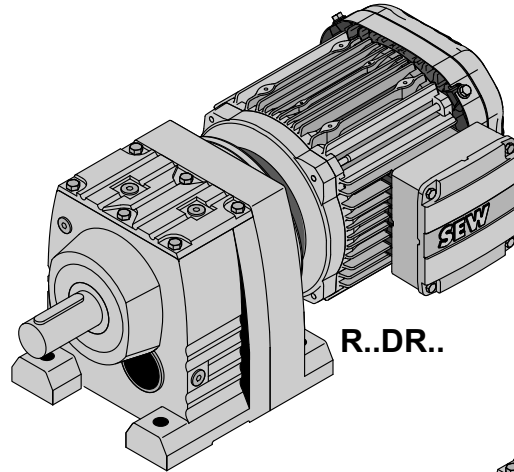
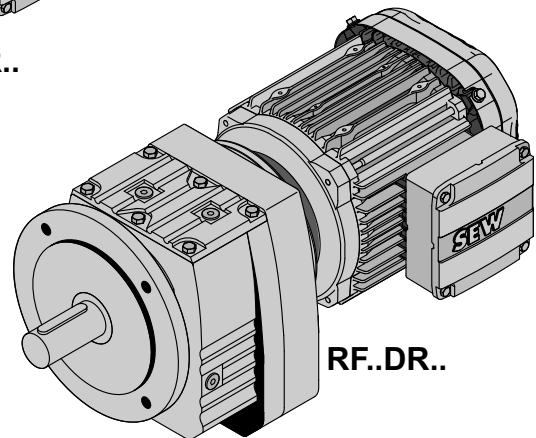


8 R..DRL

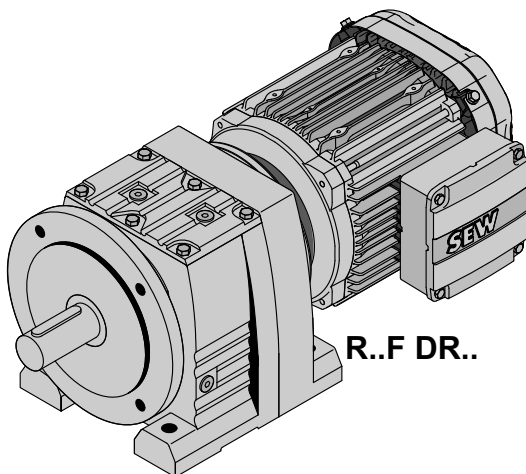
8.1 R, RF, R..F, RX, RXF..DRL



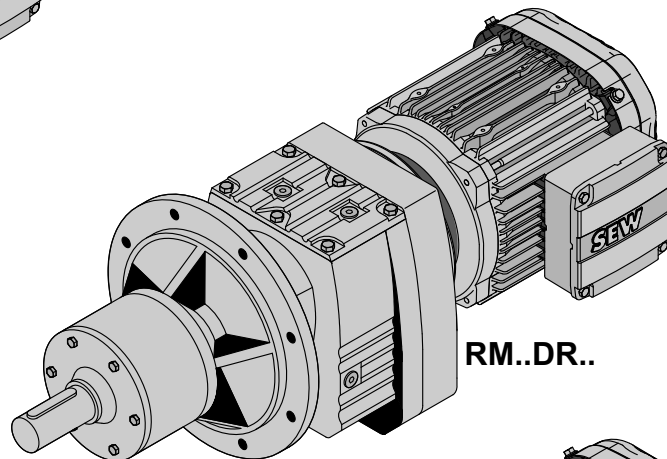
R..DR..



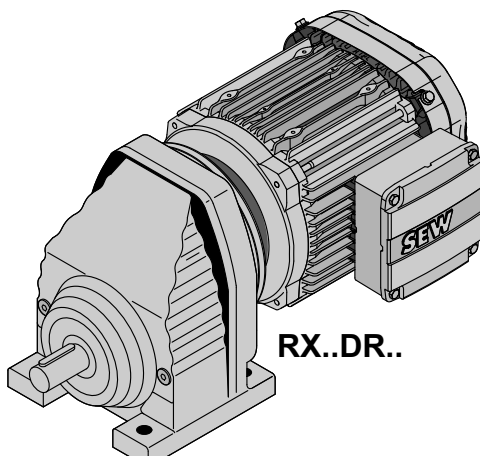
RF..DR..



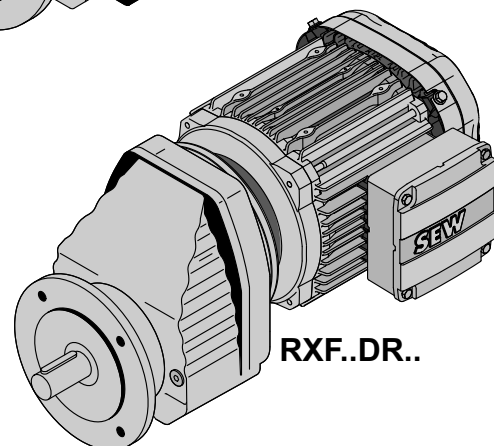
R..F DR..



RM..DR..

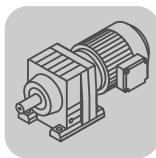


RX..DR..



RXF..DR..

60403axx



8.2 RX..Nm

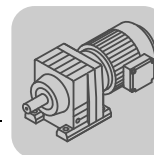
8.2.1 RX 57

M _{aDyn}	Nm i	DRL											
		71S		71M		80S		80M		90L		100L	132S
		D1	D2	D1	D2	D1	D2	D1	D2	D1	D2	D1	D1
RX57 	1.30	6.4	11	8.9	18	13	32	17	42	32	59	45	>90
	1.48	7.3	12	10	20	15	36	19	48	36	67	51	>90
	1.65	8.1	14	11	23	16	40	21	53	40	74	57	>90
	1.92	9.4	16	13	26	19	47	24	62	47	87	66	>90
	2.04	10.0	17	14	28	20	50	26	66	50	>90	70	>90
	2.37	12	20	16	33	23	58	30	77	58	>90	81	
	2.64	13	22	18	36	26	65	34	85	65	>90	>90	
	2.91	14	24	20	40	29	71	37					
	3.14	15	26	22	43	31	77	40	>90	77		>90	
	3.55	17	30	24	49	35	87	45					
	3.79	19	32	26	52	37	>90	48					
	4.35	21	36	30		43		55					
	5.07	25		35									
	5.50	27		38									

m kg		DRL						
	s	71S	71M	80S	80M	90L	100L	132S
RX57	21	17	18	21	23	31	39	54
RXF: + 1.9 kg								

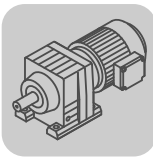


→ 124

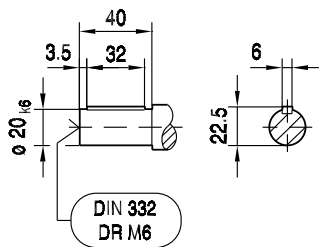
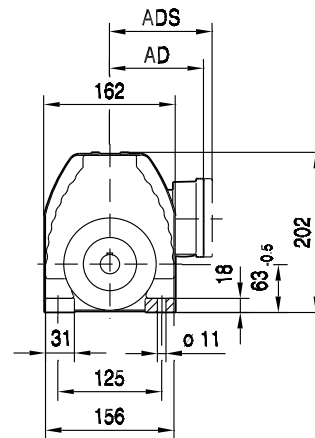
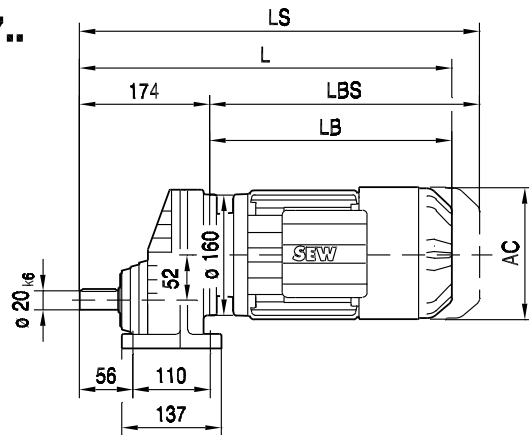


DRL..		n_{epk} 1/min	η %	C_{TG}	
	i			RX Nm/'	RXF Nm/'
RX57  1	1.30	2483	98	4.2	4.2
	1.48	2827	98	4.2	4.2
	1.65	3151	98	4.2	4.2
	1.92	3667	98	4.2	4.2
	2.04	3896	98	4.2	4.2
	2.37	4500	98	4.2	4.2
	2.64	4500	98	4.2	4.2
	2.91	4500	98	4.2	4.2
	3.14	4500	98	4.2	4.2
	3.55	4500	98	4.2	4.2
	3.79	4500	98	4.2	4.2
	4.35	4500	98	4.2	4.2
	5.07	4500	98	4.2	4.2
	5.50	4500	98	4.2	4.2

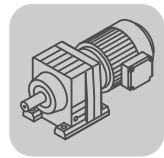
DRL.. $n_e = 1400$		M_{amax} Nm	M_{apk} Nm	$M_{aNotaus}$ Nm	n_{ak} 1/min	$J_G 10^{-4}$ kgm ²	F_{Ramax}		F_{Rapk}	
	i						RX N	RXF N	RX N	RXF N
RX57  1	1.30	63	90	107	1154	1.9	132	132	3940	3940
	1.48	68	90	116	1014	1.4	112	112	3950	3950
	1.65	69	90	117	1091	1.2	430	430	3960	3960
	1.92	69	90	117	1250	0.94	880	880	3970	3970
	2.04	69	90	117	1324	0.85	1070	1070	3970	3970
	2.37	69	90	117	1477	0.64	1500	1500	3980	3980
	2.64	69	90	117	1629	0.55	1810	1810	3980	3980
	2.91	67	90	114	1856	0.44	2170	2170	3980	3980
	3.14	65	90	111	2197	0.42	2320	2320	3990	3990
	3.55	69	90	117	1972	0.35	2420	2420	3990	3990
	3.79	69	90	117	1847	0.32	2480	2480	3990	3990
	4.35	68	90	116	1609	0.26	2640	2640	4000	4000
	5.07	36	54	61	1381	0.21	3030	3030	4210	4210
	5.50	39	58	66	1273	0.18	3100	3100	4190	4190



01 132 00 08

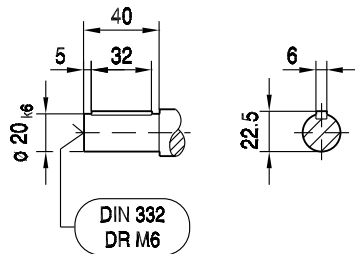
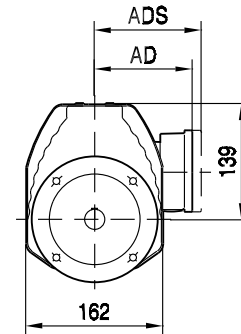
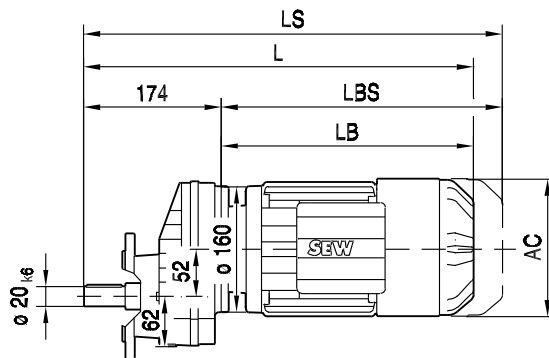
RX57..

(→ 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	454	479	500	531	545	604	689	
LS	519	544	580	611	631	691	797	
LB	280	305	326	357	371	430	515	
LBS	345	370	406	437	457	517	623	



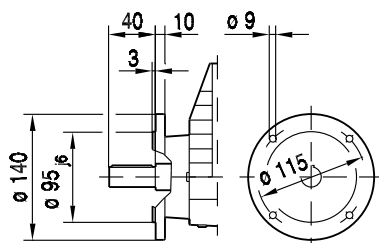
01 133 00 08

RXF57..

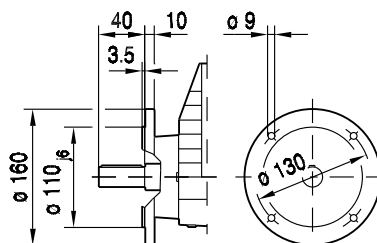


8

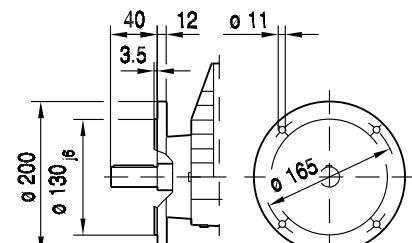
ø 140



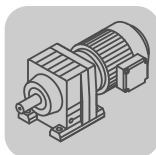
ø 160



ø 200



(→ 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	454	479	500	531	545	604	689	
LS	519	544	580	611	631	691	797	
LB	280	305	326	357	371	430	515	
LBS	345	370	406	437	457	517	623	

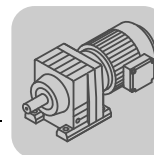

8.2.2 RX 67

	M _{aDyn} Nm i	DRL											
		71S		71M		80S		80M		90L		100L	132S
		D1	D2	D1	D2	D1	D2	D1	D2	D1	D2	D1	D1
RX67 1	1.40		12		19	14	35	18	46	35	64	49	111
	1.61	8.0	14	11	22	16	40	21	53	40	73	56	128
	1.86	9.2	16	13	26	18	46	24	61	46	85	64	147
	2.04	10	17	14	28	20	50	26	67	50	93	71	162
	2.40	12	20	17	33	24	59	31	78	59	109	83	>163
	2.54	13	21	18	35	25	63	33	83	63	116	88	>162
	2.89	14	24	20	40	28	71	37	93	71	130	99	
	3.20	16	27	22	44	31	78	41	103	78	>142	110	
	3.77	18	31	26	52	37	92	48	122	92		129	
	4.30	21	36	29	59	42	105	55					
	4.53	22	38	31	62	44	>110	58					
	5.18	25	43	36		51		66					
	6.07	30		42									

m kg		DRL						
	s	71S	71M	80S	80M	90L	100L	132S
RX67	1	20	21	23	26	34	41	57
RXF: + 4.0 kg								

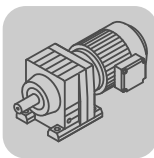
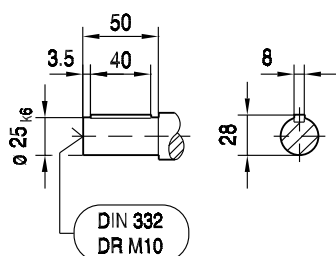
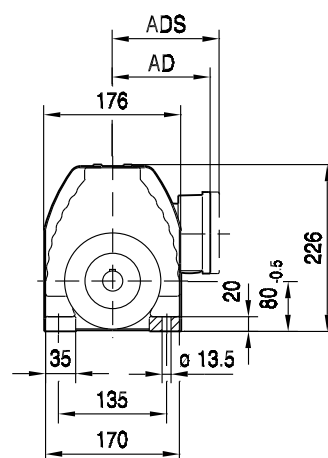
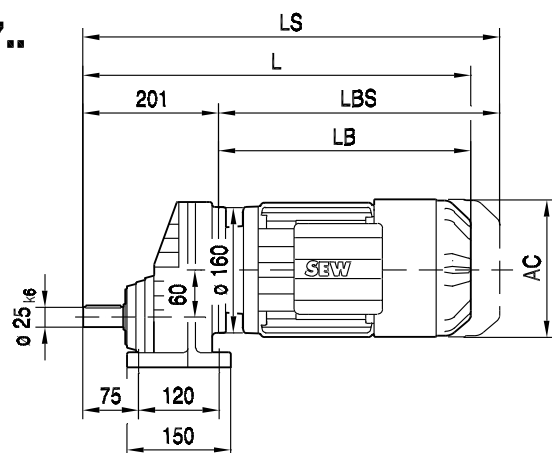


→ 124

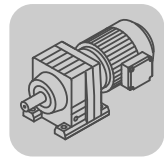


DRL..		n_{epk} 1/min	η %	c_{TG}	
	i			RX Nm/'	RXF Nm/'
RX67  1	1.40	2507	99	8.1	8.1
	1.61	2883	99	8.1	8.1
	1.86	3330	99	8.1	8.1
	2.04	3653	99	8.1	8.1
	2.40	4297	99	8.1	8.1
	2.54	4500	99	8.1	8.1
	2.89	4500	98	8.1	8.1
	3.20	4500	98	8.1	8.1
	3.77	4500	98	8.1	8.1
	4.30	4500	98	8.1	8.1
	4.53	4500	98	8.1	8.1
	5.18	4500	98	8.1	8.1
	6.07	4500	98	8.1	8.1

DRL..		M_{amax} Nm	M_{apk} Nm	$M_{aNotaus}$ Nm	n_{ak} 1/min	$J_G 10^{-4}$ kgm ²	F_{Ramax}		F_{Rapk}	
$n_e = 1400$	i						RX N	RXF N	RX N	RXF N
RX67  1	1.40	104	156	177	1071	3.2	205	205	5450	5450
	1.61	114	171	194	932	2.6	245	245	5380	5380
	1.86	126	187	214	806	2.1	225	225	5300	5300
	2.04	134	186	228	735	1.8	230	230	5310	5310
	2.40	123	163	209	1125	1.4	1530	1530	5460	5460
	2.54	118	162	201	1339	1.3	2000	2000	5470	5470
	2.89	106	142	180	1972	1.0	2640	2640	5590	5590
	3.20	100	142	170	2188	0.88	2800	2800	5590	5590
	3.77	87	130	148	1857	0.69	3090	3090	5660	5660
	4.30	80	109	136	1628	0.47	3300	3300	5770	5770
	4.53	82	110	139	1545	0.42	3350	3350	5760	5760
	5.18	75	110	128	1351	0.34	3580	3580	5760	5760
	6.07	43	64	73	1153	0.28	4000	4000	5970	5970

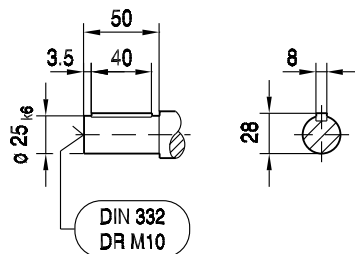
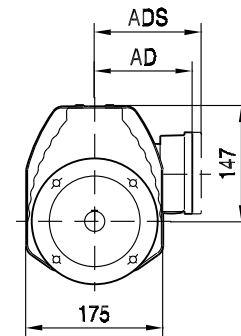
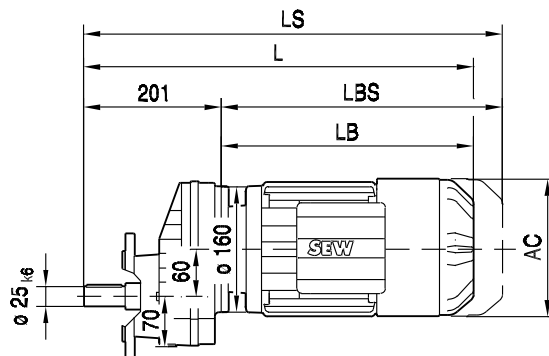

RX67..


(→ 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	481	506	527	558	572	631	716	
LS	546	571	607	638	658	718	824	
LB	280	305	326	357	371	430	515	
LBS	345	370	406	437	457	517	623	

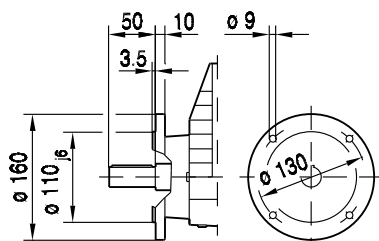


01 135 00 08

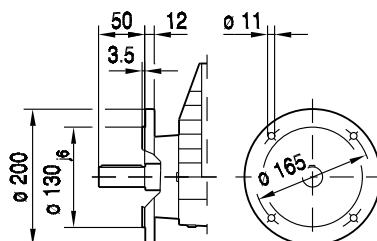
RXF67..



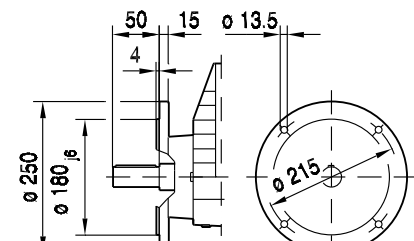
160



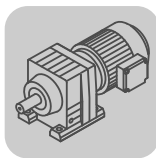
200



250



(→ 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	481	506	527	558	572	631	716	
LS	546	571	607	638	658	718	824	
LB	280	305	326	357	371	430	515	
LBS	345	370	406	437	457	517	623	


8.2.3 RX 77

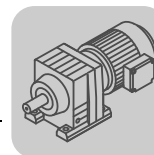
M _{aDyn} Nm	i	DRL									
		71S		71M		80S		80M		90L	
		D1	D2	D1	D2	D1	D2	D1	D2	D1	D2
RX77  1	1.42		12		19	14	35	18	46	35	64
	1.67		14		23	17	41	21	55	41	76
	1.88		16		26	19	47	24	61	47	86
	2.13	11	18	15	30	21	53	27	70	53	97
	2.43	12	20	17	34	24	60	31	79	60	111
	2.70	13	23	19	37	27	67	35	88	67	123
	3.08	15	26	21	43	30	76	40	101	76	140
	3.25	16	27	22	45	32	80	41	105	80	147
	3.70	18	31	25	51	36	91	47	120	91	167
	4.04	20	34	28	55	40	99	51	131	99	182
	4.73	23	39	32	65	46	116	60	153	116	
	5.35	26	45	37	73	52	131	68			
	5.63	28	47	39	77	55	138	72			
	6.41	31	53	44		63		82			
	7.47	36		51							
	8.00	39		54							

m kg		DRL				
	s	71S	71M	80S	80M	90L
RX77	 1	30	32	34	37	44
RXF: + 2.3 kg						

M _{aDyn} Nm	i	DRL									
		100L		132S		132MC		160M		160MC	
		D1	D2	D1	D2	D1	D2	D1	D2	D1	D2
RX77  1	1.42	49	118	111	205	181	>230	225	>230	>230	>230
	1.67	58	141	132	245	210	>255	>255	>255	>255	>255
	1.88	65	158	149	275	240	>280	>280	>280	>280	>280
	2.13	74	179	169	>300	270		>300		>300	
	2.43	84	200	192	>305	>305		>305		>305	
	2.70	94	225	210							
	3.08	107	255	240							
	3.25	111	>260	250							
	3.70	127									
	4.04	139									
	4.73	162									
	5.35										
	5.63										
	6.41										
	7.47										
	8.00										

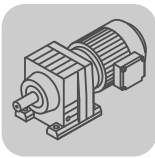
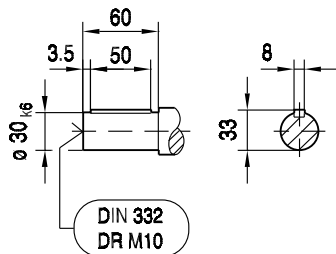
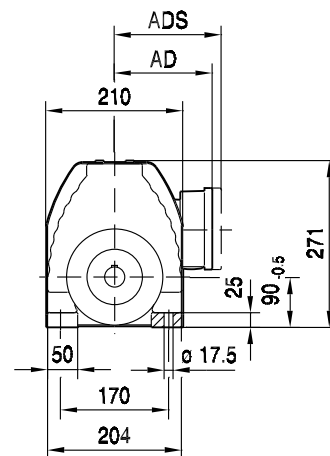
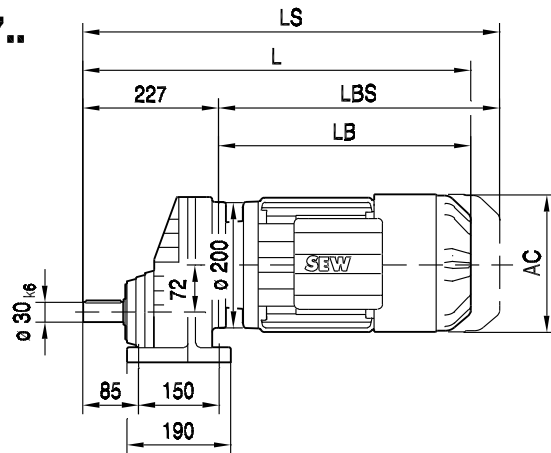
m kg		DRL				
	s	100L	132S	132MC	160M	160MC
RX77	 1	51	67	83	105	110
RXF: + 2.3 kg						


 →  **124**

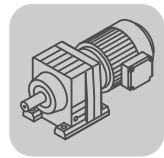


DRL..		n_{epk} 1/min	η %	c_{TG}	
	i			RX Nm/'	RXF Nm/'
RX77  1	1.42	2164	98	17	17
	1.67	2545	99	17	17
	1.88	2865	99	17	17
	2.13	3246	99	17	17
	2.43	3703	99	17	17
	2.70	4114	99	17	17
	3.08	4500	99	17	17
	3.25	4500	98	17	17
	3.70	4500	98	17	17
	4.04	4500	98	17	17
	4.73	4500	98	17	17
	5.35	4500	98	17	17
	5.63	4500	98	17	17
	6.41	4500	98	17	17
	7.47	4500	97	17	17
	8.00	4500	97	17	17

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	RX N	RXF N	RX N	RXF N
RX77  1	1.42	155	232	264	1056	7.6	315	315	10000	10000
	1.67	173	259	294	898	6.0	315	315	10000	10000
	1.88	187	280	318	798	5.0	335	335	10000	10000
	2.13	200	300	340	704	4.1	435	435	10000	10000
	2.43	215	305	366	658	3.4	510	510	10000	10000
	2.70	215	285	366	741	3.0	1110	1110	10000	10000
	3.08	193	260	328	1104	2.5	2560	2560	10000	10000
	3.25	182	260	309	1385	2.3	3200	3200	10000	10000
	3.70	153	215	260	1892	1.9	4290	4290	10000	10000
	4.04	143	214	243	1733	1.6	4500	4500	10000	10000
	4.73	123	184	209	1480	1.3	4900	4900	10000	10000
	5.35	103	154	175	1308	0.90	5240	5240	10000	10000
	5.63	110	165	187	1243	0.81	5300	5300	10000	10000
	6.41	103	154	175	1092	0.66	5600	5600	10000	10000
	7.47	53	79	90	937	0.53	6200	6200	10000	10000
	8.00	57	85	97	875	0.46	6330	6330	10000	10000

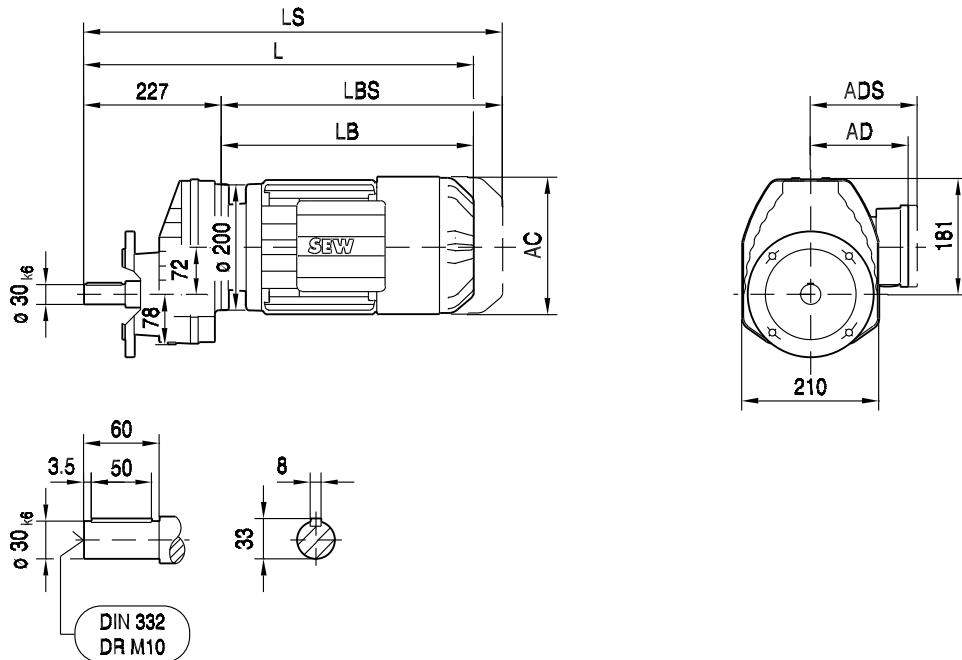
**RX77..**

(→ 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	500	525	546	577	591	650	731	781	785
LS	565	590	626	657	677	737	839	889	922
LB	273	298	319	350	364	423	504	554	558
LBS	338	363	399	430	450	510	612	662	695



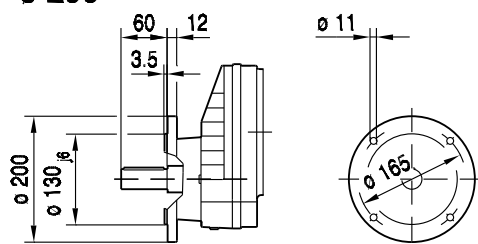
01 137 00 08

RXF77..

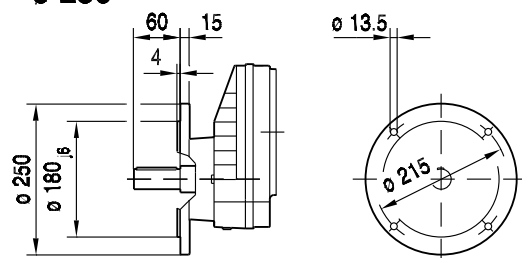


8

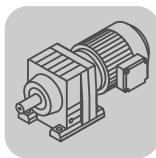
$\phi 200$



$\phi 250$



(→ 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	500	525	546	577	591	650	731	781	785
LS	565	590	626	657	677	737	839	889	922
LB	273	298	319	350	364	423	504	554	558
LBS	338	363	399	430	450	510	612	662	695


8.2.4 RX 87

M _{aDyn} Nm	i	DRL													
		71M		80S		80M		DRL 90L		100L		132S		132MC	
		D1	D2	D1	D2	D1	D2	D1	D2	D1	D2	D1	D2	D1	D2
RX87 1	1.39										117	110	205	179	275
	1.60						52	40	73	55	135	127	235	205	315
	1.93						63	48	88	67	162	153	285	245	380
	2.15		30	21	53	28	70	53	98	74	181	170	315	275	425
	2.48		34	25	61	32	81	61	113	86	205	196	365	315	490
	2.76		38	27	68	36	90	68	126	96	230	215	405	355	>535
	3.09	21	43	31	76	40	101	76	141	107	260	240	455	395	
	3.48	24	48	34	86	45	114	86	158	121	290	275	515	445	
	3.78	26	52	37	94	49	123	94	172	131	315	295			
	4.50	31	62	44	110	57	146	110	200	154	370	350			
	5.07	35	70	50	124	65	164	124	225	174					
	5.56	38	76	54	136	71	180	136	250	191					
	6.45	44	88	63	158	82	205	158		220					
	7.20	49	99	71	176	92									
	7.63	52	105	75	187	97									
	8.65	59		85		110									

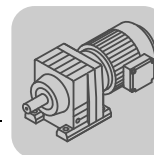
m kg		DRL							
	s	71M	80S	80M	DRL 90L	100L	132S	132MC	
RX87	1	48	50	53	60	68	83	100	
RXF: + 5.0 kg									

M _{aDyn}	Nm i	DRL										
		160M		160MC		180S		180M		180L		180LC
		D1	D2	D1	D2	D1	D2	D1	D2	D1	D2	D1
RX87  1	1.39	225	385	250	>435	285	>435	340	>435	>435	>435	>435
	1.60	260	440	290	>470	330	>470	395	>470	>470	>470	>470
	1.93	315	>530	350	>530	400	>530	475	>530	>530	>530	>530
	2.15	350	>540	390	>540	445	>540	530	>540	>540	>540	>540
	2.48	405	>540	450	>540	515		>540		>540		
	2.76	450	>535	505	>535	>535		>535		>535		
	3.09	500		>540								
	3.48	>540		>540								
	3.78											
	4.50											
	5.07											
	5.56											
	6.45											
	7.20											
	7.63											
8.65												

m kg		DRL					
	s	160M	160MC	180S	180M	180L	180LC
RX87	1	120	125	155	170	180	195
RXF: + 5.0 kg							

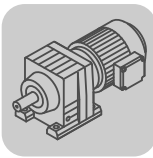


→ 124

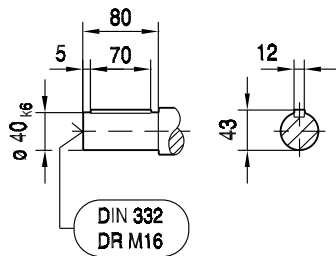
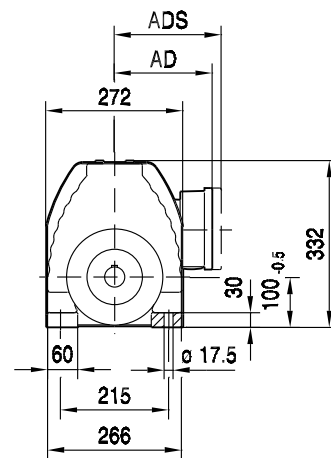
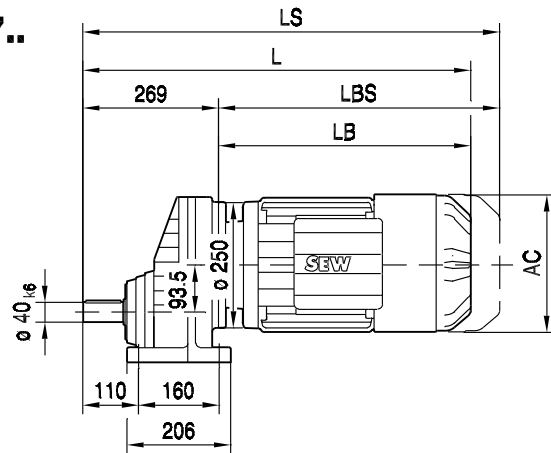


DRL..		n_{epk} 1/min	η %	c_{TG}	
	i			RX Nm/'	RXF Nm/'
RX87  1	1.39	2170	99	34	34
	1.60	2498	99	34	34
	1.93	3013	99	34	34
	2.15	3356	99	34	34
	2.48	3871	99	34	34
	2.76	4308	99	34	34
	3.09	4500	99	34	34
	3.48	4500	99	34	34
	3.78	4500	99	34	34
	4.50	4500	98	34	34
	5.07	4500	98	34	34
	5.56	4500	98	34	34
	6.45	4500	98	34	34
	7.20	4500	98	34	34
	7.63	4500	98	34	34
	8.65	4500	98	34	34

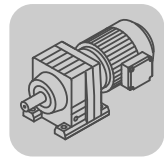
DRL.. $n_e = 1400$							F_{Ramax}		F_{Rapk}	
	i	M_{amax} Nm	M_{apk} Nm	$M_{aNotaus}$ Nm	n_{ak} 1/min	$J_G 10^{-4}$ kgm ²	RX N	RXF N	RX N	RXF N
RX87  1	1.39	290	435	493	1007	25	74	74	12700	12700
	1.60	315	472	536	875	19	74	74	12500	12500
	1.93	355	532	604	725	15	185	185	12300	12300
	2.15	385	540	655	651	13	42	42	12300	12300
	2.48	405	540	689	605	11	470	470	12300	12300
	2.76	405	535	689	652	9.4	1200	1200	12400	12400
	3.09	405	540	689	744	8.1	1950	1950	12400	12400
	3.48	405	540	689	805	6.9	2730	2730	12400	12400
	3.78	305	457	519	1852	6.2	5030	5030	12700	12700
	4.50	290	435	493	1556	4.8	5500	5500	12800	12800
	5.07	250	375	425	1381	3.9	5980	5980	13000	13000
	5.56	225	337	383	1259	3.4	6320	6320	13000	13000
	6.45	192	288	326	1085	2.7	6850	6850	13000	13000
	7.20	140	210	238	972	1.8	7380	7380	13000	13000
	7.63	149	223	253	917	1.6	7490	7490	13000	13000
	8.65	139	208	236	809	1.3	7890	7890	13000	13000



01 138 00 08

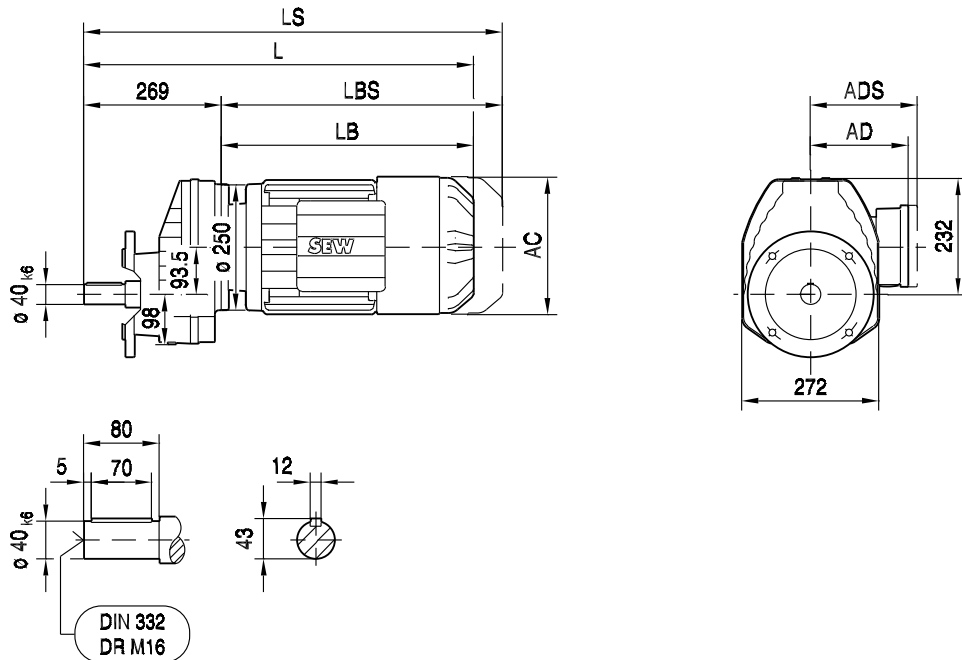
RX87..

(→ 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	562	583	614	628	687	768	818	822	891	951
LS	627	663	694	714	774	876	926	959	1080	1140
LB	293	314	345	359	418	499	549	553	622	682
LBS	358	394	425	445	505	607	657	690	811	871



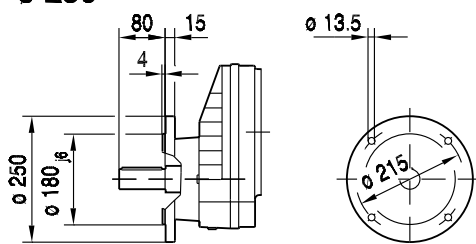
01 139 00 08

RXF87..

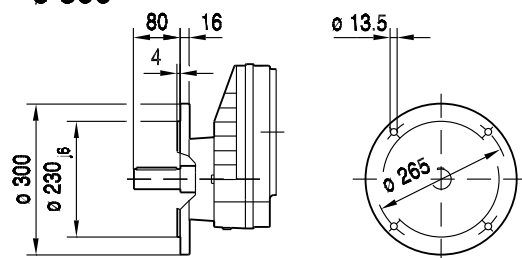


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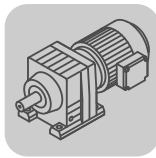
ø 250



ø 300



(→ 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	562	583	614	628	687	768	818	822	891	951
LS	627	663	694	714	774	876	926	959	1080	1140
LB	293	314	345	359	418	499	549	553	622	682
LBS	358	394	425	445	505	607	657	690	811	871

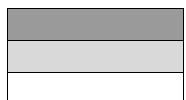

8.2.5 RX 97

M _{aDyn}	Nm i	DRL													
		71M		80S		80M		90L		100L		132S		132MC	
		D1	D2	D1	D2	D1	D2	D1	D2	D1	D2	D1	D2	D1	D2
RX97  1	1.42										118	111	205	181	275
	1.64										137	129	240	205	320
	1.96										163	154	285	245	380
	2.24						73	55	102	78	188	177	330	285	440
	2.64						86	65	120	91	220	205	390	335	520
	2.92		40	29	72	38	95	72	133	101	245	230	430	375	575
	3.30		46	33	82	42	108	82	150	114	275	260	490	420	650
	3.64		50	36	90	47	119	90	166	126	305	285	540	465	720
	4.04	28	56	40	100	52	132	100	184	140	335	315	595	515	
	4.52	31	63	45	112	58	148	112	205	157	380	355	670	580	
	4.91	34	67	48	120	63	159	120	220	168	405	380			
	5.79	40	79	57	142	74	187	142	260	199	480	450			
	6.56	45	90	64	161	84	210	161	295	225					
	7.16	49	98	70	175	91	230	175	320	245					
	8.23	56	113	81	200	105	265	200		280					

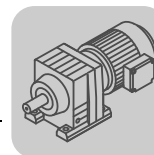
m kg		DRL						
	s	71M	80S	80M	90L	100L	132S	132MC
RX97	 1	73	74	77	84	91	105	125
RXF: + 8.6 kg								

M _{aDyn}	Nm i	DRL												
		160M		160MC		180S		180M		180L		180LC	200L	225S
		D1	D2	D1	D2	D1	D2	D1	D2	D1	D2	D1	D1	D1
RX97  1	1.42	225	385	255	445	290	525	345	595	445	>680	580	660	>680
	1.64	265	450	295	510	335	610	400	690	510	>755	675	>755	>755
	1.96	315	535	355	610	400	725	480	>800	610	>800	>800	>800	>800
	2.24	365	620	410	705	465	>800	550	>800	705	>800	>800	>800	>800
	2.64	430	730	480	>800	545	>800	650	>800	>800	>800	>800	>800	>800
	2.92	475	>800	530	>800	605	>800	720	>800	>800	>800	>800	>800	>800
	3.30	535	>800	600	>800	685		>800		>800				
	3.64	590	>800	665	>800	755		>800		>800				
	4.04	655		735										
	4.52	735		>800										
	4.91													
	5.79													
	6.56													
	7.16													
	8.23													

m kg		DRL							
	s	160M	160MC	180S	180M	180L	180LC	200L	225S
RX97	 1	145	150	180	195	205	215	315	345
RXF: + 8.6 kg									

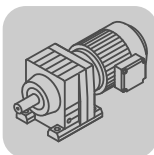


→ 124

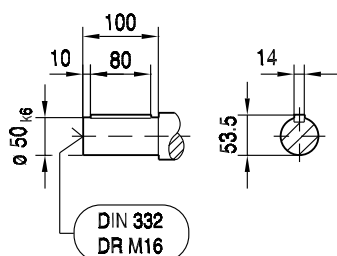
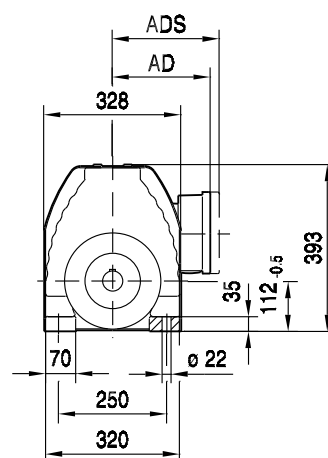
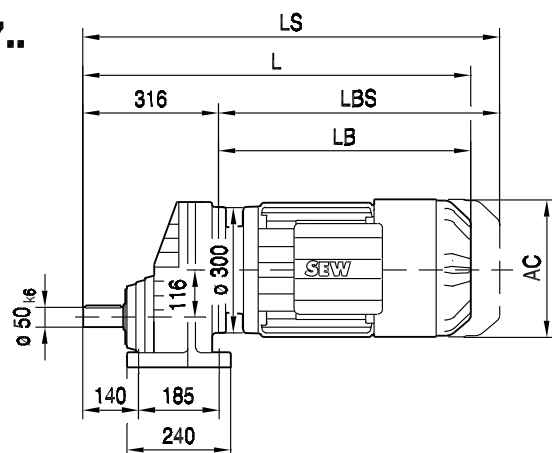


DRL..		n_{epk} 1/min	η %	c_{TG}	
	i			RX Nm/'	RXF Nm/'
RX97  1	1.42	2187	98	58	58
	1.64	2526	98	58	58
	1.96	3019	98	58	58
	2.24	3450	99	58	58
	2.64	4066	99	58	58
	2.92	4497	99	58	58
	3.30	4500	99	58	58
	3.64	4500	99	58	58
	4.04	4500	99	58	58
	4.52	4500	99	58	58
	4.91	4500	98	58	58
	5.79	4500	98	58	58
	6.56	4500	98	58	58
	7.16	4500	98	58	58
	8.23	4500	98	58	58

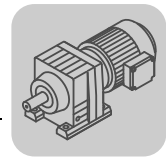
DRL..							F_{Ramax}		F_{Rapk}	
$n_e = 1400$	i	M_{amax} Nm	M_{apk} Nm	$M_{aNotaus}$ Nm	n_{ak} 1/min	$J_G 10^{-4}$ kgm ²	RX N	RXF N	RX N	RXF N
RX97  1	1.42	455	682	774	986	61	132	132	20000	20000
	1.64	505	757	859	854	51	51	51	20000	20000
	1.96	570	800	969	714	41	19	19	20000	20000
	2.24	595	800	1012	670	33	495	495	20000	20000
	2.64	595	800	1012	795	28	1980	1980	20000	20000
	2.92	595	800	1012	856	24	2810	2810	20000	20000
	3.30	595	800	1012	909	20	3730	3730	20000	20000
	3.64	595	800	1012	962	18	4530	4530	20000	20000
	4.04	595	800	1012	1015	15	5380	5380	20000	20000
	4.52	595	800	1012	1062	13	6180	6180	20000	20000
	4.91	395	592	672	1426	12	7220	7220	20000	20000
	5.79	420	630	714	1209	9.2	7630	7630	20000	20000
	6.56	300	450	510	1067	5.8	8500	8500	20000	20000
	7.16	260	390	442	978	5.1	8950	8950	20000	20000
	8.23	225	337	383	851	4.0	9560	9560	20000	20000



01 140 00 08

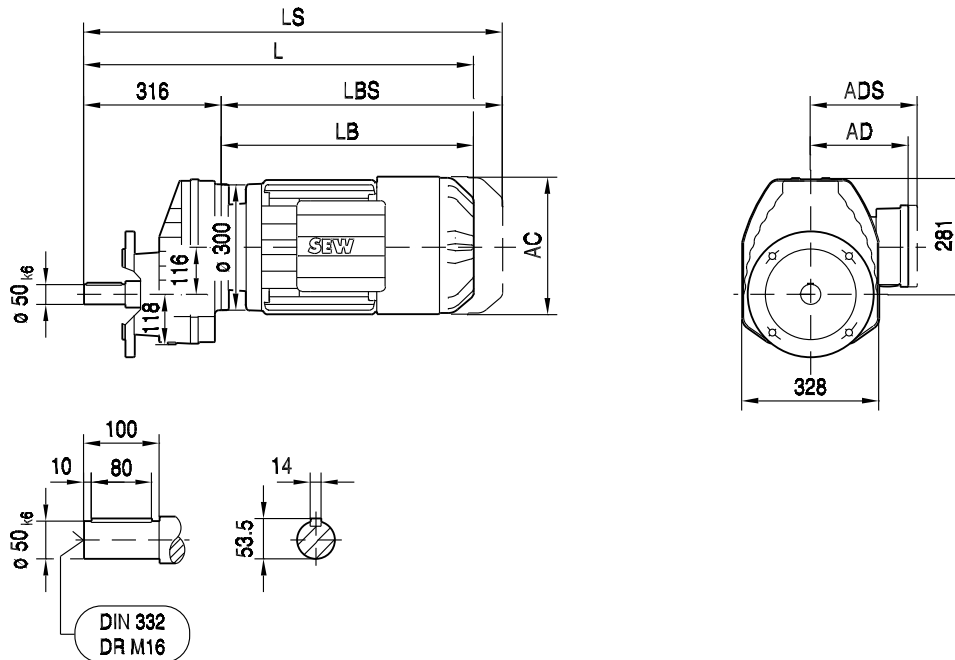
RX97..

(→ 129)	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC	DRL225S
AC	139	156	156	179	197	221	221	270	316	316	394
AD	119	128	128	140	157	170	170	228	253	253	283
ADS	129	139	139	150	158	172	172	228	253	253	283
L	604	625	656	670	729	810	860	864	933	993	1066
LS	669	705	736	756	816	918	968	1001	1122	1182	1271
LB	288	309	340	354	413	494	544	548	617	677	750
LBS	353	389	420	440	500	602	652	685	806	866	955



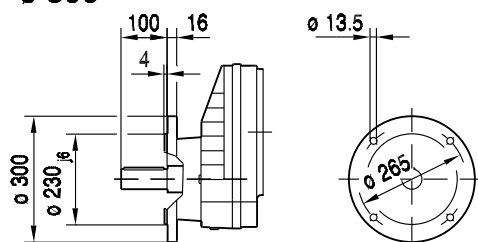
01 141 00 08

RXF97..

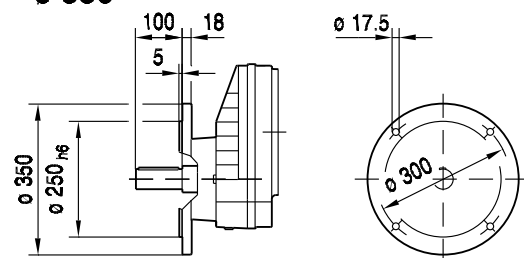


8

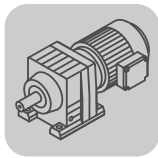
$\phi 300$



$\phi 350$



(→ 129)	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC	DRL225S
AC	139	156	156	179	197	221	221	270	316	316	394
AD	119	128	128	140	157	170	170	228	253	253	283
ADS	129	139	139	150	158	172	172	228	253	253	283
L	604	625	656	670	729	810	860	864	933	993	1066
LS	669	705	736	756	816	918	968	1001	1122	1182	1271
LB	288	309	340	354	413	494	544	548	617	677	750
LBS	353	389	420	440	500	602	652	685	806	866	955


8.2.6 RX 107

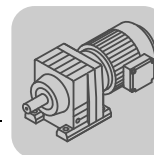
M _{aDyn} Nm		DRL													
	i	90L		100L		132S		132MC		160M		160MC		180S	
		D1	D2	D1	D2	D1	D2	D1	D2	D1	D2	D1	D2	D1	D2
RX107  1	1.44						210	183	280	230	395	260	450	295	535
	1.71				142	134	250	215	335	275	465	310	535	350	635
	1.95				162	153	285	245	380	315	535	350	610	400	725
	2.30				192	180	335	290	450	370	630	415	720	470	850
	2.64	65	120	91	220	205	390	335	520	430	730	480	830	545	990
	3.07	76	140	106	255	240	455	395	605	500	850	560	970	635	>1130
	3.38	84	154	117	280	265	500	435	665	550	930	615	1070	700	>1130
	3.81	94	174	132	320	300	565	490	750	620	1050	695	>1140	790	
	4.20	104	191	146	350	330	620	540	830	685	>1150	765	>1150	870	
	4.65	115	210	161	390	365	690	595		755		850			
	5.19	128	235	180	435	410	770	665		840		950			
	5.61	137	250	192	465	435									
6.63	162	295	225	550	515										

m kg		DRL							
	s	90L	100L	132S	132MC	160M	160MC	180S	
RX107	 1	120	125	140	155	180	185	210	
RXF: + 16.8 kg									

M _{aDyn} Nm		DRL										
	i	180M		180L		180LC		200L		225S		225MC
		D1	D2	D1	D2	D1	D2	D1	D2	D1	D2	D1
RX107  1	1.44	350	605	450	730	590	840	670	950	730	>960	>960
	1.71	415	720	535	870	700	1000	795	>1050	870	>1050	>1050
	1.95	475	820	610	990	800	>1090	900	>1090	990	>1090	>1090
	2.30	560	960	720	>1110	940	>1110	1070	>1110	>1110	>1110	>1110
	2.64	650	>1120	830	>1120	1090	>1120	>1120	>1120	>1120	>1120	>1120
	3.07	755	>1130	970	>1130	>1130		>1130		>1130		
	3.38	830	>1130	1070	>1130	>1130		>1130		>1130		
	3.81	940		>1140								
	4.20	1030		>1150								
	4.65											
	5.19											
	5.61											
	6.63											

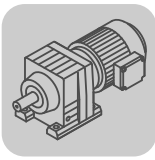
m kg		DRL					
	s	180M	180L	180LC	200L	225S	225MC
RX107	 1	230	240	250	345	375	420
RXF: + 16.8 kg							


 →  124

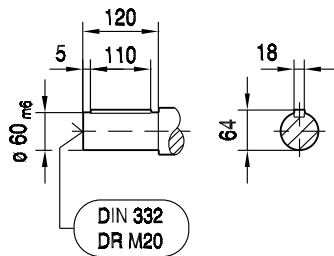
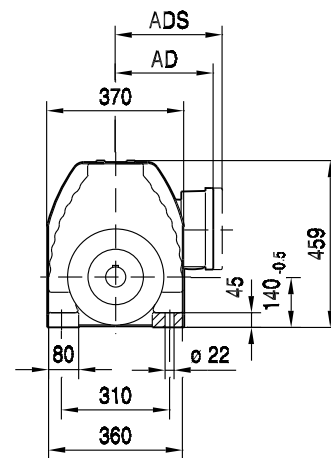
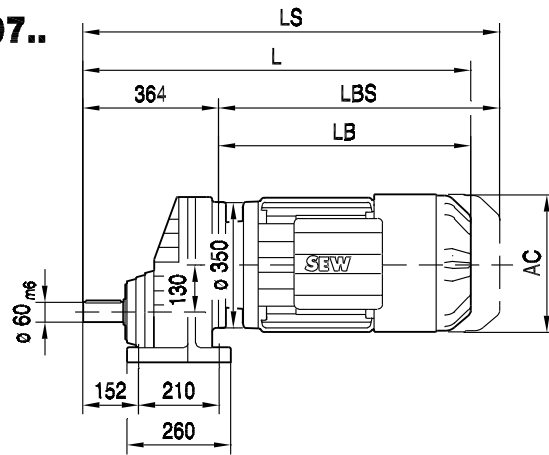


DRL..		n_{epk} 1/min	η %	c_{TG}	
	i			RX Nm/'	RXF Nm/'
RX107  1	1.44	2101	98	93	93
	1.71	2495	98	93	93
	1.95	2845	98	93	93
	2.30	3356	98	93	93
	2.64	3852	99	93	93
	3.07	4479	99	93	93
	3.38	4500	99	93	93
	3.81	4500	99	93	93
	4.20	4500	99	93	93
	4.65	4500	99	93	93
	5.19	4500	99	93	93
	5.61	4500	98	93	93
	6.63	4500	98	93	93

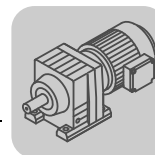
DRL..		M_{amax} Nm	M_{apk} Nm	$M_{aNotaus}$ Nm	n_{ak} 1/min	$J_G 10^{-4}$ kgm ²	F_{Ramax}		F_{Rapk}	
$n_e = 1400$	i						RX N	RXF N	RX N	RXF N
RX107  1	1.44	645	967	1097	972	111	315	315	30000	30000
	1.71	705	1057	1199	819	84	480	480	30000	30000
	1.95	765	1090	1301	769	70	555	555	30000	30000
	2.30	830	1110	1411	696	57	900	900	30000	30000
	2.64	830	1120	1411	720	47	2160	2160	30000	30000
	3.07	830	1130	1411	814	39	3600	3600	30000	30000
	3.38	830	1130	1411	858	34	4490	4490	30000	30000
	3.81	830	1140	1411	919	29	5550	5550	30000	30000
	4.20	830	1150	1411	952	25	6420	6420	30000	30000
	4.65	695	1042	1182	1505	19	7450	7450	30000	30000
	5.19	695	1042	1182	1349	17	7850	7850	30000	30000
	5.61	455	682	774	1248	15	9080	9080	30000	30000
	6.63	460	690	782	1056	12	9700	9700	30000	30000



01 142 00 08

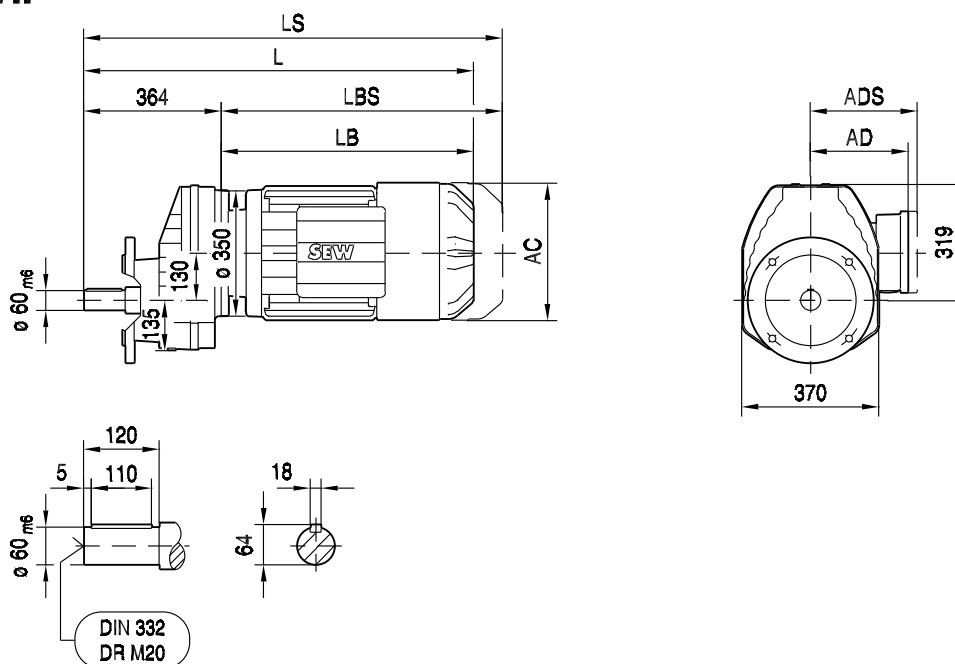
RX107..

(→ 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	712	771	852	902	906	975	1035	1108	1158
LS	798	858	960	1010	1043	1164	1224	1313	1363
LB	348	407	488	538	542	611	671	744	794
LBS	434	494	596	646	679	800	860	949	999



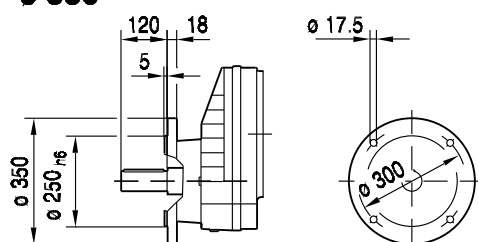
01 143 00 08

RXF107..

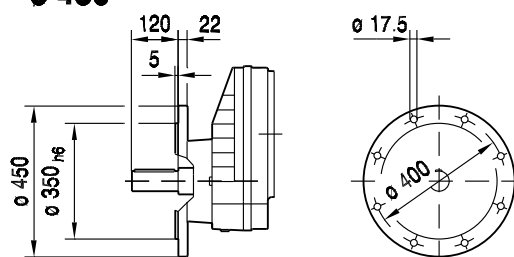


8

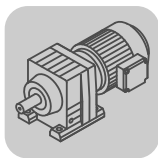
$\varnothing 350$



$\varnothing 450$



(→ 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	712	771	852	902	906	975	1035	1108	1158
LS	798	858	960	1010	1043	1164	1224	1313	1363
LB	348	407	488	538	542	611	671	744	794
LBS	434	494	596	646	679	800	860	949	999



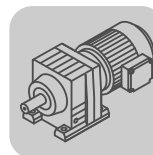
8.3 R..Nm

8.3.1 R 07

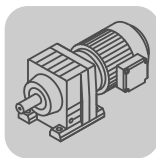
MaDyn	Nm i	DRL		
		71S	D2	71M
		D1		D1
R07 2	3.21	16	26	22
	3.68	18	30	25
	3.95	19	33	27
	4.57	22	38	31
	4.92	24	41	33
	5.76	28	>46	39
	6.83	33		>46
	7.48	36		>46
	7.85	38	>51	>51
	9.01	43	>51	>51
	9.67	46	>51	>51
	11.18	>51	>51	>51
	12.06	>51	>51	>51
	14.12	>51	>51	>51
	16.73	>51		>51
	18.31	>51		>51
R07 3	21.73	>51	>51	>51
	23.32	>51	>51	>51
	26.97	>51	>51	>51
	29.08	>51	>51	>51
	34.05	>51	>51	>51
	38.51	>51	>51	>51
	40.34	>51		>51
	41.31	>51	>51	>51
	44.16	>51		>51
	47.78	>51	>51	>51
	51.52	>51	>51	>51
	60.32	>51	>51	>51
	71.47	>51		>51
	78.24	>51		>51

	→ 124

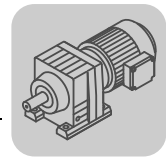
m kg		DRL	
	s	71S	71M
R07	2	10	11
R07	3	10	11
RF: + 0.0 kg			



DRL..	C _{TG}				
	i	n _{epk} 1/min	η %	R Nm/'	RF Nm/'
R07  2	3.21	3872	97	2.8	2.7
	3.68	4439	97	2.8	2.7
	3.95	4500	97	2.8	2.7
	4.57	4500	97	2.8	2.7
	4.92	4500	97	2.8	2.7
	5.76	4500	97	2.8	2.7
	6.83	4500	97	2.8	2.7
	7.48	4500	97	2.8	2.7
	7.85	4500	96	3.9	3.7
	9.01	4500	96	3.9	3.7
	9.67	4500	96	3.9	3.7
	11.18	4500	96	3.9	3.7
	12.06	4500	96	3.9	3.7
	14.12	4500	96	3.9	3.7
	16.73	4500	96	3.9	3.7
	18.31	4500	96	3.9	3.7
R07  3	21.73	4500	93	4.1	3.8
	23.32	4500	93	4.1	3.8
	26.97	4500	93	4.1	3.8
	29.08	4500	93	4.1	3.8
	34.05	4500	93	4.1	3.8
	38.51	4500	91	4.1	3.9
	40.34	4500	92	4.1	3.8
	41.31	4500	91	4.1	3.9
	44.16	4500	92	4.1	3.8
	47.78	4500	90	4.1	3.9
	51.52	4500	90	4.1	3.9
	60.32	4500	90	4.1	3.9
	71.47	4500	89	4.1	3.9
	78.24	4500	88	4.1	3.9

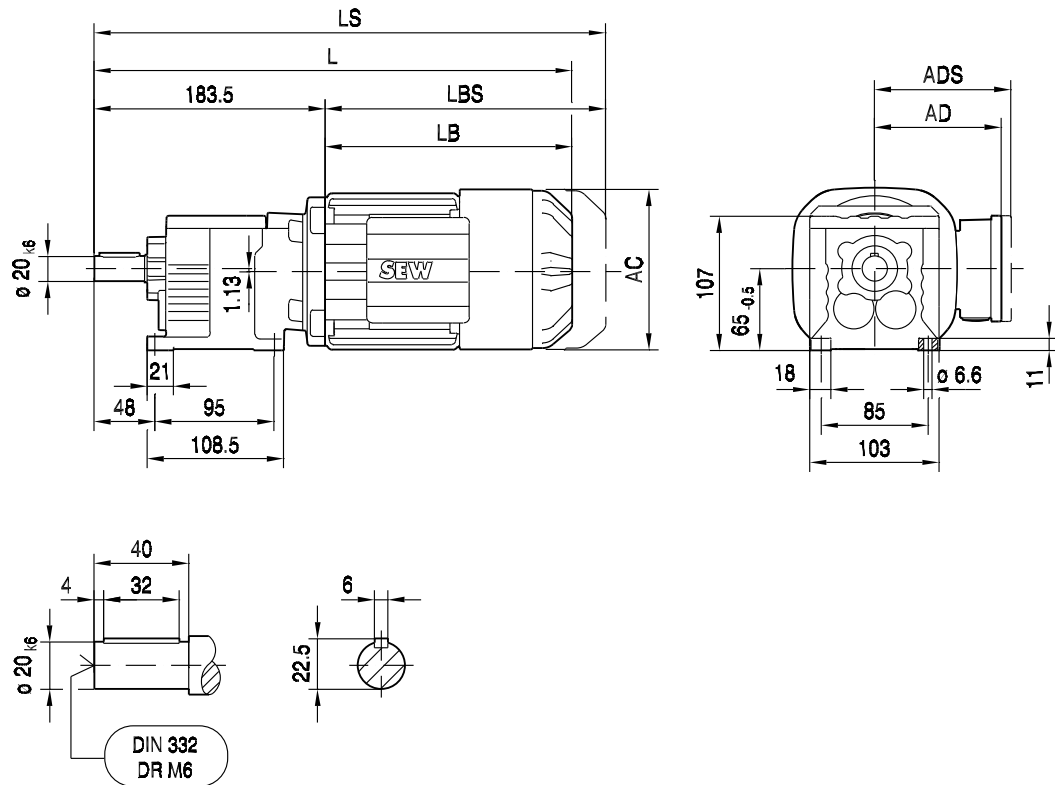


DRL.. $n_e = 1400$							F_{Ramax}		F_{Rapk}	
	i	M_{amax} Nm	M_{apk} Nm	$M_{aNotaus}$ Nm	n_{ak} 1/min	$J_G \cdot 10^{-4}$ kgm ²	R N	RF N	R N	RF N
R07 2	3.21	31	46	53	561	0.24	495	415	1530	1250
	3.68	33	46	56	516	0.19	500	420	1530	1250
	3.95	34	46	58	506	0.17	505	425	1530	1250
	4.57	36	46	61	460	0.13	520	435	1530	1250
	4.92	37	46	63	427	0.12	530	445	1530	1250
	5.76	40	46	68	365	0.090	530	440	1530	1250
	6.83	43	46	73	307	0.070	535	450	1530	1250
	7.48	43	46	73	321	0.060	595	500	1530	1250
	7.85	49	51	83	166	0.20	645	585	1500	1220
	9.01	50	51	85	166	0.16	685	620	1500	1220
	9.67	50	51	85	165	0.14	710	645	1500	1220
	11.18	50	51	85	179	0.11	760	695	1500	1220
	12.06	50	51	85	182	0.10	790	720	1500	1220
	14.12	50	51	85	184	0.080	850	780	1500	1220
	16.73	50	51	85	191	0.060	920	840	1500	1220
	18.31	50	51	85	191	0.050	960	880	1500	1220
R07 3	21.73	50	51	85	161	0.16	1040	950	1500	1220
	23.32	50	51	85	163	0.14	1080	980	1500	1220
	26.97	50	51	85	163	0.11	1150	1050	1500	1220
	29.08	50	51	85	162	0.10	1190	1080	1500	1220
	34.05	50	51	85	162	0.080	1270	1160	1500	1220
	38.51	50	51	85	171	0.14	1340	1220	1500	1220
	40.34	50	51	85	164	0.060	1370	1230	1500	1220
	41.31	50	51	85	169	0.13	1380	1230	1500	1220
	44.16	50	51	85	159	0.050	1420	1230	1500	1220
	47.78	50	51	85	147	0.10	1470	1230	1500	1220
	51.52	50	51	85	136	0.090	1510	1230	1500	1220
	60.32	50	51	85	116	0.070	1510	1230	1500	1220
	71.47	50	51	85	98	0.060	1510	1230	1500	1220
	78.24	50	51	85	89	0.050	1510	1230	1500	1220



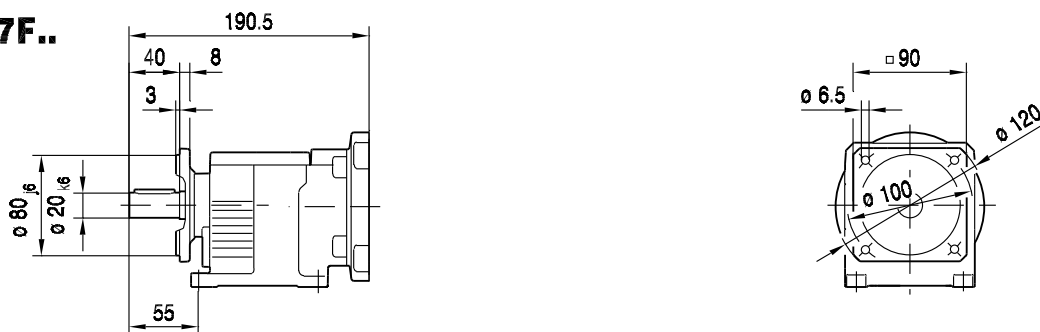
01 144 00 08

R07..

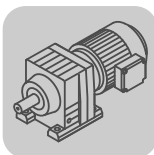


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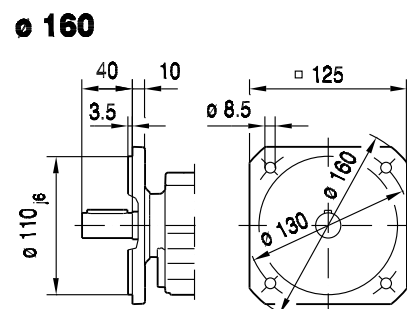
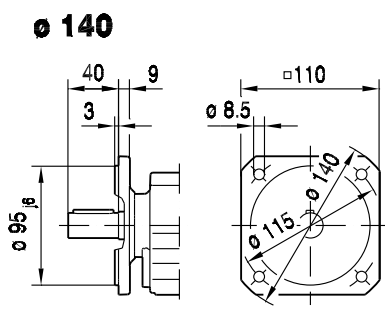
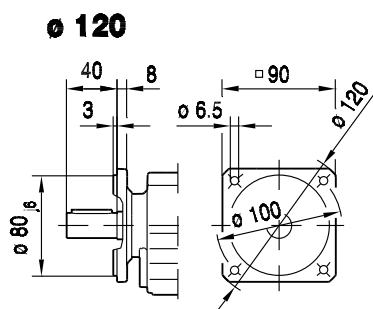
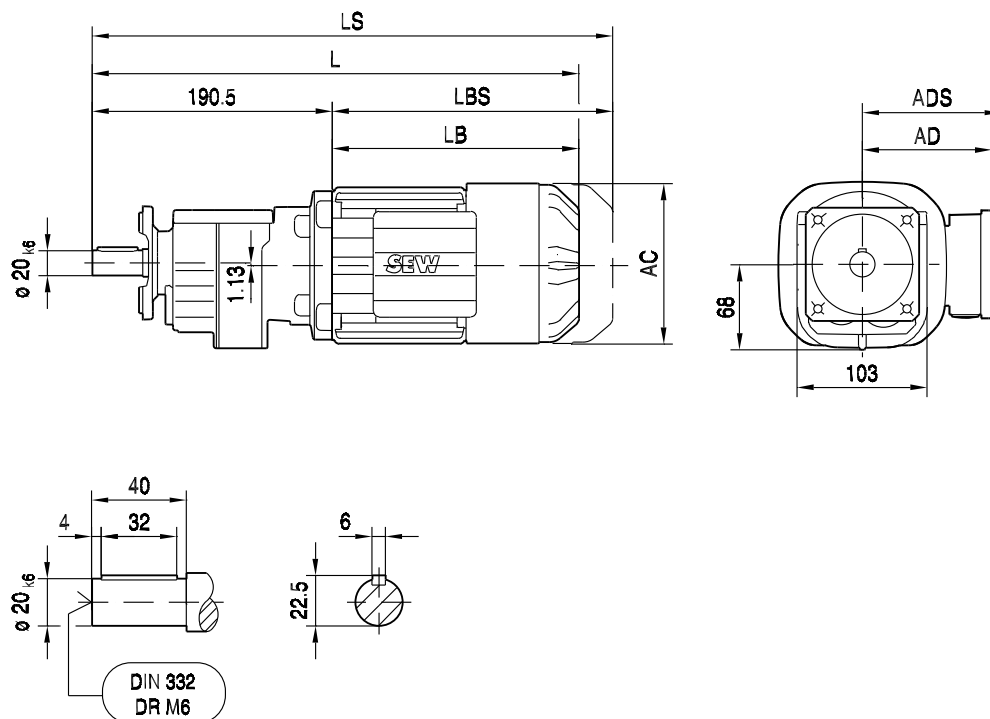
R07F..



(→ 129)	DRL71S	DRL71M						
AC	139	139						
AD	119	119						
ADS	129	129						
L	428	453						
LS	493	518						
LB	245	270						
LBS	309	334						



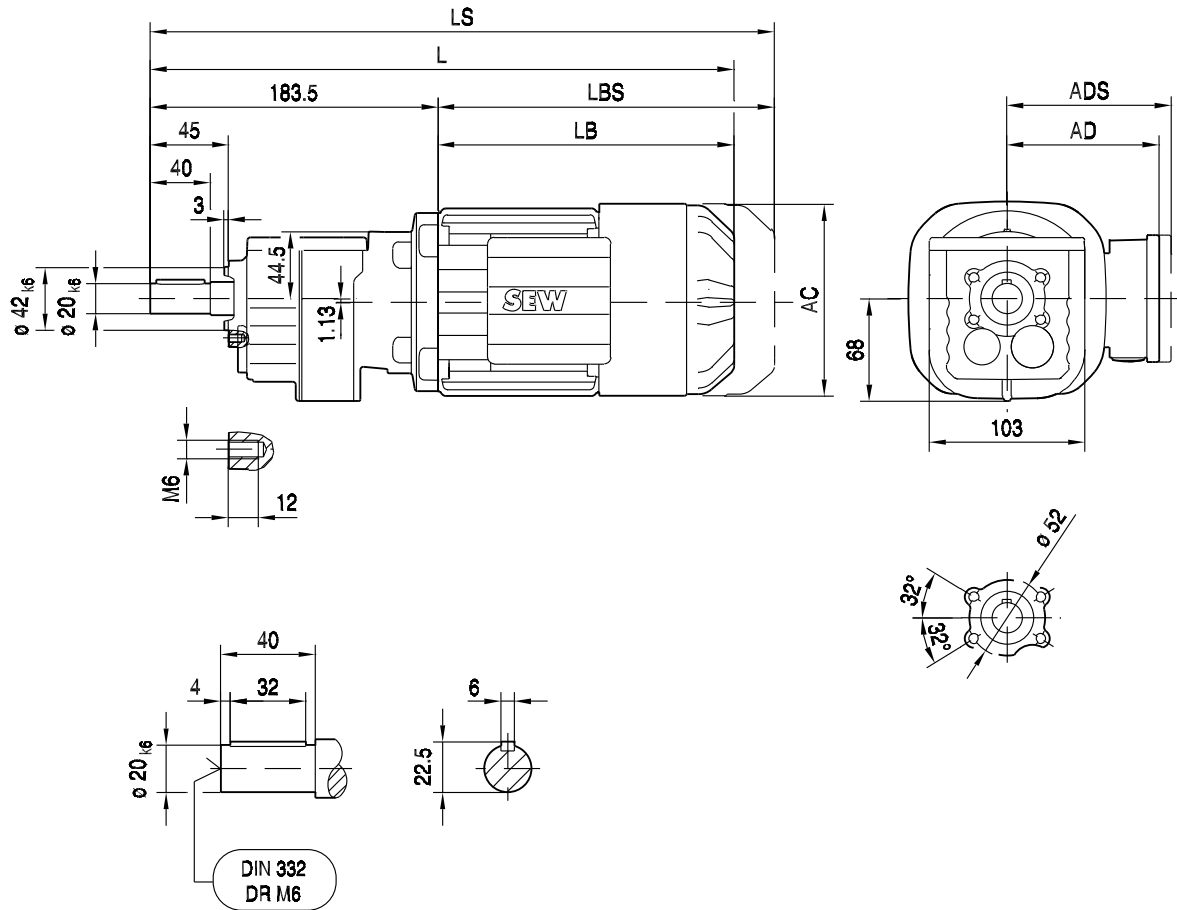
01 145 00 08

RF07..

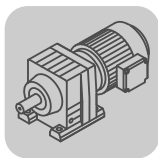
(→ 129)	DRL71S	DRL71M						
AC	139	139						
AD	119	119						
ADS	129	129						
L	435	460						
LS	500	525						
LB	245	270						
LBS	309	334						

01 146 00 08

RZ07..



(→  129)	DRL71S	DRL71M						
AC	139	139						
AD	119	119						
ADS	129	129						
L	428	453						
LS	493	518						
LB	245	270						
LBS	309	334						

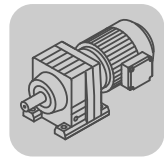

8.3.2 R 17

M_{aDyn}	Nm	DRL		
		71S	D2	71M
	i	D1		D1
R17  2	3.83	19	32	26
	4.51	22	37	31
	5.09	25	42	35
	5.76	28	47	39
	6.15	30	51	42
	7.04	34	>58	48
	7.55	37	>59	51
	8.63	41	70	58
	10.15	49	83	68
	11.45	55	>86	77
	12.98	62	>86	>86
	13.84	66	>86	>86
	15.84	76	>86	>86
	16.99	82	>86	>86
	19.71	>86	>86	>86
	23.15	>86		>86
	25.23	>86		>86
R17  3	24.07	>86	>86	>86
	28.32	>86	>86	>86
	31.94	>86	>86	>86
	36.20	>86	>86	>86
	38.61	>86	>86	>86
	44.18	>86	>86	>86
	47.44	>86	>86	>86
	53.76	>86	>86	>86
	57.35	>86	>86	>86
	65.61	>86	>86	>86
	70.39	>86	>86	>86
	81.64	>86	>86	>86

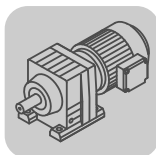


m kg		DRL	
	s	71S	71M
R17	 2	11	12
R17	 3	11	13

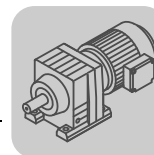
RF: + -0.1 kg



DRL..	i	n _{epk} 1/min	η %	C _{TG}	
				R Nm/'	RF Nm/'
R17  2	3.83	4500	97	3.0	3.0
	4.51	4500	97	3.0	3.0
	5.09	4500	97	3.0	3.0
	5.76	4500	97	3.0	3.0
	6.15	4500	97	3.0	3.0
	7.04	4500	97	3.0	3.0
	7.55	4500	97	3.0	3.0
	8.63	4500	96	4.4	4.3
	10.15	4500	96	4.4	4.3
	11.45	4500	96	4.4	4.3
	12.98	4500	96	4.4	4.3
	13.84	4500	96	4.4	4.3
	15.84	4500	96	4.4	4.3
	16.99	4500	96	4.4	4.3
	19.71	4500	96	4.4	4.3
	23.15	4500	96	4.4	4.3
	25.23	4500	96	4.4	4.3
R17  3	24.07	4500	93	4.6	4.4
	28.32	4500	93	4.6	4.4
	31.94	4500	93	4.6	4.4
	36.20	4500	93	4.6	4.4
	38.61	4500	93	4.6	4.4
	44.18	4500	93	4.6	4.4
	47.44	4500	92	4.6	4.4
	53.76	4500	92	4.6	4.4
	57.35	4500	92	4.6	4.4
	65.61	4500	92	4.6	4.4
	70.39	4500	91	4.6	4.4
	81.64	4500	91	4.6	4.4

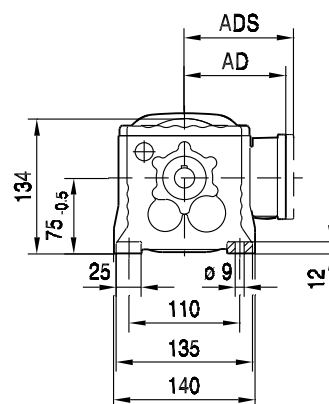
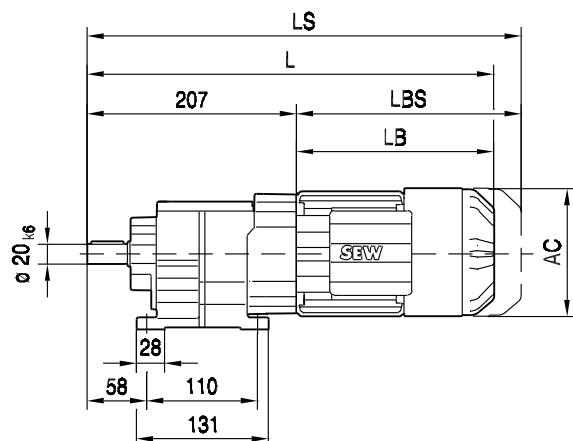


DRL.. $n_e = 1400$							F_{Ramax}		F_{Rapk}	
	i	M_{amax} Nm	M_{apk} Nm	$M_{aNotaus}$ Nm	n_{ak} 1/min	$J_G \cdot 10^{-4}$ kgm ²	R N	RF N	R N	RF N
R17 2	3.83	45	52	77	366	0.46	820	755	2500	2200
	4.51	48	54	82	310	0.35	870	795	2500	2200
	5.09	51	55	87	275	0.29	890	820	2500	2190
	5.76	53	59	90	243	0.24	930	860	2500	2180
	6.15	54	57	92	228	0.22	950	880	2500	2190
	7.04	55	58	94	227	0.18	1010	930	2500	2180
	7.55	56	59	95	225	0.16	1040	950	2500	2180
	8.63	72	86	122	162	0.39	1090	1000	1700	1510
	10.15	77	86	131	138	0.30	1140	1050	1700	1510
	11.45	81	86	138	122	0.26	1180	1080	1700	1510
	12.98	85	86	145	108	0.21	1230	1130	1700	1510
	13.84	85	86	145	108	0.20	1270	1160	1700	1510
	15.84	85	86	145	114	0.16	1350	1240	1700	1510
	16.99	85	86	145	112	0.15	1400	1280	1700	1510
	19.71	85	86	145	117	0.12	1500	1380	1700	1510
R17 3	23.15	85	86	145	117	0.090	1620	1480	1700	1510
	25.23	85	86	145	119	0.080	1680	1540	1700	1510
	24.07	85	86	145	104	0.41	1650	1510	1700	1510
	28.32	85	86	145	106	0.32	1770	1560	1700	1510
	31.94	85	86	145	103	0.27	1770	1560	1700	1510
	36.20	85	86	145	105	0.22	1770	1560	1700	1510
	38.61	85	86	145	104	0.20	1770	1560	1700	1510
	44.18	85	86	145	104	0.17	1770	1560	1700	1510
	47.44	85	86	145	110	0.25	1770	1560	1700	1510
	53.76	85	86	145	108	0.21	1770	1560	1700	1510
	57.35	85	86	145	108	0.19	1770	1560	1700	1510
	65.61	85	86	145	107	0.16	1770	1560	1700	1510
	70.39	85	86	145	99	0.14	1770	1560	1700	1510
	81.64	85	86	145	86	0.11	1770	1560	1700	1510

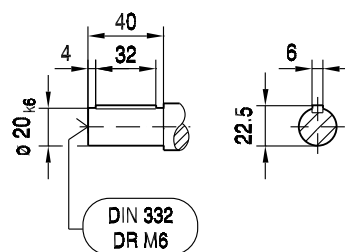
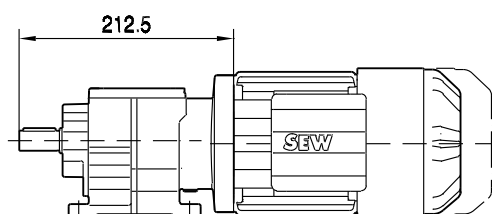


01 147 00 08

R17..

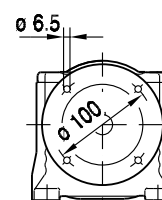
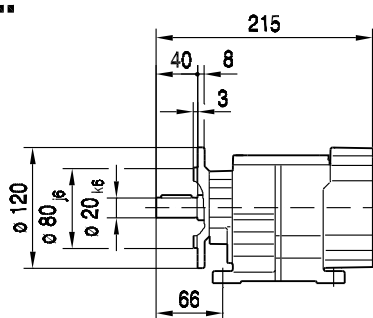


DRL80..

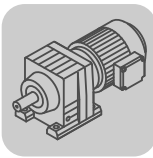


8

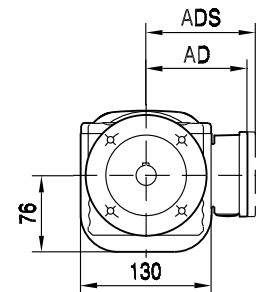
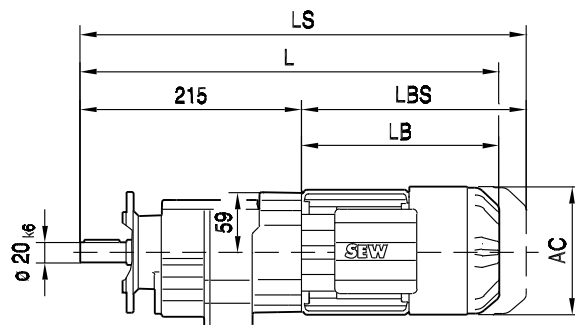
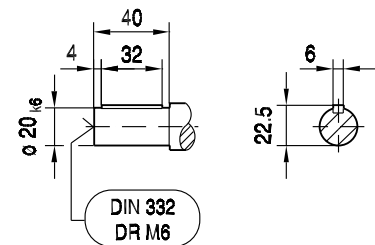
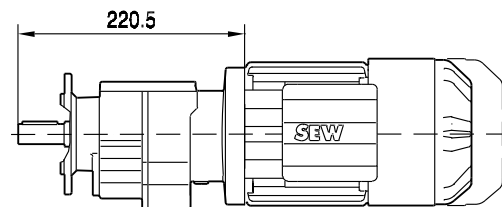
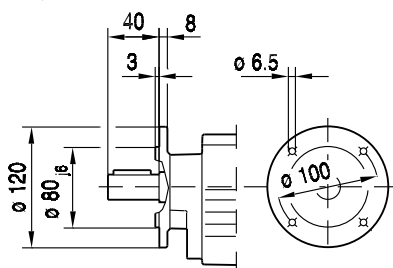
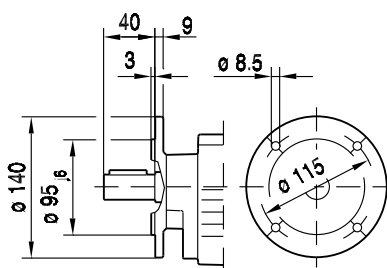
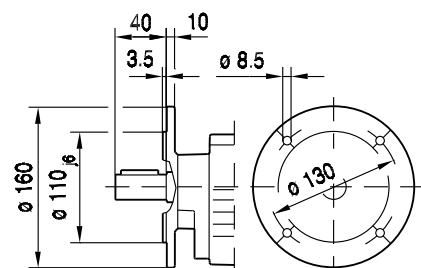
R17F..



(→ 129)	DRL71S	DRL71M						
AC	139	139						
AD	119	119						
ADS	129	129						
L	452	477						
LS	516	541						
LB	245	270						
LBS	309	334						

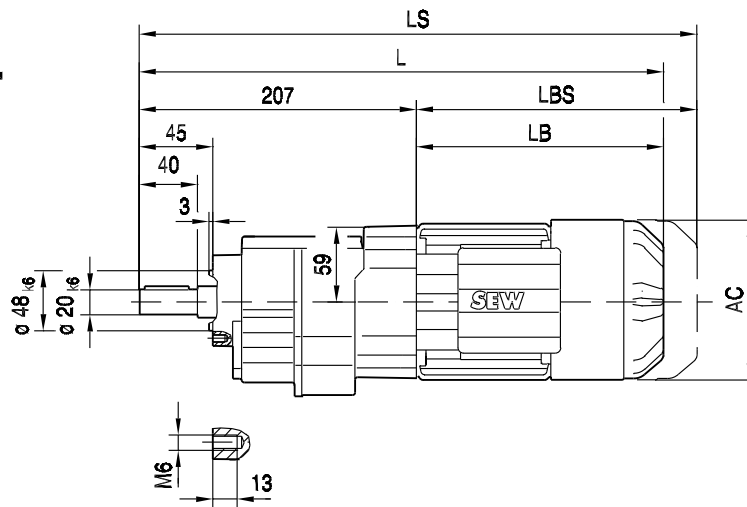


01 148 00 08

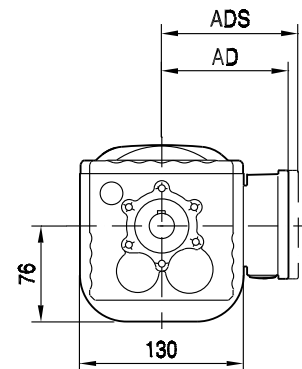
RF17..**DRL80..** **$\varnothing 120$**  **$\varnothing 140$**  **$\varnothing 160$** 

(→ 129)	DRL71S	DRL71M						
AC	139	139						
AD	119	119						
ADS	129	129						
L	460	485						
LS	524	549						
LB	245	270						
LBS	309	334						

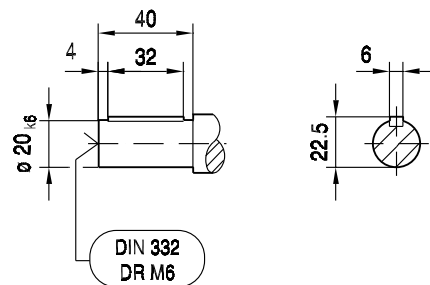
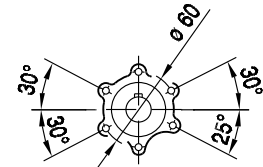
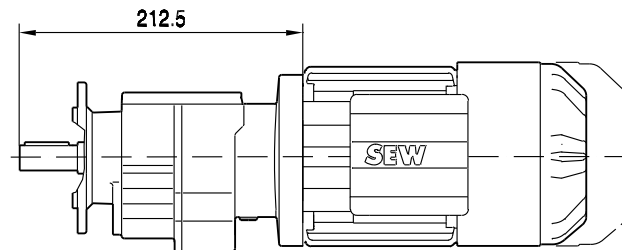
RZ17..



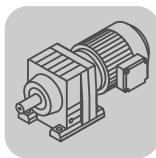
01 149 00 08



DRL80..



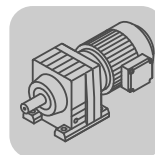
(→  129)	DRL71S	DRL71M						
AC	139	139						
AD	119	119						
ADS	129	129						
L	452	477						
LS	516	541						
LB	245	270						
LBS	309	334						


8.3.3 R 27

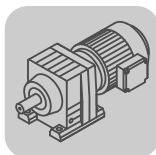
M _{aDyn} Nm	i	DRL									
		71S		71M		80S		80M	90L		100L
		D1	D2	D1	D2	D1	D2	D1	D1	D2	D1
R27 2	3.37	16	28	23	46	33	82	42	82	>118	114
	4.00	19	33	27	54	39	97	50	97	>127	>127
	4.27	21	35	29	58	41	104	54	104	>130	>130
	5.00	24	41	34	68	48	121	63	121	>142	>142
	5.60	27	46	38	76	54	136	71	136	>144	>144
	6.59	32	54	45	89	64	>145	83	>145		>145
	7.63	37	63	52	104	74	>148	96			
	8.16	40	67	55	111	79	>148	103			
	9.41	46	78	64		91		119			
	10.13	49	84	69	>136	98	>136	128	>136	>136	>136
	11.86	58	98	81	>136	115	>136	>136	>136	>136	>136
	13.28	64	109	90	>136	129	>136	>136	>136	>136	>136
	15.63	76	129	106	>136	>136	>136	>136	>136		>136
	18.08	88	>136	123	>136	>136	>136	>136			
	19.35	94	>136	131	>136	>136	>136	>136			
	22.32	108	>136	>136		>136		>136			
	26.09	125		>136							
	28.37	>136		>136							
R27 3	24.47	115	>136	>136	>136	>136	>136	>136	>136	>136	>136
	28.78	135	>136	>136	>136	>136	>136	>136	>136	>136	>136
	32.47	>136	>136	>136	>136	>136	>136	>136	>136	>136	>136
	36.79	>136	>136	>136	>136	>136	>136	>136			
	39.25	>136	>136	>136	>136	>136	>136	>136	>136		>136
	44.90	>136	>136	>136	>136	>136	>136	>136			
	48.17	>136	>136	>136	>136	>136	>136	>136			
	55.87	>136	>136	>136		>136		>136			
	61.30	>136	>136	>136	>136	>136	>136	>136	>136	>136	>136
	69.47	>136	>136	>136	>136	>136	>136	>136			
	74.11	>136	>136	>136	>136	>136	>136	>136	>136		>136
	84.78	>136	>136	>136	>136	>136	>136	>136			
	90.96	>136	>136	>136	>136	>136	>136	>136			
	105.49	>136	>136	>136		>136		>136			
	123.91	>136		>136							
	135.09	>136		>136							

	→ 124

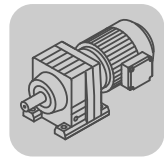
m kg		71S	71M	DRL 80S	80M	90L	100L
	s						
R27	2	12	13	15	18	25	33
R27	3	12	13	15	18	25	33
RF: + -0.1 kg							



DRL..	C _{TG}				
	i	n _{epk} 1/min	η %	R Nm/'	RF Nm/'
R27  2	3.37	4500	97	7.2	7.1
	4.00	4500	97	7.2	7.1
	4.27	4500	97	7.2	7.1
	5.00	4500	97	7.2	7.1
	5.60	4500	97	7.2	7.1
	6.59	4500	97	7.2	7.1
	7.63	4500	97	7.2	7.1
	8.16	4500	97	7.2	7.1
	9.41	4500	97	7.2	7.1
	10.13	4500	97	9.0	8.8
	11.86	4500	97	9.0	8.8
	13.28	4500	97	9.0	8.8
	15.63	4500	97	9.0	8.8
	18.08	4500	97	9.0	8.8
	19.35	4500	97	9.0	8.8
	22.32	4500	97	9.0	8.8
	26.09	4500	96	9.0	8.8
	28.37	4500	96	9.0	8.8
R27  3	24.47	4500	94	9.0	8.8
	28.78	4500	94	9.0	8.8
	32.47	4500	94	9.0	8.8
	36.79	4500	94	9.0	8.8
	39.25	4500	94	9.0	8.8
	44.90	4500	94	9.0	8.8
	48.17	4500	94	9.0	8.8
	55.87	4500	94	9.0	8.8
	61.30	4500	92	9.1	8.8
	69.47	4500	92	9.1	8.8
	74.11	4500	92	9.1	8.8
	84.78	4500	92	9.1	8.8
	90.96	4500	92	9.1	8.8
	105.49	4500	92	9.1	8.8
	123.91	4500	91	9.1	8.8
	135.09	4500	91	9.1	8.8

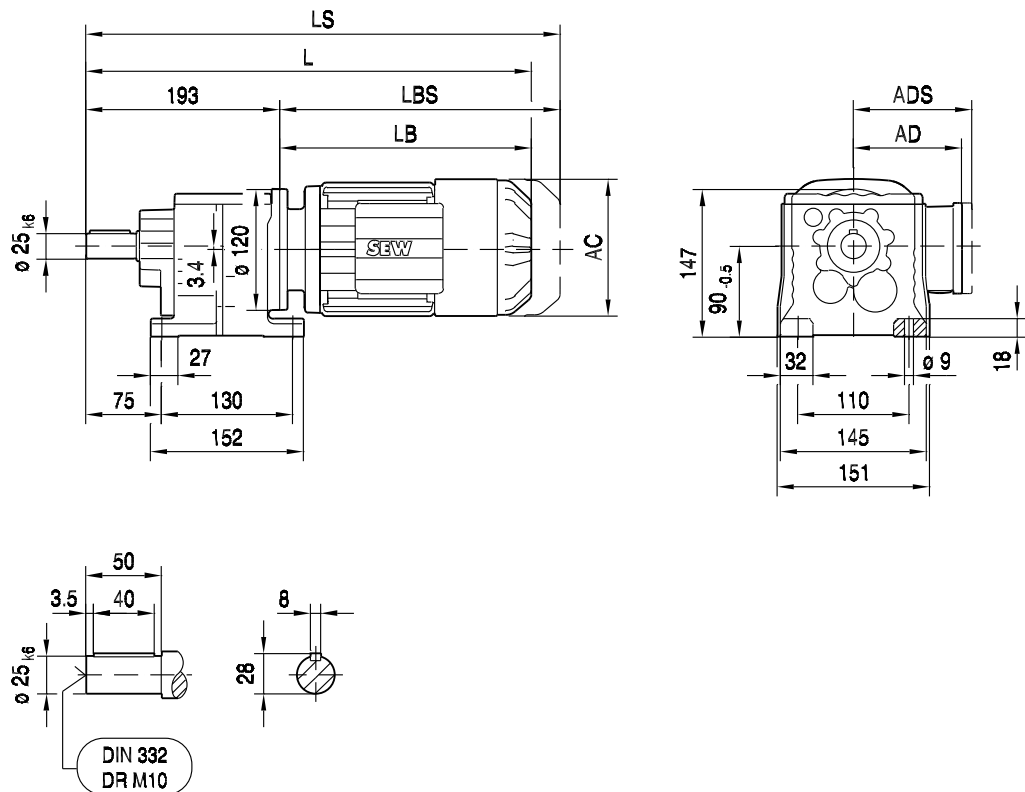


DRL.. $n_e = 1400$							F_{Ramax}		F_{Rapk}	
	i	M_{amax} Nm	M_{apk} Nm	$M_{aNotaus}$ Nm	n_{ak} 1/min	$J_G 10^{-4}$ kgm ²	R N	RF N	R N	RF N
R27 2	3.37	79	118	134	415	1.1	900	790	4290	3690
	4.00	85	127	145	350	0.85	900	800	4250	3660
	4.27	87	130	148	328	0.76	920	810	4230	3640
	5.00	95	142	162	280	0.58	860	760	4180	3590
	5.60	99	144	168	250	0.48	880	775	4170	3580
	6.59	106	145	180	212	0.36	880	775	4160	3580
	7.63	112	148	190	183	0.29	900	795	4150	3570
	8.16	116	148	197	172	0.26	870	770	4150	3570
	9.41	122	149	207	149	0.21	900	795	4140	3560
	10.13	122	136	207	138	0.61	1890	1670	4210	3620
	11.86	129	136	219	118	0.47	1980	1750	4210	3620
	13.28	130	136	221	120	0.39	2140	1910	4210	3620
	15.63	130	136	221	122	0.29	2290	2170	4210	3620
	18.08	130	136	221	122	0.24	2440	2310	4210	3620
	19.35	130	136	221	124	0.22	2510	2380	4210	3620
	22.32	130	136	221	125	0.18	2660	2520	4210	3620
	26.09	130	136	221	126	0.14	2840	2690	4210	3620
	28.37	130	136	221	130	0.12	2940	2780	4210	3620
R27 3	24.47	130	136	221	98	0.49	2760	2620	4210	3620
	28.78	130	136	221	97	0.37	2950	2800	4210	3620
	32.47	130	136	221	99	0.31	3100	2940	4210	3620
	36.79	130	136	221	98	0.25	3260	3090	4210	3620
	39.25	130	136	221	97	0.22	3350	3170	4210	3620
	44.90	130	136	221	98	0.18	3530	3340	4210	3620
	48.17	130	136	221	98	0.16	3630	3430	4210	3620
	55.87	130	136	221	98	0.13	3840	3640	4210	3620
	61.30	130	136	221	106	0.26	3980	3640	4210	3620
	69.47	130	136	221	101	0.22	4180	3640	4210	3620
	74.11	130	136	221	94	0.20	4230	3640	4210	3620
	84.78	130	136	221	83	0.16	4230	3640	4210	3620
	90.96	130	136	221	77	0.15	4230	3640	4210	3620
	105.49	130	136	221	66	0.12	4230	3640	4210	3620
	123.91	130	136	221	56	0.090	4230	3640	4210	3620
	135.09	130	136	221	52	0.080	4230	3640	4210	3620



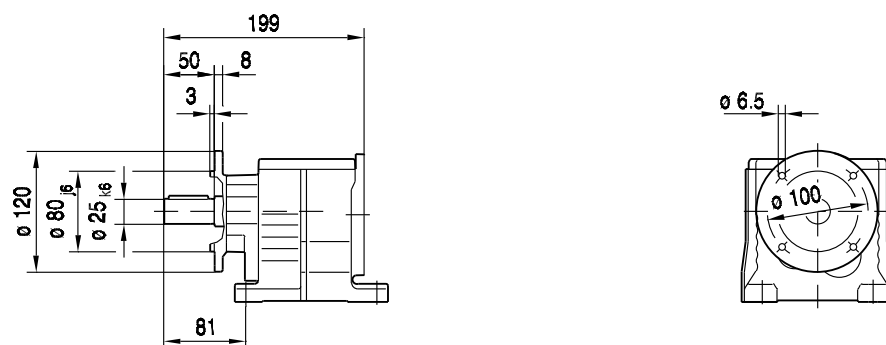
01 150 00 08

R27..

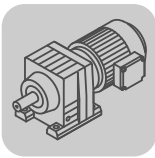


8

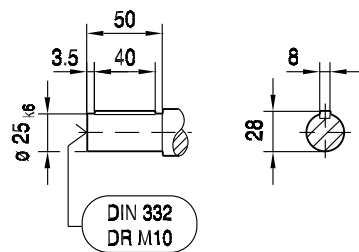
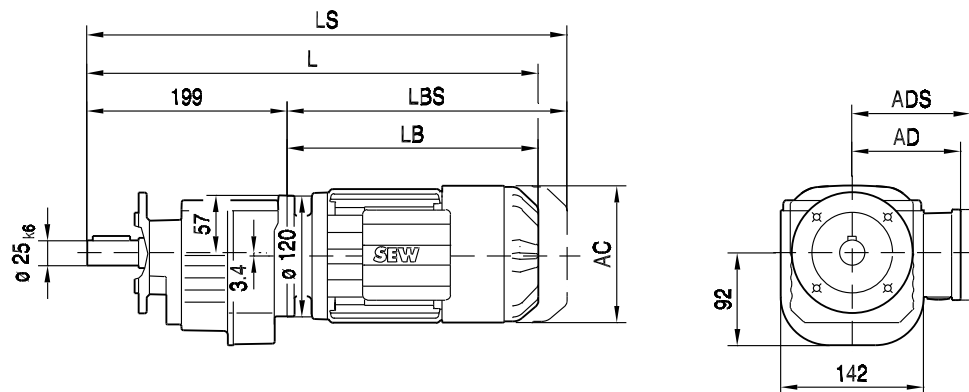
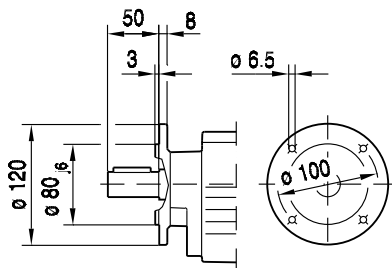
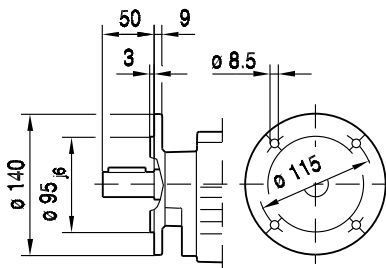
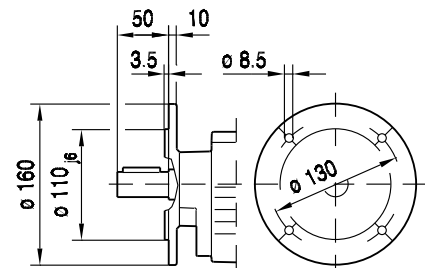
R27F..



(→ 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		



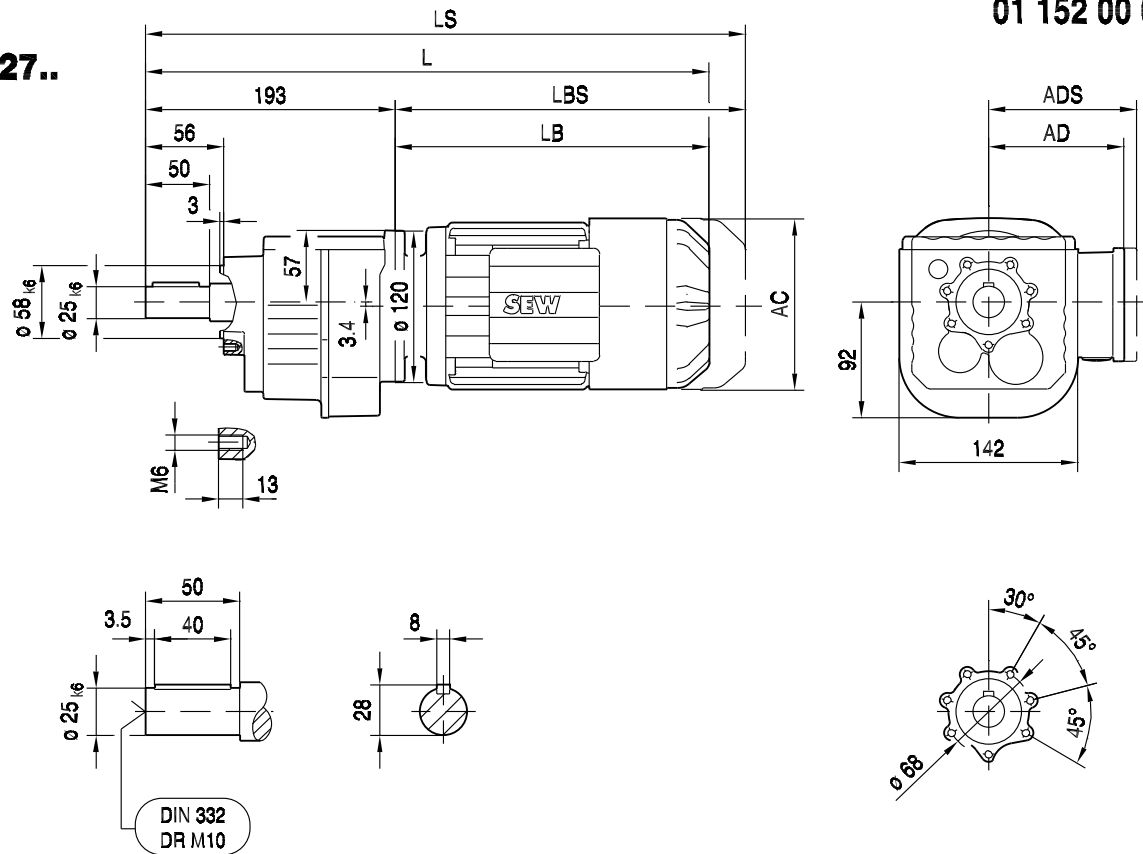
01 151 00 08

RF27.. **$\phi 120$**  **$\phi 140$**  **$\phi 160$** 

(→ 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	487	512	531	562	579	638		
LS	551	576	611	642	665	725		
LB	288	313	332	363	380	439		
LBS	352	377	412	443	466	526		

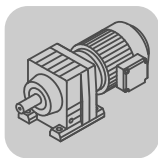
01 152 00 08

RZ27..



8

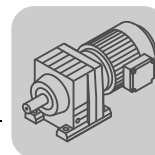
(⇒  129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L		
AC	139	139	156	156	179	197		
AD	119	119	128	128	140	157		
ADS	129	129	139	139	150	158		
L	481	506	525	556	573	632		
LS	545	570	605	636	659	719		
LB	288	313	332	363	380	439		
LBS	352	377	412	443	466	526		


8.3.4 R 37

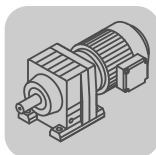
M _{aDyn} Nm	i	DRL									
		71S		71M		80S		80M	90L		100L
		D1	D2	D1	D2	D1	D2	D1	D1	D2	D1
R37 2	3.41	17	28	23	46	33	83	43	83	>147	116
	4.05	20	33	27	55	39	98	51	98	>153	137
	4.32	21	36	29	59	42	105	54	105	>155	147
	5.06	25	42	34	69	49	123	64	123	>156	>156
	5.67	27	47	38	77	55	137	71	137	>156	>156
	6.67	32	55	45	91	65	162	84	162		>166
	7.97	39	66	54	108	77	193	101	193	>205	>205
	9.47	46	78	64	129	92	>205	119	>205	>205	>205
	10.11	49	83	69	137	98	>205	127	>205	>205	>205
	11.83	57	98	80	161	115	>205	149	>205	>205	>205
	13.25	64	109	90	180	129	>205	167	>205	>205	>205
	15.60	76	129	106	>205	151	>205	197	>205		>205
	18.05	88	149	123	>205	175	>205	>205			
	19.31	94	159	131	>205	187	>205	>205			
	22.27	108	184	151		>205		>205			
	26.03	126		177							
	28.32	137		192							
R37 3	24.42	116	197	162	>205	>205	>205	>205	>205	>205	>205
	28.73	136	>205	191	>205	>205	>205	>205	>205	>205	>205
	32.40	154	>205	>205	>205	>205	>205	>205	>205	>205	>205
	36.72	174	>205	>205	>205	>205	>205	>205			
	39.17	186	>205	>205	>205	>205	>205	>205	>205		>205
	44.81	>205	>205	>205	>205	>205	>205	>205			
	48.08	>205	>205	>205	>205	>205	>205	>205			
	55.76	>205	>205	>205		>205		>205			
	61.18	>205	>205	>205	>205	>205	>205	>205	>205	>205	>205
	69.33	>205	>205	>205	>205	>205	>205	>205			
	73.96	>205	>205	>205	>205	>205	>205	>205	>205		>205
	84.61	>205	>205	>205	>205	>205	>205	>205			
	90.77	>205	>205	>205	>205	>205	>205	>205			
	105.28	>205	>205	>205		>205		>205			
	123.66	>205		>205							
	134.82	>205		>205							

	→ 124

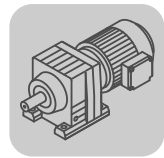
m kg		71S	71M	DRL 80S	80M	90L	100L
	s						
R37	2	17	18	21	23	31	39
R37	3	18	19	21	24	31	39
RF: + 1.5 kg							



DRL..		n _{epk} 1/min	η %	C _{TG}		φ /R °
i				R Nm/'	RF Nm/'	
R37  2	3.41	3587	97	9.7	9.5	14
	4.05	4261	97	9.7	9.5	13
	4.32	4500	97	9.7	9.5	13
	5.06	4500	97	9.7	9.5	13
	5.67	4500	97	9.7	9.5	12
	6.67	4500	97	9.7	9.5	12
	7.97	4500	97	13	12	8
	9.47	4500	97	13	12	8
	10.11	4500	97	13	12	8
	11.83	4500	97	13	12	8
	13.25	4500	97	13	12	8
	15.60	4500	97	13	12	8
	18.05	4500	97	13	12	8
	19.31	4500	97	13	12	7
	22.27	4500	97	13	12	7
	26.03	4500	97	13	12	7
	28.32	4500	97	13	12	7
R37  3	24.42	4500	95	13	12	9
	28.73	4500	95	13	12	9
	32.40	4500	95	13	12	9
	36.72	4500	95	13	12	9
	39.17	4500	95	13	12	9
	44.81	4500	95	13	12	9
	48.08	4500	95	13	12	9
	55.76	4500	95	13	12	9
	61.18	4500	94	13	13	8
	69.33	4500	94	13	13	8
	73.96	4500	94	13	13	8
	84.61	4500	93	13	13	8
	90.77	4500	93	13	13	8
	105.28	4500	93	13	13	8
	123.66	4500	93	13	13	8
	134.82	4500	93	13	13	8

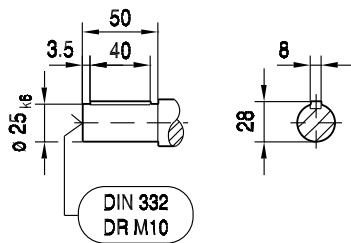
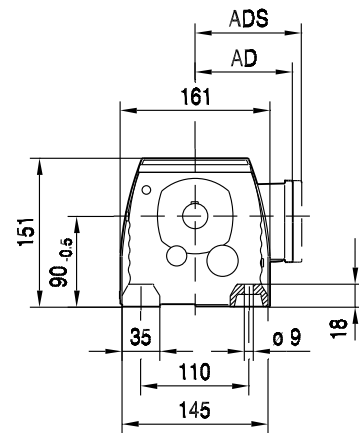
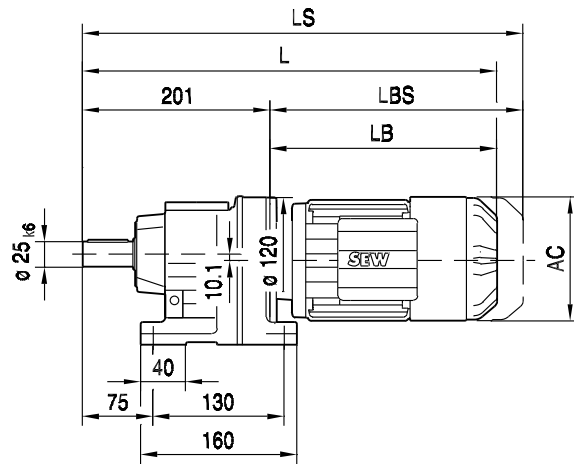


DRL.. $n_e = 1400$							F_{Ramax}		F_{Rapk}	
	i	M_{amax} Nm	M_{apk} Nm	$M_{aNotaus}$ Nm	n_{ak} 1/min	$J_G \cdot 10^{-4}$ kgm ²	R N	RF N	R N	RF N
R37 2	3.41	112	147	190	411	1.4	900	800	5500	5500
	4.05	122	153	207	346	1.1	840	750	5440	5440
	4.32	126	155	214	324	0.95	820	725	5430	5430
	5.06	135	156	230	277	0.72	790	700	5420	5420
	5.67	142	156	241	247	0.59	760	675	5420	5420
	6.67	144	166	245	210	0.43	1000	890	5320	5320
	7.97	156	205	265	176	0.96	1720	1520	4880	4880
	9.47	167	205	284	148	0.74	1760	1560	4880	4880
	10.11	170	205	289	138	0.66	1820	1620	4880	4880
	11.83	183	205	311	118	0.51	1810	1610	4880	4880
	13.25	190	205	323	106	0.43	1880	1670	4880	4880
	15.60	200	205	340	90	0.31	2010	1780	4880	4880
	18.05	200	205	340	94	0.26	2390	2120	4880	4880
	19.31	200	205	340	93	0.23	2570	2280	4880	4880
	22.27	200	205	340	99	0.19	2970	2640	4880	4880
	26.03	185	205	315	127	0.15	3860	3420	4880	4880
R37 3	28.32	200	205	340	99	0.13	3690	3270	4880	4880
	24.42	200	205	340	70	0.53	3240	2870	4880	4880
	28.73	200	205	340	70	0.39	3740	3310	4880	4880
	32.40	200	205	340	71	0.31	4120	3650	4880	4880
	36.72	200	205	340	71	0.25	4540	4020	4880	4880
	39.17	200	205	340	71	0.23	4760	4220	4880	4880
	44.81	200	205	340	71	0.19	4940	4640	4880	4880
	48.08	200	205	340	73	0.17	4940	4870	4880	4880
	55.76	200	205	340	74	0.13	4940	4940	4880	4880
	61.18	200	205	340	75	0.26	4940	4940	4880	4880
	69.33	200	205	340	75	0.22	4940	4940	4880	4880
	73.96	200	205	340	76	0.20	4940	4940	4880	4880
	84.61	200	205	340	76	0.16	4940	4940	4880	4880
	90.77	200	205	340	76	0.15	4940	4940	4880	4880
	105.28	200	205	340	66	0.12	4940	4940	4880	4880
	123.66	200	205	340	57	0.090	4940	4940	4880	4880
	134.82	200	205	340	52	0.080	4940	4940	4880	4880

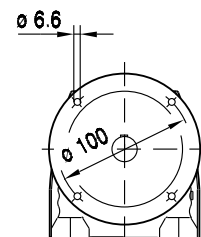
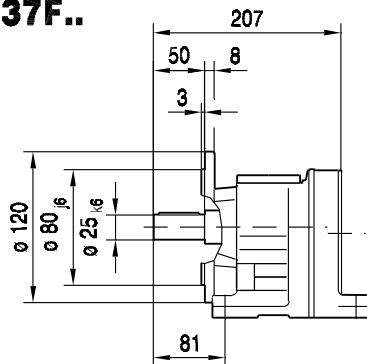


01 153 00 08

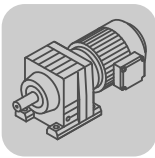
R37..



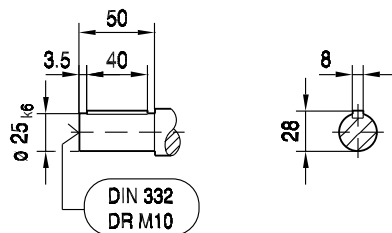
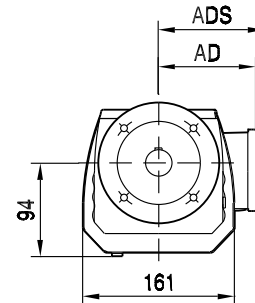
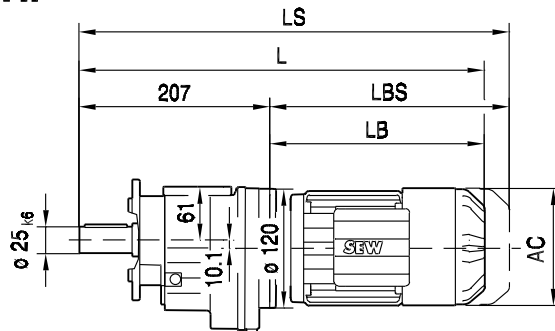
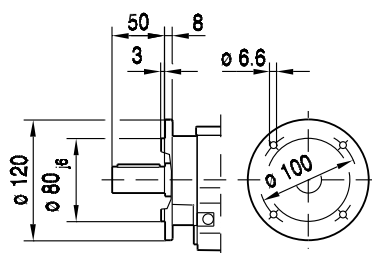
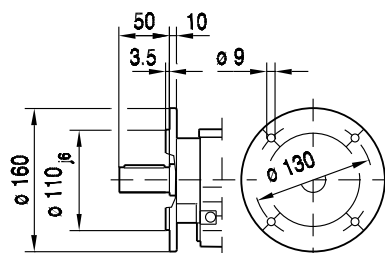
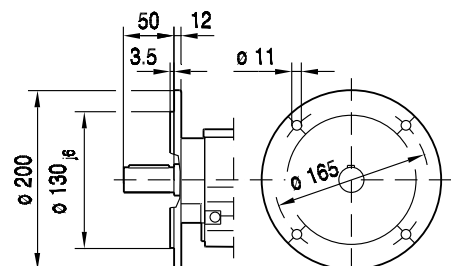
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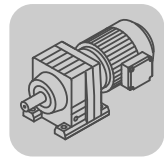
(→ 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L		
AC	139	139	156	156	179	197		
AD	119	119	128	128	140	157		
ADS	129	129	139	139	150	158		
L	489	514	533	564	581	640		
LS	553	578	613	644	667	727		
LB	288	313	332	363	380	439		
LBS	352	377	412	443	466	526		



01 154 00 08

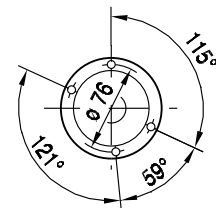
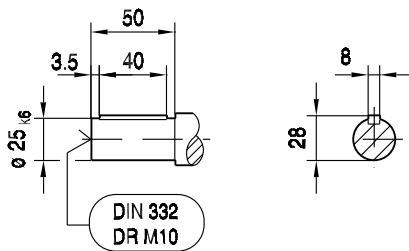
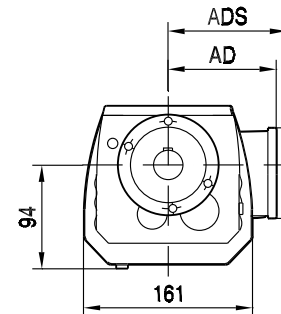
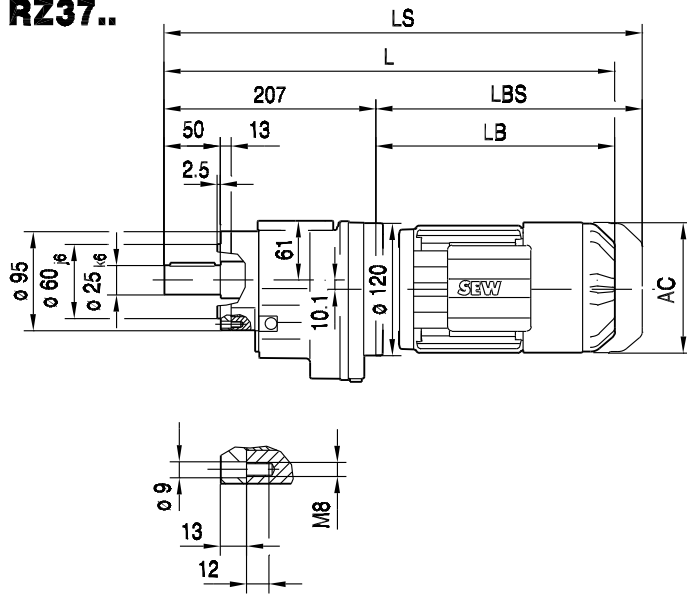
RF37..**ø 120****ø 160****ø 200**

(→ 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	495	520	539	570	587	646		
LS	559	584	619	650	673	733		
LB	288	313	332	363	380	439		
LBS	352	377	412	443	466	526		

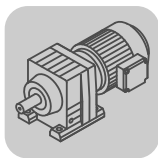


RZ37..

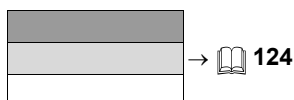
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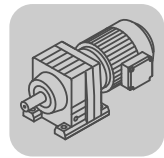
(→ 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L		
AC	139	139	156	156	179	197		
AD	119	119	128	128	140	157		
ADS	129	129	139	139	150	158		
L	495	520	539	570	587	646		
LS	559	584	619	650	673	733		
LB	288	313	332	363	380	439		
LBS	352	377	412	443	466	526		


8.3.5 R 47

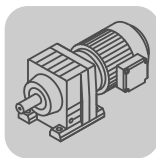
M _{aDyn} Nm	i	DRL											
		71S		71M		80S		80M		90L		100L	132S
		D1	D2	D1	D2	D1	D2	D1	D2	D1	D2	D1	D1
R47 2	3.83	19	32	26	52	37	93	48	123	93	>166	130	>166
	4.34	21	36	29	59	42	105	55	139	105	>170	147	>170
	4.85	24	40	33	66	47	118	61	155	118	>175	165	>175
	5.64	27	47	38	77	55	137	71	>180	137	>180	>180	>180
	6.00	29	49	41	81	58	146	76	>182	146	>182	>182	>182
	6.96	34	57	47	95	68	169	88	>187	169	>187	>187	
	7.76	38	64	53	105	75	188	98	>190	188	>190	>190	
	8.01	39	66	54	109	78	194	101	255	194	>300	270	>300
	9.07	44	75	62	123	88	215	114	290	215	>305	>305	>305
	10.15	49	84	69	138	98	245	128	>305	245	>305	>305	>305
	11.79	57	97	80	160	114	285	149	>305	285	>305	>305	>305
	12.54	61	103	85	170	122	300	158	>305	300	>305	>305	>305
	14.56	71	120	99	198	141	>305	184	>305	>305	>305	>305	
	16.22	79	134	110	220	157	>305	200	>305	>305	>305	>305	
	17.89	87	148	121	240	174	>305	225					
	19.27	93	159	131	260	187	>305	240	>305	>305		>305	
	21.81	106	180	148	295	210	>305	275					
	23.28	113	192	158	>305	225	>305	290					
	26.74	130	220	182		255		>305					
	31.12	151		210									
	33.79	164		225									
R47 3	23.59	112	190	157	>305	220	>305	290	>305	>305		>305	
	26.70	127	215	178	>305	250	>305	>305	>305	>305		>305	
	29.88	142	240	199	>305	280	>305	>305	>305	>305		>305	
	34.73	165	280	230	>305	>305	>305	>305	>305	>305		>305	
	36.93	175	295	245	>305	>305	>305	>305	>305	>305		>305	
	42.87	200	>305	285	>305	>305	>305	>305	>305	>305		>305	
	47.75	225	>305	>305	>305	>305	>305	>305	>305	>305		>305	
	52.69	250	>305	>305	>305	>305	>305	>305					
	56.73	265	>305	>305	>305	>305	>305	>305	>305	>305		>305	
	64.21	300	>305	>305	>305	>305	>305	>305					
	68.54	>305	>305	>305	>305	>305	>305	>305					
	76.23	>305	>305	>305	>305	>305	>305	>305					
	84.90	>305	>305	>305	>305	>305	>305	>305					
	93.68	>305	>305	>305	>305	>305	>305	>305					
	100.86	>305	>305	>305	>305	>305	>305	>305					
	114.17	>305	>305	>305	>305	>305	>305	>305					
	121.87	>305	>305	>305	>305	>305	>305	>305					
	139.99	>305	>305	>305		>305		>305					
	162.94	>305		>305									
	176.88	>305		>305									



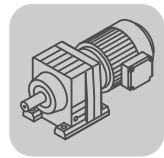
m kg		DRL						
	s	71S	71M	80S	80M	90L	100L	132S
R47	2	21	22	24	27	35	42	58
R47	3	21	22	25	28	35	43	59
RF: + 0.1 kg								



DRL..		n _{epk} 1/min	η %	C _{TG}		φ /R °
	i			R Nm/'	RF Nm/'	
R47  2	3.83	3657	97	11	11	11
	4.34	4144	97	11	11	11
	4.85	4500	97	11	11	10
	5.64	4500	97	11	11	10
	6.00	4500	97	11	11	10
	6.96	4500	97	11	11	10
	7.76	4500	97	11	11	10
	8.01	4500	97	15	15	8
	9.07	4500	97	15	15	8
	10.15	4500	97	15	15	7
	11.79	4500	97	15	15	7
	12.54	4500	97	15	15	7
	14.56	4500	97	15	15	7
	16.22	4500	97	15	15	7
	17.89	4500	97	15	15	7
	19.27	4500	97	15	15	7
	21.81	4500	97	15	15	7
	23.28	4500	97	15	15	7
	26.74	4500	97	15	15	7
	31.12	4500	97	15	15	7
	33.79	4500	97	15	15	7
R47  3	23.59	4500	95	15	15	8
	26.70	4500	95	15	15	8
	29.88	4500	95	15	15	8
	34.73	4500	95	15	15	8
	36.93	4500	95	15	15	8
	42.87	4500	95	15	15	8
	47.75	4500	95	15	15	8
	52.69	4500	95	15	15	8
	56.73	4500	95	15	15	8
	64.21	4500	95	15	15	8
	68.54	4500	95	15	15	8
	76.23	4500	94	15	15	7
	84.90	4500	94	15	15	7
	93.68	4500	94	15	15	7
	100.86	4500	93	15	15	7
	114.17	4500	93	15	15	7
	121.87	4500	93	15	15	7
	139.99	4500	93	15	15	7
	162.94	4500	93	15	15	7
	176.88	4500	93	15	15	7

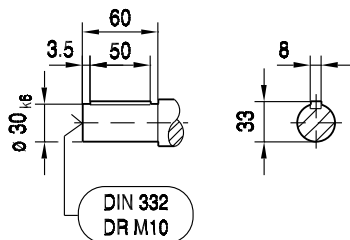
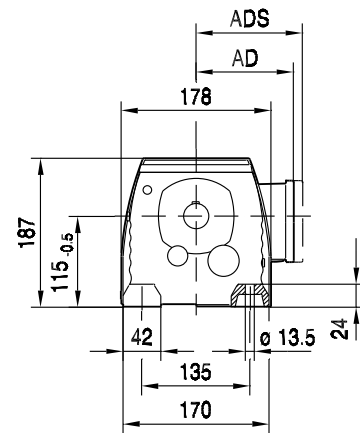
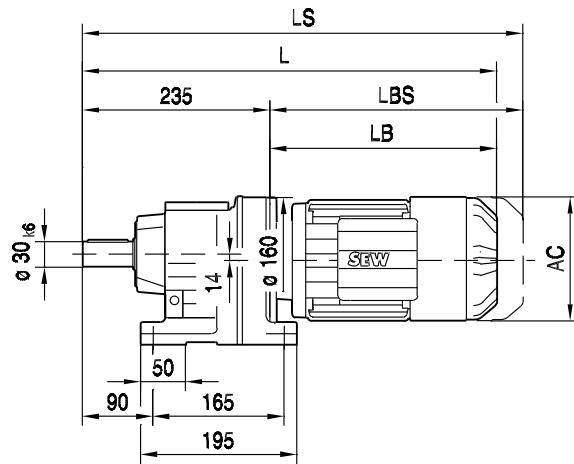


DRL.. $n_e = 1400$							F_{Ramax}		F_{Rapk}	
	i	M_{amax} Nm	M_{apk} Nm	$M_{aNotaus}$ Nm	n_{ak} 1/min	$J_G \cdot 10^{-4}$ kgm ²	R N	RF N	R N	RF N
R47  2	3.83	144	166	245	392	2.6	2080	2080	5960	5960
	4.34	146	170	248	415	2.0	2190	2190	5940	5940
	4.85	150	175	255	392	1.7	2280	2280	5930	5930
	5.64	155	180	264	372	1.3	2410	2410	5920	5920
	6.00	156	182	265	383	1.2	2470	2470	5910	5910
	6.96	159	187	270	374	0.93	2620	2620	5890	5890
	7.76	163	190	277	361	0.77	2720	2720	5880	5880
	8.01	205	300	349	200	2.0	2690	2690	5420	5420
	9.07	220	305	374	165	1.6	2780	2780	5390	5390
	10.15	230	305	391	158	1.3	2880	2880	5390	5390
	11.79	245	305	417	136	1.0	3020	3020	5390	5390
	12.54	250	305	425	128	0.95	3080	3080	5390	5390
	14.56	265	305	451	110	0.74	3230	3230	5390	5390
	16.22	275	305	468	99	0.63	3350	3350	5390	5390
	17.89	290	305	493	84	0.51	3390	3390	5390	5390
	19.27	295	305	502	83	0.48	3530	3530	5390	5390
	21.81	300	305	510	78	0.39	3710	3710	5390	5390
	23.28	300	305	510	82	0.36	3820	3820	5390	5390
	26.74	300	305	510	82	0.29	4050	4050	5390	5390
	31.12	220	305	374	212	0.23	4610	4610	5390	5390
R47  3	33.79	240	305	408	163	0.20	4680	4680	5390	5390
	23.59	300	305	510	85	1.7	3840	3840	5390	5390
	26.70	300	305	510	86	1.4	4050	4050	5390	5390
	29.88	300	305	510	84	1.2	4240	4240	5390	5390
	34.73	300	305	510	84	0.93	4520	4520	5390	5390
	36.93	300	305	510	84	0.85	4630	4630	5390	5390
	42.87	300	305	510	86	0.67	4930	4930	5390	5390
	47.75	300	305	510	86	0.56	5140	5140	5390	5390
	52.69	300	305	510	85	0.47	5350	5350	5390	5390
	56.73	300	305	510	85	0.44	5420	5420	5390	5390
	64.21	300	305	510	86	0.37	5420	5420	5390	5390
	68.54	300	305	510	86	0.33	5420	5420	5390	5390
	76.23	300	305	510	89	0.60	5420	5420	5390	5390
	84.90	300	305	510	82	0.52	5420	5420	5390	5390
	93.68	300	305	510	75	0.43	5420	5420	5390	5390
	100.86	300	305	510	69	0.41	5420	5420	5390	5390
	114.17	300	305	510	61	0.34	5420	5420	5390	5390
	121.87	300	305	510	57	0.31	5420	5420	5390	5390
	139.99	300	305	510	50	0.25	5420	5420	5390	5390
	162.94	300	305	510	43	0.20	5420	5420	5390	5390
	176.88	300	305	510	40	0.18	5420	5420	5390	5390

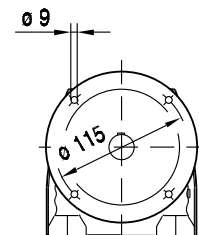
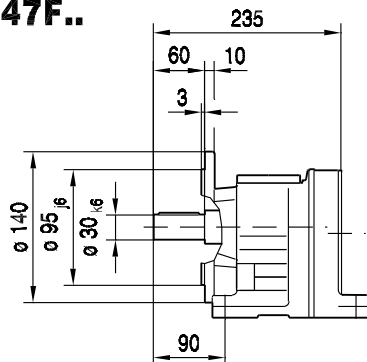


01 156 00 08

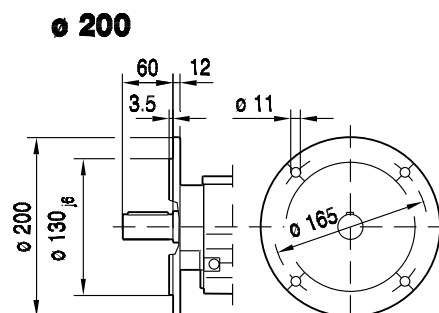
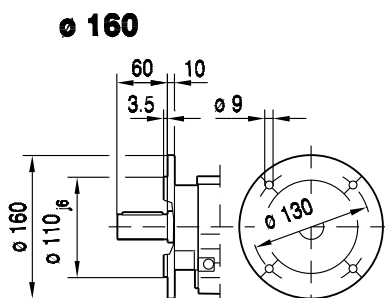
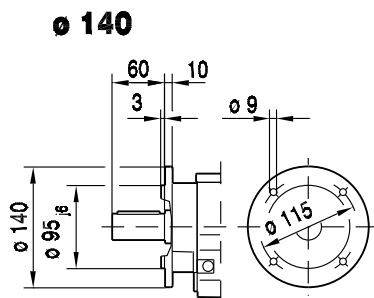
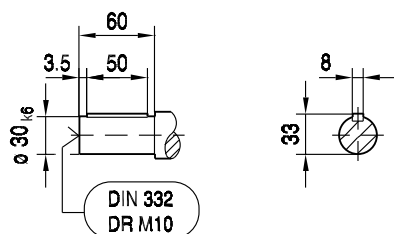
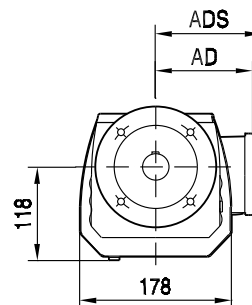
R47..

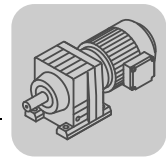


R47F..



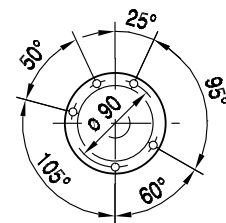
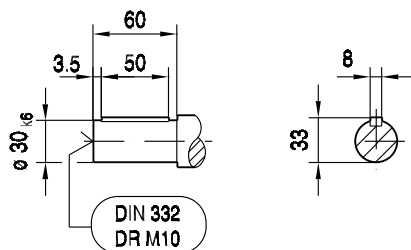
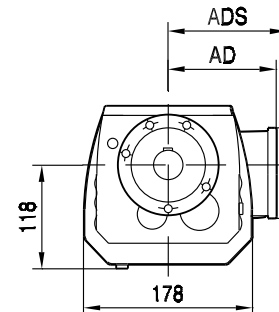
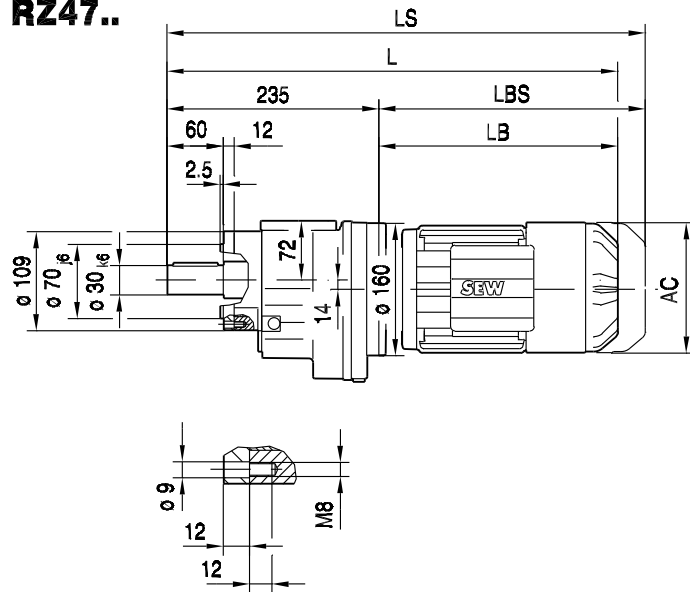
(→ 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	
AC	139	139	156	156	179	197	221	
AD	119	119	128	128	140	157	170	
ADS	129	129	139	139	150	158	172	
L	515	540	561	592	606	665	750	
LS	580	605	641	672	692	752	858	
LB	280	305	326	357	371	430	515	
LBS	345	370	406	437	457	517	623	

RF47..184

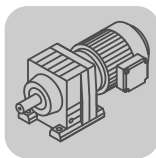


RZ47..

01 158 00 08



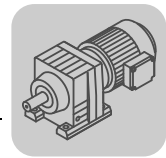
(→ 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	
AC	139	139	156	156	179	197	221	
AD	119	119	128	128	140	157	170	
ADS	129	129	139	139	150	158	172	
L	515	540	561	592	606	665	750	
LS	580	605	641	672	692	752	858	
LB	280	305	326	357	371	430	515	
LBS	345	370	406	437	457	517	623	


8.3.6 R 57

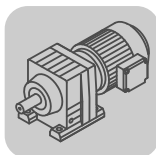
M _{aDyn} Nm	i	DRL													
		71S		71M		80S		80M		90L		100L	132S		132MC
		D1	D2	D1	D2	D1	D2	D1	D2	D1	D2	D1	D1	D2	D1
R57 2	4.39		36		60	43	106	55	141	106	196	149	340	>420	>420
	5.05	24	42	34	69	49	122	64	162	122	225	171	390	>425	>425
	5.82	28	48	40	79	56	141	73	186	141	255	198	>425	>425	>425
	6.41	31	53	44	87	62	155	81	205	155	285	215	>425		
	7.53	37	62	51	102	73	183	95	240	183	335	255	>425		
	7.97	39	66	54	108	77	193	101	255	193	355	270	>425		
	9.06	44	75	62	123	88	215	114	290	215	400	305			
	9.35	45	77	63	127	91	225	118	295	225	415	315	>455	>455	>455
	10.79	52	89	73	147	105	260	136	345	260	>455	365	>455	>455	>455
	11.88	58	98	81	161	115	285	150	380	285	>455	400	>455		
	13.95	68	115	95	189	135	335	176	445	335	>455	>455	>455		
	14.77	72	122	100	200	143	355	186	>455	355	>455	>455	>455		
	16.79	81	138	114	225	163	405	210	>455	405	>455	>455			
	18.60	90	153	126	250	180	450	230	>455	450	>455	>455			
	21.93	106	181	149	295	210	>455	275	>455	>455		>455			
	24.99	121	205	170	335	240	>455	315							
	26.31	128	215	179	355	255	>455	330							
R57 3	26.97	128	215	179	355	255	>455	330	>455	>455	>455	>455	>455		
	30.18	143	240	200	400	285	>455	370	>455	>455	>455	>455	>455		
	35.07	167	280	230	>455	330	>455	430	>455	>455	>455	>455	>455		
	37.30	177	300	245	>455	350	>455	>455	>455	>455	>455	>455	>455		
	43.30	205	345	285	>455	410	>455	>455	>455	>455	>455	>455			
	48.23	225	385	320	>455	>455	>455	>455	>455	>455	>455	>455			
	53.22	250	425	350	>455	>455	>455	>455							
	57.29	270	>455	380	>455	>455	>455	>455	>455	>455		>455			
	64.85	305	>455	430	>455	>455	>455	>455							
	69.23	325	>455	>455	>455	>455	>455	>455							
	80.55	375	>455	>455	>455	>455	>455	>455	>455	>455	>455	>455			
	89.71	420	>455	>455	>455	>455	>455	>455	>455	>455	>455	>455			
	98.99	>455	>455	>455	>455	>455	>455	>455							
	106.58	>455	>455	>455	>455	>455	>455	>455	>455	>455		>455			
	120.63	>455	>455	>455	>455	>455	>455	>455							
	128.77	>455	>455	>455	>455	>455	>455	>455							
	147.92	>455	>455	>455		>455		>455							
	172.17	>455		>455											
	186.89	>455		>455											



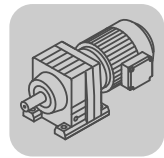
m kg		DRL								
	s	71S	71M	80S	80M	90L	100L	132S	132MC	
R57	2	25	27	29	32	40	47	63	79	
R57	3	26	28	30	33	41	48	64	80	
RF: + 3.4 kg / RM: + 15.4 kg										



DRL..		n_{epk} 1/min	η %	R Nm/	C_{TG} RF Nm/	RM Nm/	φ /R °
R57  2	i						
	4.39	4500	97	21	21	17	10
	5.05	4500	97	21	21	17	10
	5.82	4500	97	21	21	17	10
	6.41	4500	97	21	21	17	9
	7.53	4500	97	21	21	17	9
	7.97	4500	97	21	21	17	9
	9.06	4500	97	21	21	17	9
	9.35	4500	97	25	25	20	7
	10.79	4500	97	25	25	20	7
	11.88	4500	97	25	25	20	7
	13.95	4500	97	25	25	20	7
	14.77	4500	97	25	25	20	7
	16.79	4500	97	25	25	20	7
	18.60	4500	97	25	25	20	7
	21.93	4500	97	25	25	20	7
	24.99	4500	97	25	25	20	6
	26.31	4500	97	25	25	20	6
R57  3	26.97	4500	95	26	26	20	8
	30.18	4500	95	26	26	20	8
	35.07	4500	95	26	26	20	8
	37.30	4500	95	26	26	20	8
	43.30	4500	95	26	26	20	8
	48.23	4500	95	26	26	20	8
	53.22	4500	95	26	26	20	8
	57.29	4500	95	26	26	20	8
	64.85	4500	95	26	26	20	8
	69.23	4500	95	26	26	20	7
	80.55	4500	94	26	26	20	7
	89.71	4500	94	26	26	20	7
	98.99	4500	94	26	26	20	7
	106.58	4500	94	26	26	20	7
	120.63	4500	94	26	26	20	7
	128.77	4500	94	26	26	20	7
	147.92	4500	94	26	26	20	7
	172.17	4500	93	26	26	20	7
	186.89	4500	93	26	26	20	7

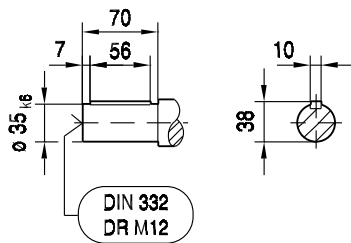
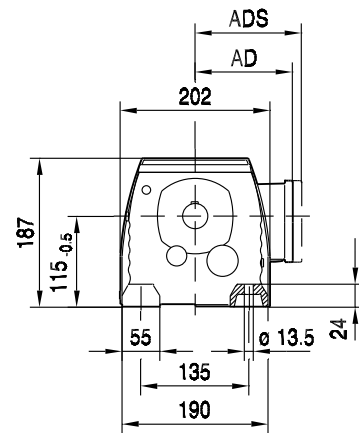
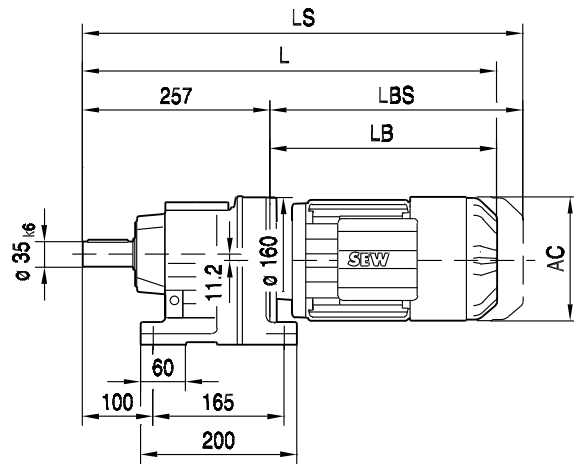


DRL.. $n_e = 1400$							F_{Rmax}			F_{Rapk}		
	i	M_{amax} Nm	M_{apk} Nm	$M_{aNotaus}$ Nm	n_{ak} 1/min	$J_G \cdot 10^{-4}$ kgm ²	R N	RF N	RM N	R N	RF N	RM N
R57 2	4.39	280	420	476	319	4.3	1900	1900	4000	7230	7230	4000
	5.05	305	425	519	277	3.4	1730	1730	4000	7210	7210	4000
	5.82	320	425	544	241	2.7	1820	1820	4000	7210	7210	4000
	6.41	335	425	570	218	2.3	1770	1770	4000	7210	7210	4000
	7.53	350	425	595	226	1.8	1950	1950	4000	7210	7210	4000
	7.97	355	425	604	213	1.6	2020	2020	4000	7210	7210	4000
	9.06	375	425	638	188	1.3	2010	2010	4000	7210	7210	4000
	9.35	370	455	629	193	2.8	3180	3180	4000	7080	7080	4000
	10.79	390	455	663	167	2.2	3330	3330	4000	7080	7080	4000
	11.88	405	455	689	143	1.9	3430	3430	4000	7080	7080	4000
	13.95	430	455	731	122	1.6	3610	3610	4000	7080	7080	4000
	14.77	435	455	740	115	1.4	3690	3690	4000	7080	7080	4000
	16.79	450	455	765	107	1.1	3860	3860	4000	7080	7080	4000
	18.60	450	455	765	108	0.94	4050	4050	4000	7080	7080	4000
	21.93	450	455	765	109	0.73	4370	4370	4000	7080	7080	4000
	24.99	450	455	765	108	0.51	4640	4640	4000	7080	7080	4000
	26.31	450	455	765	110	0.45	4750	4750	4000	7080	7080	4000
R57 3	26.97	450	455	765	63	1.5	4800	4800	4000	7080	7080	4000
	30.18	450	455	765	63	1.3	5040	5040	4000	7080	7080	4000
	35.07	450	455	765	66	0.97	5390	5390	4000	7080	7080	4000
	37.30	450	455	765	64	0.89	5530	5530	4000	7080	7080	4000
	43.30	450	455	765	65	0.70	5900	5900	4000	7080	7080	4000
	48.23	450	455	765	64	0.60	6170	6170	4000	7080	7080	4000
	53.22	450	455	765	66	0.49	6430	6430	4000	7080	7080	4000
	57.29	450	455	765	65	0.46	6630	6630	4000	7080	7080	4000
	64.85	450	455	765	65	0.38	6980	6980	4000	7080	7080	4000
	69.23	450	455	765	65	0.35	7100	7100	4000	7080	7080	4000
	80.55	450	455	765	56	0.62	7100	7100	4000	7080	7080	4000
	89.71	450	455	765	56	0.54	7100	7100	4000	7080	7080	4000
	98.99	450	455	765	56	0.45	7100	7100	4000	7080	7080	4000
	106.58	450	455	765	55	0.42	7100	7100	4000	7080	7080	4000
	120.63	450	455	765	56	0.35	7100	7100	4000	7080	7080	4000
	128.77	450	455	765	54	0.32	7100	7100	4000	7080	7080	4000
	147.92	450	455	765	47	0.26	7100	7100	4000	7080	7080	4000
	172.17	450	455	765	41	0.21	7100	7100	4000	7080	7080	4000
	186.89	450	455	765	37	0.18	7100	7100	4000	7080	7080	4000

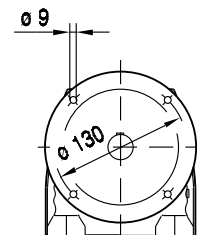
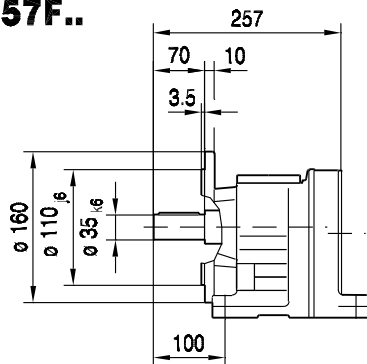


01 159 00 08

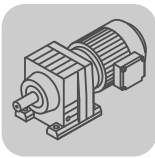
R57..



R57F..



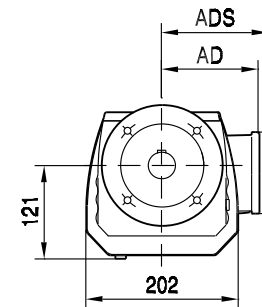
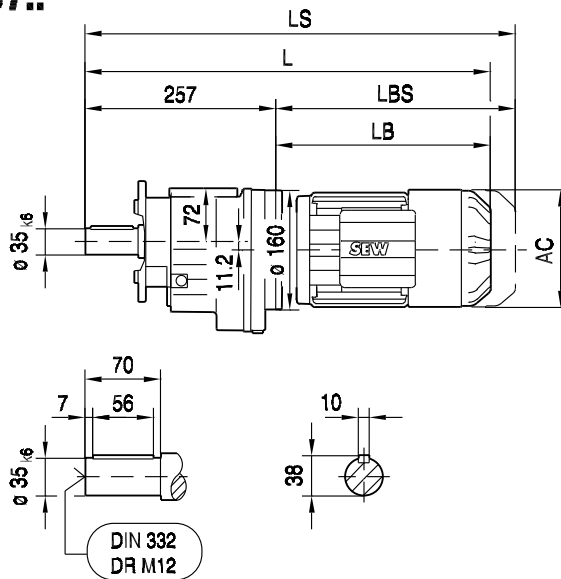
(→ 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	DRL132MC
AC	139	139	156	156	179	197	221	221
AD	119	119	128	128	140	157	170	170
ADS	129	129	139	139	150	158	172	172
L	537	562	583	614	628	687	772	822
LS	602	627	663	694	714	774	880	930
LB	280	305	326	357	371	430	515	565
LBS	345	370	406	437	457	517	623	673



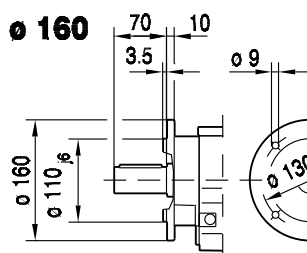
R..DRL
R..Nm

RF57..

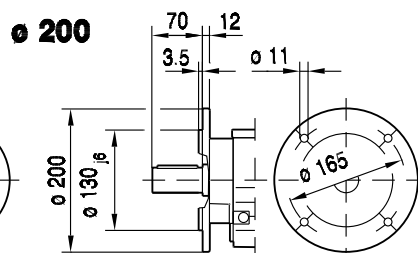
01 160 00 08



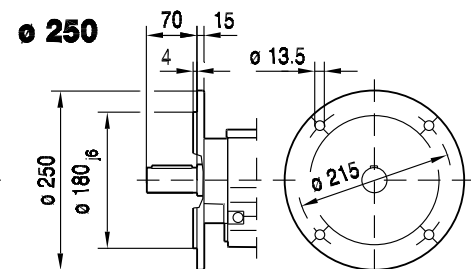
ø 160



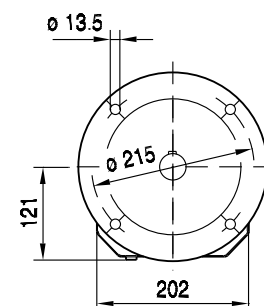
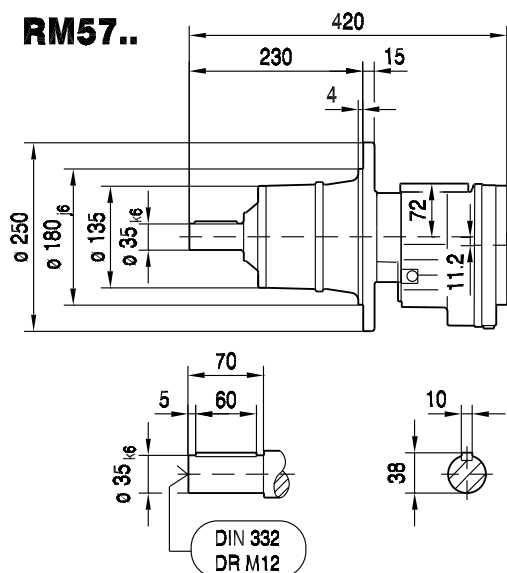
ø 200



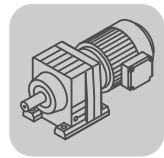
ø 250



RM57..

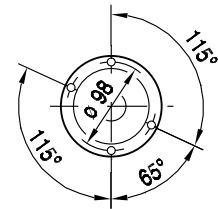
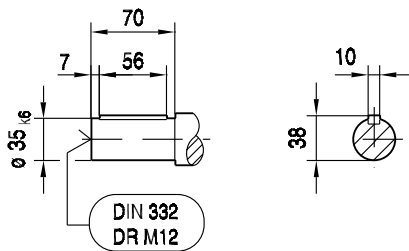
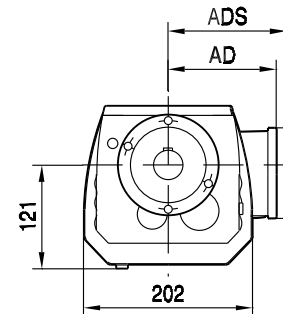
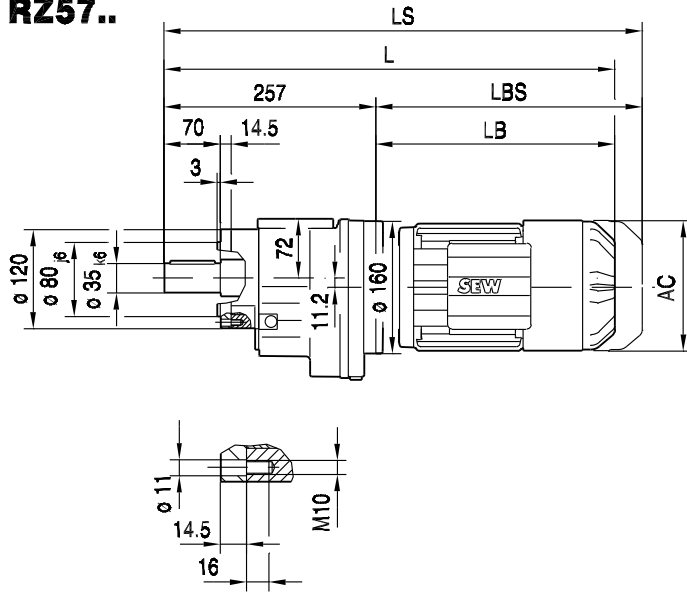


(→ 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	DRL132MC
AC	139	139	156	156	179	197	221	221
AD	119	119	128	128	140	157	170	170
ADS	129	129	139	139	150	158	172	172
L	537	562	583	614	628	687	772	822
LS	602	627	663	694	714	774	880	930
LB	280	305	326	357	371	430	515	565
LBS	345	370	406	437	457	517	623	673

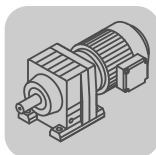


RZ57..

01 161 00 08



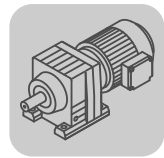
(→ 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	DRL132MC
AC	139	139	156	156	179	197	221	221
AD	119	119	128	128	140	157	170	170
ADS	129	129	139	139	150	158	172	172
L	537	562	583	614	628	687	772	822
LS	602	627	663	694	714	774	880	930
LB	280	305	326	357	371	430	515	565
LBS	345	370	406	437	457	517	623	673


8.3.7 R 67

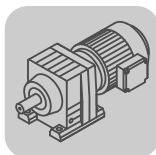
M _{aDyn} Nm	i	DRL													
		71S		71M		80S		80M		90L		100L	132S		132MC
		D1	D2	D1	D2	D1	D2	D1	D2	D1	D2	D1	D1	D2	D1
R67 2	4.29		35		58	42	104	54	137	104	191	146	330	>405	>405
	4.93	24	41	33	67	48	120	62	158	120	215	167	380	>435	>435
	5.70	28	47	39	77	55	138	72	182	138	250	194	440	>465	>465
	6.27	30	52	43	85	61	152	79	200	152	275	210	>485		
	7.36	36	61	50	100	71	178	93	235	178	325	245	>485		
	7.79	38	64	53	106	76	189	98	245	189	345	260	>485		
	8.70		72		118	84	210	110	275	210	385	295	>660	>660	>660
	10.00	48	82	68	136	97	240	126	320	240	445	335	>665	>665	>665
	11.54	56	95	78	157	112	275	146	365	275	510	390	>665	>665	>665
	12.70	62	105	86	172	123	305	160	405	305	565	430	>665		
	14.91	72	123	101	200	145	360	188	475	360	>665	505	>665		
	15.79	77	130	107	210	153	380	199	505	380	>665	535	>665		
	17.95	87	148	122	240	174	435	225	570	435	>665	605			
	19.89	96	164	135	270	193	480	250	635	480	>665	>665			
	23.44	114	193	159	315	225	565	295	>665	565		>665			
	26.72	130	220	181	360	255	645	335							
	28.13	136	230	191	380	270	>665	350							
R67 3	28.83	137	230	192	380	270	>595	355	>595	>595	>595	>595	>595		
	32.27	153	260	210	425	305	>595	395	>595	>595	>595	>595	>595		
	37.50	178	300	245	495	355	>595	460	>595	>595	>595	>595	>595		
	39.88	189	320	265	530	375	>595	490	>595	>595	>595	>595	>595		
	46.29	215	370	305	>600	435	>600	570	>600	>600	>600	>600			
	51.56	240	415	340	>600	485	>600	>600	>600	>600	>600	>600			
	56.89	270	455	375	>600	540	>600	>600							
	61.26	290	490	405	>600	580	>600	>600	>600	>600		>600			
	69.75	330	560	460	>660	>660	>660	>660	>660	>660	>660	>660	>660		
	74.17	350	595	490	>660	>660	>660	>660	>660	>660	>660	>660	>660		
	86.11	405	>660	570	>660	>660	>660	>660	>660	>660	>660	>660			
	95.91	455	>660	635	>660	>660	>660	>660	>660	>660	>660	>660			
	105.83	500	>660	>660	>660	>660	>660	>660							
	113.94	540	>660	>660	>660	>660	>660	>660	>660	>660		>660			
	128.97	610	>660	>660	>660	>660	>660	>660							
	137.67	645	>660	>660	>660	>660	>660	>660							
	158.14	>660	>660	>660		>660		>660							
	184.07	>660		>660											
	199.81	>660		>660											



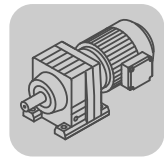
m kg		DRL									
	s	71S	71M	80S	80M	90L	100L	132S	132MC		
R67	2	32	33	36	38	46	54	69	86		
R67	3	33	34	37	39	47	55	70	87		
RF: + 3.2 kg / RM: + 19.0 kg											



DRL..		n_{epk} 1/min	η %	R Nm/	C_{TG} RF Nm/	RM Nm/	φ /R °
R67  2	4.29	3700	97	24	24	22	10
	4.93	4252	97	24	24	22	9
	5.70	4500	97	24	24	22	9
	6.27	4500	97	24	24	22	9
	7.36	4500	97	24	24	22	8
	7.79	4500	97	24	24	22	8
	8.70	4500	97	32	32	28	7
	10.00	4500	97	32	32	28	7
	11.54	4500	97	32	32	28	7
	12.70	4500	97	32	32	28	6
	14.91	4500	97	32	32	28	6
	15.79	4500	97	32	32	28	6
	17.95	4500	97	32	32	28	6
	19.89	4500	97	32	32	28	6
	23.44	4500	97	32	32	28	6
	26.72	4500	97	32	32	28	6
	28.13	4500	97	32	32	28	6
R67  3	28.83	4500	95	33	33	29	7
	32.27	4500	95	33	33	29	7
	37.50	4500	95	33	33	29	7
	39.88	4500	95	33	33	29	7
	46.29	4500	95	33	33	29	7
	51.56	4500	95	33	33	29	7
	56.89	4500	95	33	33	29	7
	61.26	4500	95	33	33	29	7
	69.75	4500	95	33	33	29	7
	74.17	4500	95	33	33	29	7
	86.11	4500	95	33	33	29	6
	95.91	4500	95	33	33	29	6
	105.83	4500	95	33	33	29	6
	113.94	4500	95	33	33	29	6
	128.97	4500	95	33	33	29	6
	137.67	4500	94	33	33	29	6
	158.14	4500	94	33	33	29	6
	184.07	4500	94	33	33	29	6
	199.81	4500	93	33	33	29	6

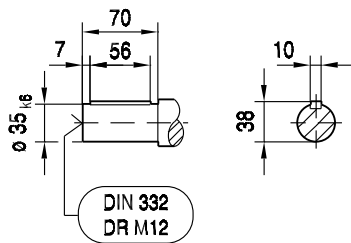
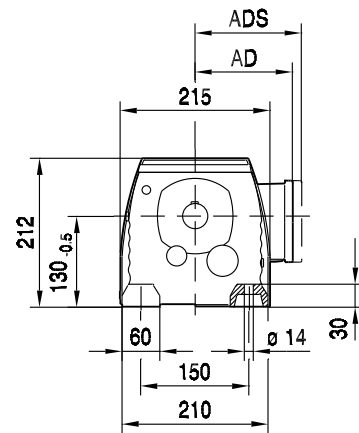
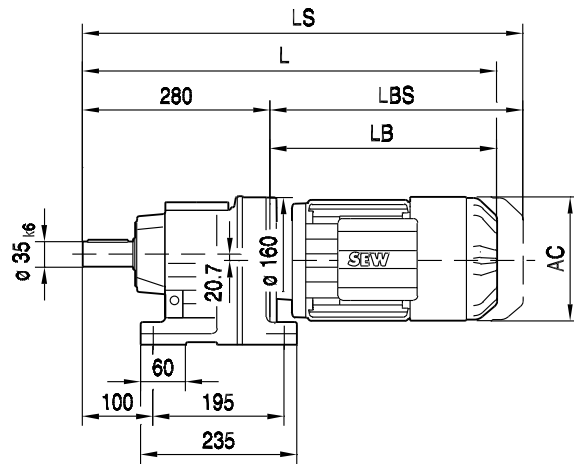


DRL.. $n_e = 1400$							F_{Rmax}			F_{Rapk}		
	i	M_{amax} Nm	M_{apk} Nm	$M_{aNotaus}$ Nm	n_{ak} 1/min	$J_G \cdot 10^{-4}$ kgm ²	R N	RF N	RM N	R N	RF N	RM N
R67 2	4.29	270	405	459	326	5.9	5000	5000	8720	9300	9300	9800
	4.93	290	435	493	284	4.6	5210	5210	9120	9100	9100	9760
	5.70	310	465	527	246	3.6	5450	5450	9560	8870	8870	9710
	6.27	330	485	561	223	3.0	5590	5590	9850	8710	8710	9680
	7.36	370	485	629	190	2.4	5790	5790	9850	8710	8710	9680
	7.79	380	485	646	180	2.1	5830	5830	9840	8710	8710	9680
	8.70	440	660	748	161	4.0	5960	5960	9750	5350	5350	9330
	10.00	470	665	799	140	3.2	6220	6220	9700	4700	4700	9320
	11.54	500	665	850	130	2.5	6500	6500	9660	4700	4700	9320
	12.70	520	665	884	118	2.2	6640	6640	9620	4700	4700	9320
	14.91	550	665	935	101	1.7	6980	6980	9560	4700	4700	9320
	15.79	560	665	952	95	1.6	7130	7130	9540	4700	4700	9320
	17.95	590	665	1003	84	1.2	7330	7330	9480	4700	4700	9320
	19.89	600	665	1020	75	1.0	7560	7560	9460	4700	4700	9320
	23.44	560	665	952	94	0.80	8010	8010	9540	4700	4700	9320
	26.72	540	665	918	105	0.56	8210	8210	9580	4700	4700	9320
	28.13	540	665	918	103	0.50	8210	8210	9580	4700	4700	9320
R67 3	28.83	520	595	884	49	1.5	8400	8400	9620	7620	7620	9470
	32.27	540	595	918	43	1.3	8210	8210	9580	7620	7620	9470
	37.50	570	595	969	37	1.0	7900	7900	9520	7620	7620	9470
	39.88	580	595	986	35	0.93	7790	7790	9500	7620	7620	9470
	46.29	600	600	1020	32	0.72	7560	7560	9460	7620	7620	9470
	51.56	600	600	1020	33	0.61	7560	7560	9460	7620	7620	9470
	56.89	600	600	1020	33	0.50	7560	7560	9460	7620	7620	9470
	61.26	600	600	1020	33	0.47	7560	7560	9460	7620	7620	9470
	69.75	600	660	1020	29	0.88	7560	7560	9460	5350	5350	9330
	74.17	600	660	1020	28	0.81	7560	7560	9460	5350	5350	9330
	86.11	600	660	1020	29	0.63	7560	7560	9460	5350	5350	9330
	95.91	600	660	1020	29	0.54	7560	7560	9460	5350	5350	9330
	105.83	600	660	1020	29	0.45	7560	7560	9460	5350	5350	9330
	113.94	600	660	1020	30	0.42	7560	7560	9460	5350	5350	9330
	128.97	600	660	1020	29	0.36	7560	7560	9460	5350	5350	9330
	137.67	600	660	1020	30	0.32	7560	7560	9460	5350	5350	9330
	158.14	600	660	1020	30	0.26	7560	7560	9460	5350	5350	9330
	184.07	600	660	1020	30	0.21	7560	7560	9460	5350	5350	9330
	199.81	600	660	1020	30	0.19	7560	7560	9460	5350	5350	9330

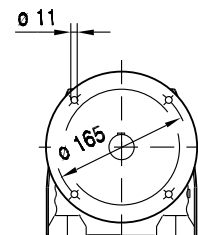
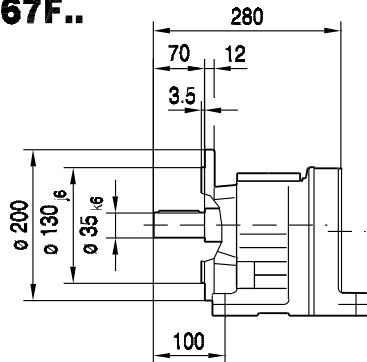


01 162 00 08

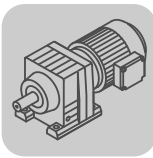
R67..



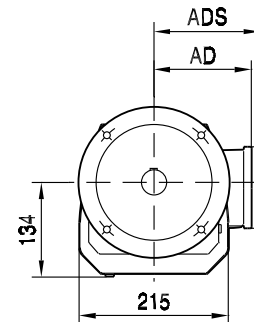
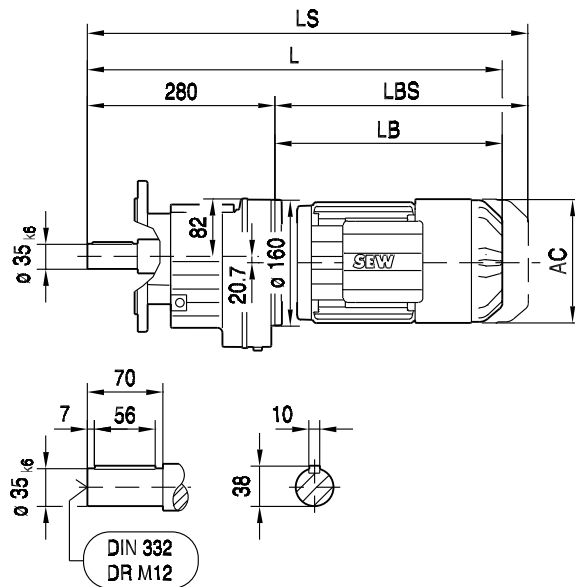
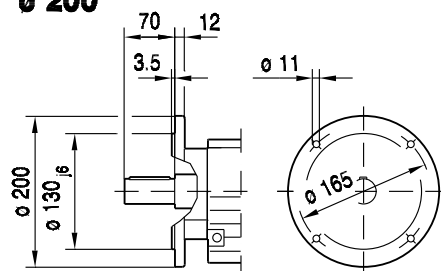
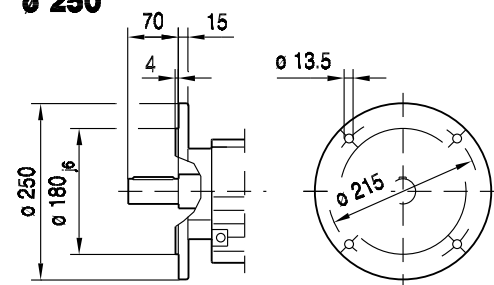
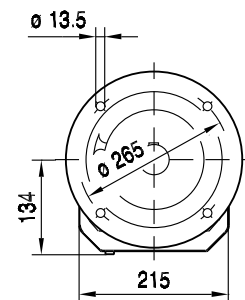
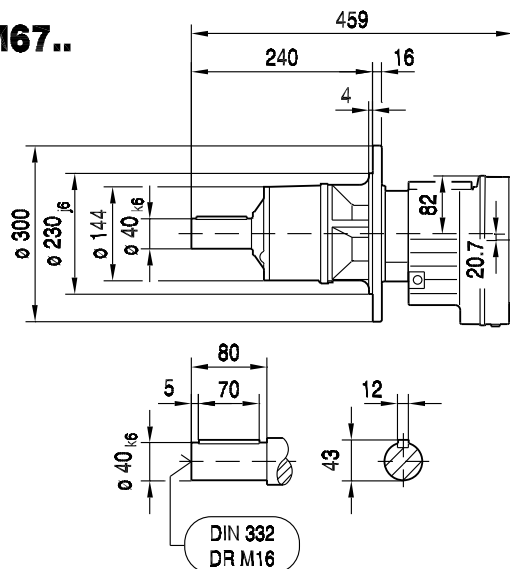
R67F..



(→ 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	560	585	606	637	651	710	795	845
LS	625	650	686	717	737	797	903	953
LB	280	305	326	357	371	430	515	565
LBS	345	370	406	437	457	517	623	673



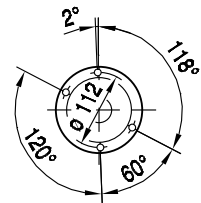
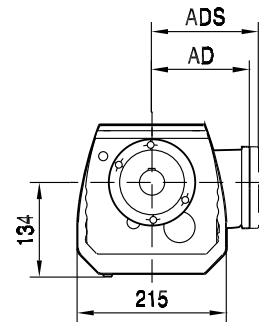
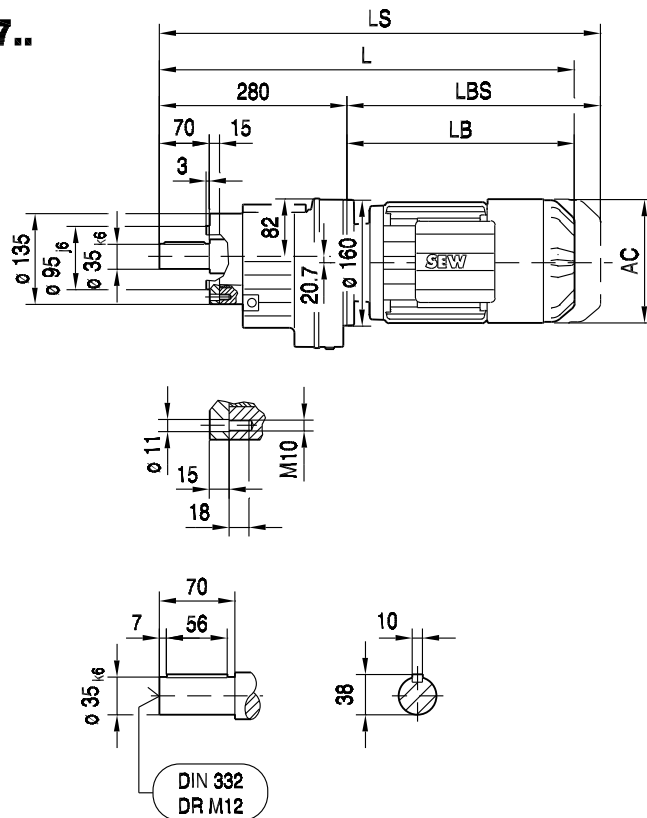
01 163 00 08

RF67..**ø 200****ø 250****RM67..**

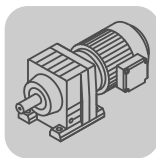
(→ 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	DRL132MC
AC	139	139	156	156	179	197	221	221
AD	119	119	128	128	140	157	170	170
ADS	129	129	139	139	150	158	172	172
L	560	585	606	637	651	710	795	845
LS	625	650	686	717	737	797	903	953
LB	280	305	326	357	371	430	515	565
LBS	345	370	406	437	457	517	623	673

01 164 00 08

RZ67..



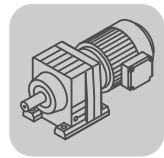
(→  129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	DRL132MC
AC	139	139	156	156	179	197	221	221
AD	119	119	128	128	140	157	170	170
ADS	129	129	139	139	150	158	172	172
L	560	585	606	637	651	710	795	845
LS	625	650	686	717	737	797	903	953
LB	280	305	326	357	371	430	515	565
LBS	345	370	406	437	457	517	623	673


8.3.8 R 77

M _{aDyn} Nm	i	DRL									
		71S		71M		80S		80M		90L	
		D1	D2	D1	D2	D1	D2	D1	D2	D1	D2
R77 2	5.31		44		72	52	129	67	170	129	235
	5.99		49		81	58	145	76	192	145	265
	6.79	33	56	46	92	66	165	86	215	165	300
	7.74	38	64	53	105	75	188	98	245	188	345
	8.59	42	71	58	117	83	205	108	270	205	380
	9.64		79		131	94	230	122	305	230	430
	10.88		90		148	106	260	137	345	260	485
	12.33	60	102	84	167	120	295	155	390	295	550
	14.05	68	116	95	191	136	340	177	445	340	625
	15.60	76	129	106	210	151	375	197	495	375	695
	17.82	86	147	121	240	173	430	220	570	430	795
	18.80	91	155	128	255	182	455	235	600	455	830
	21.43	104	177	146	290	205	515	270	685	515	>900
	23.37	113	193	159	315	225	565	290	745	565	>900
R77 3	25.23		205		335	240	605	310	795	605	>900
	29.00	139	235	195	385	275	695	360	>900	695	>900
	33.47	161	270	220	445	320	800	415	>900	800	>900
	36.83	175	295	240	485	345	870	450	>900	870	>900
	43.26	205	345	285	575	410	>900	530	>900	>900	>900
	45.81	215	365	300	605	435	>900	565	>900	>900	>900
	52.07	245	420	345	690	490	>900	640	>900	>900	>900
	57.68	270	465	380	765	545	>900	710	>900	>900	>900
	65.77	310	530	435	870	620	>900	810	>900	>900	>900
	77.24	365	620	510	>900	730	>900	>900	>900	>900	>900
	81.80	385	660	540	>900	775	>900	>900	>900	>900	>900
	92.97	440	750	615	>900	880	>900	>900	>900	>900	>900
	102.99	485	830	680	>900	>900	>900	>900	>900	>900	>900
	121.42	570	>900	795	>900	>900	>900	>900	>900	>900	
	138.39	650	>900	>900	>900	>900	>900	>900			
	145.67	680	>900	>900	>900	>900	>900	>900			
	166.59	780	>900	>900		>900		>900			
	195.24	>900		>900							

	→ 124

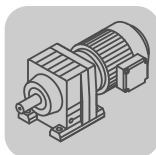
m kg		71S	71M	DRL 80S	80M	90L
	s					
R77	2	39	40	43	46	52
R77	3	40	42	44	47	53
RF: + 5.7 kg / RM: + 30.7 kg						



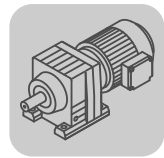
M _{aDyn} Nm	i	DRL									
		100L		132S		132MC		160M		160MC	
		D1	D2	D1	D2	D1	D2	D1	D2	D1	D2
R77 	5.31	180	435	410	>765	665	>765	>765	>765	>765	>765
	5.99	200	490	460	>810	755	>810	>810	>810	>810	>810
	6.79	230	555	525	>840	>840		>840		>840	
	7.74	260	635	600	>840	>840		>840		>840	
	8.59	290	705	665							
	9.64	325	790	745	>900	>900	>900	>900	>900	>900	>900
	10.88	365	890	840	>900	>900	>900	>900	>900	>900	>900
	12.33	415	>900	>900	>900	>900		>900		>900	
	14.05	475	>900	>900	>900	>900		>900		>900	
	15.60	525	>900	>900							
	17.82	600	>900	>900							
	18.80	635	>900	>900							
	21.43	725									
	23.37	790									
R77 	25.23	840	>900	>900	>900	>900		>900		>900	
	29.00	>900	>900	>900	>900	>900		>900		>900	
	33.47	>900	>900	>900	>900	>900		>900		>900	
	36.83	>900	>900	>900							
	43.26	>900	>900	>900							
	45.81	>900	>900	>900							
	52.07	>900									
	57.68	>900									
	65.77	>900	>900	>900							
	77.24	>900	>900	>900							
	81.80	>900	>900	>900							
	92.97	>900									
	102.99	>900									
	121.42	>900									
	138.39										
	145.67										
	166.59										
	195.24										

	→  124

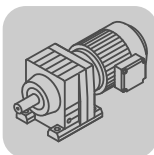
m kg		100L	132S	DRL 132MC	160M	160MC
	s					
R77	 2	60	75	92	115	120
R77	 3	61	76	93	115	120
RF: + 5.7 kg / RM: + 30.7 kg						



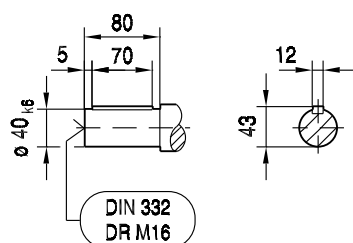
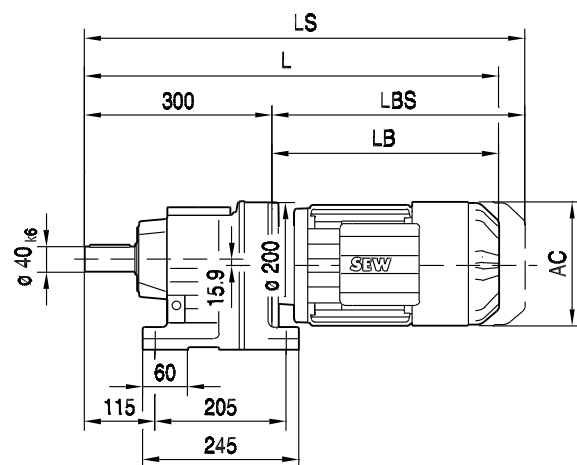
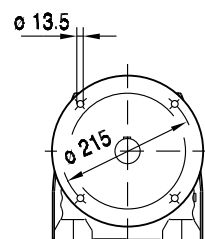
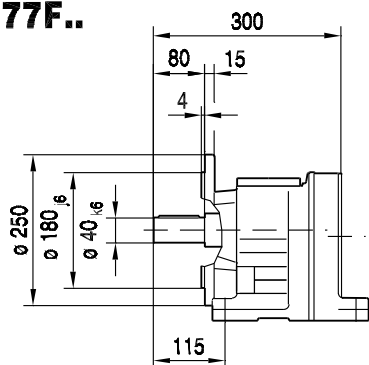
DRL..		n_{epk} 1/min	η %	R Nm/	C_{TG} RF Nm/	RM Nm/	φ /R °
R77 2	5.31	4500	97	42	42	46	8
	5.99	4500	97	42	42	46	8
	6.79	4500	97	42	42	46	8
	7.74	4500	97	42	42	46	8
	8.59	4500	97	42	42	46	7
	9.64	4500	97	51	51	58	7
	10.88	4500	97	51	51	58	7
	12.33	4500	97	51	51	58	6
	14.05	4500	97	51	51	58	6
	15.60	4500	97	51	51	58	6
	17.82	4500	97	51	51	58	6
	18.80	4500	97	51	51	58	6
	21.43	4500	97	51	51	58	6
	23.37	4500	97	51	51	58	6
R77 3	25.23	4500	96	53	53	61	7
	29.00	4500	96	53	53	61	7
	33.47	4500	96	53	53	61	7
	36.83	4500	95	53	53	61	7
	43.26	4500	95	53	53	61	7
	45.81	4500	95	53	53	61	7
	52.07	4500	95	53	53	61	7
	57.68	4500	95	53	53	61	7
	65.77	4500	95	53	53	61	7
	77.24	4500	95	53	53	61	7
	81.80	4500	95	53	53	61	6
	92.97	4500	95	53	53	61	6
	102.99	4500	95	53	53	61	6
	121.42	4500	94	53	53	61	6
	138.39	4500	94	53	53	61	6
	145.67	4500	94	53	53	61	6
	166.59	4500	94	53	53	61	6
	195.24	4500	93	53	53	61	6



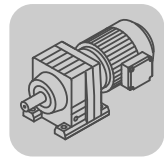
DRL.. $n_e = 1400$							F_{Ramax}			F_{Rapk}		
	i	M_{amax} Nm	M_{apk} Nm	$M_{aNotaus}$ Nm	n_{ak} 1/min	$J_G \cdot 10^{-4}$ kgm ²	R N	RF N	RM N	R N	RF N	RM N
R77  2	5.31	510	765	867	264	7.7	3990	3990	12700	10400	10400	13000
	5.99	540	810	918	234	6.4	3990	3990	13000	10000	10000	13000
	6.79	580	840	986	206	5.2	3850	3850	13000	9730	9730	13000
	7.74	610	840	1037	181	4.2	3940	3940	13000	9730	9730	13000
	8.59	630	840	1071	175	3.7	4110	4110	13000	9730	9730	13000
	9.64	630	900	1071	145	6.6	6300	6300	13000	9110	9110	13000
	10.88	660	900	1122	129	5.5	6490	6490	13000	9110	9110	13000
	12.33	690	900	1173	114	4.5	6740	6740	13000	9110	9110	13000
	14.05	720	900	1224	100	3.7	7050	7050	13000	9110	9110	13000
	15.60	740	900	1258	90	3.3	7390	7390	13000	9110	9110	13000
	17.82	780	900	1326	79	2.7	7620	7620	13000	9110	9110	13000
	18.80	780	900	1326	74	2.5	7980	7980	13000	9110	9110	13000
	21.43	820	900	1394	65	2.0	8250	8250	13000	9110	9110	13000
	23.37	820	900	1394	64	1.7	8870	8870	13000	9110	9110	13000
R77  3	25.23	780	900	1326	59	3.7	10100	10100	13000	9110	9110	13000
	29.00	820	900	1394	52	3.0	9920	9920	13000	9110	9110	13000
	33.47	820	900	1394	51	2.2	9920	9920	13000	9110	9110	13000
	36.83	820	900	1394	52	1.9	9920	9920	13000	9110	9110	13000
	43.26	820	900	1394	53	1.6	9920	9920	13000	9110	9110	13000
	45.81	820	900	1394	52	1.4	9920	9920	13000	9110	9110	13000
	52.07	820	900	1394	54	1.1	9920	9920	13000	9110	9110	13000
	57.68	820	900	1394	54	0.97	9920	9920	13000	9110	9110	13000
	65.77	820	900	1394	38	1.6	9920	9920	13000	9110	9110	13000
	77.24	820	900	1394	38	1.3	9920	9920	13000	9110	9110	13000
	81.80	820	900	1394	38	1.2	9920	9920	13000	9110	9110	13000
	92.97	820	900	1394	39	0.99	9920	9920	13000	9110	9110	13000
	102.99	820	900	1394	38	0.86	9920	9920	13000	9110	9110	13000
	121.42	820	900	1394	39	0.68	9920	9920	13000	9110	9110	13000
	138.39	820	900	1394	38	0.46	9920	9920	13000	9110	9110	13000
	145.67	820	900	1394	38	0.42	9920	9920	13000	9110	9110	13000
	166.59	820	900	1394	38	0.34	9920	9920	13000	9110	9110	13000
	195.24	820	900	1394	36	0.27	9920	9920	13000	9110	9110	13000



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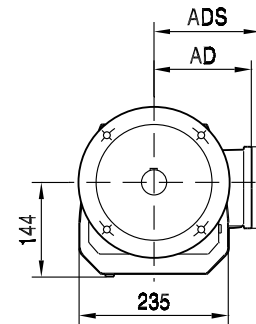
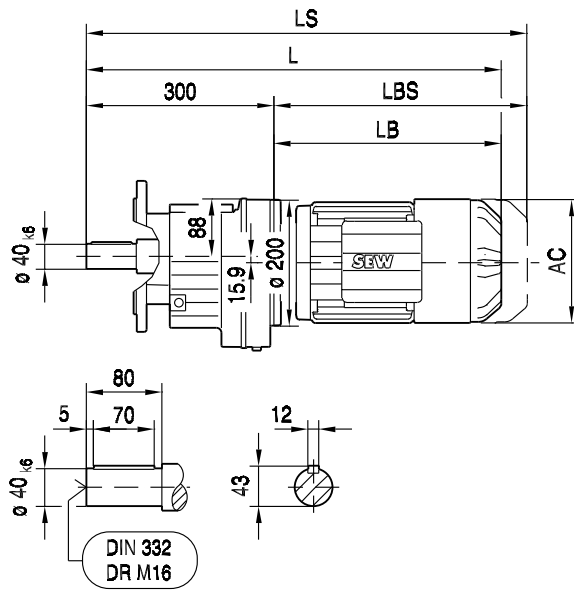
R77..**R77F..**

(→ 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	573	598	619	650	664	723	804	854	858
LS	638	663	699	730	750	810	912	962	995
LB	273	298	319	350	364	423	504	554	558
LBS	338	363	399	430	450	510	612	662	695

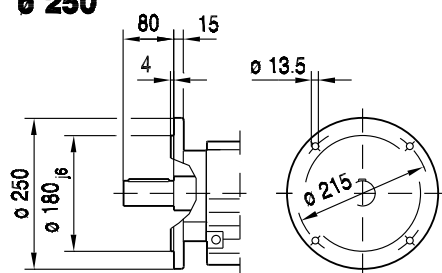


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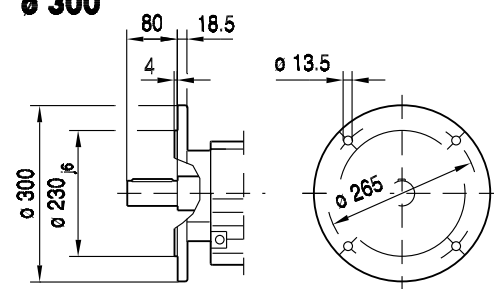
RF77..



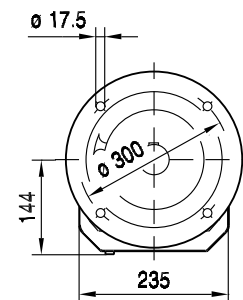
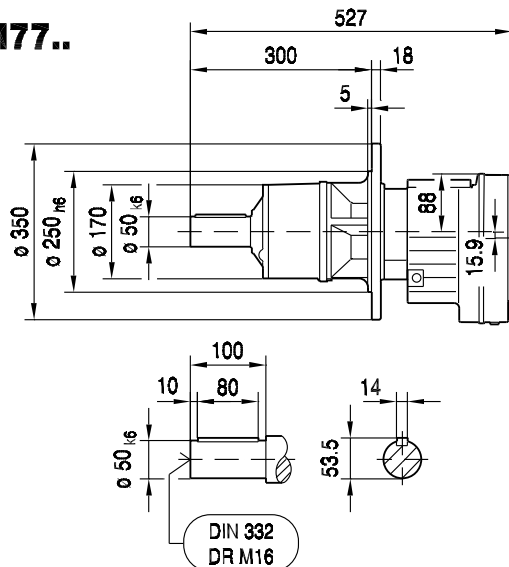
ø 250



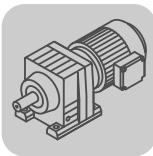
ø 300



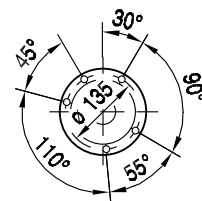
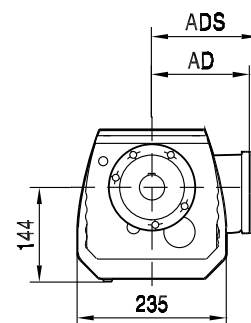
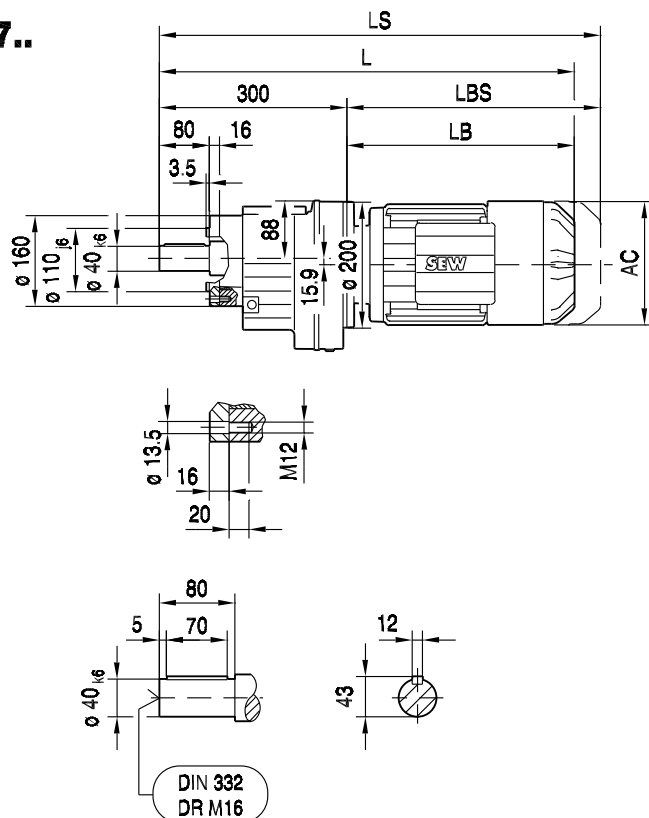
RM77..



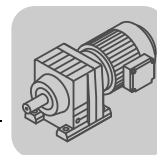
(→ 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	DRL132MC	DRL160..
AC	139	139	156	156	179	197	221	221	270
AD	119	119	128	128	140	157	170	170	228
ADS	129	129	139	139	150	158	172	172	228
L	573	598	619	650	664	723	804	854	858
LS	638	663	699	730	750	810	912	962	995
LB	273	298	319	350	364	423	504	554	558
LBS	338	363	399	430	450	510	612	662	695



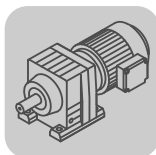
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RZ77..

(→ 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	573	598	619	650	664	723	804	854	858
LS	638	663	699	730	750	810	912	962	995
LB	273	298	319	350	364	423	504	554	558
LBS	338	363	399	430	450	510	612	662	695



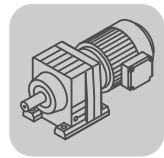
Seite bleibt aus drucktechnischen Gründen frei.


8.3.9 R 87

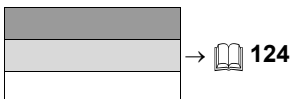
M _{aDyn} Nm	i	DRL													
		71M		80S		80M		90L		100L		132S		132MC	
		D1	D2	D1	D2	D1	D2	D1	D2	D1	D2	D1	D2	D1	D2
R87 2	5.30						170	129	235	180	435	410	770	665	1020
	6.39						200	155	285	215	525	495	920	800	1230
	7.13		97	69	173	90	225	173	315	240	585	550	1030	890	>1270
	8.22		112	80	199	104	260	199	365	275	675	635	1190	1030	>1270
	9.14		124	89	220	115	290	220	405	310	750	705	>1270	1150	>1270
	9.90						315	240	440	335	810	765	1440	1240	>1550
	11.93						380	285	530	405	980	920	>1550	1500	>1550
	13.33		181	129	320	168	425	320	590	450	1090	1030	>1550	>1550	>1550
	15.35		205	149	370	194	490	370	680	520	1260	1190	>1550	>1550	>1550
	17.08		230	166	410	215	545	410	760	575	1400	1320	>1550	>1550	>1550
	19.10	130	255	185	460	240	610	460	850	645	>1550	1480	>1550	>1550	
	21.51	146	290	205	520	270	685	520	950	730	>1550	>1550	>1550	>1550	
	23.40	159	315	225	565	295	745	565	1040	790	>1550	>1550			
	27.84	189	375	270	675	350	890	675	1240	940	>1550	>1550			
	31.40	210	425	300	760	395	1000	760	1400	1060					
	34.40	230	465	330	830	430	1100	830	1530	1160					
R87 3	27.88		370	265	665	345	880	665	1230	930	>1550	>1550	>1550	>1550	>1550
	32.66		435	310	780	405	1030	780	1440	1090	>1550	>1550	>1550	>1550	>1550
	36.84		495	350	880	455	1160	880	>1550	1230	>1550	>1550	>1550	>1550	>1550
	41.74	280	560	400	1000	520	1320	1000	>1550	1400	>1550	>1550	>1550	>1550	
	47.58	315	635	455	1140	590	1500	1140	>1550	>1550	>1550	>1550	>1550	>1550	
	52.82	350	705	505	1260	655	>1550	1260	>1550	>1550	>1550	>1550			
	60.35	405	810	575	1440	750	>1550	1440	>1550	>1550	>1550	>1550			
	63.68	425	850	610	1520	790	>1550	1520	>1550	>1550	>1550	>1550			
	72.57	485	970	695	>1550	900	>1550	>1550	>1550	>1550					
	81.92	540	1080	775	>1550	1010	>1550	>1550	>1550	>1550	>1550	>1550	>1550	>1550	
	93.38	620	1240	880	>1550	1150	>1550	>1550	>1550	>1550	>1550	>1550	>1550	>1550	
	103.65	685	1370	980	>1550	1280	>1550	>1550	>1550	>1550	>1550	>1550			
	118.43	785	>1550	1120	>1550	1460	>1550	>1550	>1550	>1550	>1550	>1550			
	124.97	830	>1550	1180	>1550	1540	>1550	>1550	>1550	>1550	>1550	>1550			
	142.41	940	>1550	1350	>1550	>1550	>1550	>1550	>1550	>1550					
	155.34	1020	>1550	1460	>1550	>1550	>1550	>1550	>1550	>1550					
	181.77	1190	>1550	>1550	>1550	>1550	>1550	>1550		>1550					
	205.71	1350	>1550	>1550	>1550	>1550									
	216.54	1420	>1550	>1550	>1550	>1550									
	246.54	>1550		>1550		>1550									



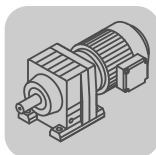
m kg		DRL								
	s	71M	80S	80M	90L	100L	132S	132MC		
R87	2	66	69	71	78	86	100	120		
R87	3	68	70	73	80	88	105	120		
RF: + 7.1 kg / RM: + 36.8 kg										



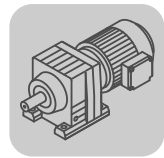
M _{aDyn} Nm	i	DRL										
		160M		160MC		180S		180M		180L		180LC
		D1	D2	D1	D2	D1	D2	D1	D2	D1	D2	D1
R87 	5.30	840	>1270	950	>1270	1070	>1270	>1270	>1270	>1270	>1270	>1270
	6.39	1020	>1270	1140	>1270	>1270	>1270	>1270	>1270	>1270	>1270	>1270
	7.13	1140	>1270	>1270	>1270	>1270	>1270	>1270	>1270	>1270	>1270	>1270
	8.22	>1270	>1270	>1270	>1270	>1270		>1270		>1270		
	9.14	>1270	>1270	>1270	>1270	>1270		>1270		>1270		
	9.90	>1550	>1550	>1550	>1550	>1550	>1550	>1550	>1550	>1550	>1550	>1550
	11.93	>1550	>1550	>1550	>1550	>1550	>1550	>1550	>1550	>1550	>1550	>1550
	13.33	>1550	>1550	>1550	>1550	>1550	>1550	>1550	>1550	>1550	>1550	>1550
	15.35	>1550	>1550	>1550	>1550	>1550		>1550		>1550		
	17.08	>1550	>1550	>1550	>1550	>1550		>1550		>1550		
	19.10	>1550		>1550								
	21.51	>1550		>1550								
	23.40											
	27.84											
	31.40											
	34.40											
R87 	27.88	>1550	>1550	>1550	>1550	>1550		>1550		>1550		
	32.66	>1550	>1550	>1550	>1550	>1550		>1550		>1550		
	36.84	>1550	>1550	>1550	>1550	>1550		>1550		>1550		
	41.74	>1550		>1550								
	47.58	>1550		>1550								
	52.82											
	60.35											
	63.68											
	72.57											
	81.92	>1550		>1550								
	93.38	>1550		>1550								
	103.65											
	118.43											
	124.97											
	142.41											
	155.34											
	181.77											
	205.71											
	216.54											
	246.54											



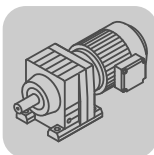
m kg		DRL					
	s	160M	160MC	180S	180M	180L	180LC
R87		140	145	170	190	200	210
R87		140	145	175	190	200	215
RF: + 7.1 kg / RM: + 36.8 kg							



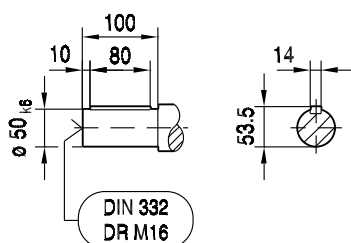
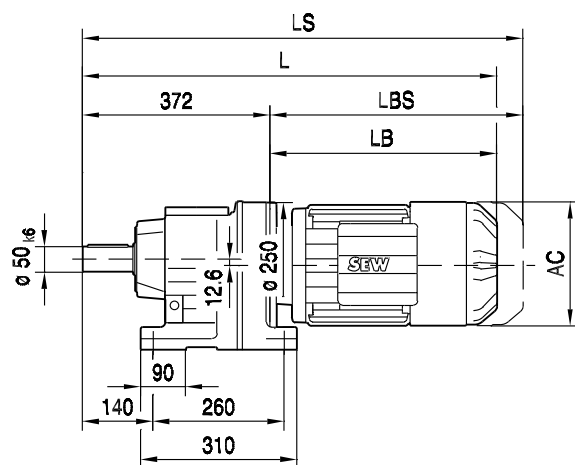
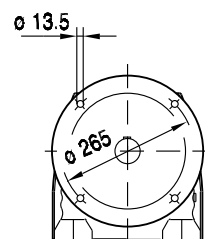
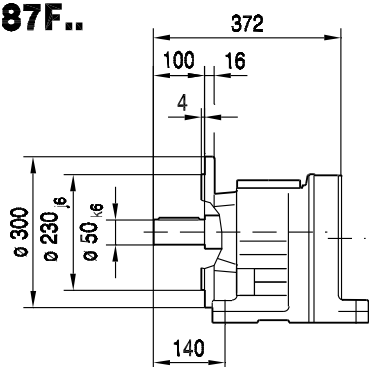
DRL..		n_{epk} 1/min	η %	R Nm/	C_{TG} RF Nm/	RM Nm/	φ /R °
R87 2	5.30	4500	97	76	76	78	7
	6.39	4500	97	76	76	78	7
	7.13	4500	97	76	76	78	7
	8.22	4500	97	76	76	78	7
	9.14	4500	97	76	76	78	6
	9.90	4500	97	93	93	96	6
	11.93	4500	97	93	93	96	6
	13.33	4500	97	93	93	96	6
	15.35	4500	97	93	93	96	6
	17.08	4500	97	93	93	96	6
	19.10	4500	97	93	93	96	6
	21.51	4500	97	93	93	96	6
	23.40	4500	97	93	93	96	6
	27.84	4500	97	93	93	96	6
	31.40	4500	97	93	93	96	5
	34.40	4500	97	93	93	96	5
R87 3	27.88	4500	96	97	97	99	7
	32.66	4500	96	97	97	99	7
	36.84	4500	96	97	97	99	7
	41.74	4500	96	97	97	99	7
	47.58	4500	96	97	97	99	7
	52.82	4500	96	97	97	99	6
	60.35	4500	96	97	97	99	6
	63.68	4500	96	97	97	99	6
	72.57	4500	96	97	97	99	6
	81.92	4500	95	97	97	100	6
	93.38	4500	95	97	97	100	6
	103.65	4500	95	97	97	100	6
	118.43	4500	95	97	97	100	6
	124.97	4500	95	97	97	100	6
	142.41	4500	95	97	97	100	6
	155.34	4500	94	97	97	100	6
	181.77	4500	94	97	97	100	6
	205.71	4500	94	97	97	100	6
	216.54	4500	94	97	97	100	6
	246.54	4500	93	97	97	100	6



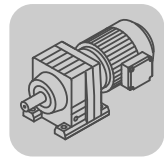
DRL.. $n_e = 1400$		M_{amax} Nm	M_{apk} Nm	$M_{aNotaus}$ Nm	n_{ak} 1/min	$J_G \cdot 10^{-4}$ kgm ²	R N	F_{Rmax} RF N	RM N	R N	F_{Rapk} RF N	RM N
R87  2	5.30	910	1270	1547	264	25	8980	8980	16600	18600	18600	20000
	6.39	1020	1270	1734	219	19	9450	9450	17700	18600	18600	20000
	7.13	1070	1270	1819	196	16	9780	9780	18300	18600	18600	20000
	8.22	1160	1270	1972	170	13	10200	10200	19200	18600	18600	20000
	9.14	1210	1270	2057	153	11	10500	10500	19800	18600	18600	20000
	9.90	1180	1550	2006	141	21	10400	10400	20000	16900	16900	20000
	11.93	1230	1550	2091	117	17	11200	11200	20000	16900	16900	20000
	13.33	1280	1550	2176	105	14	11600	11600	20000	16900	16900	20000
	15.35	1340	1550	2278	91	12	12100	12100	20000	16900	16900	20000
	17.08	1390	1550	2363	82	10	12600	12600	19900	16900	16900	20000
	19.10	1440	1550	2448	79	8.7	13000	13000	19900	16900	16900	20000
	21.51	1500	1550	2550	70	7.3	13600	13600	19800	16900	16900	20000
	23.40	1550	1550	2635	60	6.6	13900	13900	19700	16900	16900	20000
	27.84	1550	1550	2635	61	5.1	15000	15000	19700	16900	16900	20000
	31.40	1550	1550	2635	61	4.1	7820	7820	19700	16900	16900	20000
	34.40	1500	1550	2550	70	3.6	9480	9480	19800	16900	16900	20000
R87  3	27.88	1500	1550	2550	54	9.8	15100	15100	19800	16900	16900	20000
	32.66	1550	1550	2635	49	7.6	16000	16000	19700	16900	16900	20000
	36.84	1550	1550	2635	49	6.2	16800	16800	19700	16900	16900	20000
	41.74	1550	1550	2635	50	5.1	16900	16900	19700	16900	16900	20000
	47.58	1550	1550	2635	50	4.1	16900	16900	19700	16900	16900	20000
	52.82	1550	1550	2635	51	3.6	13500	13500	19700	16900	16900	20000
	60.35	1550	1550	2635	51	2.9	15200	15200	19700	16900	16900	20000
	63.68	1550	1550	2635	50	2.7	15800	15800	19700	16900	16900	20000
	72.57	1550	1550	2635	51	2.2	16900	16900	19700	16900	16900	20000
	81.92	1550	1550	2635	51	4.0	16900	16900	19700	16900	16900	20000
	93.38	1550	1550	2635	51	3.3	16900	16900	19700	16900	16900	20000
	103.65	1550	1550	2635	52	3.0	16900	16900	19700	16900	16900	20000
	118.43	1550	1550	2635	52	2.4	16900	16900	19700	16900	16900	20000
	124.97	1550	1550	2635	52	2.3	16900	16900	19700	16900	16900	20000
	142.41	1550	1550	2635	49	1.9	16900	16900	19700	16900	16900	20000
	155.34	1550	1550	2635	45	1.6	16900	16900	19700	16900	16900	20000
	181.77	1550	1550	2635	39	1.3	16900	16900	19700	16900	16900	20000
	205.71	1550	1550	2635	34	0.90	16900	16900	19700	16900	16900	20000
	216.54	1550	1550	2635	32	0.81	16900	16900	19700	16900	16900	20000
	246.54	1550	1550	2635	28	0.66	16900	16900	19700	16900	16900	20000



01 168 00 08

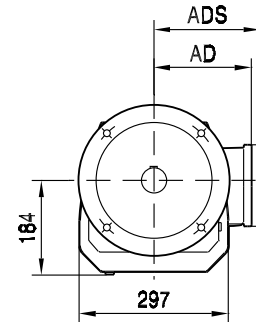
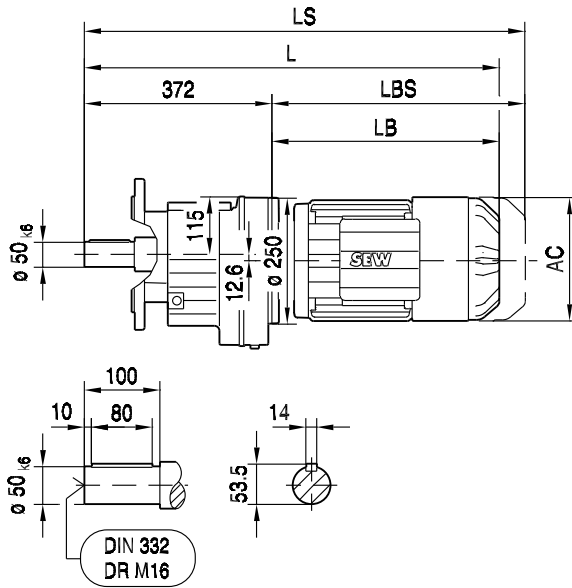
R87..**R87F..**

(→ 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	665	686	717	731	790	871	921	925	994	1054
LS	730	766	797	817	877	979	1029	1062	1183	1243
LB	293	314	345	359	418	499	549	553	622	682
LBS	358	394	425	445	505	607	657	690	811	871

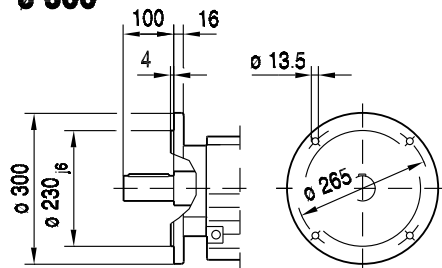


01 169 00 08

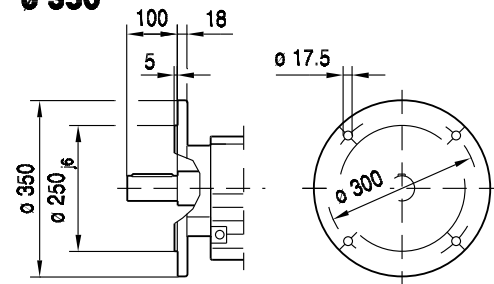
RF87..



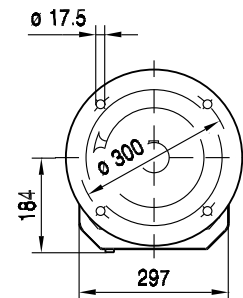
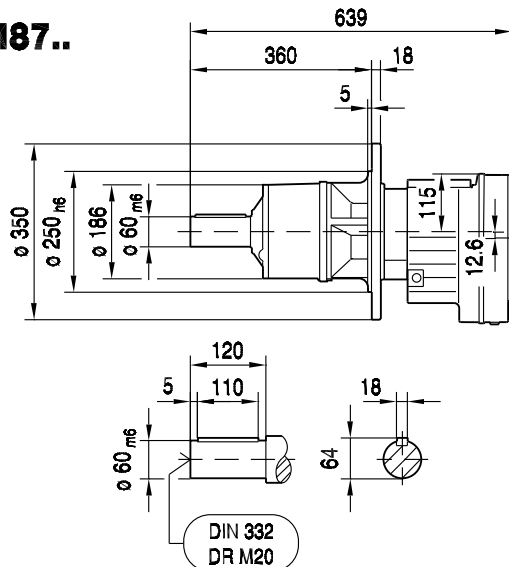
ø 300



ø 350

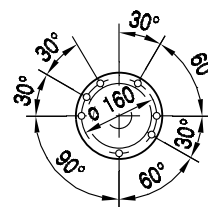
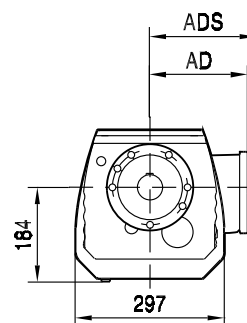
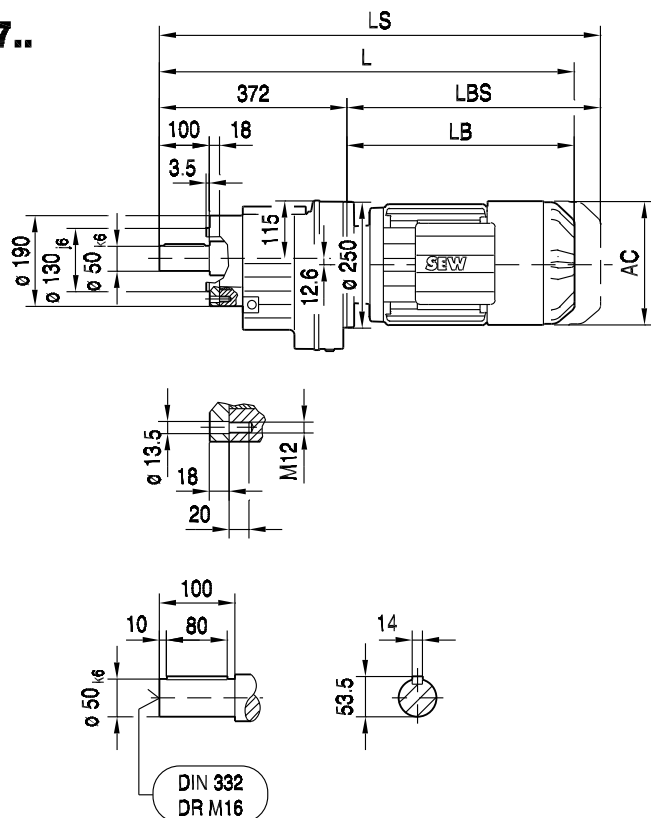


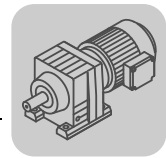
RM87..



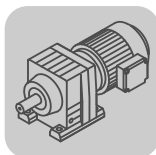
(→ 129)	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC
AC	139	156	156	179	197	221	221	270	316	316
AD	119	128	128	140	157	170	170	228	253	253
ADS	129	139	139	150	158	172	172	228	253	253
L	665	686	717	731	790	871	921	925	994	1054
LS	730	766	797	817	877	979	1029	1062	1183	1243
LB	293	314	345	359	418	499	549	553	622	682
LBS	358	394	425	445	505	607	657	690	811	871

RZ87..

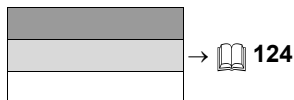
212



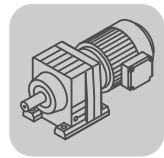
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8.3.10 R 97

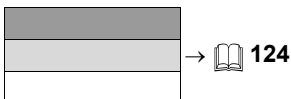
M _{aDyn} Nm	i	DRL													
		71M		80S		80M		90L		100L		132S		132MC	
		D1	D2	D1	D2	D1	D2	D1	D2	D1	D2	D1	D2	D1	D2
R97 2	4.50										370	345	650	565	870
	5.20										425	400	755	655	1000
	6.21										510	480	900	780	1200
	7.12						225	173	315	240	585	550	1030	890	1380
	8.39						265	200	370	280	690	650	1220	1050	1620
	9.29		126	90	225	117	295	225	410	315	765	720	1350	1170	1800
	10.83										890	840	1570	1360	2100
	12.39						395	300	550	420	1020	960	1800	1560	2400
	14.62						465	350	650	495	1200	1130	2120	1840	2830
	16.17		215	157	390	200	515	390	720	545	1330	1250	2350	2030	>3090
	18.24		245	177	440	230	580	440	810	615	1500	1410	2650	2300	>3090
	20.14		270	195	485	250	640	485	890	680	1660	1560	2930	2530	>3090
	22.37	152	300	215	540	280	715	540	990	755	1840	1730	>3090	2820	
	25.03	170	335	240	605	315	800	605	1110	840	2060	1940	>3090	>3090	
	27.19	185	365	260	655	340	870	655	1210	920	2240	2100			
	32.05	215	435	310	775	400	1020	775	1430	1080	2640	2480			
R97 3	27.58						870	660	1210	920	2250	2110	>3090	>3090	>3090
	33.25						1050	795	1460	1110	2710	2550	>3090	>3090	>3090
	37.13		495	355	890	460	1170	890	1630	1240	3020	2850	>3090	>3090	>3090
	42.78		570	410	1020	530	1350	1020	1880	1430	>3090	>3090	>3090	>3090	>3090
	47.58		635	455	1140	590	1500	1140	2100	1590	>3090	>3090	>3090	>3090	>3090
	53.21	355	715	510	1270	660	1680	1270	2340	1780	>3090	>3090	>3090	>3090	
	59.92	400	800	575	1430	745	1890	1430	2640	2010	>3090	>3090	>3090	>3090	
	65.21	435	870	625	1560	810	2060	1560	2870	2190	>3090	>3090			
	72.17		950	685	1710	890	2260	1710	>3090	2390	>3090	>3090	>3090	>3090	>3090
	83.15		1100	785	1970	1020	2600	1970	>3090	2760	>3090	>3090	>3090	>3090	>3090
	92.48		1220	870	2190	1140	2890	2190	>3090	3070	>3090	>3090	>3090	>3090	>3090
	103.44	685	1370	980	2450	1270	>3090	2450	>3090	>3090	>3090	>3090	>3090	>3090	
	116.48	770	1540	1100	2760	1430	>3090	2760	>3090	>3090	>3090	>3090	>3090	>3090	
	126.75	840	1680	1200	3010	1560	>3090	3010	>3090	>3090	>3090	>3090			
	150.78	1000	2000	1430	>3090	1860	>3090	>3090	>3090	>3090	>3090	>3090			
	170.02	1130	2260	1610	>3090	2090	>3090	>3090	>3090	>3090					
	186.30	1230	2470	1760	>3090	2300	>3090	>3090	>3090	>3090					
	216.28	1420	2840	2030	>3090	2640	>3090	>3090		>3090					
	241.25	1580	>3090	2260	>3090	2940									
	255.71	1680	>3090	2400	>3090	>3090									
	289.74	1880		2690		>3090									



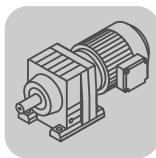
m kg		DRL							
	s	71M	80S	80M	90L	100L	132S	132MC	
R97	2	105	110	110	120	125	140	155	
R97	3	110	110	115	120	130	145	160	
RF: + 17.2 kg / RM: + 68.5 kg									



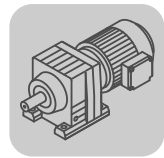
M _{aDyn} Nm	i	DRL												
		160M		160MC		180S		180M		180L		180LC	200L	225S
		D1	D2	D1	D2	D1	D2	D1	D2	D1	D2	D1	D1	D1
R97 	4.50	720	1220	800	1390	910	1650	1090	1870	1390	2260	1830	2070	2260
	5.20	830	1410	930	1610	1050	1910	1260	2160	1610	>2560	2110	2390	>2560
	6.21	990	1680	1110	1920	1260	2280	1500	>2560	1920	>2560	2520	>2560	>2560
	7.12	1130	1930	1270	2210	1450	>2560	1720	>2560	2210	>2560	>2560	>2560	>2560
	8.39	1340	2270	1500	>2560	1700	>2560	2030	>2560	>2560	>2560	>2560	>2560	>2560
	9.29	1480	2520	1660	>2560	1890	>2560	2250	>2560	>2560	>2560	>2560	>2560	>2560
	10.83	1730	2940	1940	>3090	2200	>3090	2620	>3090	>3090	>3090	>3090	>3090	>3090
	12.39	1980	>3090	2220	>3090	2520	>3090	3000	>3090	>3090	>3090	>3090	>3090	>3090
	14.62	2330	>3090	2620	>3090	2970	>3090	>3090	>3090	>3090	>3090	>3090	>3090	>3090
	16.17	2580	>3090	2900	>3090	>3090	>3090	>3090	>3090	>3090	>3090	>3090	>3090	>3090
	18.24	2910	>3090	>3090	>3090	>3090		>3090		>3090				
	20.14	>3090	>3090	>3090	>3090	>3090		>3090		>3090				
	22.37	>3090		>3090										
	25.03	>3090		>3090										
	27.19													
	32.05													
R97 	27.58	>3090	>3090	>3090	>3090	>3090	>3090	>3090	>3090	>3090	>3090	>3090	>3090	>3090
	33.25	>3090	>3090	>3090	>3090	>3090	>3090	>3090	>3090	>3090	>3090	>3090	>3090	>3090
	37.13	>3090	>3090	>3090	>3090	>3090	>3090	>3090	>3090	>3090	>3090	>3090	>3090	>3090
	42.78	>3090	>3090	>3090	>3090	>3090		>3090		>3090				
	47.58	>3090	>3090	>3090	>3090	>3090		>3090		>3090				
	53.21	>3090		>3090										
	59.92	>3090		>3090										
	65.21													
	72.17	>3090	>3090	>3090	>3090	>3090	>3090	>3090	>3090	>3090	>3090	>3090	>3090	>3090
	83.15	>3090	>3090	>3090	>3090	>3090		>3090		>3090				
	92.48	>3090	>3090	>3090	>3090	>3090		>3090		>3090				
	103.44	>3090		>3090										
	116.48	>3090		>3090										
	126.75													
	150.78													
	170.02													
	186.30													
	216.28													
	241.25													
	255.71													
	289.74													



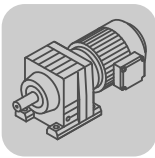
m kg		DRL							
	s	160M	160MC	180S	180M	180L	180LC	200L	225S
R97		180	185	210	230	240	250	345	375
R97		180	185	215	230	240	255	350	380
RF: + 17.2 kg / RM: + 68.5 kg									



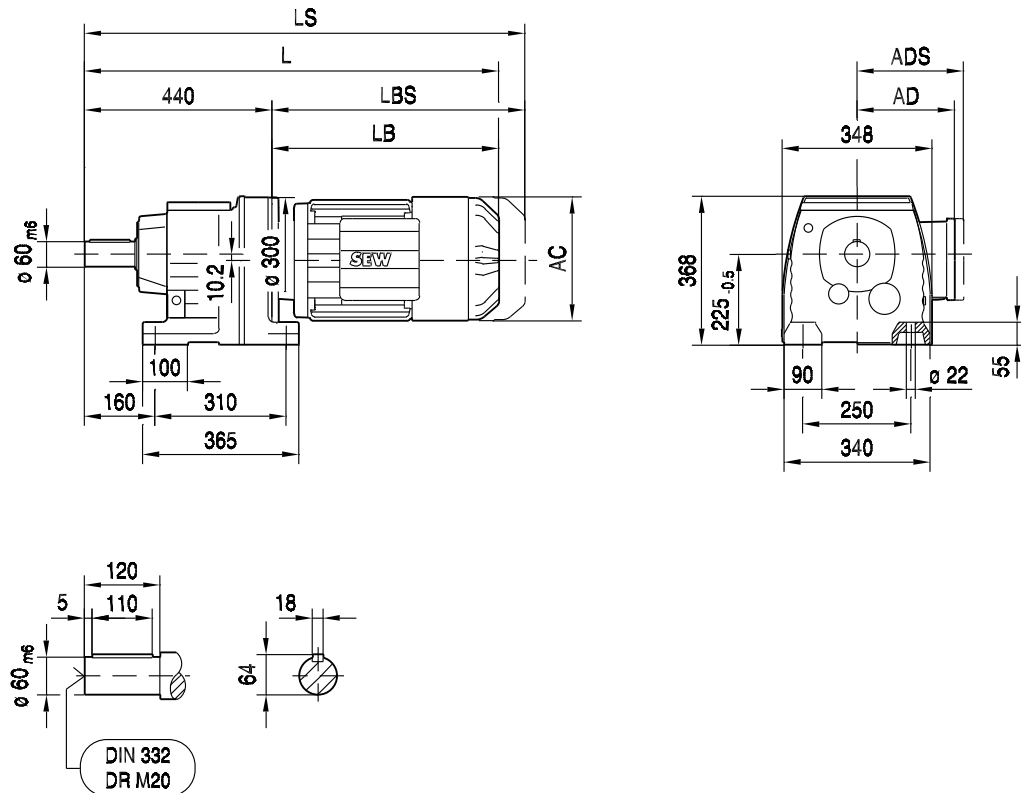
DRL..		n_{epk} 1/min	η %	R Nm/	C_{TG} RF Nm/	RM Nm/	φ /R °
R97 2	4.50	3597	97	127	127	112	6
	5.20	3924	97	127	127	112	6
	6.21	4378	97	127	127	112	6
	7.12	4500	97	127	127	112	6
	8.39	4500	97	127	127	112	6
	9.29	4500	97	127	127	112	6
	10.83	4500	97	155	155	132	6
	12.39	4500	97	155	155	132	6
	14.62	4500	97	155	155	132	6
	16.17	4500	97	155	155	132	6
	18.24	4500	97	155	155	132	6
	20.14	4500	97	155	155	132	5
	22.37	4500	97	155	155	132	5
	25.03	4500	97	155	155	132	5
	27.19	4500	97	155	155	132	5
R97 3	32.05	4500	97	155	155	132	5
	27.58	4500	96	163	163	138	6
	33.25	4500	96	163	163	138	6
	37.13	4500	96	163	163	138	6
	42.78	4500	96	163	163	138	6
	47.58	4500	96	163	163	138	6
	53.21	4500	96	163	163	138	6
	59.92	4500	96	163	163	138	6
	65.21	4500	96	163	163	138	6
	72.17	4500	95	164	164	139	6
	83.15	4500	95	164	164	139	6
	92.48	4500	95	164	164	139	6
	103.44	4500	95	164	164	139	6
	116.48	4500	95	164	164	139	6
	126.75	4500	95	164	164	139	6
	150.78	4500	95	164	164	139	6
	170.02	4500	95	164	164	139	6
	186.30	4500	95	164	164	139	6
	216.28	4500	94	164	164	139	6
	241.25	4500	94	164	164	139	6
	255.71	4500	94	164	164	139	6
	289.74	4500	93	164	164	139	6



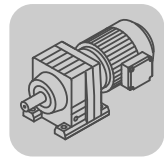
DRL.. $n_e = 1400$		M_{amax} Nm	M_{apk} Nm	$M_{aNotaus}$ Nm	n_{ak} 1/min	$J_G \cdot 10^{-4}$ kgm ²	R N	F_{Ramax} RF N	RM N	R N	F_{Rapk} RF N	RM N
R97  2	4.50	1630	2445	2771	244	80	9500	9500	17900	24400	24400	26300
	5.20	1780	2560	3026	192	65	9850	9850	18700	23800	23800	26100
	6.21	1890	2560	3213	161	51	10500	10500	19900	23800	23800	26100
	7.12	2000	2560	3400	140	41	10900	10900	20800	23800	23800	26100
	8.39	2030	2560	3451	131	33	11700	11700	22000	23800	23800	26100
	9.29	2030	2560	3451	129	28	12200	12200	22800	23800	23800	26100
	10.83	2090	3090	3553	129	46	12100	12100	23700	16000	16000	24500
	12.39	2190	3090	3723	113	37	12700	12700	24800	16000	16000	24500
	14.62	2300	3090	3910	103	30	13400	13400	26200	16000	16000	24500
	16.17	2400	3090	4080	87	26	13800	13800	26200	16000	16000	24500
	18.24	2500	3090	4250	77	22	14400	14400	26100	16000	16000	24500
	20.14	2610	3090	4437	70	19	14800	14800	26000	16000	16000	24500
	22.37	2720	3090	4624	63	16	15300	15300	25800	16000	16000	24500
	25.03	2830	3090	4811	56	14	15900	15900	25700	16000	16000	24500
	27.19	2560	3090	4352	74	13	8380	8380	26000	16000	16000	24500
	32.05	2560	3090	4352	75	9.8	10600	10600	26000	16000	16000	24500
R97  3	27.58	2670	3090	4539	54	24	16900	16900	25900	16000	16000	24500
	33.25	2890	3090	4913	45	19	17900	17900	25600	16000	16000	24500
	37.13	3000	3090	5100	40	16	18600	18600	25400	16000	16000	24500
	42.78	3000	3090	5100	37	13	19800	19800	25400	16000	16000	24500
	47.58	3000	3090	5100	38	11	19800	19800	25400	16000	16000	24500
	53.21	3000	3090	5100	39	9.5	19800	19800	25400	16000	16000	24500
	59.92	3000	3090	5100	40	8.0	19800	19800	25400	16000	16000	24500
	65.21	3000	3090	5100	40	7.1	19800	19800	25400	16000	16000	24500
	72.17	3000	3090	5100	35	14	18000	18000	25400	16000	16000	24500
	83.15	3000	3090	5100	35	11	19800	19800	25400	16000	16000	24500
	92.48	3000	3090	5100	35	9.8	19800	19800	25400	16000	16000	24500
	103.44	3000	3090	5100	35	8.4	19800	19800	25400	16000	16000	24500
	116.48	3000	3090	5100	35	7.0	19800	19800	25400	16000	16000	24500
	126.75	3000	3090	5100	36	6.3	19800	19800	25400	16000	16000	24500
	150.78	3000	3090	5100	35	4.9	19800	19800	25400	16000	16000	24500
	170.02	3000	3090	5100	35	4.0	19800	19800	25400	16000	16000	24500
	186.30	3000	3090	5100	35	3.5	19800	19800	25400	16000	16000	24500
	216.28	3000	3090	5100	32	2.8	19800	19800	25400	16000	16000	24500
	241.25	3000	3090	5100	29	1.8	19800	19800	25400	16000	16000	24500
	255.71	3000	3090	5100	27	1.6	19800	19800	25400	16000	16000	24500
	289.74	3000	3090	5100	24	1.3	19800	19800	25400	16000	16000	24500



01 171 00 08

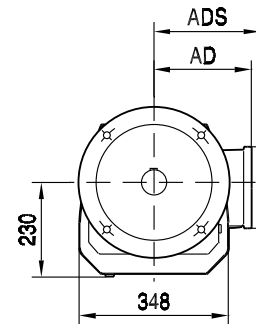
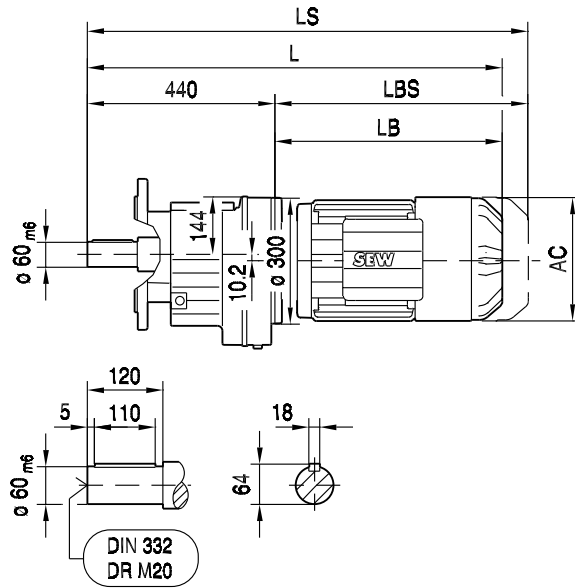
R97..

(→ 129)	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC	DRL225S
AC	139	156	156	179	197	221	221	270	316	316	394
AD	119	128	128	140	157	170	170	228	253	253	283
ADS	129	139	139	150	158	172	172	228	253	253	283
L	728	749	780	794	853	934	984	988	1057	1117	1190
LS	793	829	860	880	940	1042	1092	1125	1246	1306	1395
LB	288	309	340	354	413	494	544	548	617	677	750
LBS	353	389	420	440	500	602	652	685	806	866	955

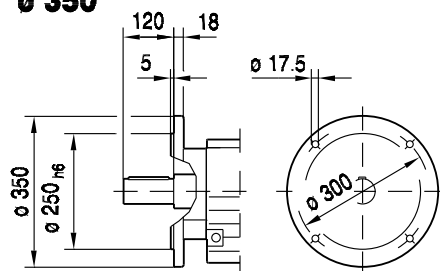


01 172 00 08

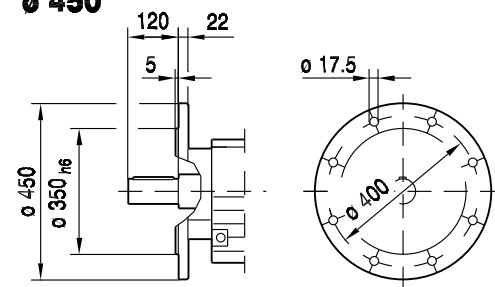
RF97..



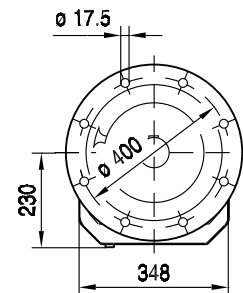
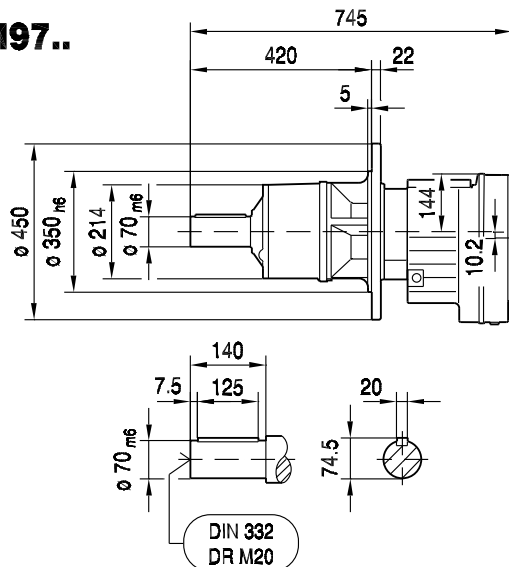
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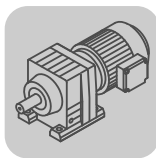
ø 450



RM97..



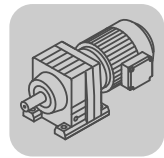
(→ 129)	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC	DRL225S
AC	139	156	156	179	197	221	221	270	316	316	394
AD	119	128	128	140	157	170	170	228	253	253	283
ADS	129	139	139	150	158	172	172	228	253	253	283
L	728	749	780	794	853	934	984	988	1057	1117	1190
LS	793	829	860	880	940	1042	1092	1125	1246	1306	1395
LB	288	309	340	354	413	494	544	548	617	677	750
LBS	353	389	420	440	500	602	652	685	806	866	955


8.3.11 R 107

M _{aDyn} Nm	i	DRL													
		90L		100L		132S		132MC		160M		160MC		180S	
		D1	D2	D1	D2	D1	D2	D1	D2	D1	D2	D1	D2	D1	D2
R107 	4.92						715	620	950	785	1330	880	1520	1000	1810
	5.82				475	450	840	730	1120	930	1580	1040	1800	1180	2140
	6.66				545	515	960	830	1290	1060	1800	1190	2060	1350	2450
	7.86				645	605	1140	990	1520	1250	2130	1410	2430	1600	2890
	8.56						1240	1070	1660	1370	2320	1530	2650	1740	3150
	10.13				830	785	1470	1270	1960	1620	2750	1810	3140	2060	3730
	11.59				950	890	1680	1460	2240	1850	3140	2070	3590	2360	4270
	13.66				1120	1060	1980	1720	2650	2180	3710	2450	4240	2780	>4360
	15.65	375	695	530	1290	1210	2270	1970	3030	2500	4250	2800	>4360	3180	>4360
	18.21	440	810	615	1500	1410	2640	2290	3530	2910	>4360	3260	>4360	3700	>4360
	20.07	485	890	680	1650	1550	2920	2530	3890	3210	>4360	3600	>4360	4080	>4360
	22.62	545	1000	765	1860	1750	3290	2850	>4360	3620	>4360	4050	>4360	>4360	
	24.90	600	1110	840	2050	1930	3620	3130	>4360	3980	>4360	>4360	>4360	>4360	
	27.58	665	1230	930	2270	2140	4010	3470		>4360		>4360			
	30.77	745	1370	1040	2530	2380	>4360	3880		>4360		>4360			
R107 	29.49				2380	2240	4200	3640	>4360	>4360	>4360	>4360	>4360	>4360	>4360
	35.26				2870	2700	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360
	40.37	960	1780	1350	3290	3100	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360
	47.63	1140	2100	1600	3880	3650	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360
	52.68	1260	2320	1770	4290	4040	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360
	59.41	1420	2620	1990	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	
	65.60	1570	2890	2200	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	
	72.88	1740	3210	2440	>4360	>4360	>4360	>4360		>4360		>4360			
	78.57	1860	3430	2610	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360
	92.70	2200	4050	3080	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360
	102.53	2430	>4360	3400	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360
	115.63	2740	>4360	3840	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	
	127.68	3030	>4360	4240	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	
	141.83	3360	>4360	>4360	>4360	>4360	>4360	>4360		>4360		>4360			
	158.68	3760	>4360	>4360	>4360	>4360	>4360	>4360		>4360		>4360			
	172.34	4090	>4360	>4360	>4360	>4360									
	203.16	>4360	>4360	>4360	>4360	>4360									
	229.95	>4360	>4360	>4360											
	251.15	>4360	>4360	>4360											

	→  124

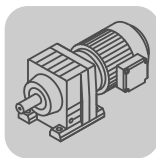
m kg		DRL							
	s	90L	100L	132S	132MC	160M	160MC	180S	
R107		175	180	195	210	235	240	265	
R107		180	185	200	215	240	245	275	
RF: + 6.0 kg / RM: + 94.0 kg									



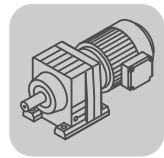
M _{aDyn} Nm	i	DRL										
		180M		180L		180LC		200L		225S		225MC
		D1	D2	D1	D2	D1	D2	D1	D2	D1	D2	D1
R107 	4.92	1190	2050	1520	2480	2000	2860	2260	3240	2480	3670	3670
	5.82	1410	2420	1800	2930	2370	3380	2680	>3820	2930	>3820	>3820
	6.66	1610	2770	2060	3350	2710	>3820	3060	>3820	3350	>3820	>3820
	7.86	1900	3270	2430	>3820	3200	>3820	3620	>3820	>3820	>3820	>3820
	8.56	2070	3570	2650	4310	3480	>4360	3940	>4360	4310	>4360	>4360
	10.13	2450	4220	3140	>4360	4120	>4360	>4360	>4360	>4360	>4360	>4360
	11.59	2810	>4360	3590	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360
	13.66	3310	>4360	4240	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360
	15.65	3790	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360
	18.21	>4360	>4360	>4360	>4360	>4360		>4360		>4360		
	20.07	>4360	>4360	>4360	>4360	>4360		>4360		>4360		
	22.62	>4360		>4360								
	24.90	>4360		>4360								
	27.58											
	30.77											
R107 	29.49	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360
	35.26	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360
	40.37	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360	>4360
	47.63	>4360	>4360	>4360	>4360	>4360		>4360		>4360		
	52.68	>4360	>4360	>4360	>4360	>4360		>4360		>4360		
	59.41	>4360		>4360								
	65.60	>4360		>4360								
	72.88											
	78.57	>4360	>4360	>4360	>4360	>4360		>4360		>4360		
	92.70	>4360	>4360	>4360	>4360	>4360		>4360		>4360		
	102.53	>4360	>4360	>4360	>4360	>4360		>4360		>4360		
	115.63	>4360		>4360								
	127.68	>4360		>4360								
	141.83											
	158.68											
	172.34											
	203.16											
	229.95											
	251.15											

	→ 124

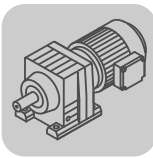
m kg		DRL					
	s	180M	180L	180LC	200L	225S	225MC
R107		285	295	305	400	430	475
R107		290	300	310	410	440	480
RF: + 6.0 kg / RM: + 94.0 kg							



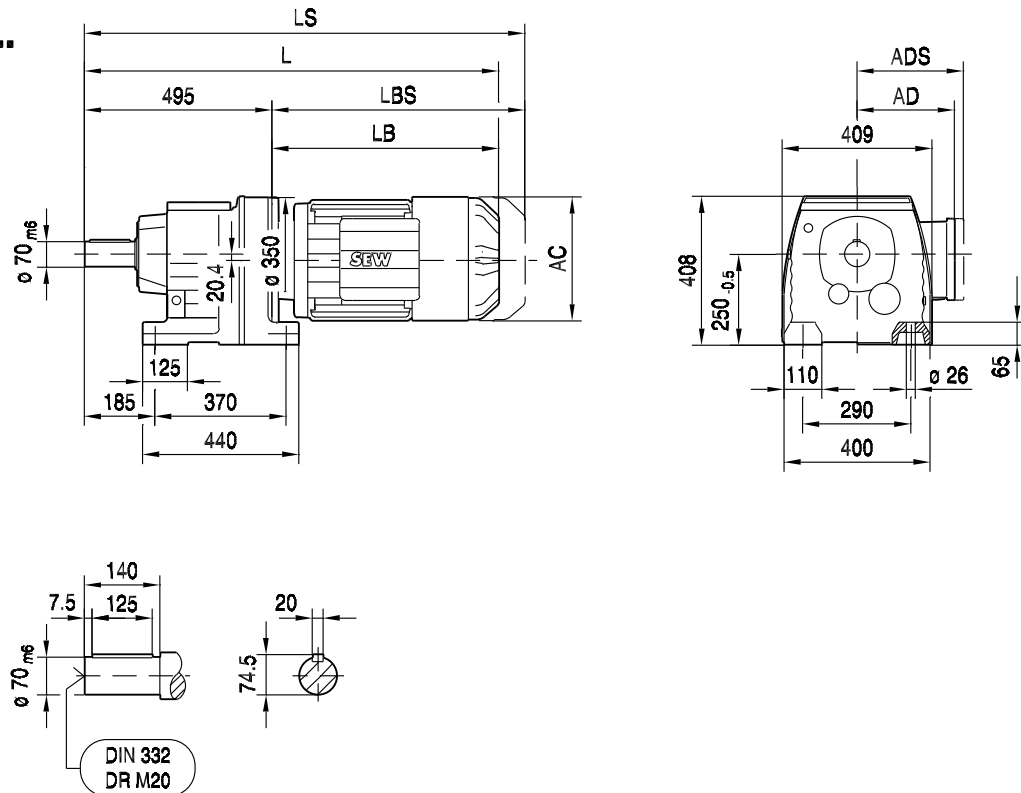
DRL..		n_{epk} 1/min	η %	R Nm/	C_{TG} RF Nm/	RM Nm/	φ /R °
R107 2	i						
	4.92	3197	97	208	208	175	9
	5.82	3597	97	208	208	175	9
	6.66	3924	97	208	208	175	9
	7.86	4378	97	208	208	175	9
	8.56	4500	97	250	250	203	7
	10.13	4500	97	250	250	203	7
	11.59	4500	97	250	250	203	7
	13.66	4500	97	250	250	203	7
	15.65	4500	97	250	250	203	7
	18.21	4500	97	250	250	203	7
	20.07	4500	97	250	250	203	7
	22.62	4500	97	250	250	203	7
	24.90	4500	97	250	250	203	7
	27.58	4500	97	250	250	203	7
	30.77	4500	97	250	250	203	7
R107 3	29.49	4500	95	259	259	210	7
	35.26	4500	96	259	259	210	7
	40.37	4500	96	259	259	210	7
	47.63	4500	96	259	259	210	7
	52.68	4500	96	259	259	210	7
	59.41	4500	96	259	259	210	7
	65.60	4500	96	259	259	210	7
	72.88	4500	96	259	259	210	7
	78.57	4500	95	260	260	210	7
	92.70	4500	95	260	260	210	7
	102.53	4500	95	260	260	210	7
	115.63	4500	95	260	260	210	7
	127.68	4500	95	260	260	210	7
	141.83	4500	95	260	260	210	7
	158.68	4500	95	260	260	210	7
	172.34	4500	95	260	260	210	7
	203.16	4500	94	260	260	210	7
	229.95	4500	94	260	260	210	7
	251.15	4500	94	260	260	210	7



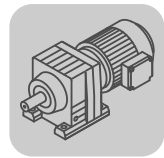
DRL.. $n_e = 1400$		M_{amax} Nm	M_{apk} Nm	$M_{aNotaus}$ Nm	n_{ak} 1/min	$J_G \cdot 10^{-4}$ kgm ²	R N	F_{Rmax} RF N	RM N	R N	F_{Rapk} RF N	RM N
		i										
R107  2		4.92	2900	3820	4930	467	144	11300	11300	21100	31800	33500
		5.82	2970	3820	5049	515	108	12100	12100	22400	31800	33500
		6.66	2970	3820	5049	586	88	12800	12800	23500	31800	33500
		7.86	2970	3820	5049	700	70	13800	13800	24900	31800	33500
		8.56	4300	4360	7310	245	129	11300	11300	24400	29100	32100
		10.13	4300	4360	7310	237	97	12400	12400	26000	29100	32100
		11.59	4300	4360	7310	242	80	13300	13300	27300	29100	32100
		13.66	4300	4360	7310	242	64	14400	14400	29000	29100	32100
		15.65	4300	4360	7310	236	52	15400	15400	30500	29100	32100
		18.21	4300	4360	7310	236	43	16600	16600	32300	29100	32100
		20.07	4300	4360	7310	234	37	17300	17300	32800	29100	32100
		22.62	4300	4360	7310	234	31	18300	18300	32800	29100	32100
		24.90	4300	4360	7310	237	27	19200	19200	32800	29100	32100
		27.58	4300	4360	7310	232	21	20100	20100	32800	29100	32100
		30.77	4300	4360	7310	227	18	21100	21100	32800	29100	32100
R107  3		29.49	4300	4360	7310	85	60	20700	20700	32800	29100	32100
		35.26	4300	4360	7310	88	47	22400	22400	32800	29100	32100
		40.37	4300	4360	7310	87	38	23800	23800	32800	29100	32100
		47.63	4300	4360	7310	88	31	25500	25500	32800	29100	32100
		52.68	4300	4360	7310	89	27	26600	26600	32800	29100	32100
		59.41	4300	4360	7310	89	22	28000	28000	32800	29100	32100
		65.60	4300	4360	7310	90	19	29200	29200	32800	29100	32100
		72.88	4300	4360	7310	89	17	29500	29500	32800	29100	32100
		78.57	4300	4360	7310	46	34	29500	29500	32800	29100	32100
		92.70	4300	4360	7310	47	28	29500	29500	32800	29100	32100
		102.53	4300	4360	7310	48	25	29500	29500	32800	29100	32100
		115.63	4300	4360	7310	48	20	29500	29500	32800	29100	32100
		127.68	4300	4360	7310	49	18	29500	29500	32800	29100	32100
		141.83	4300	4360	7310	49	15	29500	29500	32800	29100	32100
		158.68	4300	4360	7310	44	13	29500	29500	32800	29100	32100
		172.34	4300	4360	7310	41	12	29500	29500	32800	29100	32100
		203.16	4300	4360	7310	34	9.2	29500	29500	32800	29100	32100
		229.95	4300	4360	7310	30	5.9	29500	29500	32800	29100	32100
		251.15	4300	4360	7310	28	5.1	29500	29500	32800	29100	32100



01 173 00 08

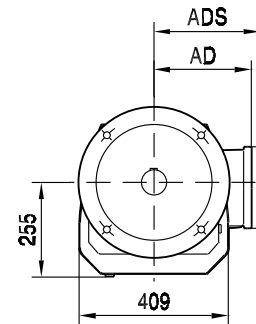
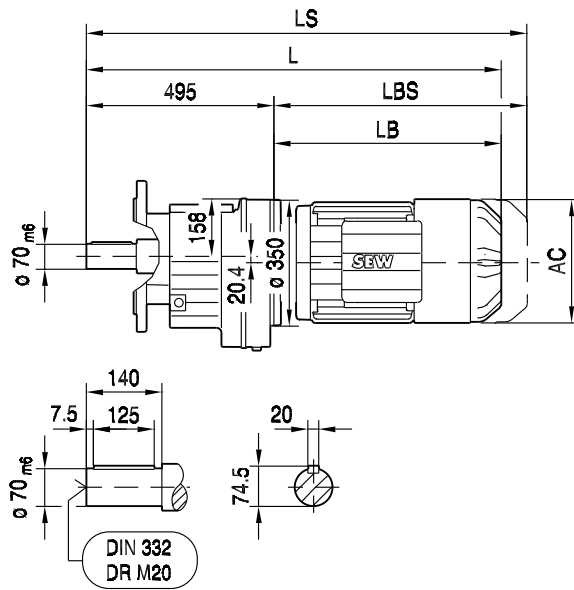
R107..

(→ 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	843	902	983	1033	1037	1106	1166	1239	1289
LS	929	989	1091	1141	1174	1295	1355	1444	1494
LB	348	407	488	538	542	611	671	744	794
LBS	434	494	596	646	679	800	860	949	999

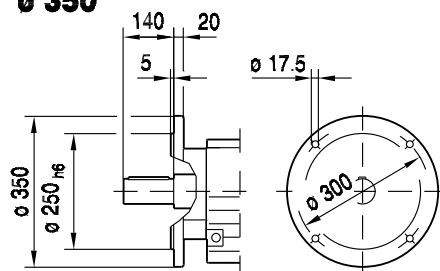


01 174 00 08

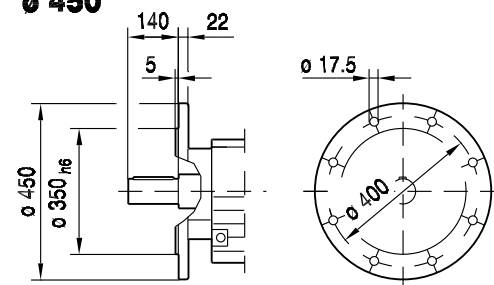
RF107..



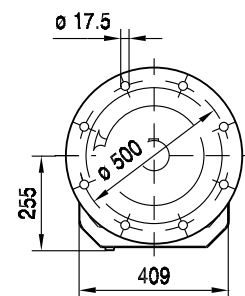
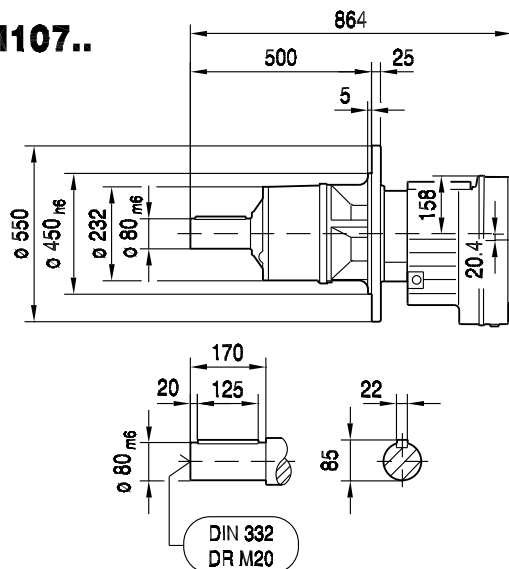
ø 350



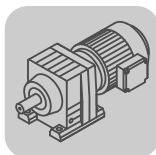
ø 450



RM107..



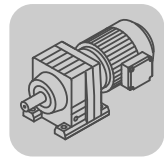
(→ 129)	DRL90L	DRL100L	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC
AC	179	197	221	221	270	316	316	394	394
AD	140	157	170	170	228	253	253	283	283
ADS	150	158	172	172	228	253	253	283	283
L	843	902	983	1033	1037	1106	1166	1239	1289
LS	929	989	1091	1141	1174	1295	1355	1444	1494
LB	348	407	488	538	542	611	671	744	794
LBS	434	494	596	646	679	800	860	949	999


8.3.12 R 137

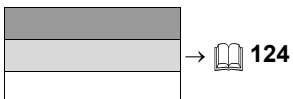
M _{aDyn} Nm	i	DRL													
		132S		132MC		160M		160MC		180S		180M		180L	
		D1	D2	D1	D2	D1	D2	D1	D2	D1	D2	D1	D2	D1	D2
R137  2	5.15				990		1390		1590	1040	1890	1240	2140	1590	2590
	6.38		920	800	1230	1020	1730	1140	1980	1290	2350	1540	2660	1980	3210
	7.59	585	1100	950	1470	1210	2060	1360	2350	1540	2790	1840	3160	2350	3820
	8.71				1680		2360		2700	1770	3210	2110	3630	2700	4390
	10.79		1560	1360	2090	1720	2930	1930	3340	2190	3970	2610	4500	3340	5440
	12.83	990	1860	1610	2480	2050	3480	2300	3980	2610	4720	3110	5350	3980	6470
	14.51	1120	2110	1820	2810	2320	3940	2600	4500	2950	5340	3510	6050	4500	7310
	16.80	1300	2440	2110	3250	2680	4560	3010	5210	3420	6190	4070	7000	5210	>8160
	19.04	1470	2770	2400	3690	3040	5170	3410	5910	3870	7010	4610	7940	5910	>8160
	22.00	1700	3200	2770	4260	3520	5970	3940	6820	4480	8100	5330	>8160	6820	>8160
	24.12	1870	3500	3040	4670	3860	6550	4320	7480	4910	>8160	5840	>8160	7480	>8160
	29.57	2290	4300	3720	5730	4730	8030	5300	>8160	6020		7170		>8160	
R137  3	27.83		4000	3470	5340	4400	7480	4940	>8160	5610	>8160	6670	>8160	>8160	>8160
	32.91	2520	4730	4100	6310	5210	>8160	5840	>8160	6630	>8160	7890	>8160	>8160	>8160
	37.65	2890	5420	4690	7220	5960	>8160	6680	>8160	7590	>8160	>8160	>8160	>8160	>8160
	44.39	3400	6390	5530	>8160	7030	>8160	7880	>8160	>8160	>8160	>8160	>8160	>8160	>8160
	50.86	3900	7320	6340	>8160	8050	>8160	>8160	>8160	>8160	>8160	>8160	>8160	>8160	>8160
	59.17	4540	>8160	7380	>8160	>8160	>8160	>8160	>8160	>8160	>8160	>8160	>8160	>8160	>8160
	65.20	5000	>8160	8130	>8160	>8160	>8160	>8160	>8160	>8160	>8160	>8160	>8160	>8160	>8160
	73.49	5640	>8160	>8160	>8160	>8160	>8160	>8160	>8160	>8160		>8160		>8160	
	80.91	6210	>8160	>8160	>8160	>8160	>8160	>8160	>8160	>8160		>8160		>8160	
	88.70	6740	>8160	>8160	>8160	>8160	>8160	>8160	>8160	>8160	>8160	>8160	>8160	>8160	>8160
	103.20	7840	>8160	>8160	>8160	>8160	>8160	>8160	>8160	>8160	>8160	>8160	>8160	>8160	>8160
	113.72	>8160	>8160	>8160	>8160	>8160	>8160	>8160	>8160	>8160	>8160	>8160	>8160	>8160	>8160
	128.18	>8160	>8160	>8160	>8160	>8160	>8160	>8160	>8160	>8160		>8160		>8160	
	141.12	>8160	>8160	>8160	>8160	>8160	>8160	>8160	>8160	>8160		>8160		>8160	
	156.31	>8160	>8160	>8160		>8160		>8160							
	174.40	>8160	>8160	>8160		>8160		>8160							
	188.45	>8160													
	222.60	>8160													



m kg		DRL						
	s	132S	132MC	160M	160MC	180S	180M	180L
R137	 2	280	295	315	320	345	360	375
R137	 3	290	305	325	330	355	370	385
RF: + 23.3 kg / RM: + 134.4 kg								

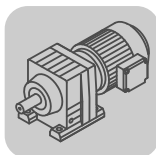


M _{aDyn} Nm	i	DRL							
		180LC		200L		225S		225MC	
		D1	D2	D1	D2	D1	D2	D1	D2
R137 	5.15	2090	2990	2370	3390	2590	3840	3840	5490
	6.38	2590	3710	2930	4200	3210	4760	4760	>6150
	7.59	3090	4410	3490	5000	3820	5660	5660	>6150
	8.71	3540	5060	4010	5740	4390	6500	6500	>8160
	10.79	4390	6270	4970	7110	5440	8050	8050	>8160
	12.83	5220	7460	5910	>8160	6470	>8160	>8160	>8160
	14.51	5910	>8160	6680	>8160	7310	>8160	>8160	>8160
	16.80	6840	>8160	7740	>8160	>8160	>8160	>8160	
	19.04	7750	>8160	>8160	>8160	>8160	>8160	>8160	
	22.00	>8160		>8160		>8160			
	24.12	>8160		>8160		>8160			
R137 	27.83	>8160	>8160	>8160	>8160	>8160	>8160	>8160	>8160
	32.91	>8160	>8160	>8160	>8160	>8160	>8160	>8160	>8160
	37.65	>8160	>8160	>8160	>8160	>8160	>8160	>8160	>8160
	44.39	>8160	>8160	>8160	>8160	>8160	>8160	>8160	
	50.86	>8160	>8160	>8160	>8160	>8160	>8160	>8160	
	59.17	>8160		>8160		>8160			
	65.20	>8160		>8160		>8160			
	73.49								
	80.91								
	88.70	>8160	>8160	>8160	>8160	>8160	>8160	>8160	
	103.20	>8160		>8160		>8160			
	113.72	>8160		>8160		>8160			
	128.18								
	141.12								
	156.31								
	174.40								
	188.45								
	222.60								

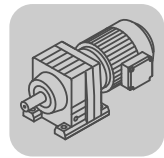


→ 124

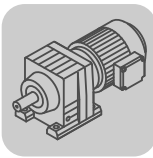
m kg		DRL			
	s	180LC	200L	225S	225MC
R137		385	480	510	550
R137		395	490	520	560
RF: + 23.3 kg / RM: + 134.4 kg					



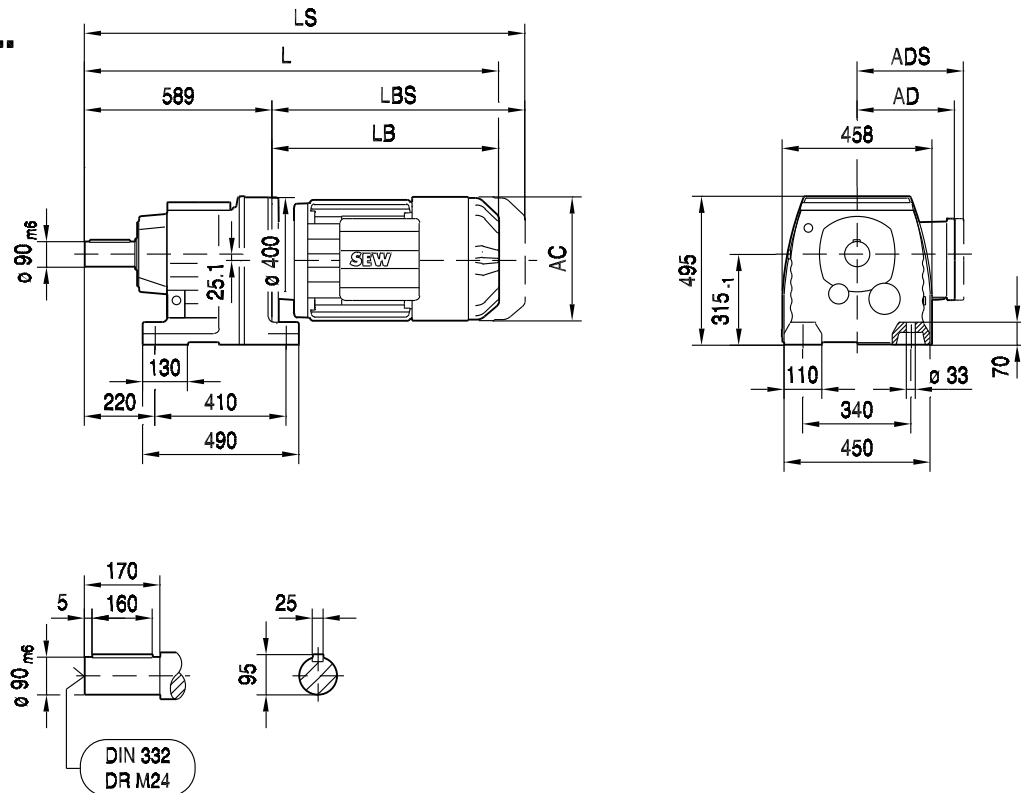
DRL..		n_{epk} 1/min	η %	R Nm/	C_{TG} RF Nm/	RM Nm/	φ /R °
R137 2	5.15	2797	97	433	433	351	8
	6.38	3197	97	433	433	351	8
	7.59	3597	97	433	433	351	8
	8.71	2797	97	524	524	409	6
	10.79	4500	97	524	524	409	6
	12.83	4500	97	524	524	409	6
	14.51	4500	97	524	524	409	6
	16.80	4500	97	524	524	409	6
	19.04	4500	97	524	524	409	6
	22.00	4500	97	524	524	409	6
	24.12	4500	97	524	524	409	6
	29.57	4500	97	524	524	409	6
R137 3	27.83	4500	96	546	546	422	7
	32.91	4500	96	546	546	422	6
	37.65	3924	96	546	546	422	6
	44.39	4378	96	546	546	422	6
	50.86	4500	96	546	546	422	6
	59.17	4500	96	546	546	422	6
	65.20	4500	96	546	546	422	6
	73.49	4500	96	546	546	422	6
	80.91	4500	96	546	546	422	6
	88.70	4500	95	548	548	423	6
	103.20	4500	95	548	548	423	6
	113.72	4500	95	548	548	423	6
	128.18	4500	95	548	548	423	6
	141.12	4500	95	548	548	423	6
	156.31	4500	95	548	548	423	6
	174.40	4500	95	548	548	423	6
	188.45	4500	95	548	548	423	6
	222.60	4500	95	548	548	423	6



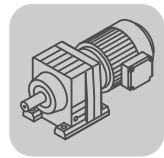
DRL.. $n_e = 1400$		M_{amax} Nm	M_{apk} Nm	$M_{aNotaus}$ Nm	n_{ak} 1/min	$J_G \cdot 10^{-4}$ kgm ²	R N	F_{Rmax} RF N	RM N	R N	F_{Rapk} RF N	RM N
R137  2	5.15	4600	6150	7820	1359	304	34500	34500	38800	56800	56800	56600
	6.38	5110	6150	8687	1097	223	35900	35900	41400	56800	56800	56600
	7.59	5110	6150	8687	922	173	39000	39000	44300	56800	56800	56600
	8.71	7840	8160	13328	161	289	27600	27600	42200	53000	53000	51000
	10.79	8000	8160	13600	148	213	31100	31100	45900	53000	53000	51000
	12.83	8000	8160	13600	140	161	34700	34700	49300	53000	53000	51000
	14.51	8000	8160	13600	138	136	37300	37300	51800	53000	53000	51000
	16.80	8000	8160	13600	131	110	40600	40600	54400	53000	53000	51000
	19.04	8000	8160	13600	126	91	43500	43500	54400	53000	53000	51000
	22.00	8000	8160	13600	123	75	47100	47100	54400	53000	53000	51000
	24.12	8000	8160	13600	124	66	49400	49400	54400	53000	53000	51000
	29.57	7780	8160	13226	132	42	53900	53900	55000	53000	53000	51000
R137  3	27.83	7680	8160	13056	54	125	54100	54100	55100	53000	53000	51000
	32.91	8000	8160	13600	46	94	53400	53400	54400	53000	53000	51000
	37.65	8000	8160	13600	50	78	53400	53400	54400	53000	53000	51000
	44.39	8000	8160	13600	54	62	53400	53400	54400	53000	53000	51000
	50.86	8000	8160	13600	55	51	53400	53400	54400	53000	53000	51000
	59.17	8000	8160	13600	59	42	53400	53400	54400	53000	53000	51000
	65.20	8000	8160	13600	60	37	53400	53400	54400	53000	53000	51000
	73.49	8000	8160	13600	63	31	53400	53400	54400	53000	53000	51000
	80.91	8000	8160	13600	63	27	53400	53400	54400	53000	53000	51000
	88.70	8000	8160	13600	70	47	53400	53400	54400	53000	53000	51000
	103.20	8000	8160	13600	68	39	53400	53400	54400	53000	53000	51000
	113.72	8000	8160	13600	62	34	53400	53400	54400	53000	53000	51000
	128.18	8000	8160	13600	55	28	53400	53400	54400	53000	53000	51000
	141.12	8000	8160	13600	50	25	53400	53400	54400	53000	53000	51000
	156.31	8000	8160	13600	45	19	53400	53400	54400	53000	53000	51000
	174.40	8000	8160	13600	40	16	53400	53400	54400	53000	53000	51000
	188.45	8000	8160	13600	37	15	53400	53400	54400	53000	53000	51000
	222.60	8000	8160	13600	31	12	53400	53400	54400	53000	53000	51000



01 175 00 08

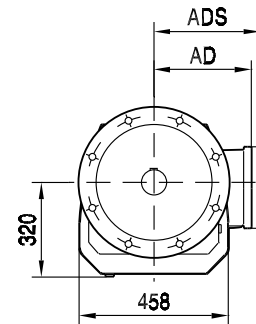
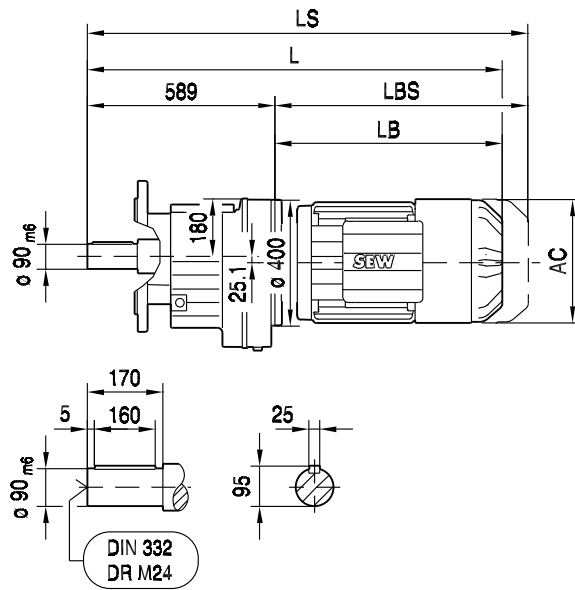
R137..

(→ 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	1070	1120	1124	1193	1253	1326	1376	
LS	1178	1228	1261	1382	1442	1531	1581	
LB	481	531	535	604	664	737	787	
LBS	589	639	672	793	853	942	992	

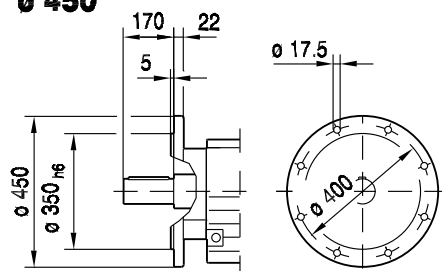


01 176 00 08

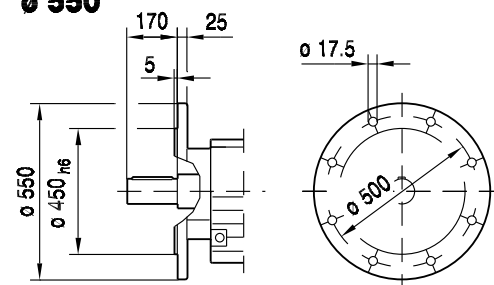
RF137..



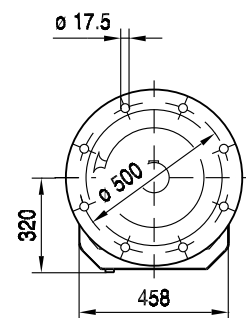
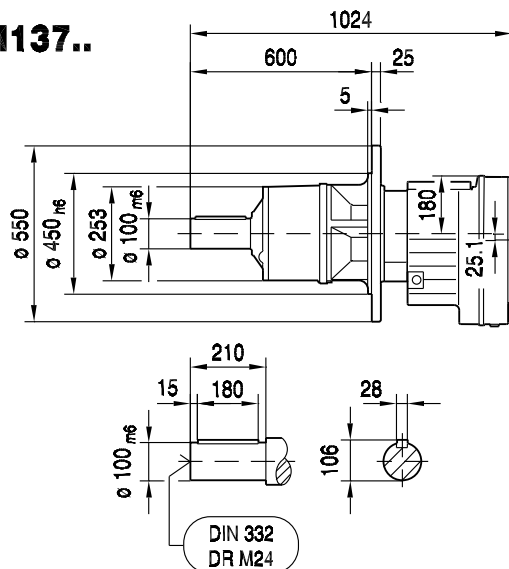
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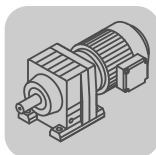
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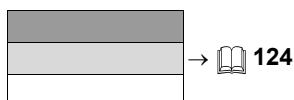
RM137..



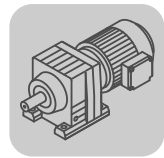
(→ 129)	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC	
AC	221	221	270	316	316	394	394	
AD	170	170	228	253	253	283	283	
ADS	172	172	228	253	253	283	283	
L	1070	1120	1124	1193	1253	1326	1376	
LS	1178	1228	1261	1382	1442	1531	1581	
LB	481	531	535	604	664	737	787	
LBS	589	639	672	793	853	942	992	


8.3.13 R 147

MaDyn	Nm	DRL												
	i	132S D2	132MC D1D2		160M D1D2		160MC D1D2		180S D1D2		180M D1D2		180L D1D2	
R147  2	5.00									1840		2080		2520
	5.89			1140		1590		1820	1190	2170	1420	2450	1820	2970
	7.25	1050	910	1400	1160	1960	1300	2250	1470	2670	1750	3020	2250	3650
	8.26									3040		3440		4160
	9.74			1880		2640		3020	1980	3590	2360	4060	3020	4910
	11.99	1740	1510	2320	1910	3250	2150	3720	2440	4410	2900	5000	3720	6040
	13.91	2020	1750	2690	2220	3770	2490	4310	2830	5120	3370	5800	4310	7010
	15.64	2270	1970	3030	2500	4240	2800	4850	3180	5760	3790	6520	4850	7880
	18.04	2620	2270	3490	2880	4890	3230	5590	3670	6640	4370	7520	5590	9090
	20.44	2970	2570	3960	3270	5550	3660	6340	4160	7530	4950	8520	6340	10300
R147  3	24.19			4640		6500		7430	4870	8820	5800	9980	7430	12000
	29.95	4310	3730	5750	4740	8050	5310	9200	6030	10900	7180	12300	9200	>13000
	35.64	5130	4440	6840	5640	9580	6320	10900	7180	>13000	8550	>13000	10900	>13000
	40.29	5800	5020	7730	6380	10800	7150	12300	8120	>13000	9660	>13000	12300	>13000
	46.65	6710	5820	8950	7380	12500	8280	>13000	9400	>13000	11100	>13000	>13000	>13000
	52.87	7610	6590	10100	8370	>13000	9380	>13000	10600	>13000	12600	>13000	>13000	>13000
	61.09	8790	7620	11700	9670	>13000	10800	>13000	12300	>13000	>13000	>13000	>13000	>13000
	66.99	9640	8360	12800	10600	>13000	11800	>13000	>13000	>13000	>13000	>13000	>13000	>13000
	72.09	10300	8990	>13000	11400	>13000	12800	>13000	>13000	>13000	>13000	>13000	>13000	>13000
	83.47	12000	10400	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000
	94.60	>13000	11800	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000
	109.31	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000
	119.86	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000
	146.91	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000		>13000		>13000	
	163.31	>13000	>13000		>13000		>13000							



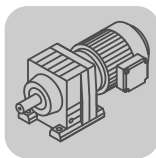
m kg		DRL						
	s	132S	132MC	160M	160MC	180S	180M	180L
R147	 2	405	425	440	445	470	485	500
R147	 3	420	435	450	455	485	500	510
RF: + 8.3 kg / RM: + 175.7 kg								



M _{aDyn} Nm	i	DRL							
		180LC		200L		225S		225MC	
		D1	D2	D1	D2	D1	D2	D1	D2
R147  2	5.00	2030	2910	2300	3290	2520	3730	3730	5330
	5.89	2390	3420	2710	3880	2970	4390	4390	6280
	7.25	2950	4210	3340	4780	3650	5410	5410	7730
	8.26	3360	4800	3800	5440	4160	6160	6160	8810
	9.74	3960	5660	4480	6420	4910	7270	7270	10300
	11.99	4880	6970	5520	7900	6040	8950	8950	12700
	13.91	5660	8090	6400	9170	7010	10300	10300	>13000
	15.64	6370	9100	7200	10300	7880	11600	11600	>13000
	18.04	7340	10400	8310	11800	9090	>13000	>13000	
R147  3	20.44	8320	11800	9410	>13000	10300	>13000	>13000	
	24.19	9750	>13000	11000	>13000	12000	>13000	>13000	>13000
	29.95	12000	>13000	>13000	>13000	>13000	>13000	>13000	>13000
	35.64	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000
	40.29	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000
	46.65	>13000	>13000	>13000	>13000	>13000	>13000	>13000	
	52.87	>13000	>13000	>13000	>13000	>13000	>13000	>13000	
	61.09	>13000		>13000		>13000			
	66.99	>13000		>13000		>13000			
	72.09	>13000	>13000	>13000	>13000	>13000	>13000	>13000	>13000
	83.47	>13000	>13000	>13000	>13000	>13000	>13000	>13000	
	94.60	>13000	>13000	>13000	>13000	>13000	>13000	>13000	
	109.31	>13000		>13000		>13000			
	119.86	>13000		>13000		>13000			
	146.91								
	163.31								

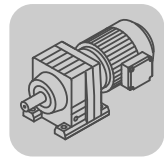
	→  124

m kg		DRL			
	s	180LC	200L	225S	225MC
R147	 2	510	610	640	680
R147	 3	520	620	650	690
RF: + 8.3 kg / RM: + 175.7 kg					



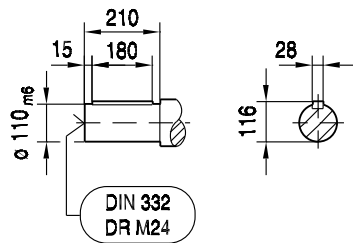
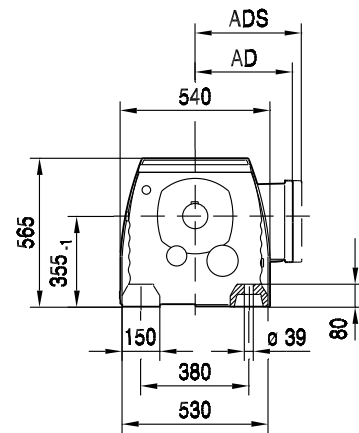
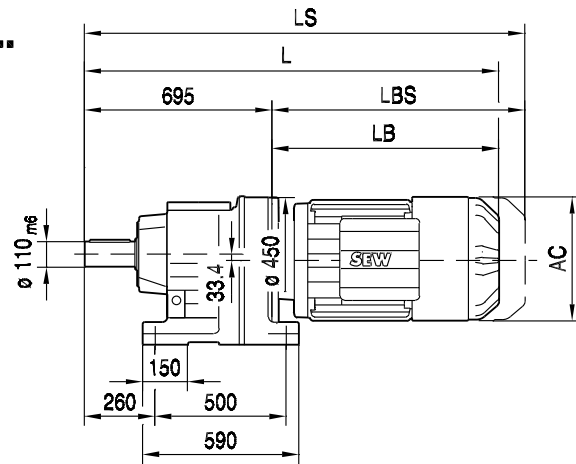
DRL..		n_{epk} 1/min	η %	R Nm/	C_{TG} RF Nm/	RM Nm/	φ /R °
R147 	i						
	5.00	2518	97	665	665	461	8
	5.89	2797	97	665	665	461	8
	7.25	3197	97	665	665	461	8
	8.26	2518	97	873	873	551	6
	9.74	2797	97	873	873	551	6
	11.99	4500	97	873	873	551	5
	13.91	4500	97	873	873	551	5
	15.64	4500	97	873	873	551	5
	18.04	4500	97	873	873	551	5
	20.44	4500	97	873	873	551	5
R147 	24.19	4500	96	913	913	567	6
	29.95	4500	96	913	913	567	6
	35.64	4500	96	913	913	567	6
	40.29	4500	96	913	913	567	6
	46.65	4378	96	913	913	567	6
	52.87	4500	96	913	913	567	6
	61.09	4500	96	913	913	567	6
	66.99	4500	96	913	913	567	6
	72.09	3924	96	917	917	568	6
	83.47	4378	96	917	917	568	6
	94.60	4500	96	917	917	568	6
	109.31	4500	96	917	917	568	5
	119.86	4500	96	917	917	568	5
	146.91	4500	96	917	917	568	5
	163.31	4500	96	917	917	568	5

DRL.. $n_e = 1400$		M_{amax} Nm	M_{apk} Nm	$M_{aNotaus}$ Nm	n_{ak} 1/min	$J_G \cdot 10^{-4}$ kgm ²	R N	F_{Ramax} RF N	RM N	R N	F_{Rapk} RF N	RM N
R147 	i											
	5.00	8670	10500	14739	280	642	49300	49300	38300	67000	67000	73900
	5.89	8670	10500	14739	323	491	53200	53200	41000	67000	67000	73900
	7.25	8670	10500	14739	372	358	58400	58400	44600	67000	67000	73900
	8.26	13000	13000	22100	182	591	49900	49900	42700	62700	62700	64300
	9.74	13000	13000	22100	205	454	54400	54400	45900	62700	62700	64300
	11.99	13000	13000	22100	200	334	60400	60400	50200	62700	62700	64300
	13.91	12600	13000	21420	216	250	63400	63400	53800	62700	62700	64300
	15.64	13000	13000	22100	185	210	62700	62700	56000	62700	62700	64300
	18.04	10500	13000	17850	371	168	67000	67000	62100	62700	62700	64300
	20.44	12000	13000	20400	230	140	64600	64600	63600	62700	62700	64300
R147 	24.19	11900	13000	20230	62	291	64700	64700	68100	62700	62700	64300
	29.95	13000	13000	22100	50	214	62700	62700	64300	62700	62700	64300
	35.64	13000	13000	22100	51	166	62700	62700	64300	62700	62700	64300
	40.29	13000	13000	22100	52	136	62700	62700	64300	62700	62700	64300
	46.65	13000	13000	22100	54	110	62700	62700	64300	62700	62700	64300
	52.87	13000	13000	22100	55	91	62700	62700	64300	62700	62700	64300
	61.09	13000	13000	22100	57	75	62700	62700	64300	62700	62700	64300
	66.99	13000	13000	22100	58	66	62700	62700	64300	62700	62700	64300
	72.09	13000	13000	22100	40	118	62700	62700	64300	62700	62700	64300
	83.47	13000	13000	22100	41	97	62700	62700	64300	62700	62700	64300
	94.60	13000	13000	22100	41	81	62700	62700	64300	62700	62700	64300
	109.31	13000	13000	22100	41	68	62700	62700	64300	62700	62700	64300
	119.86	13000	13000	22100	42	60	62700	62700	64300	62700	62700	64300
	146.91	13000	13000	22100	42	38	62700	62700	64300	62700	62700	64300
	163.31	13000	13000	22100	42	34	62700	62700	64300	62700	62700	64300

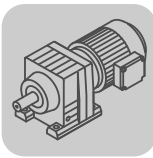


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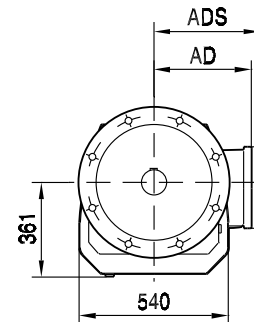
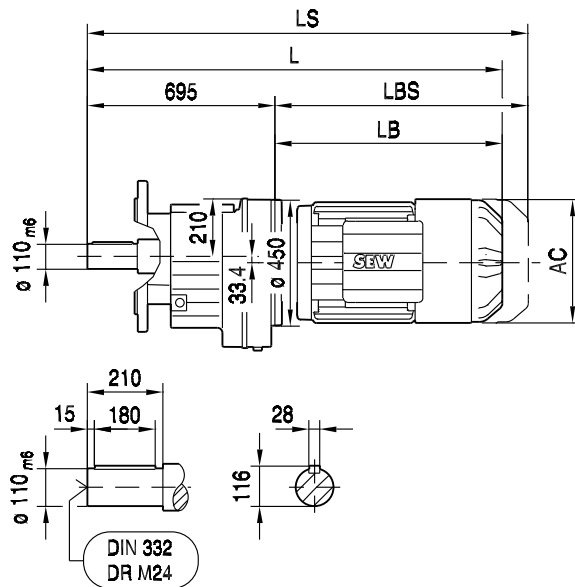
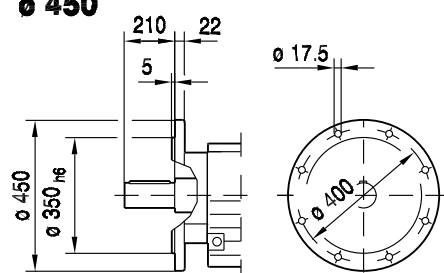
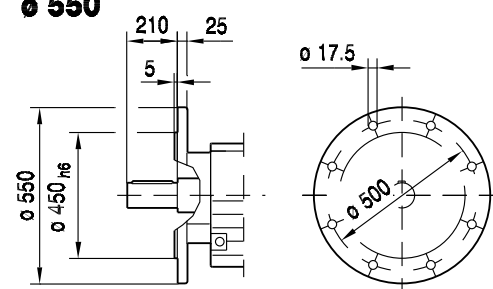
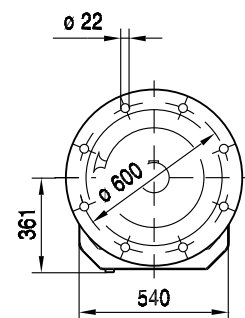
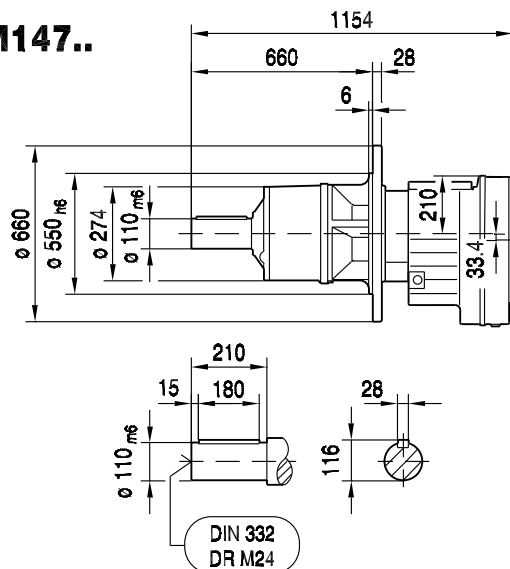
R147..



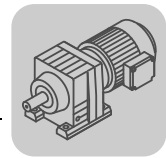
(→ 129)	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC	
AC	221	221	270	316	316	394	394	
AD	170	170	228	253	253	283	283	
ADS	172	172	228	253	253	283	283	
L	1168	1218	1222	1291	1351	1424	1474	
LS	1276	1326	1359	1480	1540	1629	1679	
LB	473	523	527	596	656	729	779	
LBS	581	631	664	785	845	934	984	



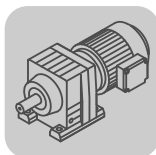
01 178 00 08

RF147..**ø 450****ø 550****RM147..**

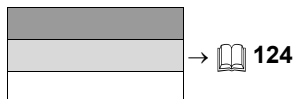
(→ 129)	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC	
AC	221	221	270	316	316	394	394	
AD	170	170	228	253	253	283	283	
ADS	172	172	228	253	253	283	283	
L	1168	1218	1222	1291	1351	1424	1474	
LS	1276	1326	1359	1480	1540	1629	1679	
LB	473	523	527	596	656	729	779	
LBS	581	631	664	785	845	934	984	



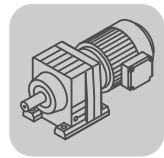
Seite bleibt aus drucktechnischen Gründen frei.


8.3.14 R 167

M_{aDyn}	Nm	DRL									
		160M		160MC		180S		180M		180L	
	i	D1	D2	D1	D2	D1	D2	D1	D2	D1	D2
R167  2	10.24						3770		4270		5160
	11.99		3250		3720	2440	4410	2900	5000	3720	6040
	14.48	2310	3930	2590	4490	2940	5330	3510	6030	4490	7300
	16.98	2710	4610	3040	5270	3450	6250	4110	7080	5270	8560
	19.03	3040	5160	3410	5900	3870	7010	4610	7930	5900	9590
	21.85	3490	5930	3920	6780	4450	8050	5290	9110	6780	11000
	24.57	3930	6670	4400	7620	5000	9050	5950	10200	7620	12300
	30.71	4910	8340	5510	9530	6250	11300	7440	12800	9530	>15000
	37.74	6040	10200	6770	11700	7680		9150		11700	
	46.00	7360		8250							
R167  3	23.71						8640		9780		11800
	27.96		7510		8580	5630	10100	6710	11500	8580	13900
	34.41	5450	9240	6110	10500	6930	12500	8250	14200	10500	17100
	39.92	6320	10700	7080	12200	8040	14500	9580	16400	12200	19900
	44.87	7100	12000	7960	13700	9040	16300	10700	18500	13700	>21800
	51.76	8190	13900	9190	15900	10400	18800	12400	21300	15900	>21800
	58.65	9290	15700	10400	18000	11800	21300	14000	>21800	18000	>21800
	67.40	10600	18100	11900	20700	13500	>21800	16100	>21800	20700	>21800
	73.70	11600	19800	13000	>21800	14800	>21800	17600	>21800	>21800	>21800
	82.91	13100	>21800	14700	>21800	16700	>21800	19800	>21800	>21800	>21800
	93.19	14700	>21800	16500	>21800	18700	>21800	>21800	>21800	>21800	>21800
	107.49	17000	>21800	19000	>21800	21600	>21800	>21800	>21800	>21800	>21800
	121.81	19200	>21800	21600	>21800	>21800	>21800	>21800	>21800	>21800	>21800
	139.98	>21800	>21800	>21800	>21800	>21800	>21800	>21800	>21800	>21800	>21800
	153.07	>21800	>21800	>21800	>21800	>21800	>21800	>21800	>21800	>21800	>21800
	186.93	>21800	>21800	>21800	>21800	>21800		>21800		>21800	
	229.71	>21800		>21800							



m kg		DRL				
	s	160M	160MC	180S	180M	180L
R167	 2	690	700	720	740	750
R167	 3	700	700	730	750	760
RF: + 6.4 kg / RM: + 201.8 kg						

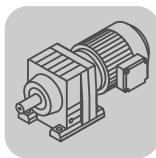


M _{aDyn} Nm	i	DRL							
		180LC		200L		225S		225MC	
		D1	D2	D1	D2	D1	D2	D1	D2
R167  2	10.24	4170	5950	4710	6750	5160	7640	7640	10900
	11.99	4880	6970	5520	7900	6040	8950	8950	12700
	14.48	5890	8420	6670	9550	7300	10800	10800	15400
	16.98	6910	9880	7820	11200	8560	12600	12600	18100
	19.03	7750	11000	8760	12500	9590	14200	14200	20300
	21.85	8900	12700	10000	14400	11000	16300	16300	
	24.57	10000	14200	11300	16200	12300	18300	18300	
	30.71	12500		14100		>15000			
	37.74								
	46.00								
R167  3	23.71	9550	13600	10800	15400	11800	17500	17500	>21800
	27.96	11200	16100	12700	18200	13900	20600	20600	>21800
	34.41	13800	19800	15600	>21800	17100	>21800	>21800	>21800
	39.92	16000	>21800	18200	>21800	19900	>21800	>21800	>21800
	44.87	18000	>21800	20400	>21800	>21800	>21800	>21800	>21800
	51.76	20800	>21800	>21800	>21800	>21800	>21800	>21800	
	58.65	>21800	>21800	>21800	>21800	>21800	>21800	>21800	
	67.40	>21800		>21800		>21800			
	73.70	>21800		>21800		>21800			
	82.91	>21800	>21800	>21800	>21800	>21800	>21800	>21800	>21800
	93.19	>21800	>21800	>21800	>21800	>21800	>21800	>21800	>21800
	107.49	>21800	>21800	>21800	>21800	>21800	>21800	>21800	
	121.81	>21800	>21800	>21800	>21800	>21800	>21800	>21800	
	139.98	>21800		>21800		>21800			
	153.07	>21800		>21800		>21800			
	186.93								
	229.71								

→ 124

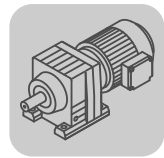
m kg		DRL			
	s	180LC	200L	225S	225MC
R167	 2	760	860	890	930
R167	 3	770	870	900	940

RF: + 6.4 kg / RM: + 201.8 kg



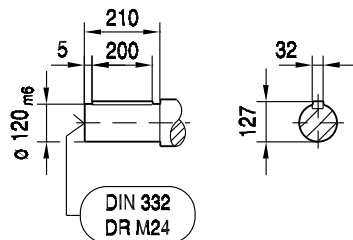
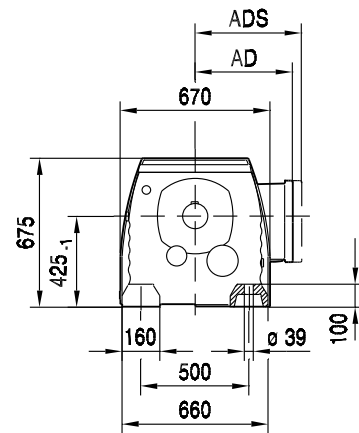
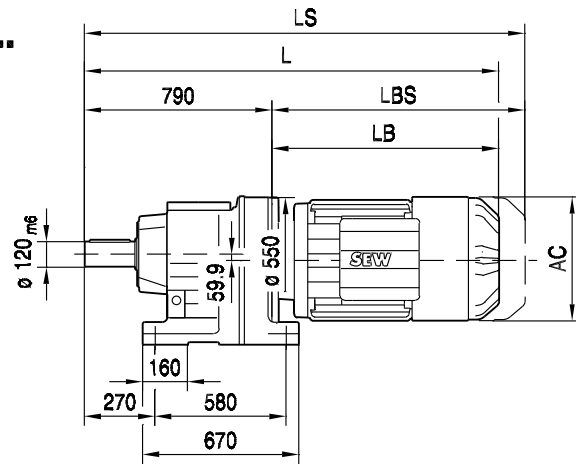
DRL..		n_{epk} 1/min	η %	R Nm/	C_{TG} RF Nm/	RM Nm/	φ /R °
R167 	i						
	10.24	2518	97	1293	1293	865	5
	11.99	4500	97	1293	1293	865	5
	14.48	4500	97	1293	1293	865	5
	16.98	4500	97	1293	1293	865	5
	19.03	4500	97	1293	1293	865	5
	21.85	4500	97	1293	1293	865	5
	24.57	4500	97	1293	1293	865	5
	30.71	4500	97	1293	1293	865	5
	37.74	4500	97	1293	1293	865	5
	46.00	4500	97	1293	1293	865	5
R167 	23.71	4500	96	1387	1387	906	6
	27.96	4500	96	1387	1387	906	6
	34.41	4500	96	1387	1387	906	6
	39.92	4500	96	1387	1387	906	6
	44.87	4500	96	1387	1387	906	6
	51.76	4378	96	1387	1387	906	6
	58.65	4500	96	1387	1387	906	6
	67.40	4500	96	1387	1387	906	6
	73.70	4500	96	1387	1387	906	6
	82.91	3597	96	1400	1400	912	5
	93.19	3924	96	1400	1400	912	5
	107.49	4378	96	1400	1400	912	5
	121.81	4500	96	1400	1400	912	5
	139.98	4500	96	1400	1400	912	5
	153.07	4500	96	1400	1400	912	5
	186.93	4500	95	1400	1400	912	5
	229.71	4500	95	1400	1400	912	5

DRL.. $n_e = 1400$		M_{amax} Nm	M_{apk} Nm	$M_{aNotaus}$ Nm	n_{ak} 1/min	$J_G \cdot 10^{-4}$ kgm ²	R N	F_{Ramax} RF N	RM N	R N	F_{Rapk} RF N	RM N
R167 	i											
	10.24	17000	21800	28900	176	751	82500	82500	53500	120000	120000	31100
	11.99	17000	21800	28900	167	583	88700	88700	57300	120000	120000	31100
	14.48	18000	21800	30600	131	431	93800	93800	61100	120000	120000	31100
	16.98	15000	21800	25500	230	329	108900	108900	68300	120000	120000	31100
	19.03	16000	21800	27200	179	276	111400	111400	70600	120000	120000	31100
	21.85	13000	19500	22100	320	222	120000	120000	77600	120000	120000	70200
	24.57	14000	19800	23800	265	183	120000	120000	80200	120000	120000	69700
	30.71	10000	15000	17000	228	130	120000	120000	91300	120000	120000	76800
	37.74	9000	12700	15300	185	86	120000	120000	96600	120000	120000	79300
	46.00	7000	10500	11900	152	62	120000	120000	97700	120000	120000	81300
R167 	23.71	18000	21800	30600	67	576	116500	116500	75200	120000	120000	31100
	27.96	18000	21800	30600	72	416	120000	120000	80400	120000	120000	31100
	34.41	18000	21800	30600	81	315	120000	120000	87400	120000	120000	31100
	39.92	18000	21800	30600	85	245	120000	120000	88500	120000	120000	31100
	44.87	18000	21800	30600	89	206	120000	120000	88500	120000	120000	31100
	51.76	18000	21800	30600	93	165	120000	120000	88500	120000	120000	31100
	58.65	18000	21800	30600	95	137	120000	120000	88500	120000	120000	31100
	67.40	18000	21800	30600	98	113	120000	120000	88500	120000	120000	31100
	73.70	18000	21800	30600	95	98	120000	120000	88500	120000	120000	31100
	82.91	18000	21800	30600	80	202	120000	120000	88500	120000	120000	31100
	93.19	18000	21800	30600	75	173	120000	120000	88500	120000	120000	31100
	107.49	18000	21800	30600	65	142	120000	120000	88500	120000	120000	31100
	121.81	18000	21800	30600	57	120	120000	120000	88500	120000	120000	31100
	139.98	18000	21800	30600	50	99	120000	120000	88500	120000	120000	31100
	153.07	18000	21800	30600	46	87	120000	120000	88500	120000	120000	31100
	186.93	18000	21800	30600	37	57	120000	120000	88500	120000	120000	31100
	229.71	18000	21800	30600	30	42	120000	120000	88500	120000	120000	31100

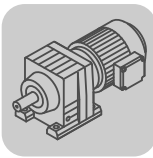


01 179 00 08

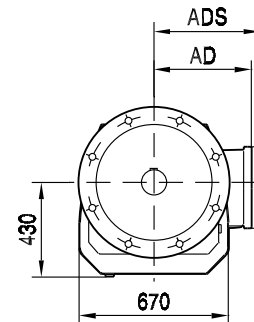
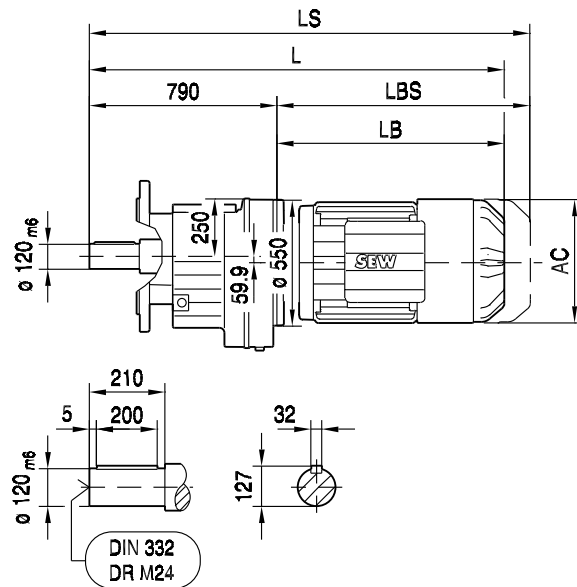
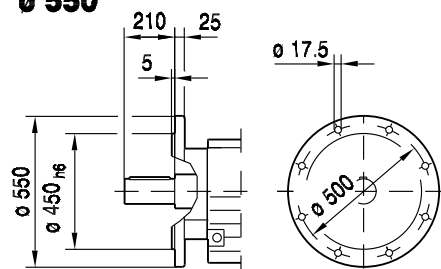
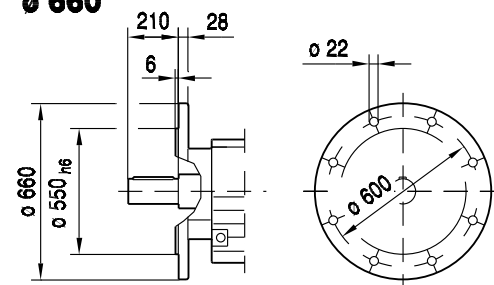
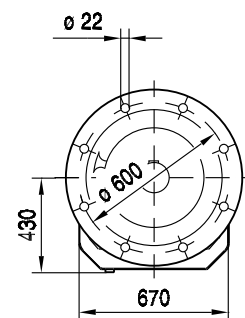
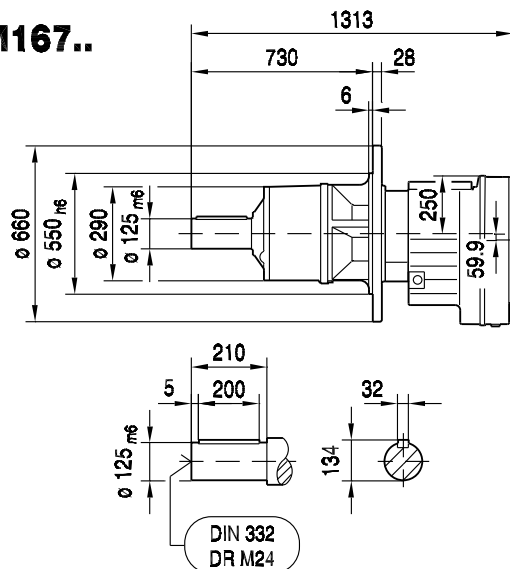
R167..



(→ 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	1309	1378	1438	1511	1561			
LS	1446	1567	1627	1716	1766			
LB	519	588	648	721	771			
LBS	656	777	837	926	976			



01 180 00 08

RF167.. **$\phi 550$**  **$\phi 660$** **RM167..**

(→ 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	1309	1378	1438	1511	1561			
LS	1446	1567	1627	1716	1766			
LB	519	588	648	721	771			
LBS	656	777	837	926	976			