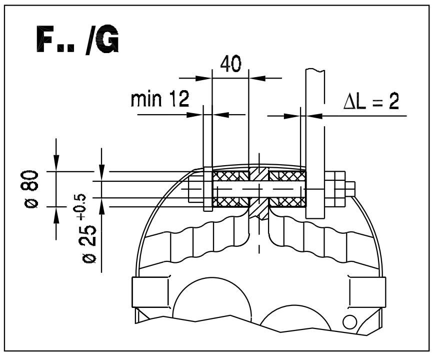


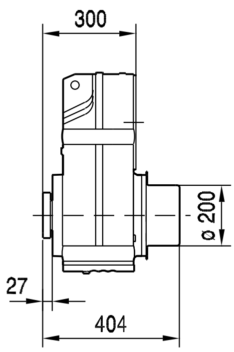
(→ 📖 129)	DRL80 S	DRL80 M	DRL90 L	DRL100L	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC
AC	156	156	179	197	221	221	270	316	316	394	394
AD	128	128	140	157	170	170	228	253	253	283	283
ADS	139	139	150	158	172	172	228	253	253	283	283
L	601	632	646	705	786	836	840	909	969	1042	1092
LS	681	712	732	792	894	944	977	1098	1158	1247	1297
LB	309	340	354	413	494	544	548	617	677	750	800
LBS	389	420	440	500	602	652	685	806	866	955	1005

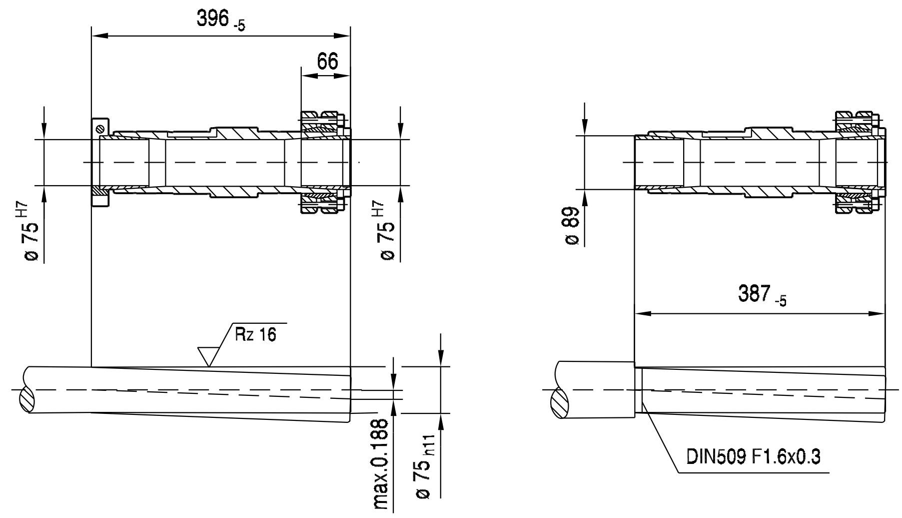
FT97..

42 168 00 08









(→ 📖 129)	DRL80 S	DRL80 M	DRL90 L	DRL100L	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC
AC	156	156	179	197	221	221	270	316	316	394	394
AD	128	128	140	157	170	170	228	253	253	283	283
ADS	139	139	150	158	172	172	228	253	253	283	283
L	609	640	654	713	794	844	848	917	977	1050	1100
LS	689	720	740	800	902	952	985	1106	1166	1255	1305
LB	309	340	354	413	494	544	548	617	677	750	800
LBS	389	420	440	500	602	652	685	806	866	955	1005

Diese Seite bleibt aus drucktechnischen Gründen frei.

9.2.9 F 107

M_{aDyn} Nm	i	DRL 90L D1	90L D2	100L D1	100L D2	132S D1	132S D2	132MC D1	132MC D2	160M D1	160M D2	160MC D1	160MC D2	180S D1	180S D2
FA107 2	5.03								970		1360		1560	1020	1850
	6.22						900	780	1200	990	1680	1110	1930	1260	2290
	7.40				610	570	1070	930	1430	1180	2000	1320	2290	1500	2720
	8.37				690	645	1210	1050	1620	1330	2270	1500	2590	1700	3080
	9.69				795	750	1400	1220	1870	1550	2630	1730	3000	1970	3570
	9.96								1930		2700		3090	2020	3670
	12.33						1790	1550	2390	1970	3340	2210	3820	2510	4540
	14.67				1200	1130	2130	1840	2840	2340	3980	2630	4550	2980	5400
	16.58				1360	1280	2410	2090	3210	2650	4500	2970	5140	3370	6110
	19.20				1580	1480	2790	2420	3720	3070	5210	3440	5950	3910	7070
	21.76	525	970	735	1790	1680	3160	2740	4220	3480	5910	3900	6750	4430	8020
	25.14	605	1120	850	2070	1950	3650	3170	4870	4020	6820	4510	7800	5120	>8860
	27.57	665	1230	930	2270	2130	4010	3470	5340	4410	7480	4940	8550	5610	>8860
	33.79	810	1500	1140	2780	2620	4910	4260	6550	5400	>8860	6060	>8860	6880	
FA107 3	31.80						4530	3920	6040	4980	8450	5580	>8860	6340	>8860
	37.61				3030	2850	5350	4640	7140	5890	>8860	6600	>8860	7500	>8860
	43.03				3470	3270	6130	5310	8170	6740	>8860	7560	>8860	8580	>8860
	50.73				4090	3850	7220	6260	>8860	7950	>8860	>8860	>8860	>8860	>8860
	58.12	1390	2560	1950	4740	4460	8360	7250	>8860	>8860	>8860	>8860	>8860	>8860	>8860
	67.62	1620	2980	2270	5510	5190	>8860	8430	>8860	>8860	>8860	>8860	>8860	>8860	>8860
	74.52	1780	3290	2500	6080	5720	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860
	83.99	2010	3700	2820	6850	6450	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860	
	88.49				7140	6720	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860
	92.47	2210	4080	3100	7540	7100	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860	
	101.38	2400	4430	3370	8180	7700	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860
	117.94	2800	5150	3920	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860
	129.97	3080	5670	4320	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860
	146.49	3470	6400	4870	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860	
	161.28	3830	7040	5360	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860	
	178.64	4240	7800	5930	>8860	>8860	>8860	>8860		>8860		>8860			
	199.31	4730	8700	6620	>8860	>8860	>8860	>8860		>8860		>8860			
	215.37	5060	>8860	7080	>8860	>8860									
	254.40	5970	>8860	8360	>8860	>8860									

→ 124

m kg	s	DRL 90L	100L	132S	132MC	160M	160MC	180S
FA107	2	240	250	265	280	300	305	335
FA107	3	250	260	275	290	310	315	345
FAF: + 21.0 kg / F: + 16.6 kg / FF: + 43.9 kg								

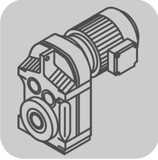
M_{aDyn} Nm	i	DRL										
		180M		180L		180LC		200L		225S		225MC
		D1	D2	D1	D2	D1	D2	D1	D2	D1	D2	D1
FA107 2	5.03	1210	2090	1560	2530	2040	2920	2310	3310	2530	3750	3750
	6.22	1500	2590	1930	3130	2530	3620	2860	4100	3130	4640	4640
	7.40	1790	3080	2290	3730	3010	4300	3400	4880	3730	5520	5520
	8.37	2020	3490	2590	4220	3400	4870	3850	5520	4220	>6240	>6240
	9.69	2340	4040	3000	4880	3940	5630	4460	>6240	4880	>6240	>6240
	9.96	2410	4150	3090	5020	4050	5790	4580	6560	5020	7430	7430
	12.33	2990	5140	3820	6210	5020	7170	5680	8130	6210	>8860	>8860
	14.67	3550	6110	4550	7390	5970	8530	6750	>8860	7390	>8860	>8860
	16.58	4020	6910	5140	8360	6750	>8860	7630	>8860	8360	>8860	>8860
	19.20	4650	8000	5950	>8860	7820	>8860	8840	>8860	>8860	>8860	>8860
	21.76	5270	>8860	6750	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860
	25.14	6090	>8860	7800	>8860	>8860		>8860		>8860		
	27.57	6680	>8860	8550	>8860	>8860		>8860		>8860		
	33.79	8190		>8860								
FA107 3	31.80	7550	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860
	37.61	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860
	43.03	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860
	50.73	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860
	58.12	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860
	67.62	>8860	>8860	>8860	>8860	>8860		>8860		>8860		
	74.52	>8860	>8860	>8860	>8860	>8860		>8860		>8860		
	83.99	>8860		>8860								
	88.49	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860
	92.47	>8860		>8860								
	101.38	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860	>8860
	117.94	>8860	>8860	>8860	>8860	>8860		>8860		>8860		
	129.97	>8860	>8860	>8860	>8860	>8860		>8860		>8860		
	146.49	>8860		>8860								
	161.28	>8860		>8860								
	178.64											
	199.31											
	215.37											
	254.40											

→ 124

m kg	s	DRL					
		180M	180L	180LC	200L	225S	225MC
FA107	2	350	365	375	470	500	540
FA107	3	360	375	385	480	510	550
FAF: + 21.0 kg / F: + 16.6 kg / FF: + 43.9 kg							

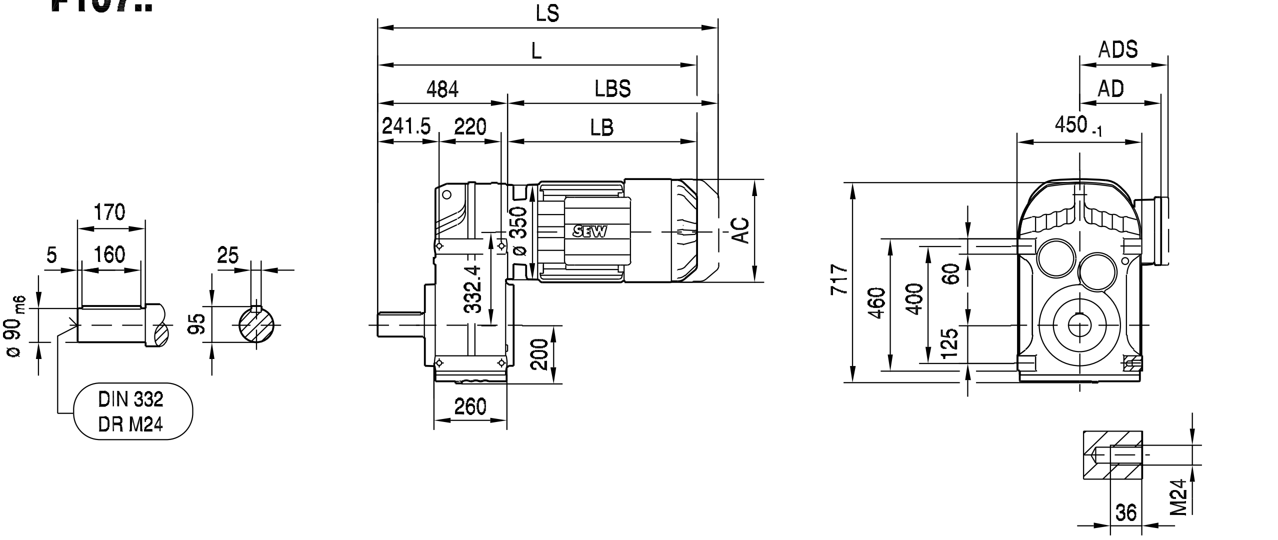
DRL..	i	n_{epk} 1/min	η %	c_{TG} FA Nm/'	c_{TG} FAF Nm/'	c_{TG} F Nm/'	c_{TG} FF Nm/'	φ /R '
FA107 2	5.03	2797	97	1359	1359	722	666	7
	6.22	3197	97	1359	1359	722	666	7
	7.40	3597	97	1359	1359	722	666	7
	8.37	3924	97	1359	1359	722	666	7
	9.69	4500	97	1359	1359	722	666	7
	9.96	4500	97	1612	1612	788	722	5
	12.33	4500	97	1612	1612	788	722	5
	14.67	4500	97	1612	1612	788	722	5
	16.58	4500	97	1612	1612	788	722	5
	19.20	4500	97	1612	1612	788	722	5
	21.76	4500	97	1612	1612	788	722	5
	25.14	4500	97	1612	1612	788	722	5
	27.57	4500	97	1612	1612	788	722	5
	33.79	4500	97	1612	1612	788	722	5
FA107 3	31.80	3197	95	1806	1806	832	758	6
	37.61	3597	95	1806	1806	832	758	6
	43.03	3924	95	1806	1806	832	758	6
	50.73	4378	95	1806	1806	832	758	6
	58.12	4500	96	1806	1806	832	758	6
	67.62	4500	96	1806	1806	832	758	6
	74.52	4500	96	1806	1806	832	758	6
	83.99	4500	96	1806	1806	832	758	6
	88.49	4378	95	1823	1823	836	761	5
	92.47	4500	96	1806	1806	832	758	6
	101.38	4500	95	1823	1823	836	761	5
	117.94	4500	95	1823	1823	836	761	5
	129.97	4500	95	1823	1823	836	761	5
	146.49	4500	95	1823	1823	836	761	5
	161.28	4500	95	1823	1823	836	761	5
	178.64	4500	95	1823	1823	836	761	5
	199.31	4500	95	1823	1823	836	761	5
	215.37	4500	94	1823	1823	836	761	5
	254.40	4500	94	1823	1823	836	761	5

DRL..							F_{Ramax}				F_{Rapk}			
n_e = 1400	i	M_{amax} Nm	M_{apk} Nm	$M_{aNotaus}$ Nm	n_{ak} 1/min	J_G 10^{-4} kgm^2	FA N	FAF N	F N	FF N	FA N	FAF N	F N	FF N
FA107 2	5.03	4600	6240	7820	417	439	4520	39000	16400	19200	65000	65000	52500	55300
	6.22	4600	6240	7820	498	311	6920	42600	19000	22200	65000	65000	52500	55300
	7.40	4600	6240	7820	541	236	8400	45800	21300	24800	65000	65000	52500	55300
	8.37	4800	6240	8160	490	195	8720	47400	22000	25600	65000	65000	52500	55300
	9.69	4910	6240	8347	485	154	9670	50000	23500	27300	65000	65000	52500	55300
	9.96	6500	8860	11050	171	280	6200	47000	21500	25300	65000	65000	46500	45600
	12.33	7000	8860	11900	138	209	6580	49800	22600	26600	65000	65000	46500	45600
	14.67	7680	8860	13056	102	164	6050	51500	22400	26500	65000	65000	46500	45600
	16.58	7840	8860	13328	97	138	6870	53800	23900	28200	65000	65000	46500	45600
	19.20	7840	8860	13328	94	112	8600	57400	26500	31200	65000	65000	46500	45600
	21.76	7840	8860	13328	92	92	10100	60600	28800	33800	65000	65000	46500	45600
	25.14	7840	8860	13328	88	76	12000	64500	31500	36800	65000	65000	46500	45600
	27.57	7840	8860	13328	87	66	13200	65000	33300	38800	65000	65000	46500	45600
	33.79	7400	8860	12580	104	43	17700	65000	38300	44900	65000	65000	46500	45600
FA107 3	31.80	7680	8860	13056	69	125	15800	65000	36500	42700	65000	65000	46500	45600
	37.61	7680	8860	13056	74	94	18300	65000	39500	46300	65000	65000	46500	45600
	43.03	7680	8860	13056	79	77	20300	65000	42000	49000	65000	65000	46500	45600
	50.73	7680	8860	13056	85	62	23000	65000	45100	51100	65000	65000	46500	45600
	58.12	7680	8860	13056	88	51	25300	65000	47800	51100	65000	65000	46500	45600
	67.62	7680	8860	13056	92	42	28000	65000	49800	51100	65000	65000	46500	45600
	74.52	7680	8860	13056	94	37	29900	65000	49800	51100	65000	65000	46500	45600
	83.99	7680	8860	13056	83	31	32200	65000	49800	51100	65000	65000	46500	45600
	88.49	7680	8860	13056	79	56	33200	65000	49800	51100	65000	65000	46500	45600
	92.47	7680	8860	13056	76	27	34100	65000	49800	51100	65000	65000	46500	45600
	101.38	7680	8860	13056	69	47	36000	65000	49800	51100	65000	65000	46500	45600
	117.94	7680	8860	13056	59	39	39300	65000	49800	51100	65000	65000	46500	45600
	129.97	7680	8860	13056	54	34	41400	65000	49800	51100	65000	65000	46500	45600
	146.49	7680	8860	13056	48	29	44200	65000	49800	51100	65000	65000	46500	45600
	161.28	7680	8860	13056	43	25	46600	65000	49800	51100	65000	65000	46500	45600
	178.64	7680	8860	13056	39	19	49100	65000	49800	51100	65000	65000	46500	45600
	199.31	7680	8860	13056	35	16	52000	65000	49800	51100	65000	65000	46500	45600
	215.37	7680	8860	13056	33	15	54000	65000	49800	51100	65000	65000	46500	45600
	254.40	7680	8860	13056	28	12	58600	65000	49800	51100	65000	65000	46500	45600

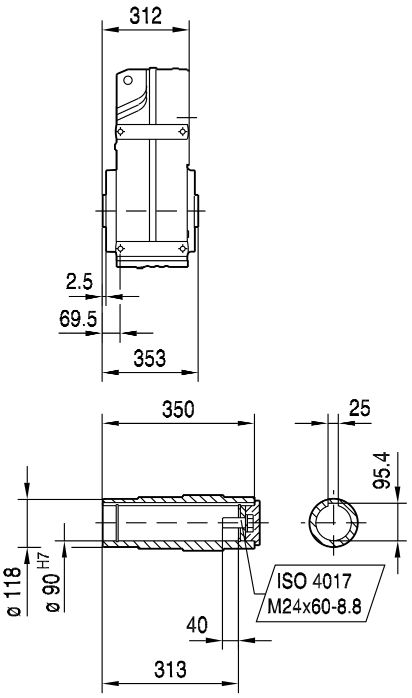


F107..

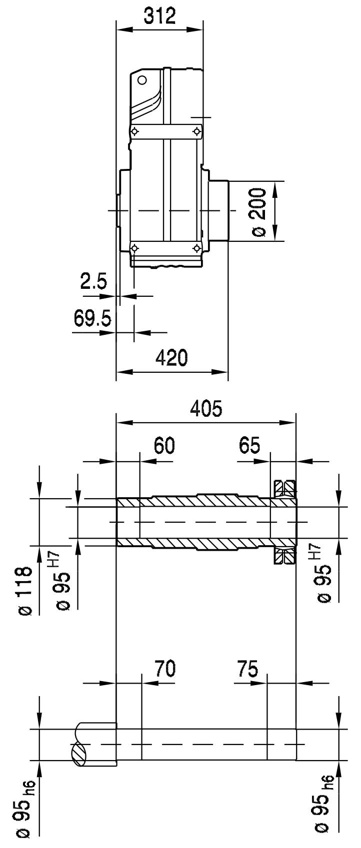
42 169 00 08



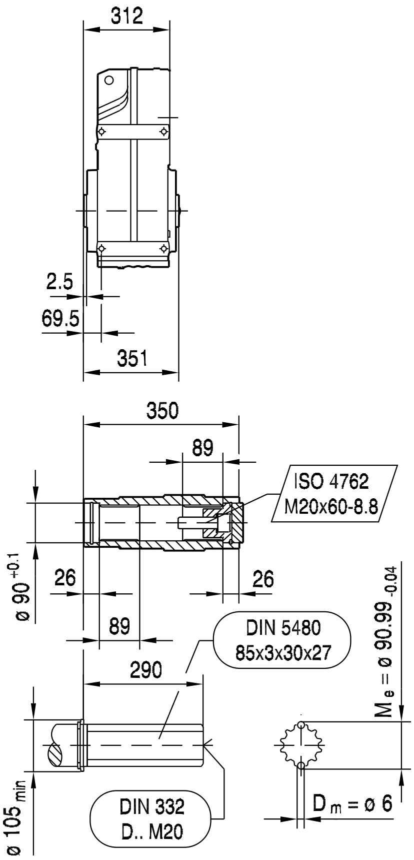
FA107B..



FH107B..



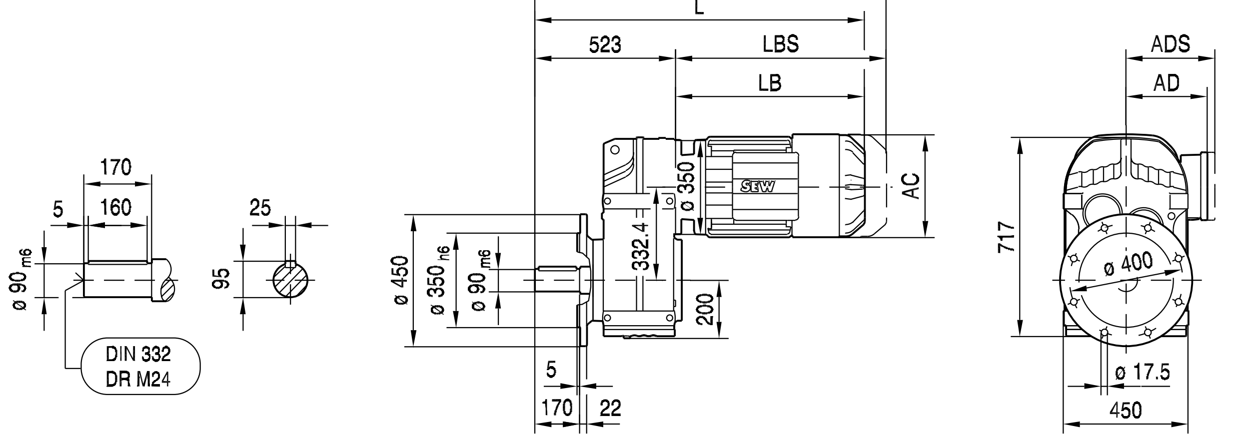
FV107B..



(→ 📖 129)	DRL90L	DRL100L	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC
AC	179	197	221	221	270	316	316	394	394
AD	140	157	170	170	228	253	253	283	283
ADS	150	158	172	172	228	253	253	283	283
L	832	891	972	1022	1026	1095	1155	1228	1278
LS	918	978	1080	1130	1163	1284	1344	1433	1483
LB	348	407	488	538	542	611	671	744	794
LBS	434	494	596	646	679	800	860	949	999

FF107..

42 170 00 08



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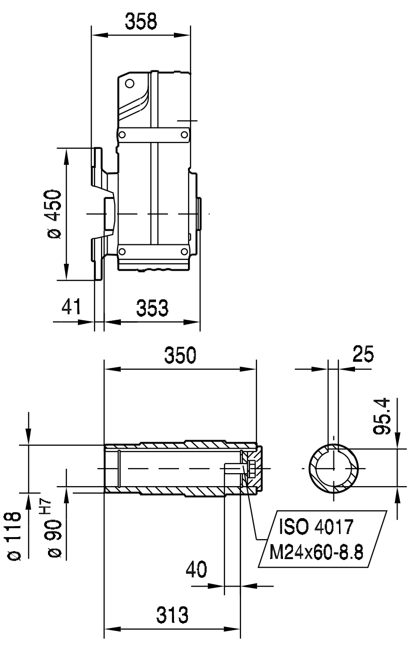
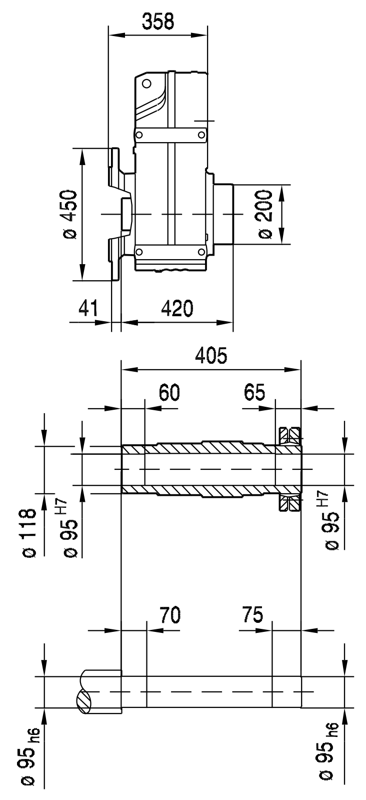


FHF107..



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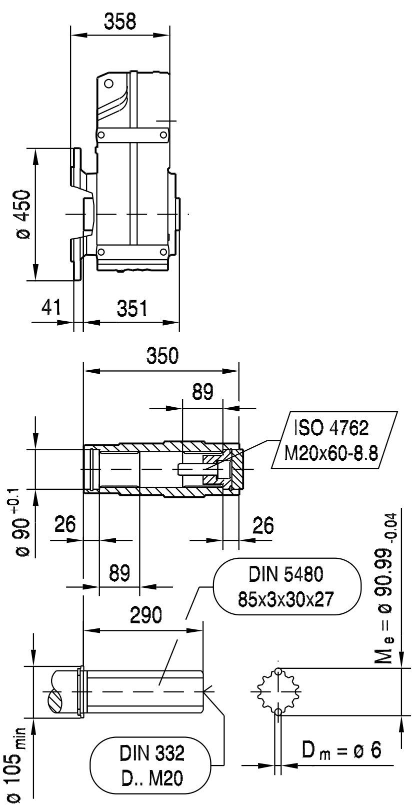
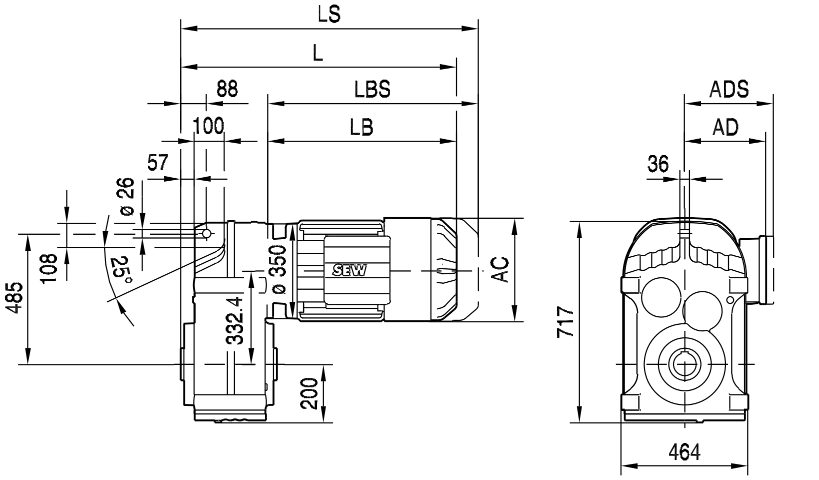
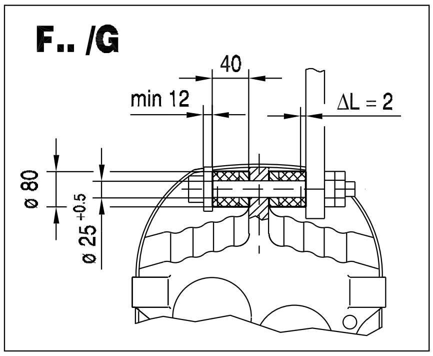


(→ 📖 129)	DRL90L	DRL100L	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC
AC	179	197	221	221	270	316	316	394	394
AD	140	157	170	170	228	253	253	283	283
ADS	150	158	172	172	228	253	253	283	283
L	871	930	1011	1061	1065	1134	1194	1267	1317
LS	957	1017	1119	1169	1202	1323	1383	1472	1522
LB	348	407	488	538	542	611	671	744	794
LBS	434	494	596	646	679	800	860	949	999

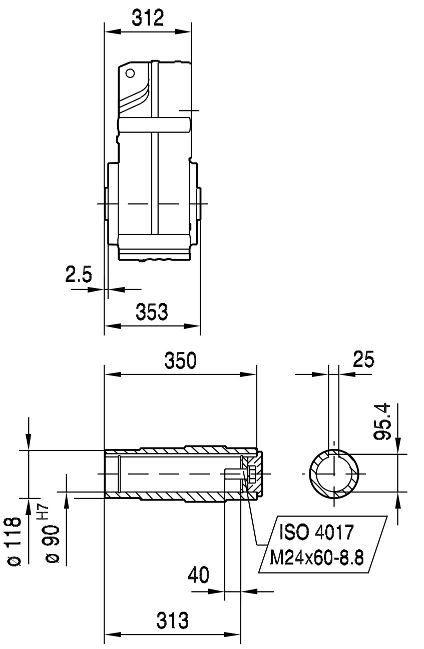
FA107..

42 171 00 08





FA107..



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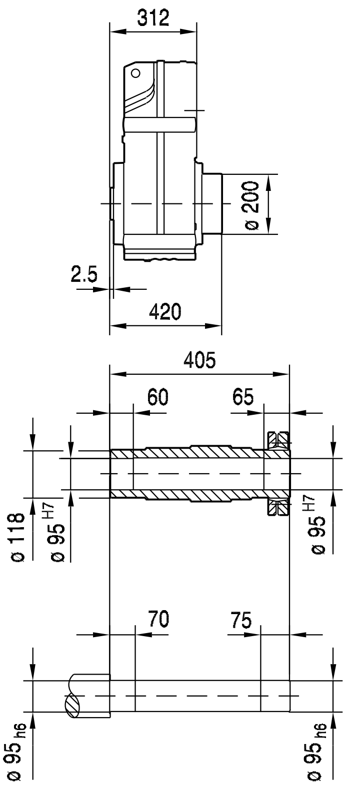
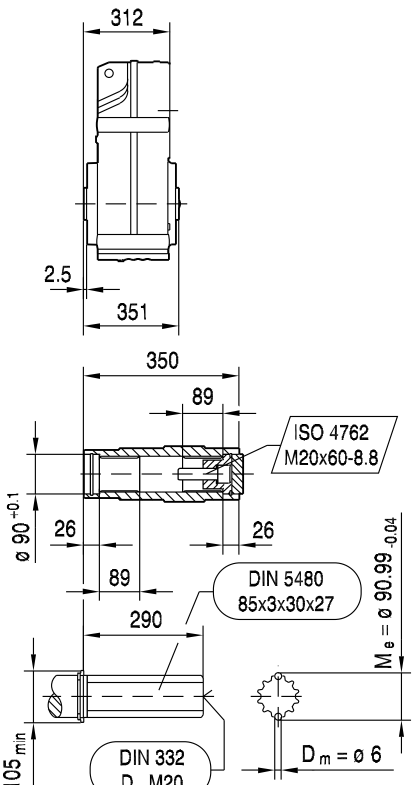
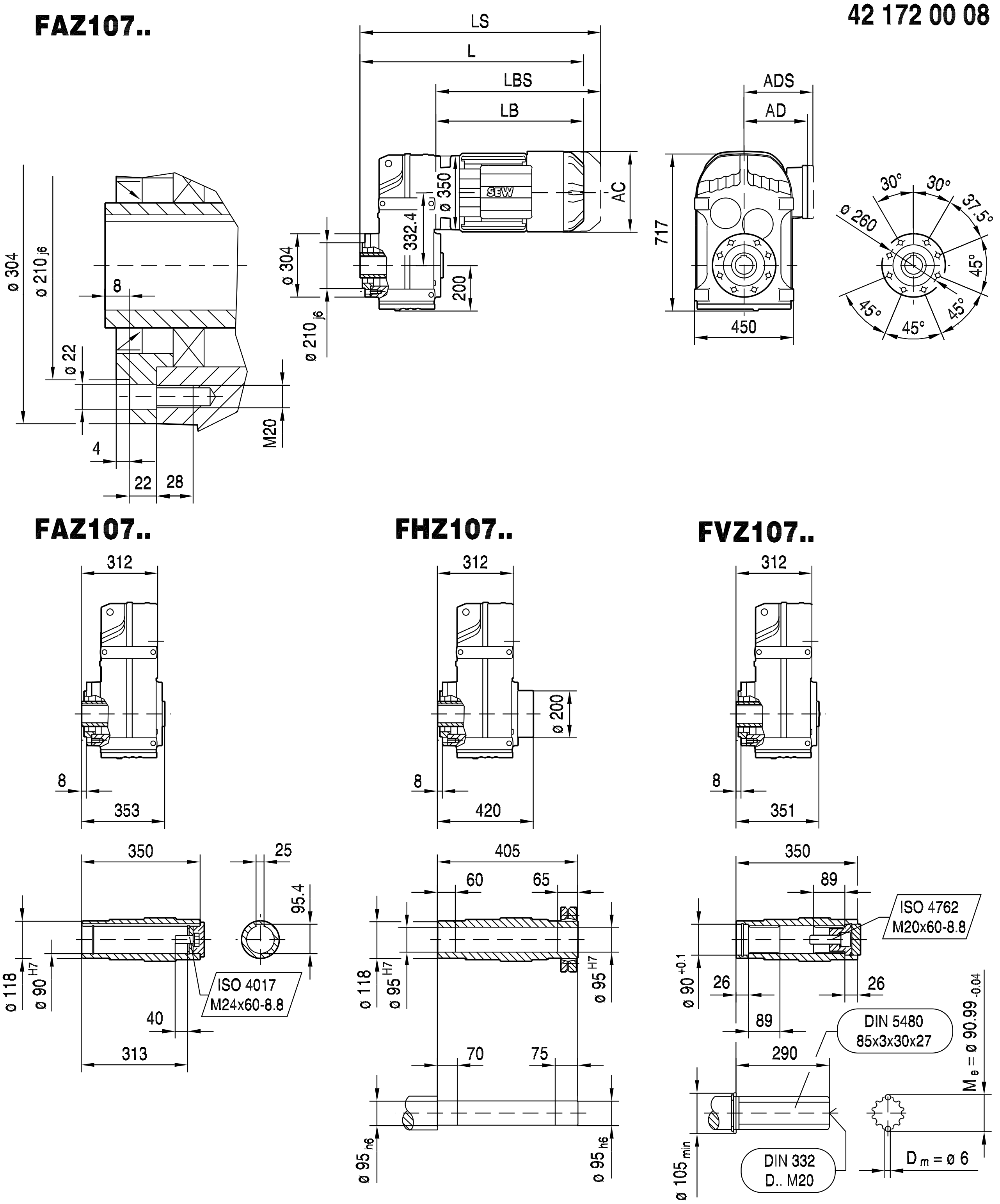


FV107..



(→ 📖 129)	DRL90L	DRL100L	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC
AC	179	197	221	221	270	316	316	394	394
AD	140	157	170	170	228	253	253	283	283
ADS	150	158	172	172	228	253	253	283	283
L	660	719	800	850	854	923	983	1056	1106
LS	746	806	908	958	991	1112	1172	1261	1311
LB	348	407	488	538	542	611	671	744	794
LBS	434	494	596	646	679	800	860	949	999

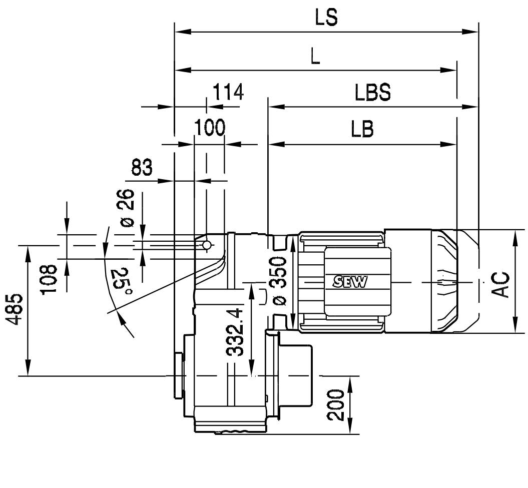
42 172 00 08

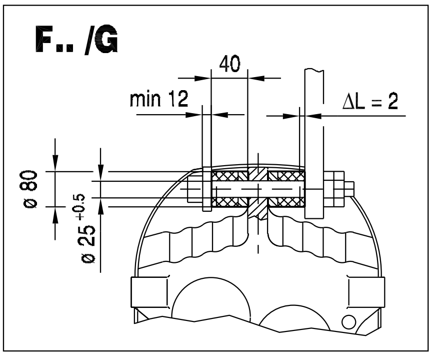


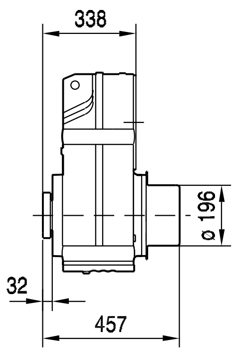
(→ 129)	DRL90L	DRL100L	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC
AC	179	197	221	221	270	316	316	394	394
AD	140	157	170	170	228	253	253	283	283
ADS	150	158	172	172	228	253	253	283	283
L	660	719	800	850	854	923	983	1056	1106
LS	746	806	908	958	991	1112	1172	1261	1311
LB	348	407	488	538	542	611	671	744	794
LBS	434	494	596	646	679	800	860	949	999

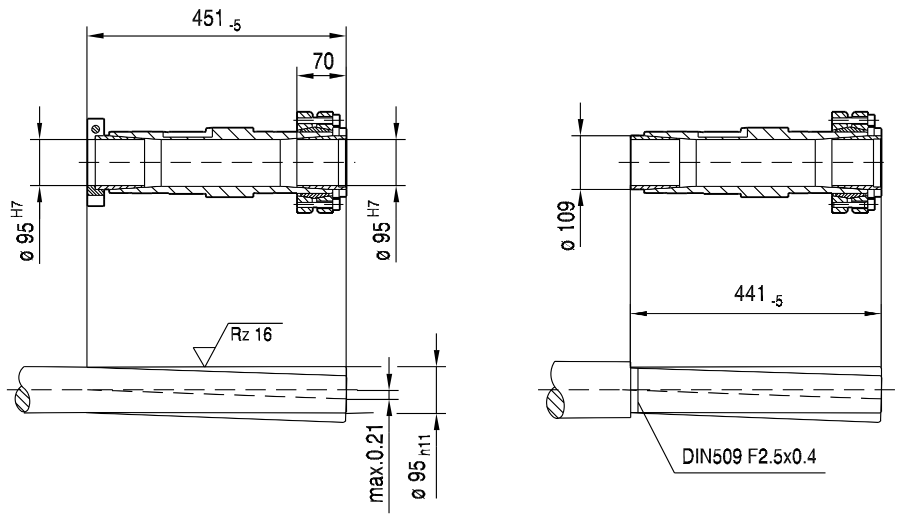
FT107..

42 173 00 08









(→ 📖 129)	DRL90L	DRL100L	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC
AC	179	197	221	221	270	316	316	394	394
AD	140	157	170	170	228	253	253	283	283
ADS	150	158	172	172	228	253	253	283	283
L	686	745	826	876	880	949	1009	1082	1132
LS	772	832	934	984	1017	1138	1198	1287	1337
LB	348	407	488	538	542	611	671	744	794
LBS	434	494	596	646	679	800	860	949	999

Diese Seite bleibt aus drucktechnischen Gründen frei.

9.2.10 F 127

M_{aDyn} Nm	i	DRL 132S D1	132S D2	132MC D1	132MC D2	160M D1	160M D2	160MC D1	160MC D2	180S D1	180S D2	180M D1	180M D2	180L D1	180L D2
FA127 2	4.68										1720		1950		2360
	5.52				1070		1490		1710	1120	2030	1330	2300	1710	2780
	6.80		980	850	1310	1080	1840	1220	2110	1380	2500	1640	2830	2110	3420
	7.88	610	1140	990	1520	1260	2140	1410	2440	1600	2900	1910	3280	2440	3970
	8.86	685	1280	1110	1710	1410	2400	1580	2750	1800	3260	2140	3690	2750	4460
	10.19				1970		2760		3160	2070	3750	2470	4250	3160	5130
	12.54		1820	1580	2430	2000	3400	2250	3890	2550	4620	3040	5230	3890	6320
	14.55	1120	2110	1830	2820	2320	3950	2610	4510	2960	5360	3520	6060	4510	7330
	16.36	1260	2380	2060	3170	2610	4440	2930	5070	3330	6030	3960	6820	5070	8250
	18.87	1460	2740	2370	3660	3020	5120	3380	5850	3840	6950	4570	7870	5850	9510
	21.38	1650	3110	2690	4140	3420	5800	3830	6630	4350	7880	5180	8910	6630	10700
	24.57	1900	3570	3090	4760	3930	6670	4400	7620	5000	9050	5950	10200	7620	12300
	26.86	2080	3900	3380	5210	4290	7290	4820	8330	5470	9900	6510	11200	8330	>12600
FA127 3	25.30				4850		6800		7770	5100	9220	6070	10400	7770	12600
	31.33		4510	3900	6010	4960	8420	5560	9620	6310	11400	7510	>12900	9620	>12900
	37.28	2860	5360	4650	7150	5900	10000	6620	11400	7510	>12900	8940	>12900	11400	>12900
	42.15	3230	6060	5260	8090	6670	11300	7480	>12900	8490	>12900	10100	>12900	>12900	>12900
	48.80	3740	7020	6090	9360	7720	>12900	8660	>12900	9830	>12900	11700	>12900	>12900	>12900
	55.31	4240	7960	6900	10600	8760	>12900	9820	>12900	11100	>12900	>12900	>12900	>12900	>12900
	63.91	4900	9200	7970	12200	10100	>12900	11300	>12900	12800	>12900	>12900	>12900	>12900	>12900
	70.07	5380	10000	8740	>12900	11000	>12900	12400	>12900	>12900	>12900	>12900	>12900	>12900	>12900
	75.41	5730	10700	9310	>13000	11800	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000
	87.31	6630	12400	10700	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000
	98.95	7520	>13000	12200	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000
	114.34	8680	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000
	125.37	9520	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000
	153.67	11600	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000		>13000		>13000	
	170.83	12900	>13000	>13000		>13000		>13000							

→ 124

m kg	s	DRL 132S	160M	132MC	160MC	180S	180M	180L
FA127	2	415	445	430	450	475	495	500
FA127	3	425	455	440	460	490	510	520
FAF: + 37.4 kg / F: + 36.5 kg / FF: + 81.1 kg								

M_{aDyn} Nm		DRL							
	i	**180LC**		**200L**		**225S**		**225MC**	
		D1	**D2**	**D1**	**D2**	**D1**	**D2**	**D1**	**D2**
FA127 2	4.68	1900	2720	2150	3080	2360	3490	3490	4990
	5.52	2240	3210	2540	3640	2780	4120	4120	5880
	6.80	2770	3950	3130	4480	3420	5070	5070	7250
	7.88	3210	4580	3630	5190	3970	5880	5880	8400
	8.86	3600	5150	4080	5840	4460	6610	6610	9450
	10.19	4150	5930	4690	6720	5130	7610	7610	10800
	12.54	5100	7290	5770	8270	6320	9360	9360	>13000
	14.55	5920	8460	6700	9590	7330	10800	10800	>13000
	16.36	6660	9520	7530	10700	8250	12200	12200	>13000
	18.87	7680	10900	8690	12400	9510	>13000	>13000	
	21.38	8710	12400	9850	>13000	10700	>13000	>13000	
	24.57	10000		11300		12300			
	26.86	10900		12300		>12600			
FA127 3	25.30	10200	>12900	11500	>12900	12600	>12900	>12900	>12900
	31.33	12600	>12900	>12900	>12900	>12900	>12900	>12900	>12900
	37.28	>12900	>12900	>12900	>12900	>12900	>12900	>12900	>12900
	42.15	>12900	>12900	>12900	>12900	>12900	>12900	>12900	>12900
	48.80	>12900	>12900	>12900	>12900	>12900	>12900	>12900	
	55.31	>12900	>12900	>12900	>12900	>12900	>12900	>12900	
	63.91	>12900		>12900		>12900			
	70.07	>12900		>12900		>12900			
	75.41	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000
	87.31	>13000	>13000	>13000	>13000	>13000	>13000	>13000	
	98.95	>13000	>13000	>13000	>13000	>13000	>13000	>13000	
	114.34	>13000		>13000		>13000			
	125.37	>13000		>13000		>13000			
	153.67								
	170.83								

→ 124

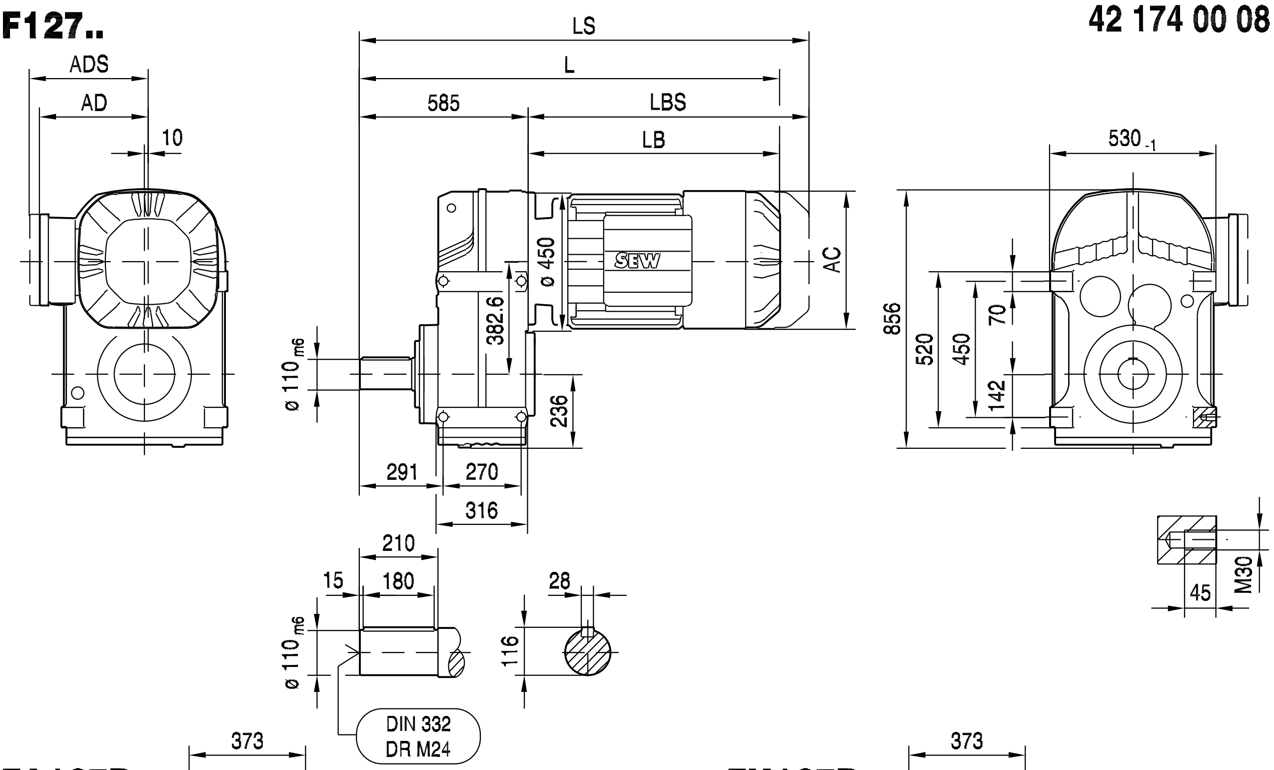
m kg		DRL			
	s	**180LC**	**200L**	**225S**	**225MC**
FA127	2	520	610	640	680
FA127	3	530	620	650	700
FAF: + 37.4 kg / F: + 36.5 kg / FF: + 81.1 kg					

DRL..	i	n_{epk} 1/min	η %	c_{TG} FA Nm/'	FAF Nm/'	F Nm/'	FF Nm/'	φ /R '
FA127 2	4.68	2518	97	1988	1988	1174	1092	7
	5.52	2797	97	1988	1988	1174	1092	7
	6.80	3197	97	1988	1988	1174	1092	7
	7.88	3597	97	1988	1988	1174	1092	6
	8.86	3924	97	1988	1988	1174	1092	6
	10.19	4500	97	2523	2523	1342	1236	5
	12.54	4500	97	2523	2523	1342	1236	5
	14.55	4500	97	2523	2523	1342	1236	5
	16.36	4500	97	2523	2523	1342	1236	5
	18.87	4500	97	2523	2523	1342	1236	5
	21.38	4500	97	2523	2523	1342	1236	5
	24.57	4500	97	2523	2523	1342	1236	5
	26.86	4500	97	2523	2523	1342	1236	5
FA127 3	25.30	4500	96	2861	2861	1432	1312	5
	31.33	4500	96	2861	2861	1432	1312	5
	37.28	3597	96	2861	2861	1432	1312	5
	42.15	3924	96	2861	2861	1432	1312	5
	48.80	4378	96	2861	2861	1432	1312	5
	55.31	4500	96	2861	2861	1432	1312	5
	63.91	4500	96	2861	2861	1432	1312	5
	70.07	4500	96	2861	2861	1432	1312	5
	75.41	3924	95	2898	2898	1442	1320	5
	87.31	4378	95	2898	2898	1442	1320	5
	98.95	4500	95	2898	2898	1442	1320	5
	114.34	4500	95	2898	2898	1442	1320	5
	125.37	4500	95	2898	2898	1442	1320	5
	153.67	4500	95	2898	2898	1442	1320	5
	170.83	4500	95	2898	2898	1442	1320	5

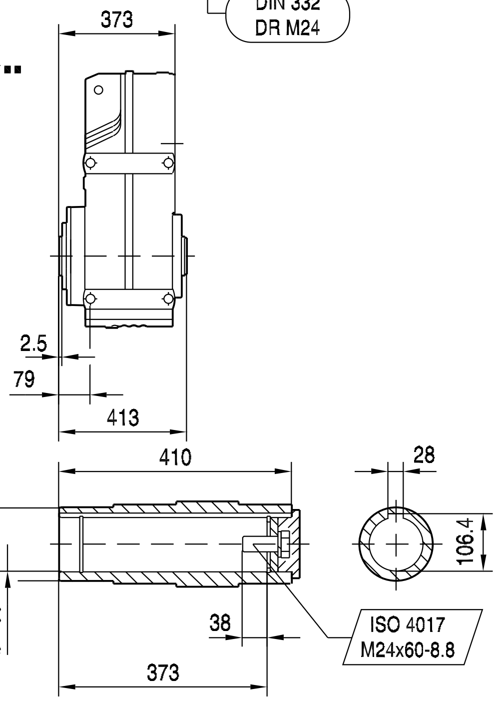
DRL..							F_{Ramax}				F_{Rapk}			
n_e = 1400	i	M_{amax} Nm	M_{apk} Nm	$M_{aNotaus}$ Nm	n_{ak} 1/min	J_G 10^{-4} kgm^2	FA N	FAF N	F N	FF N	FA N	FAF N	F N	FF N
FA127 2	4.68	6000	9000	10200	299	971	5630	50000	29500	34700	90000	90000	90000	90000
	5.52	6000	9000	10200	344	733	7110	53500	31700	37100	90000	90000	90000	90000
	6.80	7000	9890	11900	235	524	5670	55000	32200	38100	90000	90000	90000	90000
	7.88	6000	9000	10200	419	400	10600	61800	37000	42800	90000	90000	90000	90000
	8.86	7000	9910	11900	271	329	8410	61400	36400	42600	90000	90000	90000	90000
	10.19	9500	13000	16150	157	483	1090	58900	30900	36300	90000	90000	88500	90000
	12.54	10000	13000	17000	120	359	2670	63000	33300	39100	90000	90000	88500	90000
	14.55	11000	13000	18700	96	278	475	64200	32600	38500	90000	90000	88500	90000
	16.36	11000	13000	18700	86	232	3190	67700	35400	41600	90000	90000	88500	90000
	18.87	11000	13000	18700	79	185	6620	72100	38800	45500	90000	90000	88500	90000
	21.38	12000	13000	20400	65	152	4380	73100	38000	44800	90000	90000	88500	90000
	24.57	8500	12750	14450	187	124	18400	88300	53300	61300	90000	90000	89000	90000
	26.86	8500	12600	14450	186	108	19800	90000	55300	63500	90000	90000	89300	90000
FA127 3	25.30	12000	12900	20400	59	284	7720	78800	42400	49800	90000	90000	88700	90000
	31.33	12000	12900	20400	61	212	11100	86400	48300	56300	90000	90000	88700	90000
	37.28	12000	12900	20400	62	166	14000	90000	53200	61900	90000	90000	88700	90000
	42.15	12000	12900	20400	62	140	16200	90000	56800	66000	90000	90000	88700	90000
	48.80	12000	12900	20400	61	113	18900	90000	61300	71000	90000	90000	88700	90000
	55.31	12000	12900	20400	61	93	21400	90000	65200	75500	90000	90000	88700	90000
	63.91	12000	12900	20400	61	77	24300	90000	69400	80300	90000	90000	88700	90000
	70.07	12000	12900	20400	61	67	26300	90000	72100	83200	90000	90000	88700	90000
	75.41	12000	13000	20400	60	119	27900	90000	74300	85600	90000	90000	88500	90000
	87.31	12000	13000	20400	60	98	31200	90000	79000	90000	90000	90000	88500	90000
	98.95	12000	13000	20400	61	82	34100	90000	83000	90000	90000	90000	88500	90000
	114.34	12000	13000	20400	61	68	37700	90000	88000	90000	90000	90000	88500	90000
	125.37	12000	13000	20400	56	60	40000	90000	90000	90000	90000	90000	88500	90000
	153.67	12000	13000	20400	46	39	45500	90000	90000	90000	90000	90000	88500	90000
	170.83	12000	13000	20400	41	34	48500	90000	90000	90000	90000	90000	88500	90000

F127..

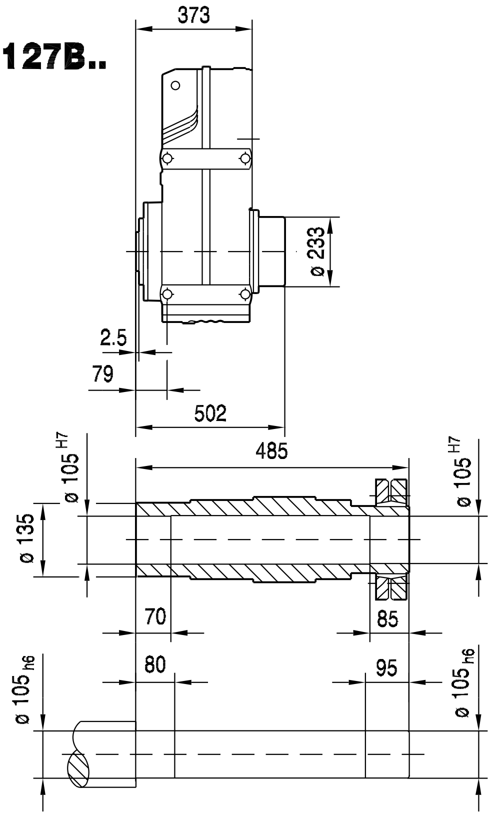
42 174 00 08



FA127B..

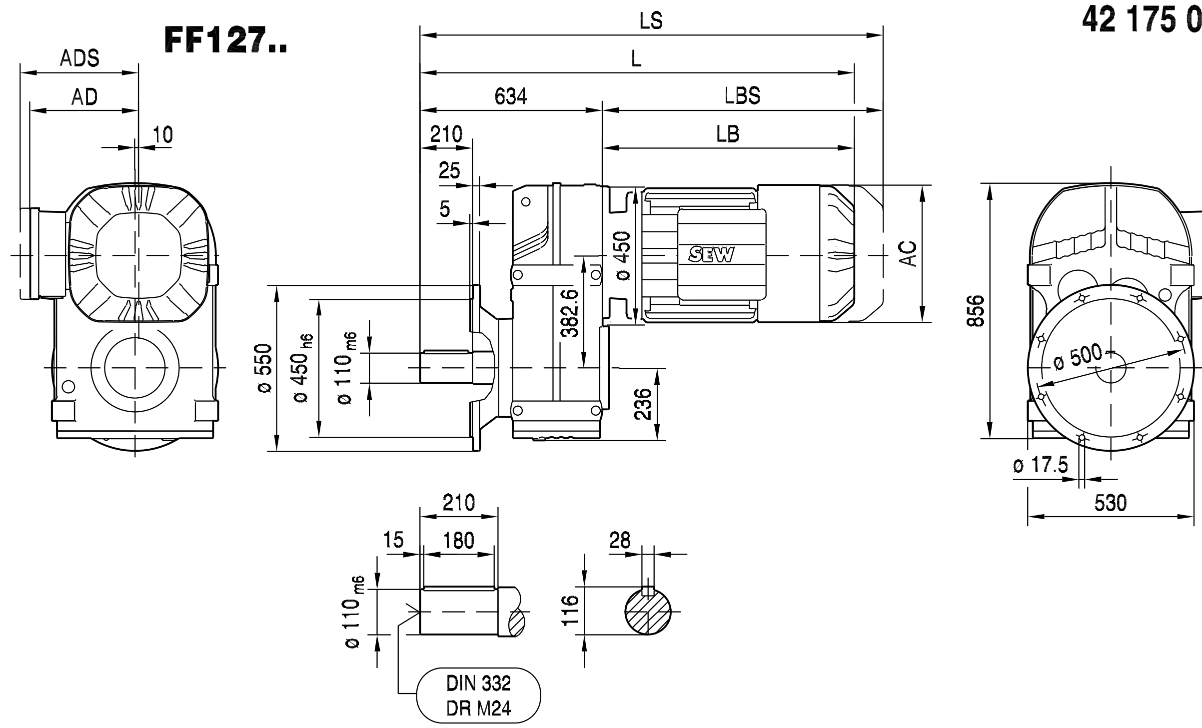


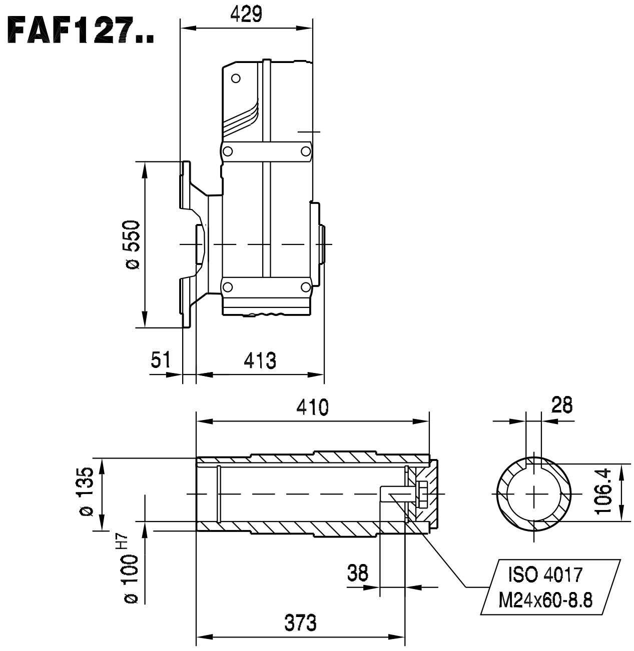
FH127B..

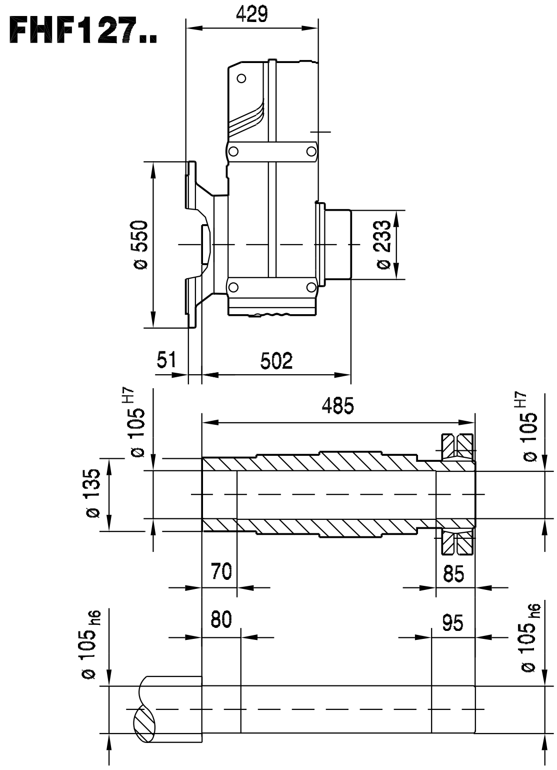


(→ 📖 129)	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC	
AC	221	221	270	316	316	394	394	
AD	170	170	228	253	253	283	283	
ADS	172	172	228	253	253	283	283	
L	1058	1108	1112	1181	1241	1314	1364	
LS	1166	1216	1249	1370	1430	1519	1569	
LB	473	523	527	596	656	729	779	
LBS	581	631	664	785	845	934	984	

42 175 00 08



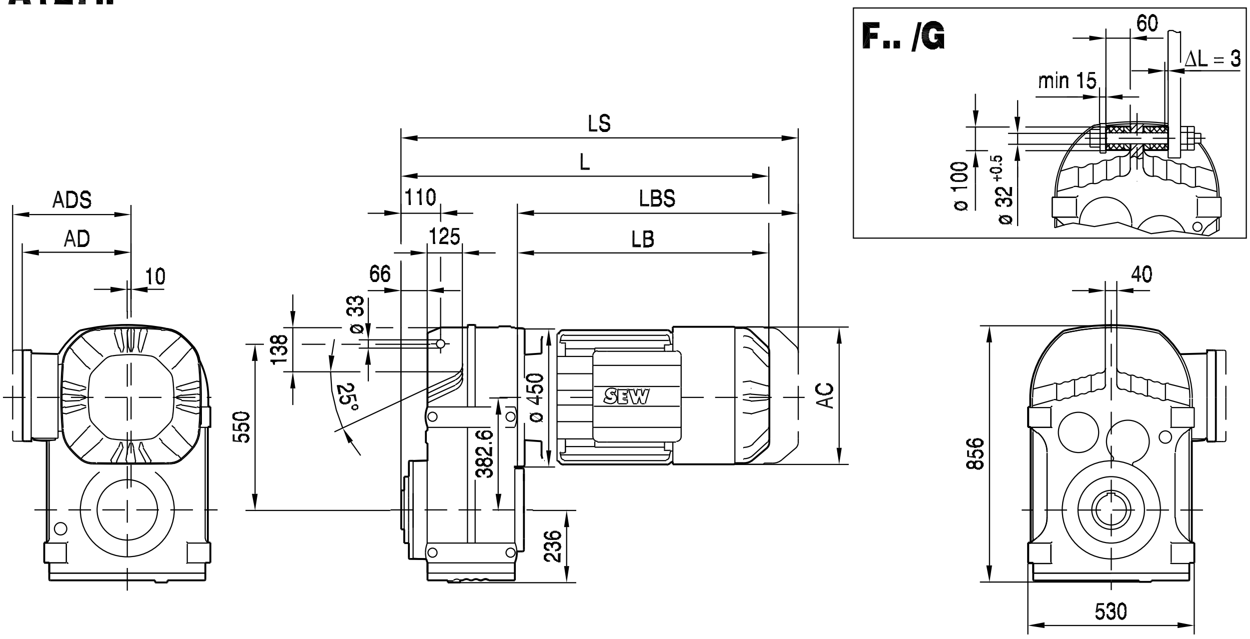




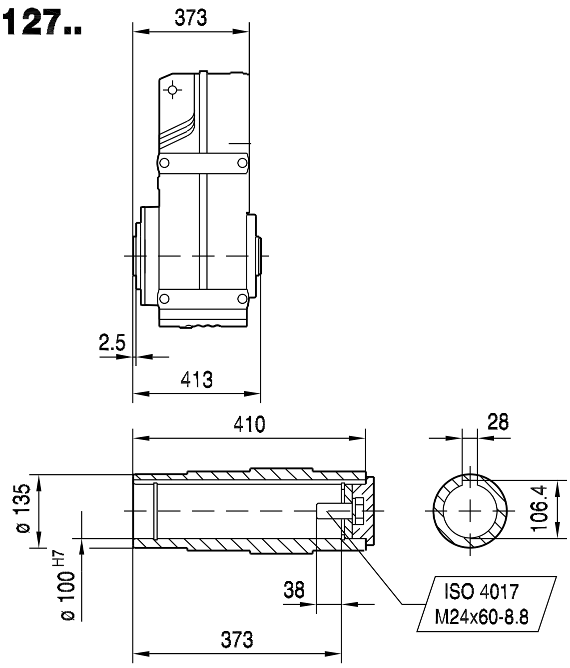
(→ 129)	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC	
AC	221	221	270	316	316	394	394	
AD	170	170	228	253	253	283	283	
ADS	172	172	228	253	253	283	283	
L	1107	1157	1161	1230	1290	1363	1413	
LS	1215	1265	1298	1419	1479	1568	1618	
LB	473	523	527	596	656	729	779	
LBS	581	631	664	785	845	934	984	

FA127..

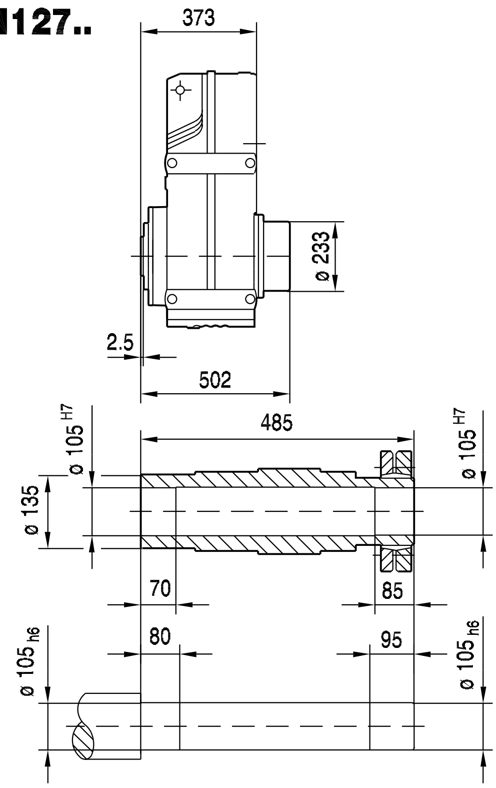
42 176 00 08



FA127..



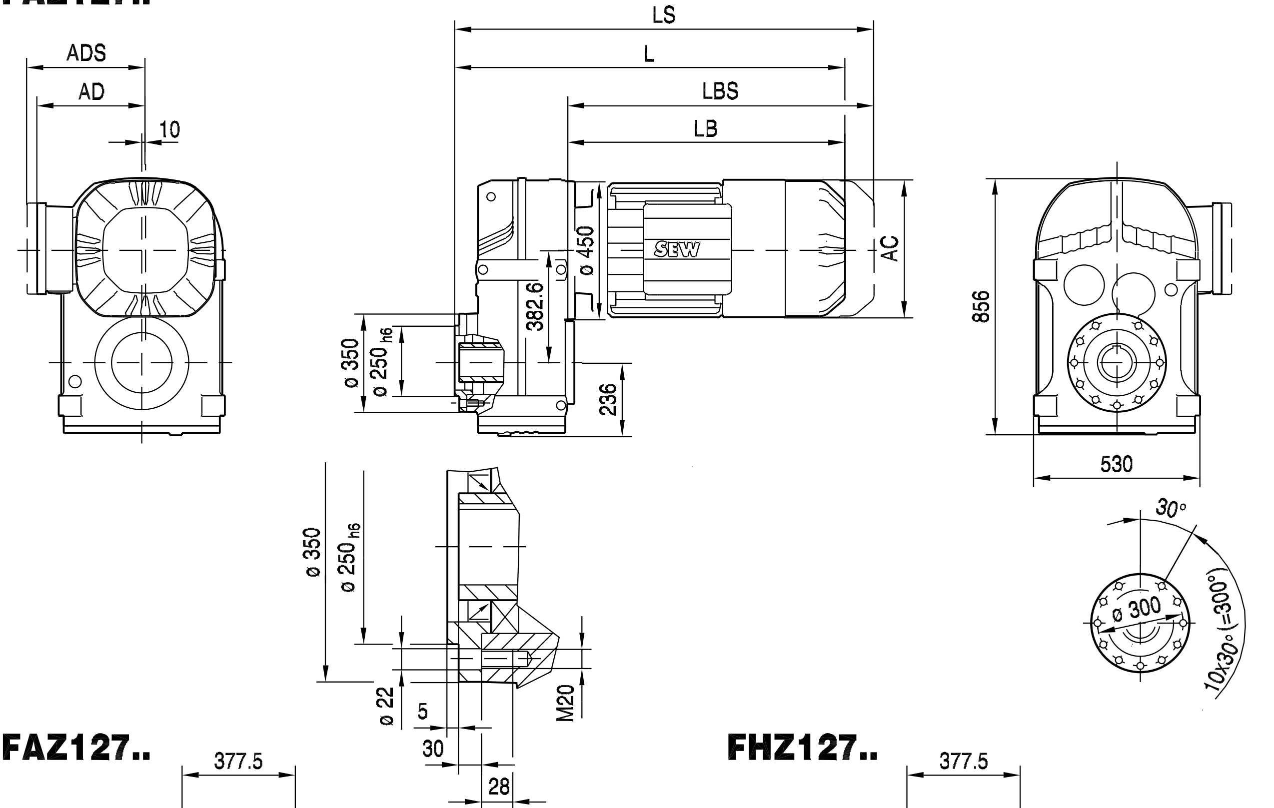
FH127..



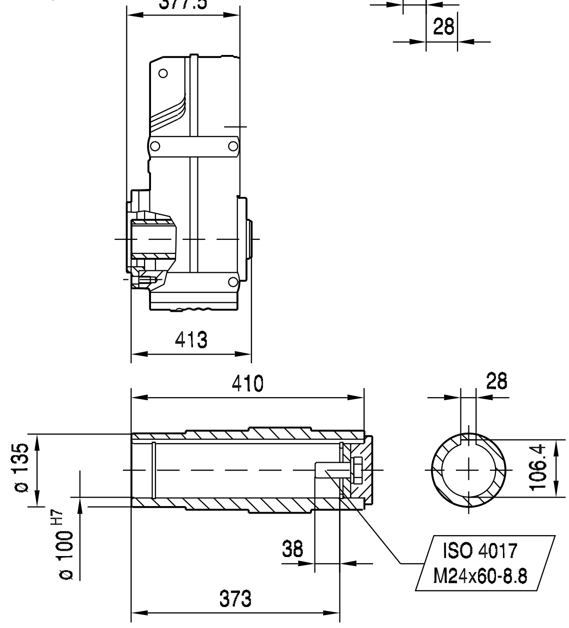
(→ 📖 129)	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC	
AC	221	221	270	316	316	394	394	
AD	170	170	228	253	253	283	283	
ADS	172	172	228	253	253	283	283	
L	846	896	900	969	1029	1102	1152	
LS	954	1004	1037	1158	1218	1307	1357	
LB	473	523	527	596	656	729	779	
LBS	581	631	664	785	845	934	984	

FAZ127..

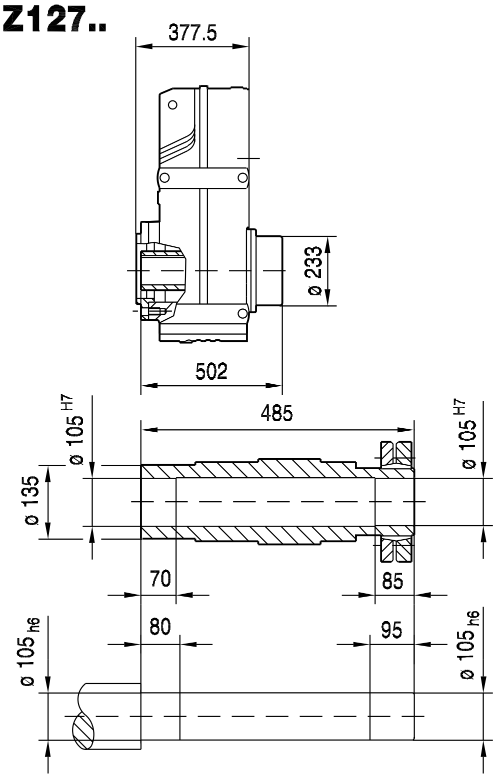
42 177 00 08



FAZ127..



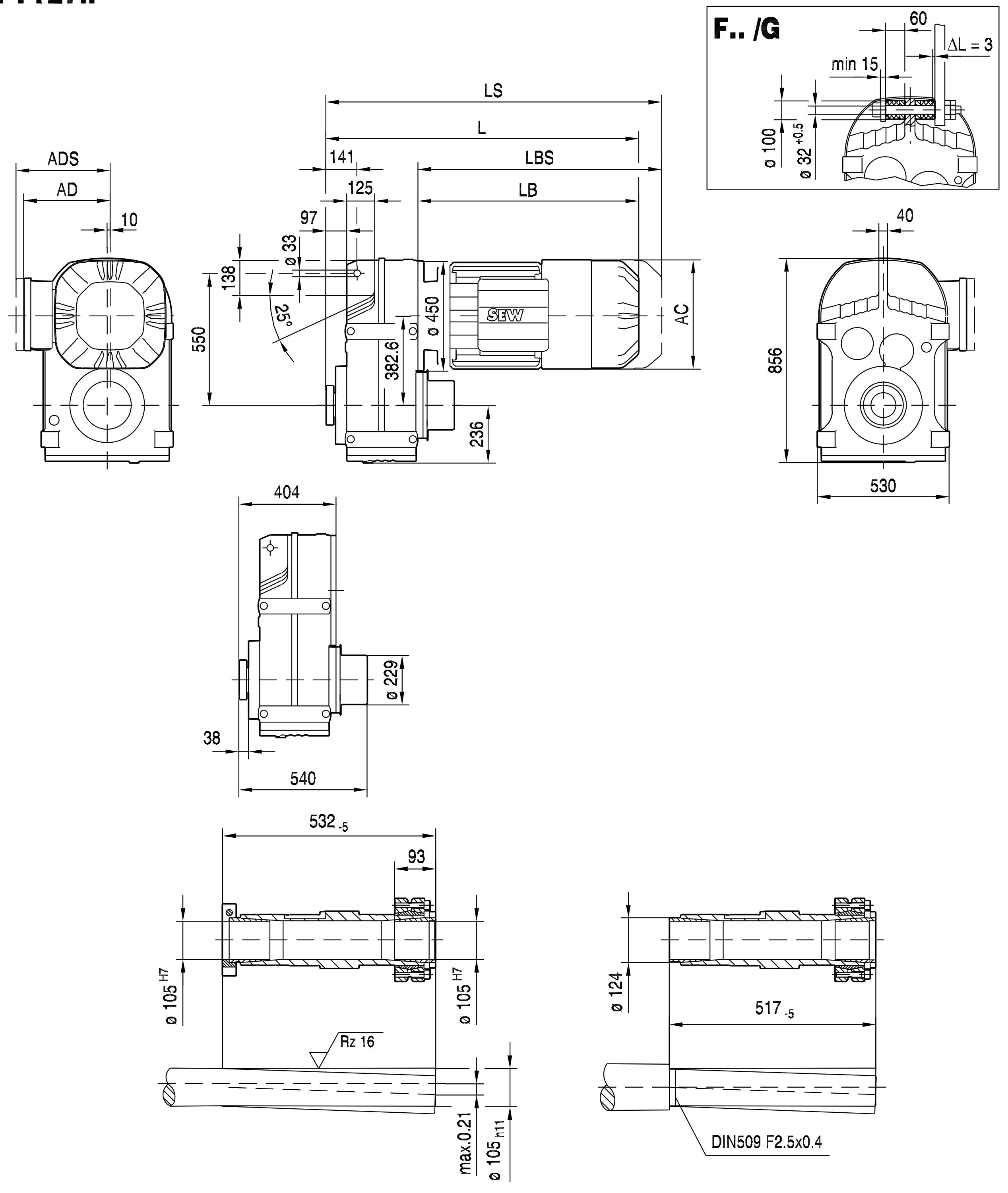
FHZ127..



(→ 📖 129)	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC	
AC	221	221	270	316	316	394	394	
AD	170	170	228	253	253	283	283	
ADS	172	172	228	253	253	283	283	
L	851	901	904	973	1033	1106	1156	
LS	958	1008	1041	1162	1222	1311	1361	
LB	473	523	527	596	656	729	779	
LBS	581	631	664	785	845	934	984	

FT127..

42 178 00 08



(→ 129)	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC	
AC	221	221	270	316	316	394	394	
AD	170	170	228	253	253	283	283	
ADS	172	172	228	253	253	283	283	
L	877	927	931	1000	1060	1133	1183	
LS	985	1035	1068	1189	1249	1338	1388	
LB	473	523	527	596	656	729	779	
LBS	581	631	664	785	845	934	984	

Diese Seite bleibt aus drucktechnischen Gründen frei.

9.2.11 F 157

M_{aDyn} Nm	i	DRL 160M D1	DRL 160M D2	DRL 160MC D1	DRL 160MC D2	DRL 180S D1	DRL 180S D2	DRL 180M D1	DRL 180M D2	DRL 180L D1	DRL 180L D2
FA157 2	11.92						4390		4970		6010
	13.96		3790		4330	2840	5140	3380	5820	4330	7040
	16.85	2690	4570	3020	5230	3430	6210	4080	7020	5230	8490
	19.77	3160	5360	3540	6130	4020	7280	4790	8240	6130	9970
	22.16	3540	6010	3970	6870	4510	8160	5370	9240	6870	11100
	25.43	4070	6900	4560	7890	5180	9370	6160	10600	7890	12800
	28.60	4570	7760	5130	8870	5820	10500	6930	11900	8870	14400
	35.75	5720	9700	6410	11000	7280	13100	8660	14900	11000	>16500
	43.94	7030	11900	7880	13600	8950		10600		13600	
	53.55	8570		9600							
FA157 3	27.60						10000		11300		13700
	32.55		8740		9990	6560	11800	7810	13400	9990	16200
	40.06	6340	10700	7110	12300	8070	14600	9610	16500	12300	>18000
	46.48	7360	12400	8250	14200	9370	16900	11100	>18000	14200	>18000
	52.24	8270	14000	9270	16000	10500	>18000	12500	>18000	16000	>18000
	60.25	9540	16100	10700	>18000	12100	>18000	14400	>18000	>18000	>18000
	68.28	10800	>18000	12100	>18000	13700	>18000	16300	>18000	>18000	>18000
	78.46	12400	>18000	13900	>18000	15800	>18000	>18000	>18000	>18000	>18000
	85.80	13500	>18000	15200	>18000	17200	>18000	>18000	>18000	>18000	>18000
	96.53	15100	>18000	16900	>18000	>18000	>18000	>18000	>18000	>18000	>18000
	108.49	17000	>18000	>18000	>18000	>18000	>18000	>18000	>18000	>18000	>18000
	125.14	>18000	>18000	>18000	>18000	>18000	>18000	>18000	>18000	>18000	>18000
	141.80	>18000	>18000	>18000	>18000	>18000	>18000	>18000	>18000	>18000	>18000
	162.96	>18000	>18000	>18000	>18000	>18000	>18000	>18000	>18000	>18000	>18000
	178.20	>18000	>18000	>18000	>18000	>18000	>18000	>18000	>18000	>18000	>18000
	217.62	>18000	>18000	>18000	>18000	>18000		>18000		>18000	
	267.43	>18000		>18000							

→ 124

m kg	s	DRL 160M	DRL 160MC	DRL 180S	DRL 180M	DRL 180L
FA157	2	710	710	740	750	760
FA157	3	710	720	740	760	770
FAF: + 58.6 kg / F: + 20.6 kg / FF: + 127.5 kg						

M_{aDyn} Nm		DRL							
	i	180LC		200L		225S		225MC	
		D1	D2	D1	D2	D1	D2	D1	D2
FA157 2	11.92	4850	6930	5490	7860	6010	8900	8900	12700
	13.96	5680	8120	6430	9200	7040	10400	10400	14800
	16.85	6860	9800	7760	11100	8490	12500	12500	17900
	19.77	8050	11500	9100	13000	9970	14700	14700	>18000
	22.16	9020	12800	10200	14600	11100	16500	16500	>18000
	25.43	10300	14800	11700	16700	12800	>18000	>18000	
	28.60	11600	16600	13100	>18000	14400	>18000	>18000	
	35.75	14500		16400		>16500			
	43.94								
	53.55								
FA157 3	27.60	11100	15800	12500	>18000	13700	>18000	>18000	>18000
	32.55	13100	>18000	14800	>18000	16200	>18000	>18000	>18000
	40.06	16100	>18000	>18000	>18000	>18000	>18000	>18000	>18000
	46.48	>18000	>18000	>18000	>18000	>18000	>18000	>18000	>18000
	52.24	>18000	>18000	>18000	>18000	>18000	>18000	>18000	>18000
	60.25	>18000	>18000	>18000	>18000	>18000	>18000	>18000	
	68.28	>18000	>18000	>18000	>18000	>18000	>18000	>18000	
	78.46	>18000		>18000		>18000			
	85.80	>18000		>18000		>18000			
	96.53	>18000	>18000	>18000	>18000	>18000	>18000	>18000	>18000
	108.49	>18000	>18000	>18000	>18000	>18000	>18000	>18000	>18000
	125.14	>18000	>18000	>18000	>18000	>18000	>18000	>18000	
	141.80	>18000	>18000	>18000	>18000	>18000	>18000	>18000	
	162.96	>18000		>18000		>18000			
	178.20	>18000		>18000		>18000			
	217.62								
	267.43								

→ 124

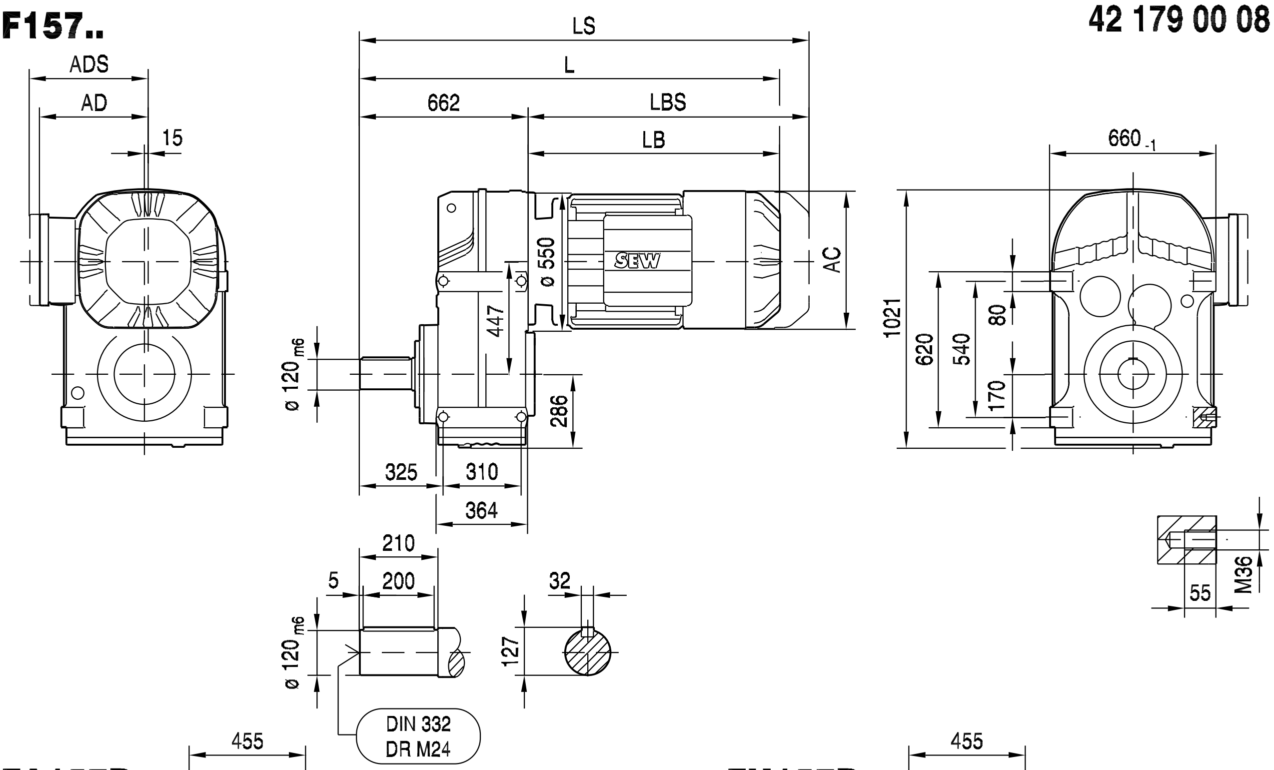
m kg		DRL			
	s	180LC	200L	225S	225MC
FA157	2	780	870	900	950
FA157	3	780	880	910	950
FAF: + 58.6 kg / F: + 20.6 kg / FF: + 127.5 kg					

DRL..	i	n_{epk} 1/min	η %	c_{TG} FA Nm/'	FAF Nm/'	F Nm/'	FF Nm/'	φ /R '
FA157 2	11.92	4500	97	3723	3723	1982	1790	5
	13.96	4500	97	3723	3723	1982	1790	5
	16.85	4500	97	3723	3723	1982	1790	5
	19.77	4500	97	3723	3723	1982	1790	4
	22.16	4500	97	3723	3723	1982	1790	4
	25.43	4500	97	3723	3723	1982	1790	4
	28.60	4500	97	3723	3723	1982	1790	4
	35.75	4500	97	3723	3723	1982	1790	4
	43.94	4500	97	3723	3723	1982	1790	4
	53.55	4500	97	3723	3723	1982	1790	4
FA157 3	27.60	4500	96	4368	4368	2151	1926	5
	32.55	2797	96	4368	4368	2151	1926	5
	40.06	3197	96	4368	4368	2151	1926	5
	46.48	3597	96	4368	4368	2151	1926	5
	52.24	3924	96	4368	4368	2151	1926	5
	60.25	4378	96	4368	4368	2151	1926	5
	68.28	4500	96	4368	4368	2151	1926	5
	78.46	4500	96	4368	4368	2151	1926	5
	85.80	4500	96	4368	4368	2151	1926	5
	96.53	3597	95	4471	4471	2176	1946	5
	108.49	3924	95	4471	4471	2176	1946	5
	125.14	4500	95	4471	4471	2176	1946	5
	141.80	4500	95	4471	4471	2176	1946	5
	162.96	4500	95	4471	4471	2176	1946	5
	178.20	4500	95	4471	4471	2176	1946	5
	217.62	4500	95	4471	4471	2176	1946	5
	267.43	4500	94	4471	4471	2176	1946	5

DRL.. n_e = 1400	i	M_{amax} Nm	M_{apk} Nm	$M_{aNotaus}$ Nm	n_{ak} 1/min	J_G 10^{-4} kgm^2	F_{Ramax} FA N	FAF N	F N	FF N	F_{Rapk} FA N	FAF N	F N	FF N
FA157 2	11.92	16000	18000	27200	151	781	51400	51400	40900	47800	120000	120000	100300	100300
	13.96	17000	18000	28900	115	605	53400	53400	42500	49700	120000	120000	100300	100300
	16.85	18000	18000	30600	89	445	56400	56400	44900	52600	120000	120000	100300	100300
	19.77	17000	18000	28900	106	339	63900	63900	50900	58500	120000	120000	100300	100300
	22.16	18000	18000	30600	86	285	65100	65100	51800	59800	120000	120000	100300	100300
	25.43	15000	18000	25500	157	228	77100	77100	61500	69000	120000	120000	100300	100300
	28.60	17000	18000	28900	101	188	76300	76300	60800	68900	120000	120000	100300	100300
	35.75	11000	16500	18700	196	133	99300	99300	79300	86400	120000	120000	104400	104400
	43.94	10000	14800	17000	159	88	109900	109900	87800	95000	120000	120000	108600	108600
	53.55	8000	12000	13600	131	63	120000	120000	98400	105400	120000	120000	114100	114100
FA157 3	27.60	18000	18000	30600	94	536	72600	72600	57800	66100	120000	120000	100300	100300
	32.55	18000	18000	30600	92	420	78500	78500	62500	71000	120000	120000	100300	100300
	40.06	18000	18000	30600	92	317	86400	86400	68900	77700	120000	120000	100300	100300
	46.48	18000	18000	30600	93	247	92400	92400	73600	82700	120000	120000	100300	100300
	52.24	18000	18000	30600	94	207	97200	97200	77500	86700	120000	120000	100300	100300
	60.25	18000	18000	30600	93	166	103400	103400	82500	91900	120000	120000	100300	100300
	68.28	18000	18000	30600	94	138	109100	109100	87000	96700	120000	120000	100300	100300
	78.46	18000	18000	30600	89	114	115700	115700	92300	100300	120000	120000	100300	100300
	85.80	18000	18000	30600	82	99	120000	120000	95800	100300	120000	120000	100300	100300
	96.53	18000	18000	30600	73	202	120000	120000	100300	100300	120000	120000	100300	100300
	108.49	18000	18000	30600	65	172	120000	120000	100300	100300	120000	120000	100300	100300
	125.14	18000	18000	30600	56	142	120000	120000	100300	100300	120000	120000	100300	100300
	141.80	18000	18000	30600	49	120	120000	120000	100300	100300	120000	120000	100300	100300
	162.96	18000	18000	30600	43	100	120000	120000	100300	100300	120000	120000	100300	100300
	178.20	18000	18000	30600	39	88	120000	120000	100300	100300	120000	120000	100300	100300
	217.62	18000	18000	30600	32	57	120000	120000	100300	100300	120000	120000	100300	100300
	267.43	18000	18000	30600	26	42	120000	120000	100300	100300	120000	120000	100300	100300

F157..

42 179 00 08



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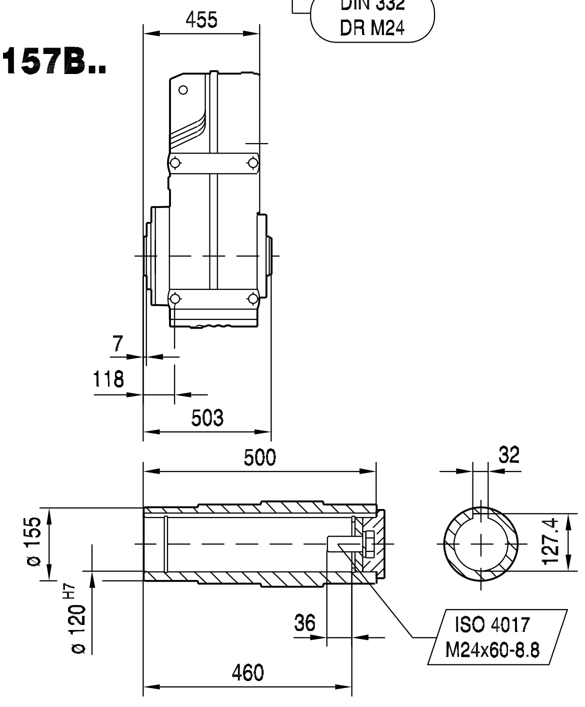
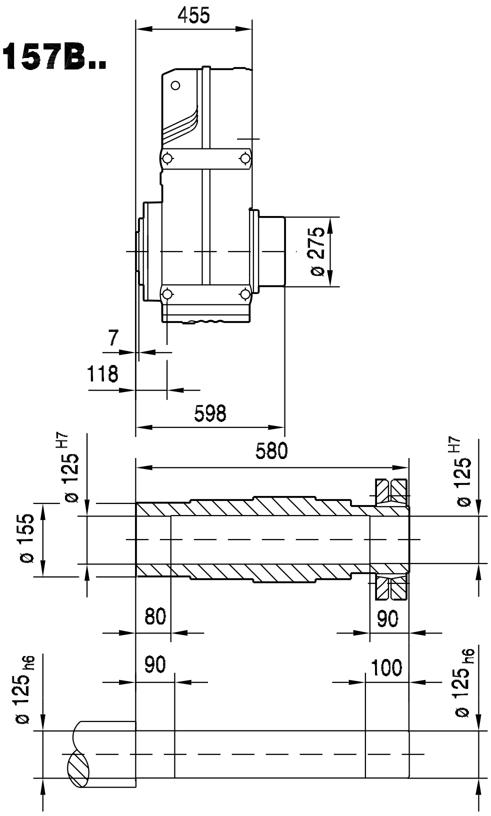
FA157B..



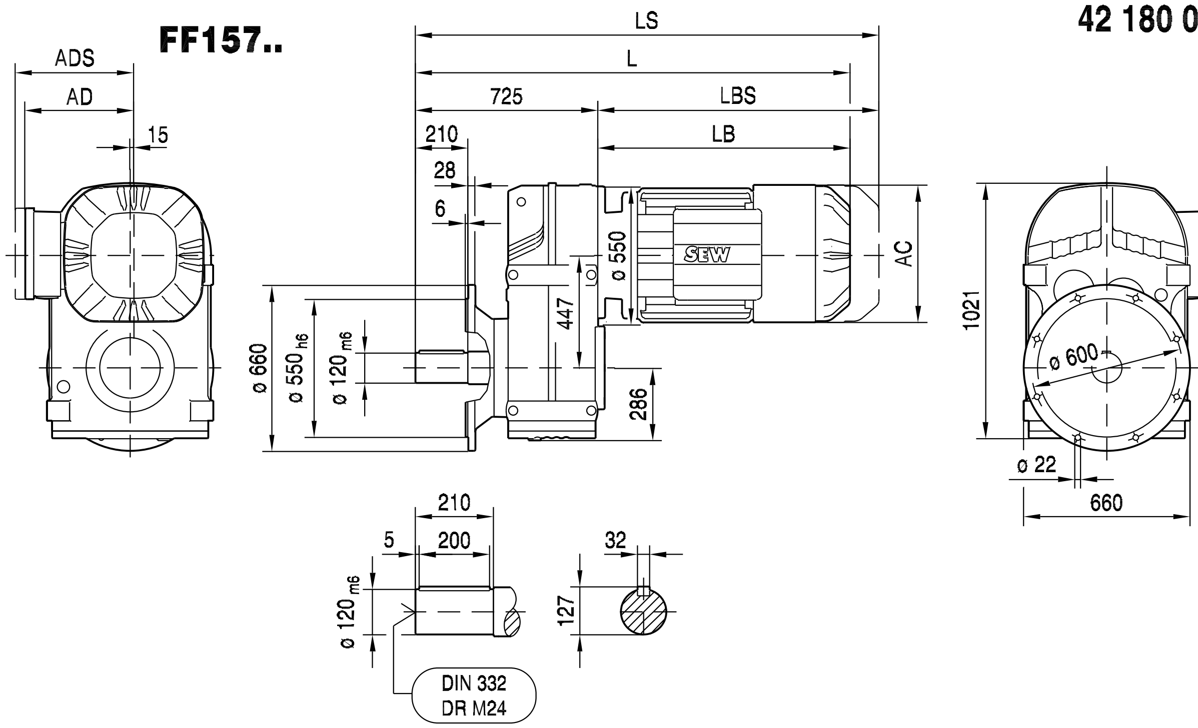
FH157B..



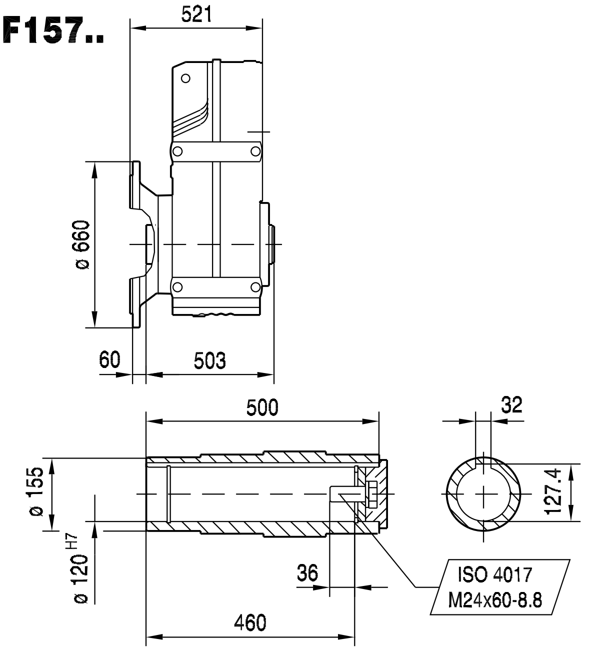
(→ 📖 129)	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC			
AC	270	316	316	394	394			
AD	228	253	253	283	283			
ADS	228	253	253	283	283			
L	1181	1250	1310	1383	1433			
LS	1318	1439	1499	1588	1638			
LB	519	588	648	721	771			
LBS	656	777	837	926	976			

42 180 00 08

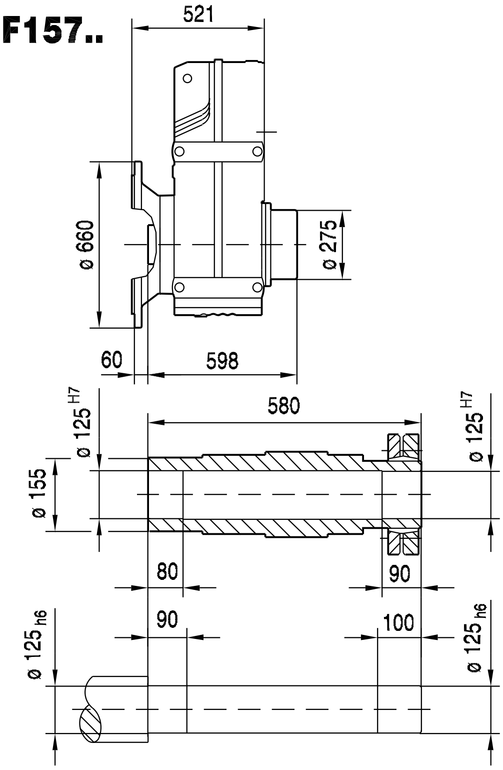
FF157..



FAF157..



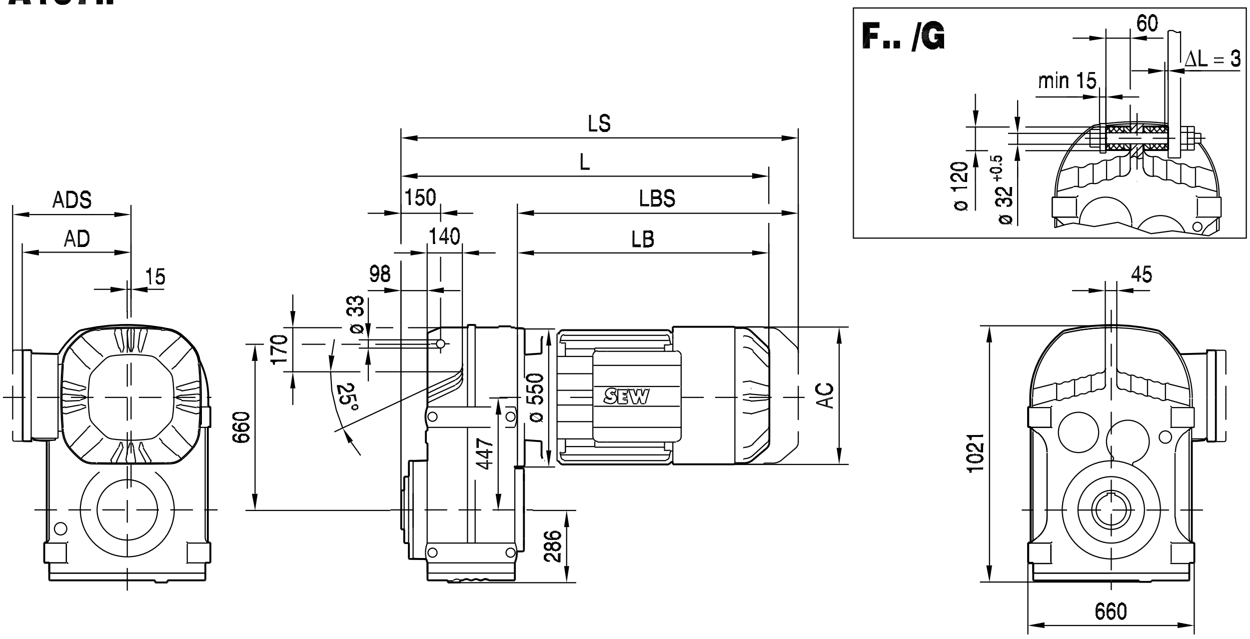
FHF157..



(→ 129)	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC			
AC	270	316	316	394	394			
AD	228	253	253	283	283			
ADS	228	253	253	283	283			
L	1244	1313	1373	1446	1496			
LS	1381	1502	1562	1651	1701			
LB	519	588	648	721	771			
LBS	656	777	837	926	976			

FA157..

42 181 00 08



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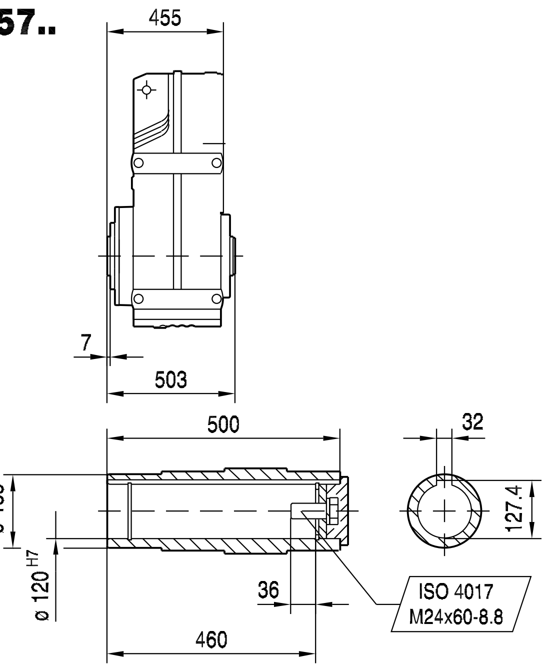
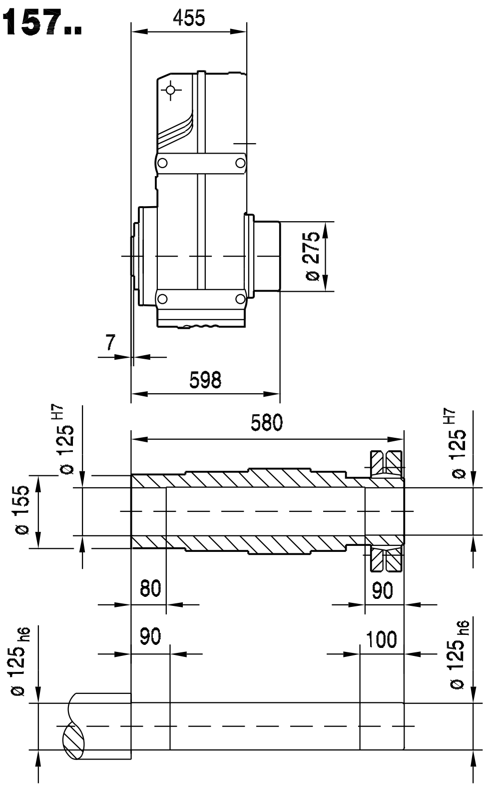
FA157..



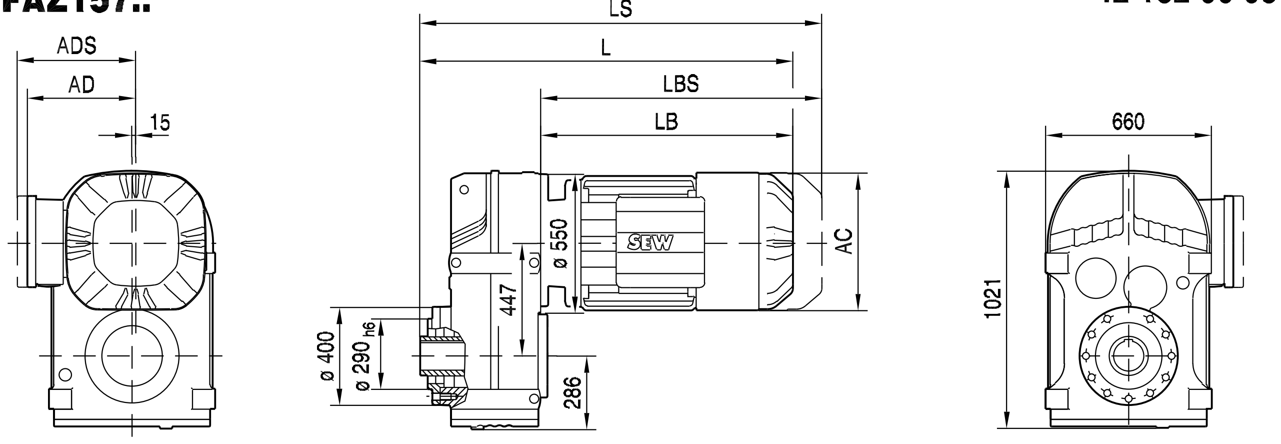
FH157..

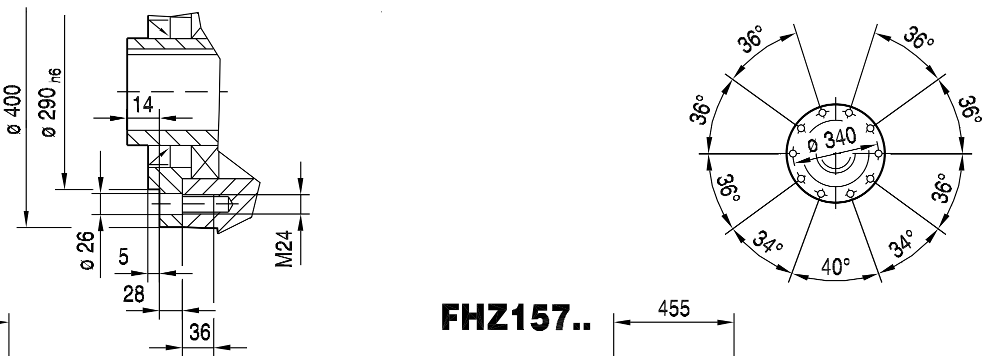


(→ 📖 129)	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC			
AC	270	316	316	394	394			
AD	228	253	253	283	283			
ADS	228	253	253	283	283			
L	974	1043	1103	1176	1226			
LS	1111	1232	1292	1381	1431			
LB	519	588	648	721	771			
LBS	656	777	837	926	976			

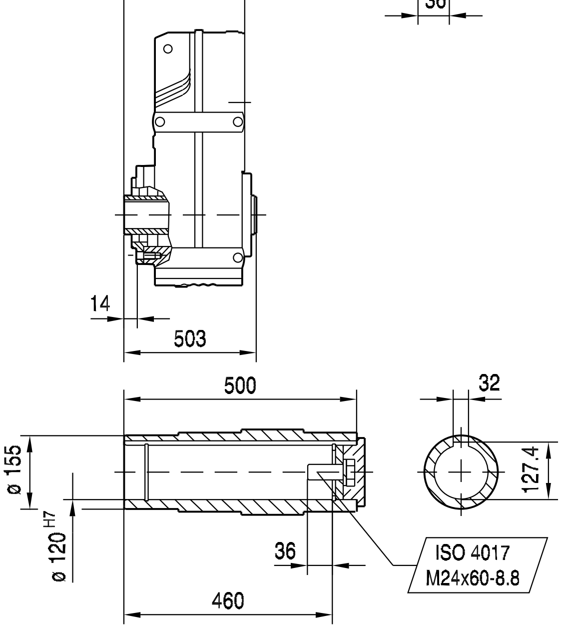
FAZ157..

42 182 00 08





FAZ157..



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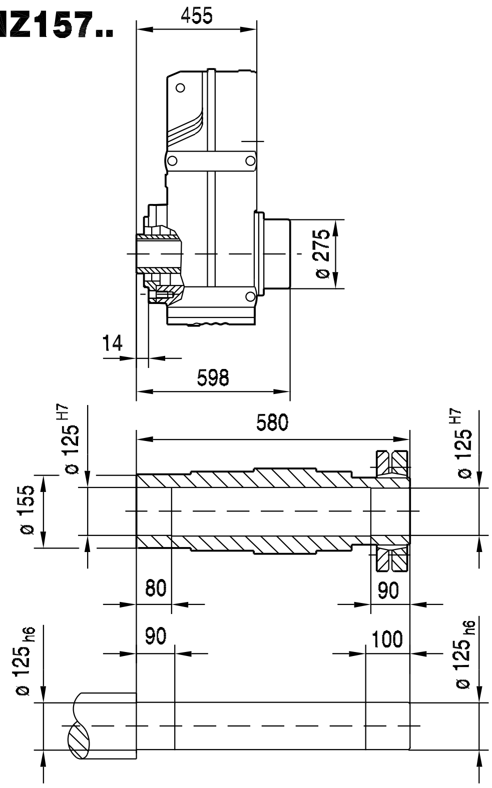

(→ 📖 129)	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC			
AC	270	316	316	394	394			
AD	228	253	253	283	283			
ADS	228	253	253	283	283			
L	974	1043	1103	1176	1226			
LS	1111	1232	1292	1381	1431			
LB	519	588	648	721	771			
LBS	656	777	837	926	976			

FT157..

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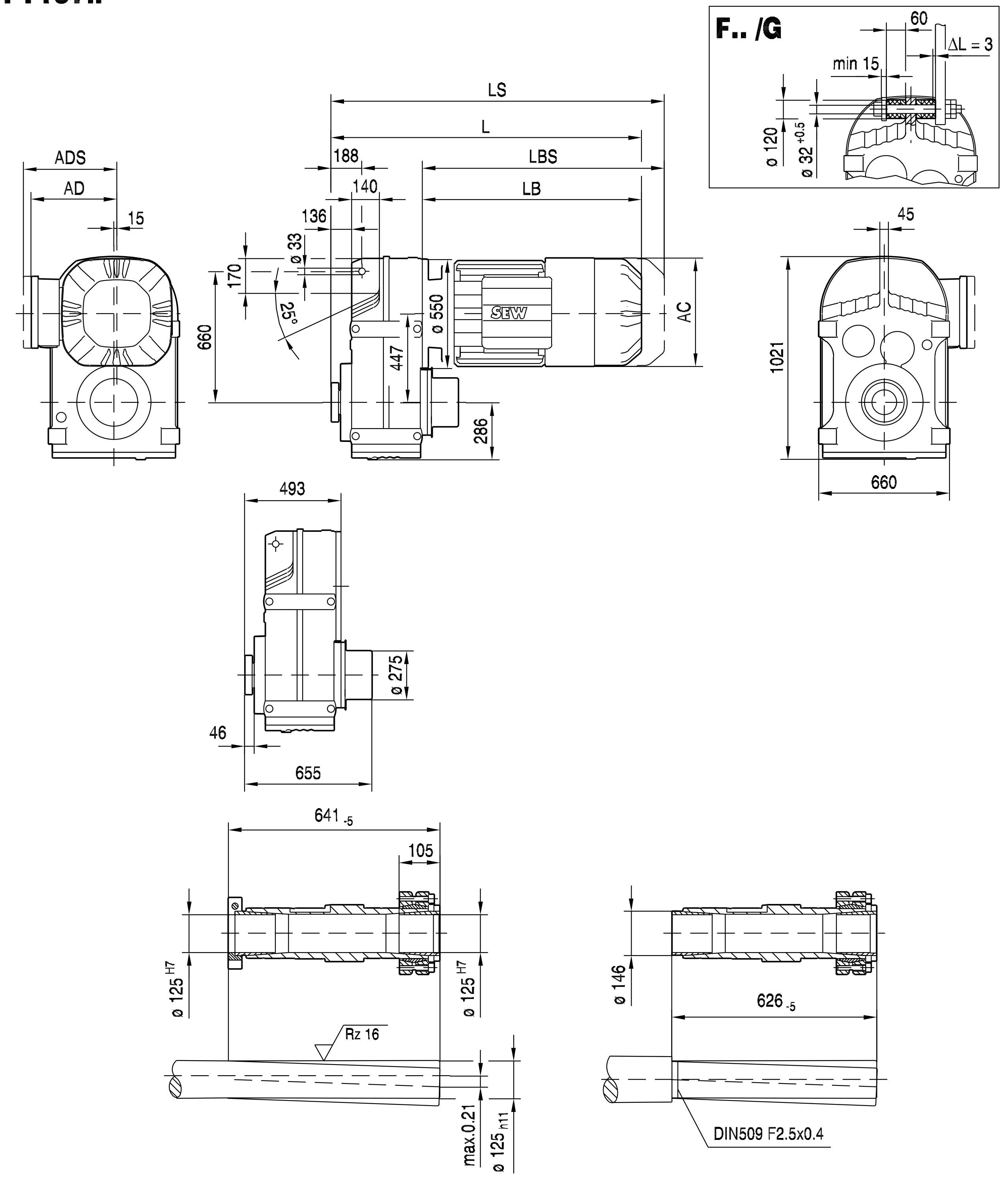

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(→ 129)	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC			
AC	270	316	316	394	394			
AD	228	253	253	283	283			
ADS	228	253	253	283	283			
L	1012	1081	1141	1214	1264			
LS	1149	1270	1330	1419	1469			
LB	519	588	648	721	771			
LBS	656	777	837	926	976			