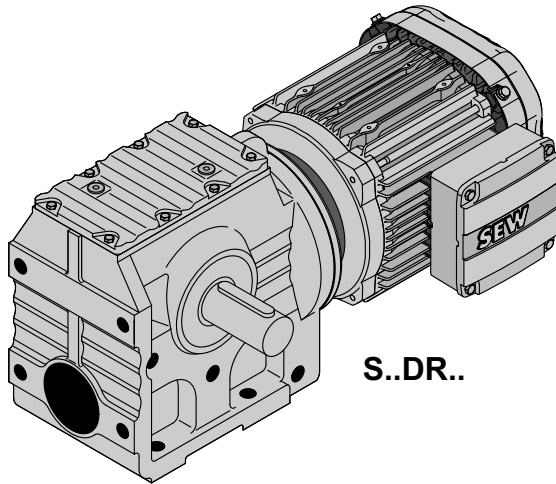
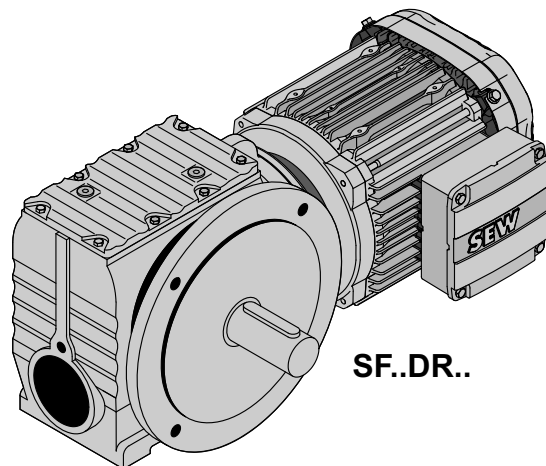
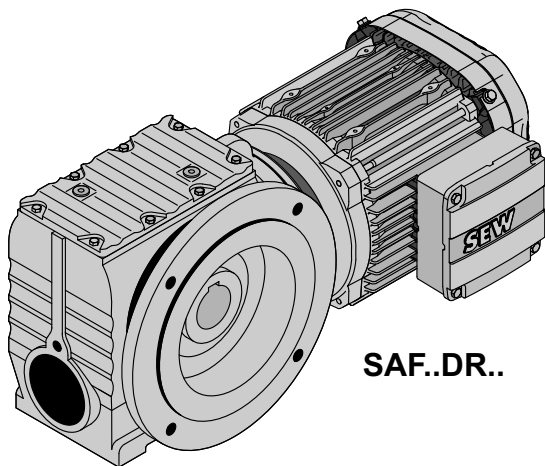
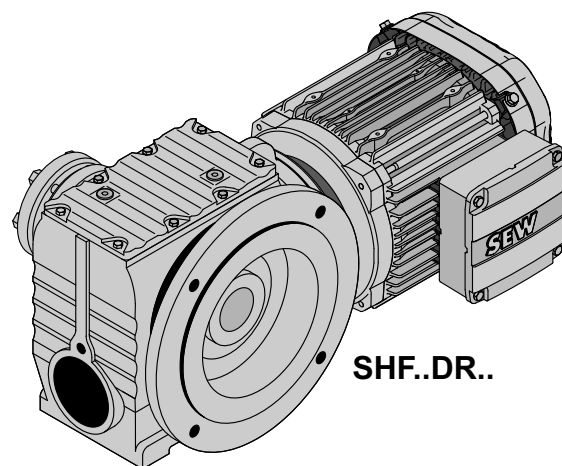
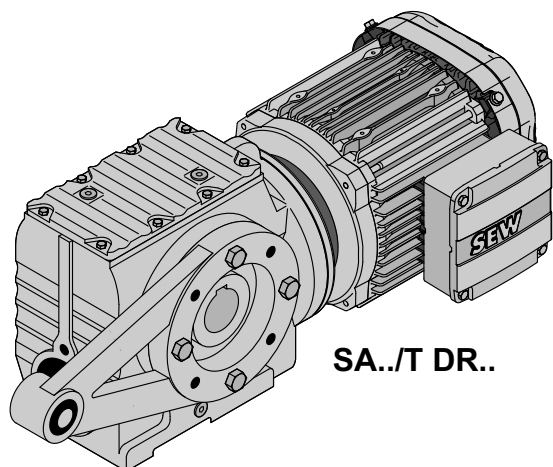
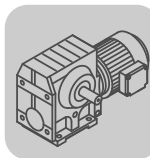
**S..DRL**

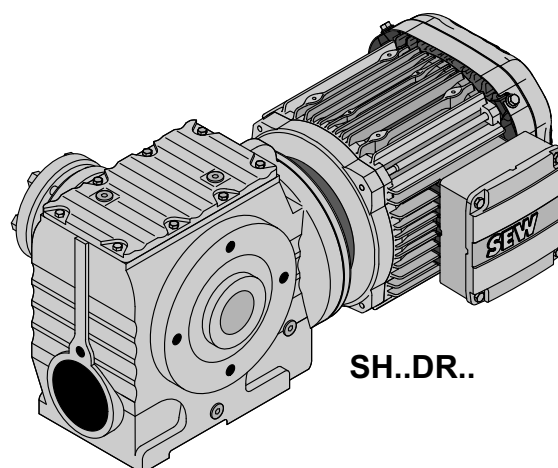
S, SF, SAF, SHF, SA../T, SH, SAZ, SHZ..DRL

11 S..DRL**11.1 S, SF, SAF, SHF, SA../T, SH, SAZ, SHZ..DRL****S..DR..****SF..DR..****SAF..DR..****SHF..DR..**

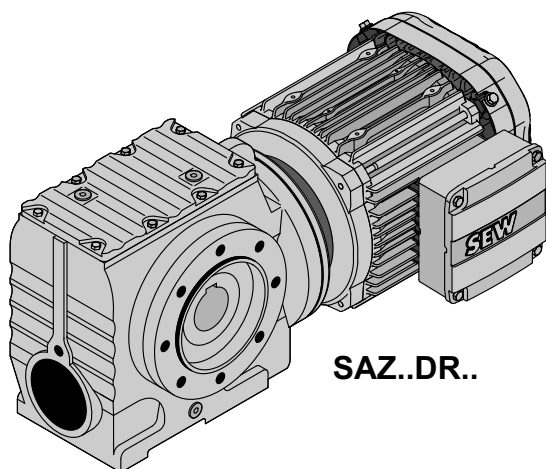
60406axx



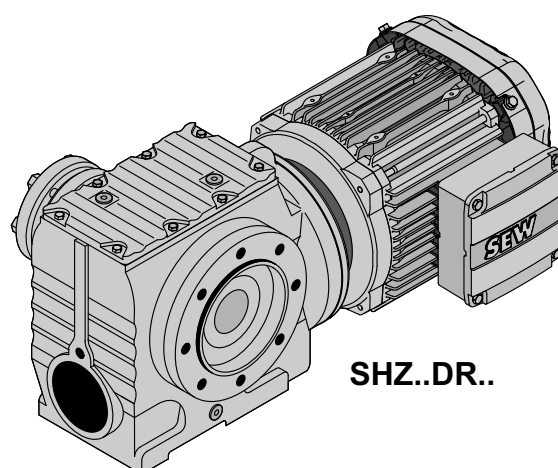
SA../T DR../



SH../DR../

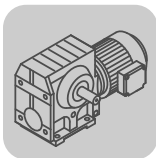


SAZ../DR../



SHZ../DR../

60412axx



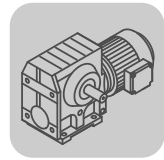
11.2 S..Nm

11.2.1 S 37

M _{aDyn}	Nm i	DRL						
		71S		71M		80S		80M
		D1	D2	D1	D2	D1	D2	D1
S37 2	3.97	17	30	24	>48	35	>48	45
	4.86	21	36	30	>49	43	>49	>49
	5.38	24	40	33	>51	47	>51	>51
	6.33	28	47	39	>52	>52	>52	>52
	6.80	30	50	41	>60	59	>60	>60
	8.00	34	58	48	>61	>61	>61	>61
	9.02	39	>62	54	>62	>62	>62	>62
	10.23	44	>63	62	>63	>63	>63	>63
	10.91	47	>64	>64	>64	>64	>64	>64
	12.48	53	>64	>64	>64	>64	>64	>64
	13.39	57	>65	>65	>65	>65	>65	>65
	15.53	65	>66	>66		>66		>66
	18.24	>67		>67				
	19.13	75	>93	>93	>93	>93	>93	>93
	19.89	>68		>68				
	22.50	87	>95	>95	>95	>95	>95	>95
	25.38	>96	>96	>96	>96	>96	>96	>96
	28.76	>97	>97	>97	>97	>97	>97	>97
	30.68	>98	>98	>98	>98	>98	>98	>98
	35.10	>99	>99	>99	>99	>99	>99	>99
	37.66	>100	>100	>100	>100	>100	>100	>100
	43.68	>101	>101	>101		>101		>101
	51.30	>103		>103				
	55.93	>104		>104				

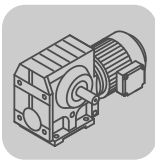
→ 124

m kg		DRL			
	s	71S	71M	80S	80M
S37	2	14	15	17	20
SF: + 1.3 kg / SA: + -0.3 kg / SAF: + 1.3 kg					



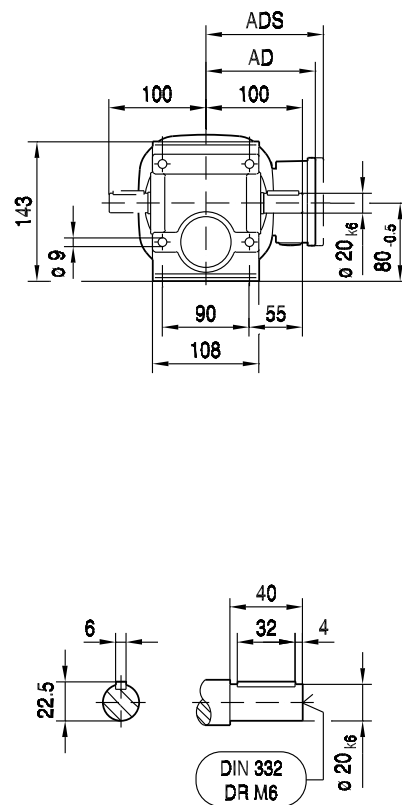
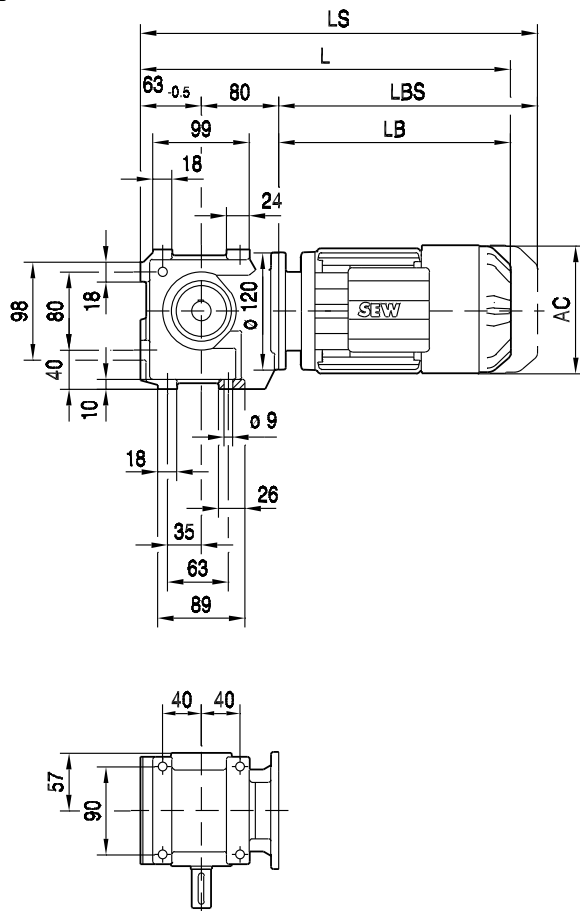
DRL..		n_{epk} 1/min	η %	S Nm/'	SF Nm/'	c_{TG} SA Nm/'	SAF Nm/'
S37  2	i	3.97	4500	88	-	-	-
	4.86	4500	88	-	-	-	-
	5.38	4500	88	-	-	-	-
	6.33	4500	87	-	-	-	-
	6.80	4500	87	-	-	-	-
	8.00	4500	86	-	-	-	-
	9.02	4500	86	-	-	-	-
	10.23	4500	86	-	-	-	-
	10.91	4500	86	-	-	-	-
	12.48	4500	85	-	-	-	-
	13.39	4500	85	-	-	-	-
	15.53	4500	84	-	-	-	-
	18.24	4500	84	-	-	-	-
	19.13	4500	78	-	-	-	-
	19.89	4500	84	-	-	-	-
	22.50	4500	77	-	-	-	-
	25.38	4500	76	-	-	-	-
	28.76	4500	76	-	-	-	-
	30.68	4500	76	-	-	-	-
	35.10	4500	75	-	-	-	-
	37.66	4500	75	-	-	-	-
	43.68	4500	74	-	-	-	-
	51.30	4500	73	-	-	-	-
	55.93	4500	73	-	-	-	-

DRL..							F _{Ramax}				F _{Rapk}			
n _e = 1400		M _{amax} Nm	M _{apk} Nm	M _{aNotaus} Nm	n _{ak} 1/min	J _G 10 ⁻⁴ kgm ²	S N	SF N	SA N	SAF N	S N	SF N	SA N	SAF N
S37  2	3.97	32	48	72	277	0.92	1400	1570	2010	2010	3000	3000	4000	4000
	4.86	33	49	74	226	0.67	1520	1700	2180	2180	3000	3000	4000	4000
	5.38	34	51	76	204	0.59	1570	1760	2260	2260	3000	3000	4000	4000
	6.33	35	52	78	174	0.44	1670	1870	2400	2400	3000	3000	4000	4000
	6.80	43	60	90	29	0.47	1630	1840	2360	2360	3000	3000	4000	4000
	8.00	45	61	77	25	0.36	1730	1950	2500	2500	3000	3000	4000	4000
	9.02	46	62	78	22	0.30	1810	2040	2610	2610	3000	3000	4000	4000
	10.23	47	63	80	20	0.24	1900	2140	2740	2740	3000	3000	4000	4000
	10.91	48	64	82	18	0.22	1940	2190	2800	2800	3000	3000	4000	4000
	12.48	48	64	82	16	0.18	2060	2320	2970	2970	3000	3000	4000	4000
	13.39	49	65	83	15	0.16	2110	2370	3040	3040	3000	3000	4000	4000
	15.53	50	66	85	13	0.13	2240	2510	3220	3220	3000	3000	4000	4000
	18.24	52	67	88	11	0.10	2380	2660	3410	3410	3000	3000	4000	4000
	19.13	71	93	121	10	0.43	2380	2670	3420	3420	3000	3000	4000	4000
	19.89	52	68	88	10	0.090	2470	2760	3540	3540	3000	3000	4000	4000
	22.50	73	95	124	9	0.32	2530	2840	3630	3630	3000	3000	4000	4000
	25.38	74	96	126	8	0.27	2660	2980	3810	3810	3000	3000	4000	4000
	28.76	75	97	128	7	0.22	2800	3000	4000	4000	3000	3000	4000	4000
	30.68	76	98	129	16	0.20	2860	3000	4000	4000	3000	3000	4000	4000
	35.10	78	99	133	14	0.16	3000	3000	4000	4000	3000	3000	4000	4000
	37.66	79	100	134	13	0.15	3000	3000	4000	4000	3000	3000	4000	4000
	43.68	81	101	138	16	0.12	3000	3000	4000	4000	3000	3000	4000	4000
	51.30	81	103	138	14	0.090	3000	3000	4000	4000	3000	3000	4000	4000
	55.93	81	104	138	13	0.080	3000	3000	4000	4000	3000	3000	4000	4000

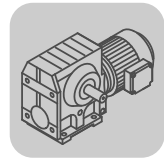


02 098 00 08

S37..

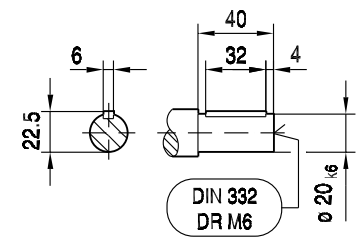
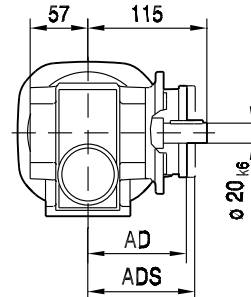
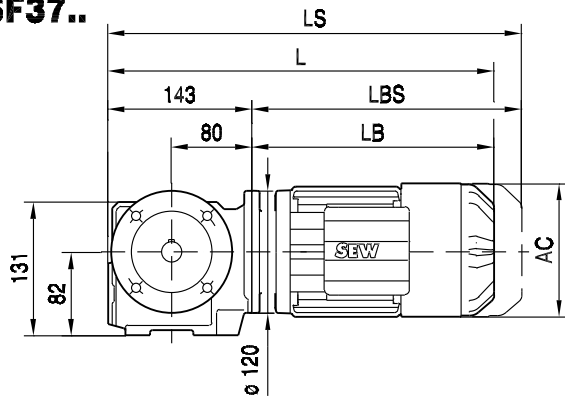


(→  129)	DRL71S	DRL71M	DRL80S	DRL80M				
AC	139	139	156	156				
AD	119	119	128	128				
ADS	129	129	139	139				
L	431	456	475	506				
LS	495	520	555	586				
LB	288	313	332	363				
LBS	352	377	412	443				

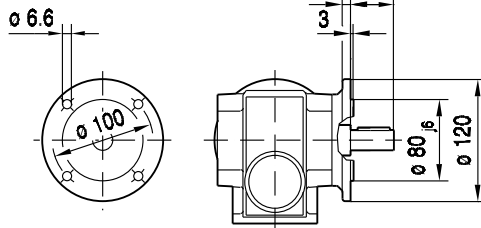


02 099 00 08

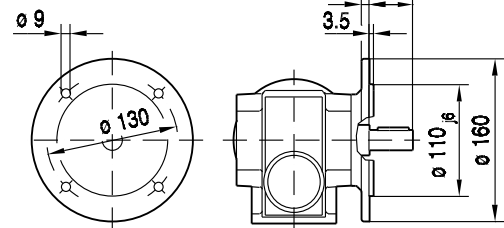
SF37..



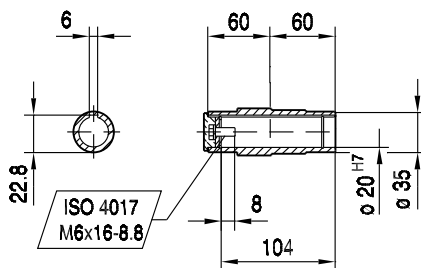
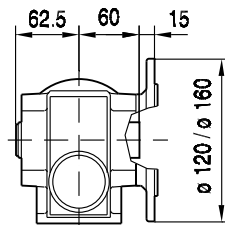
ø 120



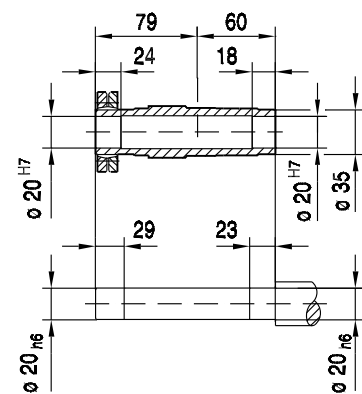
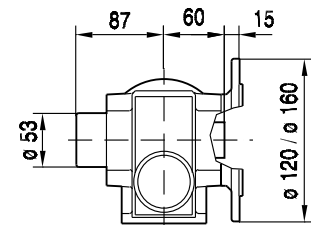
ø 160



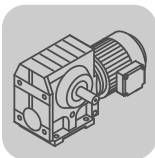
SAF37..



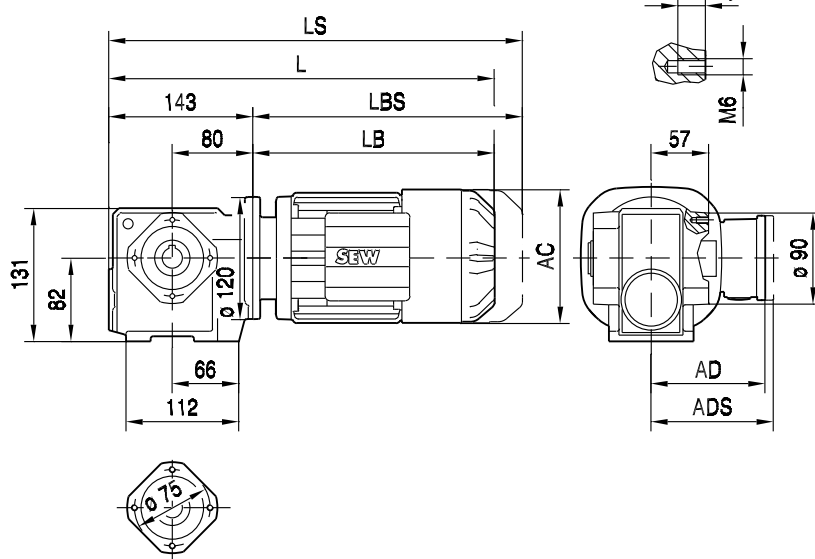
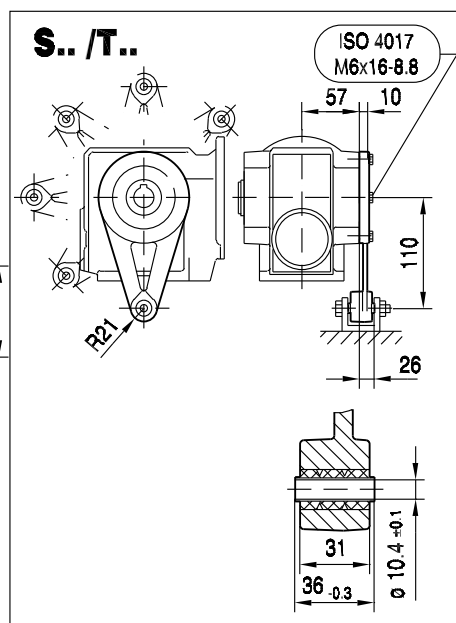
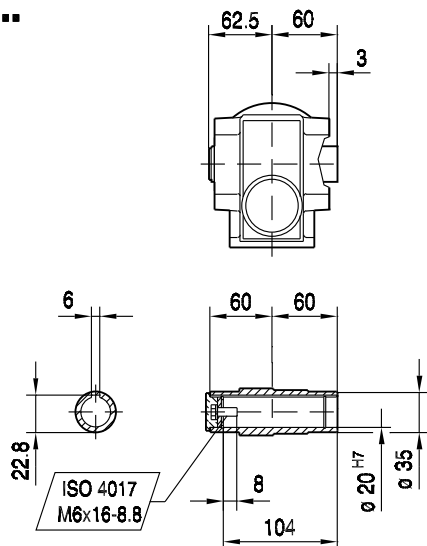
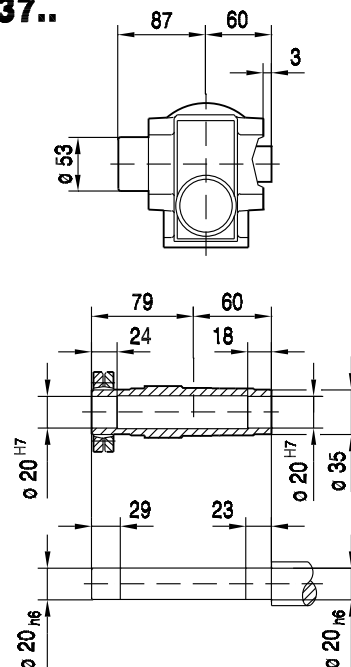
SHF37..



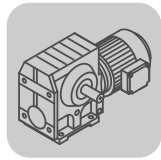
(→ 129)	DRL71S	DRL71M	DRL80S	DRL80M				
AC	139	139	156	156				
AD	119	119	128	128				
ADS	129	129	139	139				
L	431	456	475	506				
LS	495	520	555	586				
LB	288	313	332	363				
LBS	352	377	412	443				



02 100 00 08

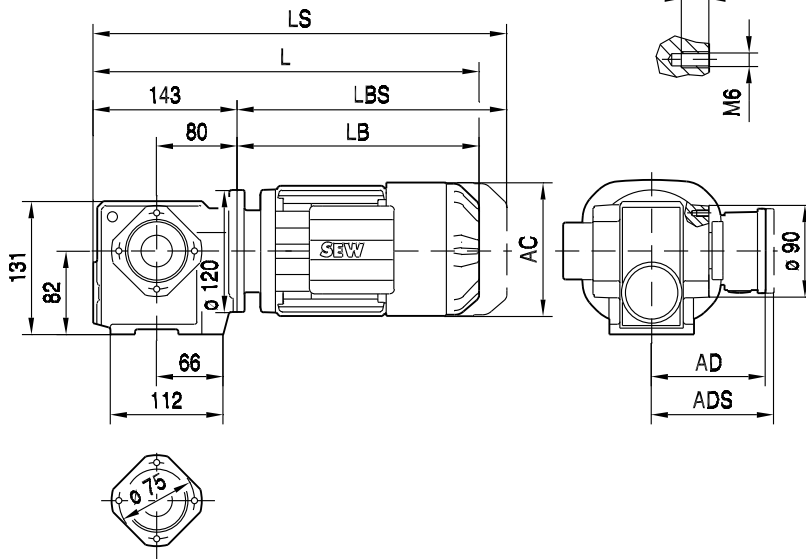
SA37..**S../T..****SA37..****SH37..**

(→ 129)	DRL71S	DRL71M	DRL80S	DRL80M				
AC	139	139	156	156				
AD	119	119	128	128				
ADS	129	129	139	139				
L	431	456	475	506				
LS	495	520	555	586				
LB	288	313	332	363				
LBS	352	377	412	443				

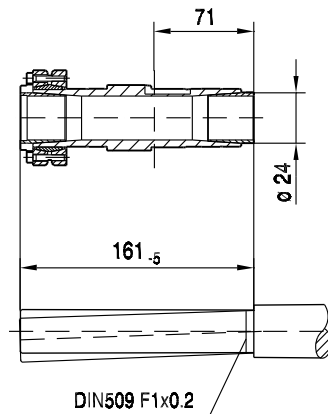
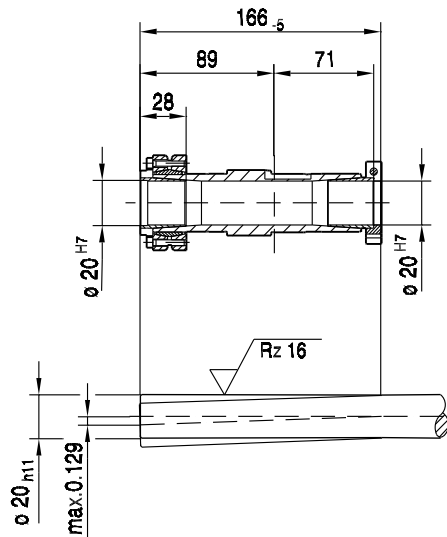
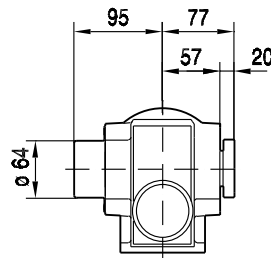
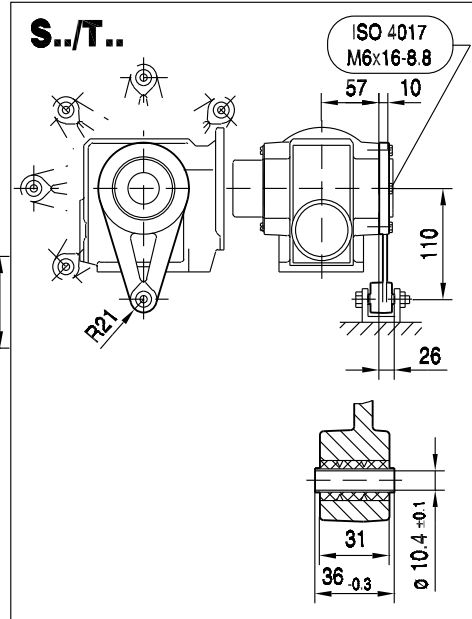


02 101 00 08

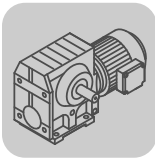
ST37..



S../T..



(→ 129)	DRL71S	DRL71M	DRL80S	DRL80M				
AC	139	139	156	156				
AD	119	119	128	128				
ADS	129	129	139	139				
L	431	456	475	506				
LS	495	520	555	586				
LB	288	313	332	363				
LBS	352	377	412	443				

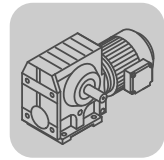


11.2.2 S 47

M _{aDyn} Nm	i	DRL									
		71S		71M		80S		80M	90L	100L	
		D1	D2	D1	D2	D1	D2	D1	D1	D1	
S47  2	4.00	18	31	25	50	36	>72	47	>72	>72	
	4.76	21	36	30	60	43	>87	56	>87	>87	
	5.39	24	41	34	67	48	>97	62	>97	>97	
	6.40	28	48	40	80	57	>114	74	>114	>114	
	6.83	30	52	43	85	61	>117	79	>117	>117	
	7.28	32	54	44	89	63	>129	82	>129	>129	
	8.64	38	64	53	105	75	>146	98	>146	>146	
	9.23	40	68	56	112	80	>146	104	>146	>146	
	10.80	47	80	66	132	94	>145	122	>145	>145	
	12.10	53	89	74	>145	105	>145	137	>145	>145	
	14.24	61	104	86	>144	122	>144	>144	>144	>144	
	16.47	71	120	99	>144	142	>144	>144			
	17.62	76	129	106	>144	>144	>144	>144			
	19.54		131		>184	154	>184	>184	>184	>184	
	20.33	86	>143	121		>143		>143			
	23.20	92	156	128	>200	183	>200	>200	>200	>200	
	24.77	98	166	137	>205	196	>205	>205	>205	>205	
	29.00	113	192	158	>215	>215	>215	>215	>215	>215	
	32.48	125	210	175	>215	>215	>215	>215	>215	>215	
	38.23	147	>215	205	>215	>215	>215	>215	>215	>215	
	44.22	168	>210	>210	>210	>210	>210	>210			
	47.32	177	>210	>210	>210	>210	>210	>210			
	54.59	200	>210	>210		>210		>210			
	63.80	>210		>210							
	69.39	>210		>210							

→  124

m kg		DRL						
	s	71S	71M	80S	80M	90L	100L	
S47	 2	17	18	20	23	31	38	
SF: + 3.6 kg / SA: + 1.1 kg / SAF: + 2.8 kg								

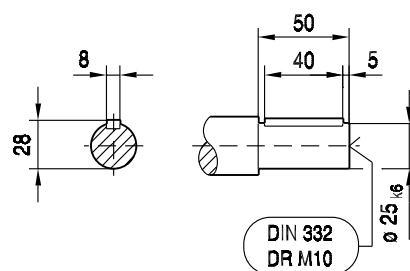
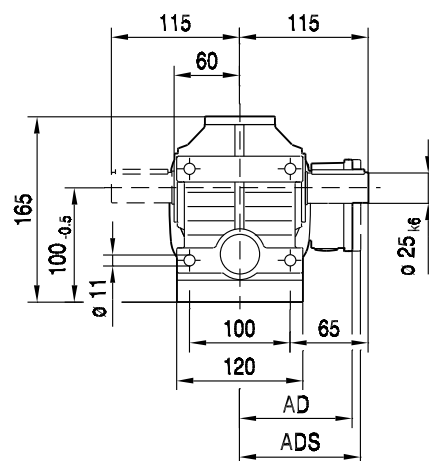


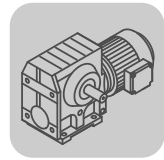
DRL..		n_{epk} 1/min	η %	S Nm/'	SF Nm/'	c_{TG} SA Nm/'	SAF Nm/'
S47  2	i	4.00	4500	90	-	-	-
	4.76	4500	90	-	-	-	-
	5.39	4500	89	-	-	-	-
	6.40	4500	89	-	-	-	-
	6.83	4500	89	-	-	-	-
	7.28	4500	87	-	-	-	-
	8.64	4500	87	-	-	-	-
	9.23	4500	87	-	-	-	-
	10.80	4500	87	-	-	-	-
	12.10	4500	87	-	-	-	-
	14.24	4500	86	-	-	-	-
	16.47	4500	86	-	-	-	-
	17.62	4500	86	-	-	-	-
	19.54	4500	79	-	-	-	-
	20.33	4500	85	-	-	-	-
	23.20	4500	79	-	-	-	-
	24.77	4500	79	-	-	-	-
	29.00	4500	78	-	-	-	-
	32.48	4500	77	-	-	-	-
	38.23	4500	77	-	-	-	-
	44.22	4500	76	-	-	-	-
	47.32	4500	75	-	-	-	-
	54.59	4500	75	-	-	-	-
	63.80	4500	74	-	-	-	-
	69.39	4500	73	-	-	-	-

DRL..							F _{Ramax}				F _{Rapk}			
n _e = 1400		M _{amax} Nm	M _{apk} Nm	M _{aNotaus} Nm	n _{ak} 1/min	J _G 10 ⁻⁴ kgm ²	S N	SF N	SA N	SAF N	S N	SF N	SA N	SAF N
S47  2	4.00	61	72	108	225	2.5	1980	2420	2740	2740	5660	6140	7000	7000
	4.76	72	87	130	231	1.8	2010	2490	2780	2780	5580	6070	7000	7000
	5.39	74	97	146	204	1.5	2110	2600	2920	2920	5530	6030	7000	7000
	6.40	76	114	171	172	1.1	2260	2780	3120	3120	5440	5940	7000	7000
	6.83	78	117	176	161	1.0	2300	2840	3190	3190	5420	5930	7000	7000
	7.28	103	129	175	27	1.1	2110	2690	2940	2940	5360	5870	7000	7000
	8.64	109	146	185	23	0.83	2230	2840	3110	3110	5260	5780	7000	7000
	9.23	109	146	185	22	0.74	2310	2930	3210	3210	5260	5780	7000	7000
	10.80	109	145	185	19	0.57	2500	3150	3480	3480	5270	5790	7000	7000
	12.10	109	145	185	17	0.47	2650	3310	3670	3670	5270	5790	7000	7000
	14.24	110	144	187	14	0.35	2850	3540	3950	3950	5270	5790	7000	7000
	16.47	110	144	187	12	0.28	3060	3770	4230	4230	5270	5790	7000	7000
	17.62	110	144	187	11	0.26	3160	3880	4360	4360	5270	5790	7000	7000
	19.54	144	184	245	10	0.94	3370	4120	4660	4660	5200	5710	7000	7000
	20.33	110	143	187	10	0.20	3370	4130	4650	4650	5280	5800	7000	7000
	23.20	152	200	258	9	0.72	3570	4360	4940	4940	5110	5620	7000	7000
	24.77	155	205	264	8	0.65	3650	4460	5050	5050	5080	5590	7000	7000
	29.00	155	215	264	7	0.49	3920	4760	5420	5420	5020	5530	7000	7000
	32.48	155	215	264	6	0.41	4120	4990	5690	5690	5020	5530	7000	7000
	38.23	155	215	264	5	0.31	4420	5330	6100	6100	5020	5530	7000	7000
	44.22	155	210	264	5	0.25	4710	5660	6490	6490	5050	5560	7000	7000
	47.32	155	210	264	4	0.23	4850	5810	6680	6680	5050	5560	7000	7000
	54.59	155	210	264	9	0.18	5150	5870	7000	7000	5050	5560	7000	7000
	63.80	155	210	264	8	0.15	5370	5870	7000	7000	5050	5560	7000	7000
	69.39	155	210	264	7	0.13	5370	5870	7000	7000	5050	5560	7000	7000

Technical drawing of a SEW motor showing dimensions in mm. The drawing includes the following dimensions:

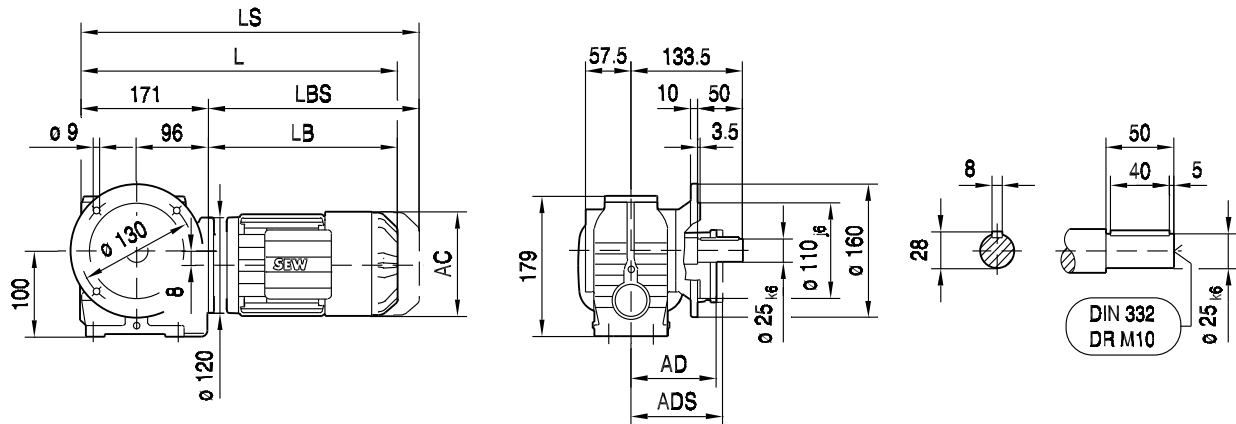
- Horizontal Dimensions:**
 - LS: Total length
 - L: Length to the center of the motor
 - LBS: Length to the center of the gear
 - LB: Length to the center of the output shaft
 - 75_{-0.5}: Distance from the mounting face to the center of the motor
 - 96: Distance from the center of the motor to the center of the gear
 - 12: Distance from the mounting face to the center of the output shaft
 - 30: Distance from the mounting face to the center of the output shaft
 - 35: Distance from the center of the output shaft to the center of the gear
 - 80: Distance from the center of the output shaft to the center of the motor
 - 112: Total length of the mounting bracket
- Vertical Dimensions:**
 - 105: Total height
 - 80: Height to the center of the motor
 - 25: Height to the center of the gear
 - 35: Height to the center of the output shaft
 - 15: Height to the bottom of the mounting bracket
 - 8: Height to the bottom of the mounting bracket
- Other Dimensions:**
 - Ø 120: Diameter of the motor shaft
 - Ø 11: Diameter of the output shaft
 - AC: Diameter of the output shaft

444

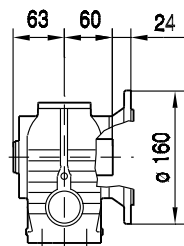


02 103 00 08

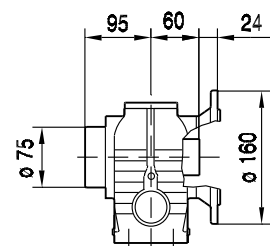
SF47..



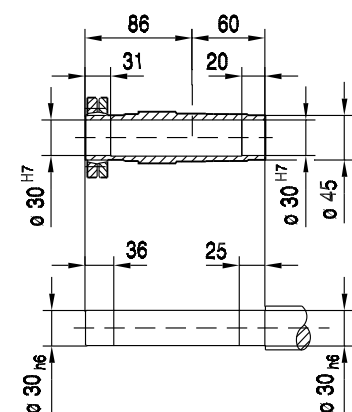
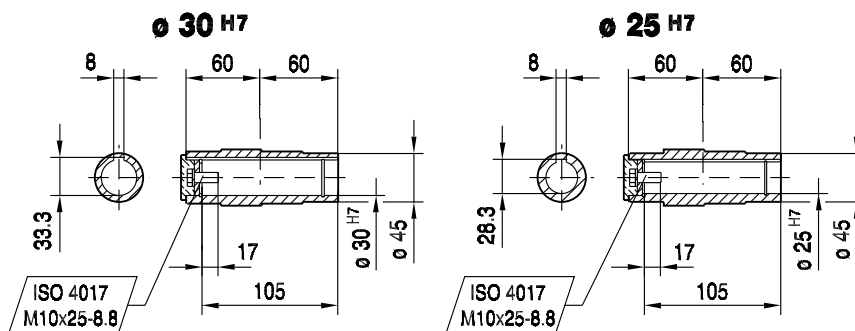
SAF47..



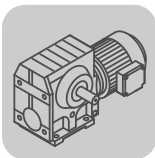
SHF47..



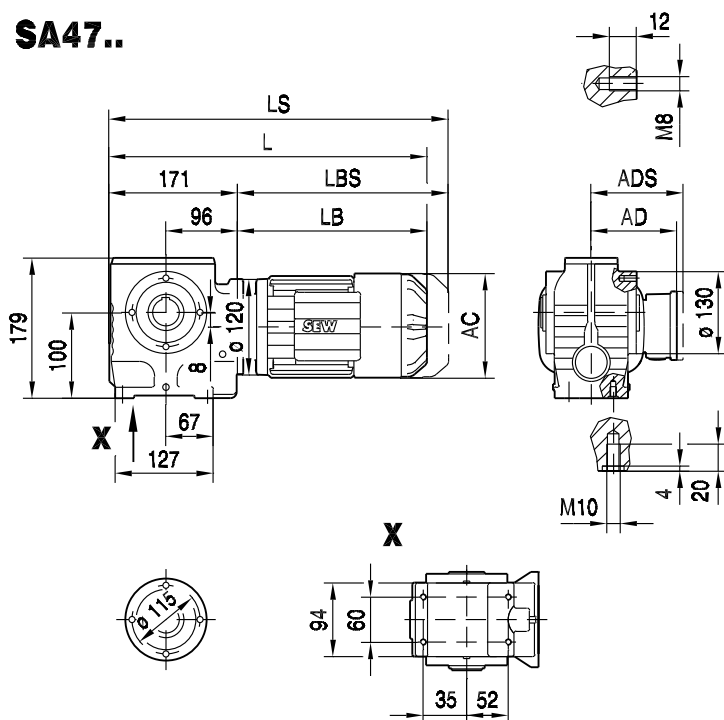
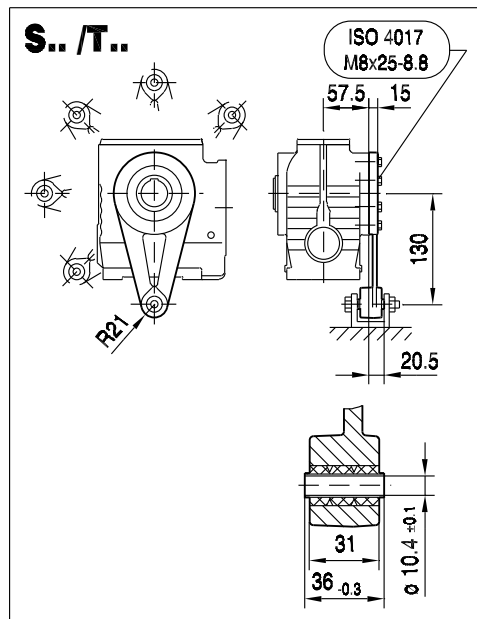
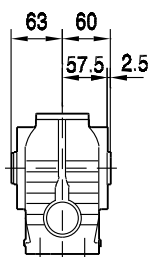
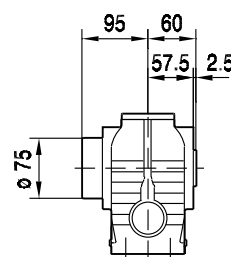
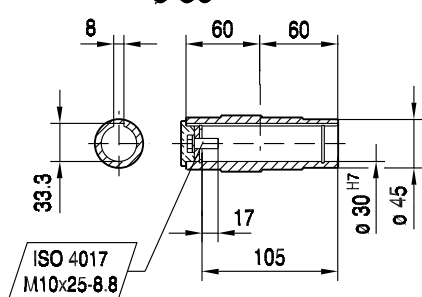
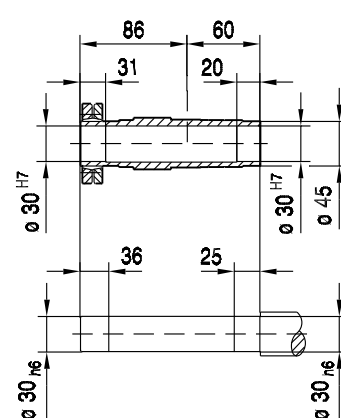
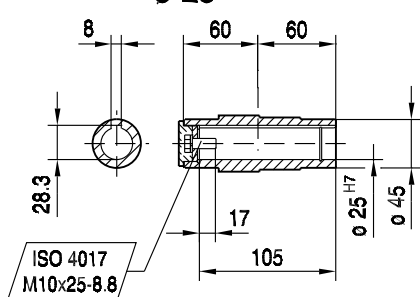
11



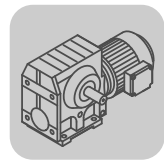
(→ 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L		
AC	139	139	156	156	179	197		
AD	119	119	128	128	140	157		
ADS	129	129	139	139	150	158		
L	459	484	503	534	551	610		
LS	523	548	583	614	637	697		
LB	288	313	332	363	380	439		
LBS	352	377	412	443	466	526		



02 104 00 08

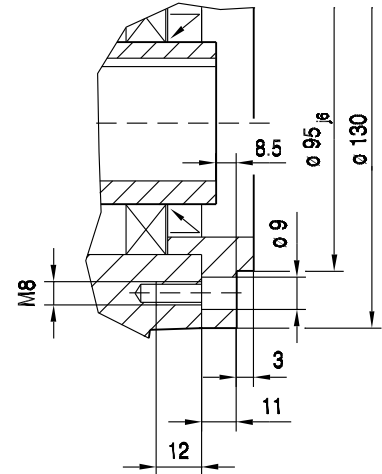
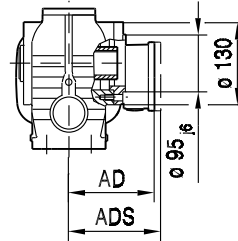
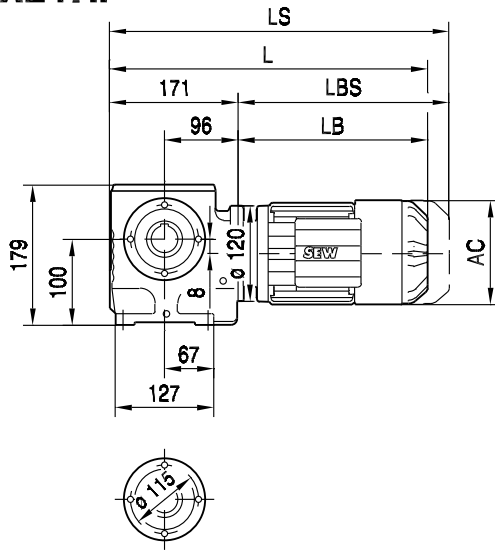
SA47..**S../T..****SA47..****SH47..****ø 30 H7****ø 25 H7**

(→ 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	459	484	503	534	551	610		
LS	523	548	583	614	637	697		
LB	288	313	332	363	380	439		
LBS	352	377	412	443	466	526		

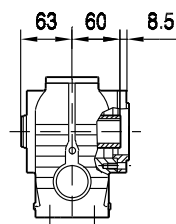


02 105 00 08

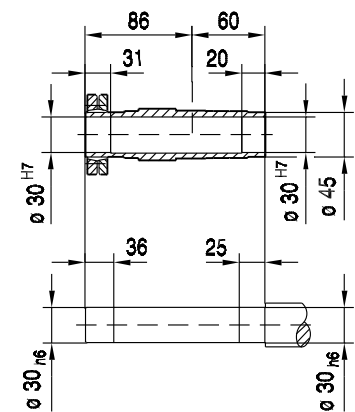
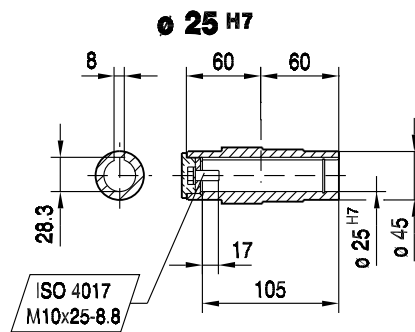
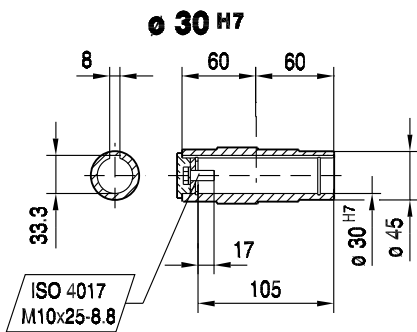
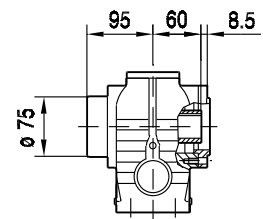
SAZ47..



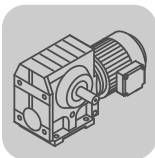
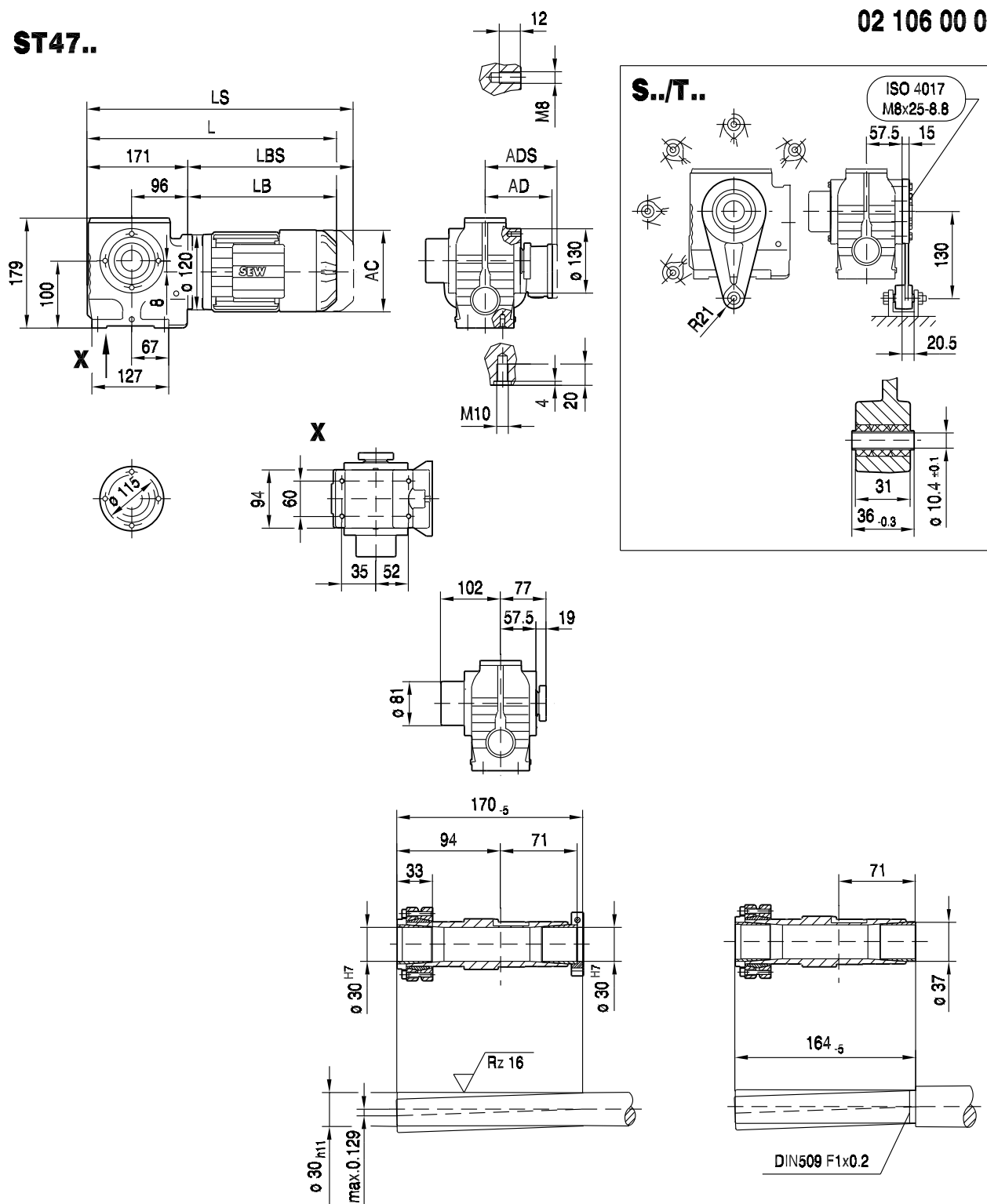
SAZ47..



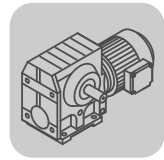
SHZ47..



(→ 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	459	484	503	534	551	610		
LS	523	548	583	614	637	697		
LB	288	313	332	363	380	439		
LBS	352	377	412	443	466	526		

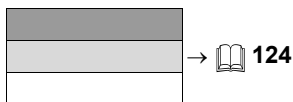

ST47..
02 106 00 08


(→ 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	459	484	503	534	551	610		
LS	523	548	583	614	637	697		
LB	288	313	332	363	380	439		
LBS	352	377	412	443	466	526		

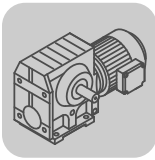


11.2.3 S 57

M _{aDyn} Nm	i	DRL									
		71S		71M		80S		80M	90L		100L
		D1	D2	D1	D2	D1	D2	D1	D1	D2	D1
S57 2	4.00	18	31	25	50	36	90	47	90	>106	>106
	4.76	21	36	30	60	43	107	56	107	>126	>126
	5.39	24	41	34	68	49	121	63	121	>142	>142
	6.40	28	48	40	80	57	142	74	142	>147	>147
	6.83	30	52	43	85	61	>150	79	>150	>150	>150
	7.28	32	55	45	91	65	162	84	162	>183	>183
	8.64	38	65	53	106	76	190	99	190	>210	>210
	9.23	41	69	57	114	81	200	106	200	>220	>220
	10.80	48	81	67	133	95	>220	124	>220	>220	>220
	12.10	53	91	75	149	106	>220	138	>220	>220	>220
	14.24	62	105	87	173	124	>220	161	>220		>220
	16.47	72	122	100	200	143	>220	186			
	17.62	76	129	106	210	152	>215	197			
	19.54		135		220	158	>270	205	>270	>270	>270
	20.33	87	149	122		175		>215			
	23.20	94	160	132	260	188	>315	240	>315	>315	>315
	24.77	99	168	139	275	198	>330	255	>330	>330	>330
	29.00	116	197	162	320	230	>360	300	>360	>360	>360
	32.48	128	215	180	355	255	>365	330	>365	>365	>365
	38.23	149	250	205	>365	295	>365	>365	>365		>365
	44.22	172	290	240	>365	340	>365	>365			
	47.32	182	305	255	>365	360	>365	>365			
	54.59	210	355	290		>365		>365			
	63.80	240		335							
	69.39	260		>360							

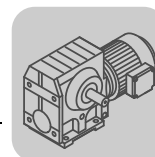


m kg		DRL					
	s	71S	71M	80S	80M	90L	100L
S57	22	21	22	24	27	34	42
SF: + 3.8 kg / SA: + -0.3 kg / SAF: + 2.6 kg							


S..DRL
S..Nm

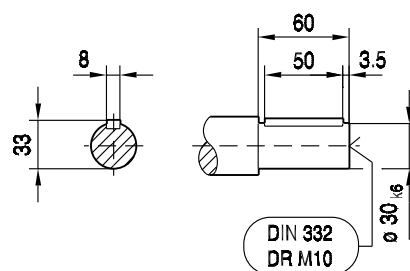
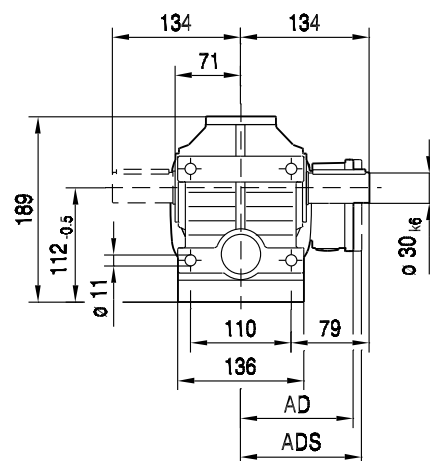
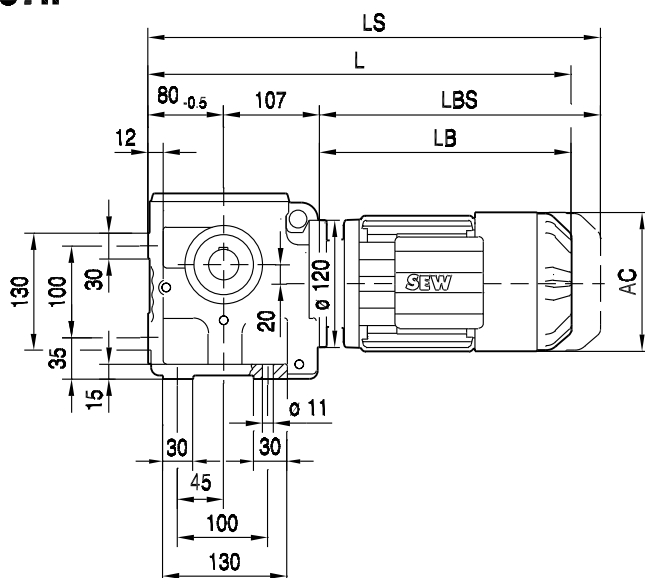
DRL..		n_{epk} 1/min	η %	c_{TG}			
i				S Nm/	SF Nm/	SA Nm/	SAF Nm/
S57 2	4.00	4500	90	-	-	-	-
	4.76	4500	90	-	-	-	-
	5.39	4500	90	-	-	-	-
	6.40	4500	89	-	-	-	-
	6.83	4500	89	-	-	-	-
	7.28	4500	89	-	-	-	-
	8.64	4500	88	-	-	-	-
	9.23	4500	88	-	-	-	-
	10.80	4500	88	-	-	-	-
	12.10	4500	88	-	-	-	-
	14.24	4500	87	-	-	-	-
	16.47	4500	87	-	-	-	-
	17.62	4500	86	-	-	-	-
	19.54	4500	81	-	-	-	-
	20.33	4500	86	-	-	-	-
	23.20	4500	81	-	-	-	-
	24.77	4500	80	-	-	-	-
	29.00	4500	80	-	-	-	-
	32.48	4500	79	-	-	-	-
	38.23	4500	78	-	-	-	-
	44.22	4500	78	-	-	-	-
	47.32	4500	77	-	-	-	-
	54.59	4500	77	-	-	-	-
	63.80	4500	76	-	-	-	-
	69.39	4500	75	-	-	-	-

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						S N	SF N	SA N	SAF N	S N	SF N	SA N	SAF N
S57 2	4.00	88	106	159	275	4.5	3380	3320	2730	2730	8170	8170	10000	10000
	4.76	93	126	189	231	3.3	3590	3520	2900	2900	8110	8110	10000	10000
	5.39	95	142	210	204	2.6	3760	3690	3040	3040	8060	8060	10000	10000
	6.40	98	147	220	172	1.9	4010	3930	3250	3250	8040	8040	10000	10000
	6.83	100	150	225	161	1.7	4100	4010	3330	3330	8030	8030	10000	10000
	7.28	146	183	248	27	1.7	3790	3770	2620	2620	7880	7880	10000	10000
	8.64	166	211	282	23	1.3	3900	3890	2430	2430	7730	7730	10000	10000
	9.23	169	223	287	22	1.1	3990	3980	2530	2530	7660	7660	10000	10000
	10.80	169	220	287	19	0.85	4290	4270	3000	3000	7680	7680	10000	10000
	12.10	169	220	287	17	0.70	4520	4490	3360	3360	7680	7680	10000	10000
	14.24	169	220	287	14	0.51	4860	4820	3810	3810	7680	7680	10000	10000
	16.47	168	220	286	12	0.40	5200	5130	4120	4120	7680	7680	10000	10000
	17.62	168	215	286	11	0.36	5350	5280	4260	4260	7710	7710	10000	10000
	19.54	215	274	366	26	1.3	5720	5620	4610	4610	7300	7300	10000	10000
	20.33	168	215	286	10	0.28	5690	5600	4560	4560	7710	7710	10000	10000
	23.20	245	315	417	9	0.95	5930	5840	4710	4710	6950	6950	10000	10000
	24.77	245	330	417	8	0.85	6100	6000	4870	4870	6800	6800	10000	10000
	29.00	245	360	417	7	0.65	6520	6410	5250	5250	6470	6470	10000	10000
	32.48	245	367	417	6	0.54	6840	6710	5540	5540	6380	6380	10000	10000
	38.23	245	367	417	5	0.39	7320	7170	5970	5970	6380	6380	10000	10000
	44.22	245	367	417	11	0.32	7520	7520	6380	6380	6380	6380	10000	10000
	47.32	245	367	417	11	0.28	7520	7520	6580	6580	6380	6380	10000	10000
	54.59	245	367	417	9	0.23	7520	7520	7000	7000	6380	6380	10000	10000
	63.80	245	360	417	8	0.18	7520	7520	7500	7500	6470	6470	10000	10000
	69.39	245	360	417	7	0.15	7520	7520	7770	7770	6470	6470	10000	10000

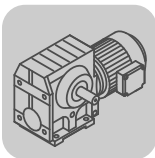


02 107 00 08

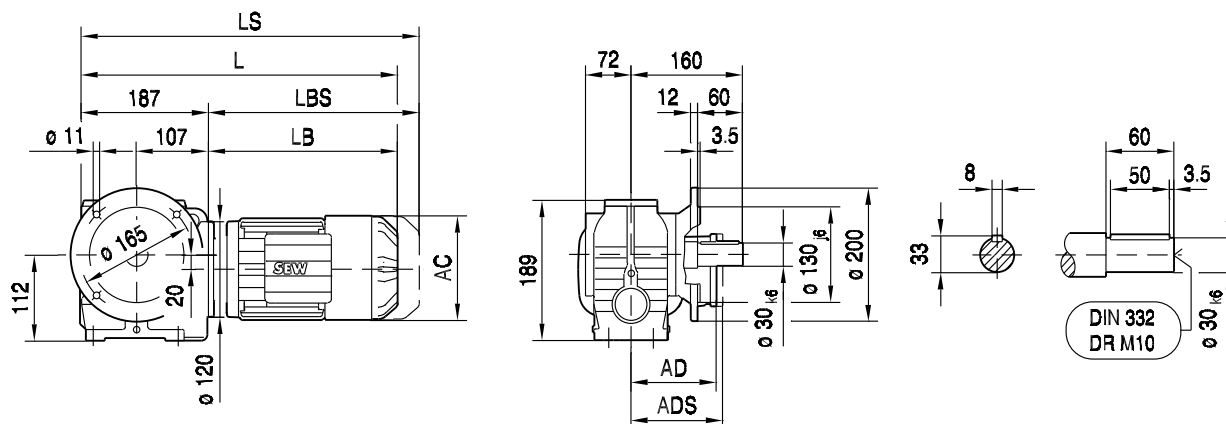
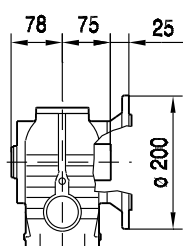
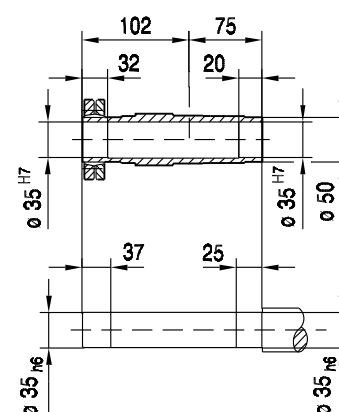
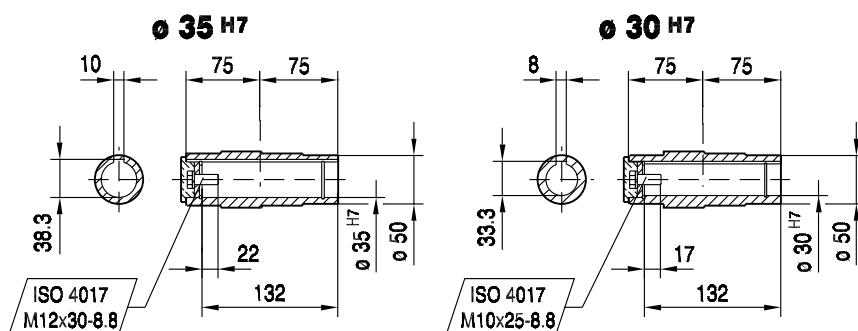
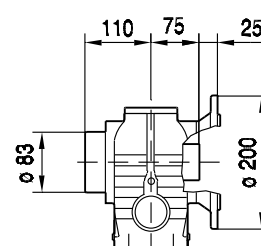
S57..



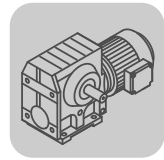
(→ 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L		
AC	139	139	156	156	179	197		
AD	119	119	128	128	140	157		
ADS	129	129	139	139	150	158		
L	475	500	519	550	567	626		
LS	539	564	599	630	653	713		
LB	288	313	332	363	380	439		
LBS	352	377	412	443	466	526		



02 108 00 08

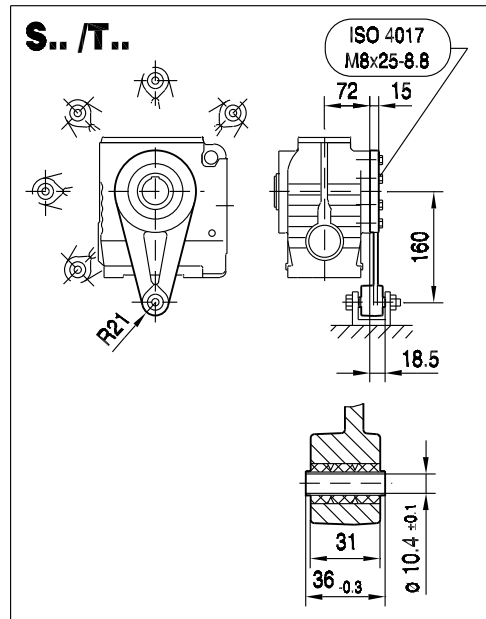
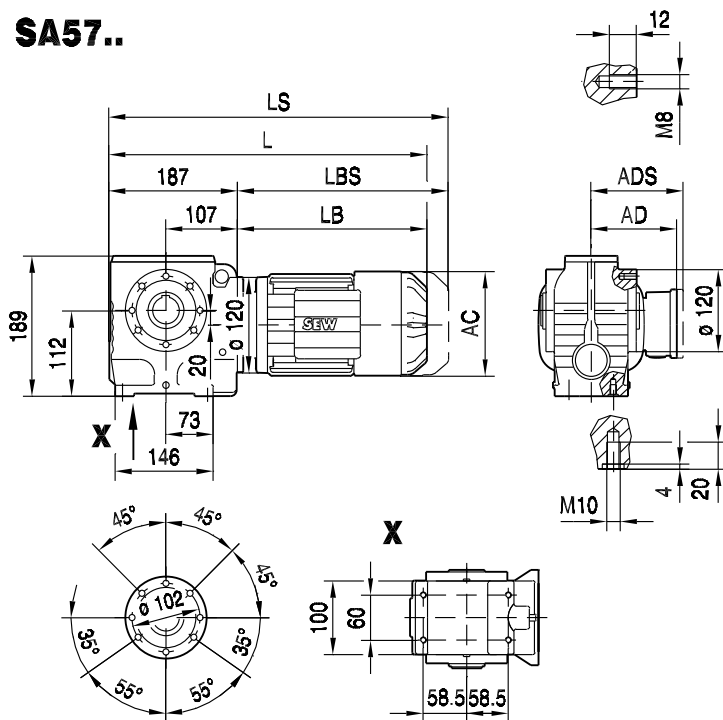
SF57..**SAF57..****SHF57..**

(→ 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	475	500	519	550	567	626		
LS	539	564	599	630	653	713		
LB	288	313	332	363	380	439		
LBS	352	377	412	443	466	526		

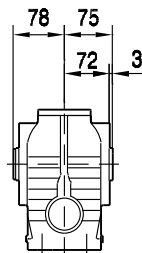


02 109 00 08

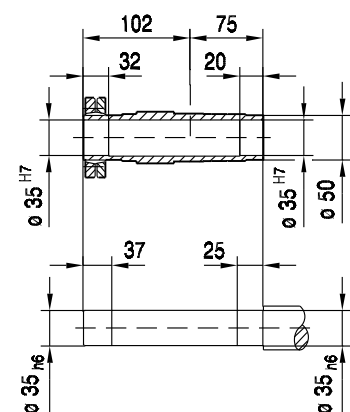
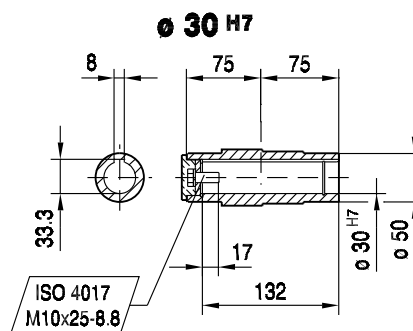
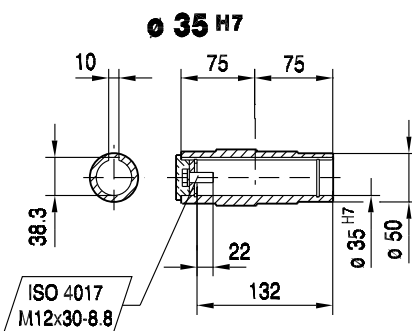
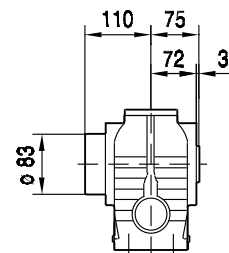
SA57..



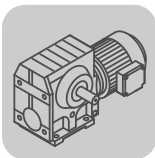
SA57..



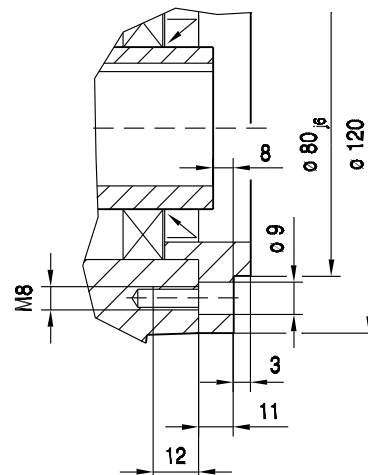
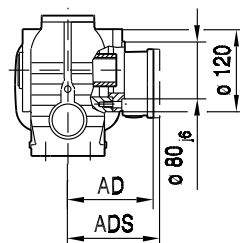
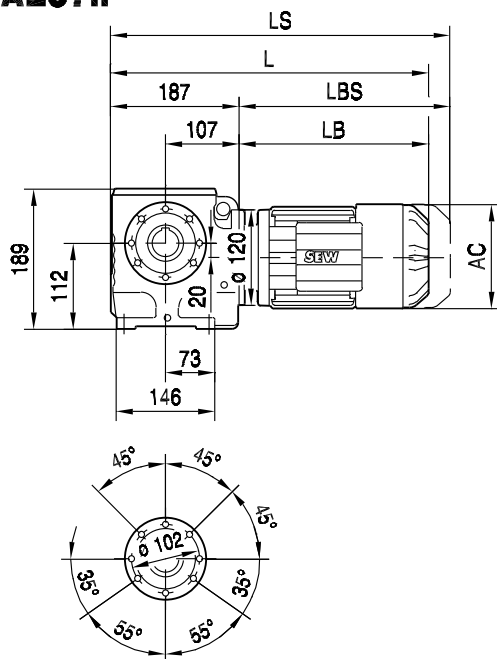
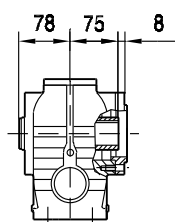
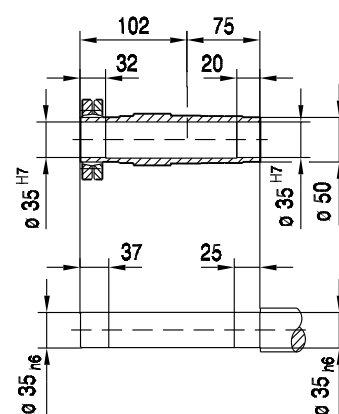
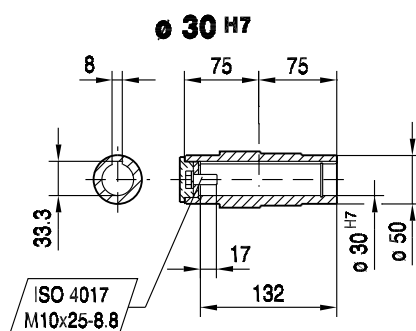
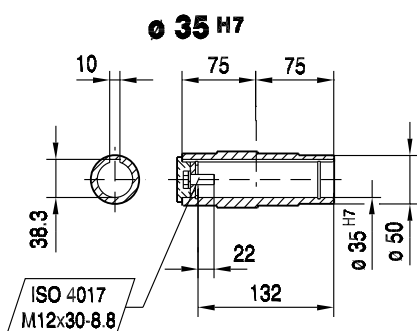
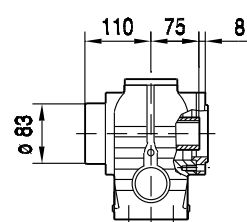
SH57..



(→ 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	475	500	519	550	567	626		
LS	539	564	599	630	653	713		
LB	288	313	332	363	380	439		
LBS	352	377	412	443	466	526		



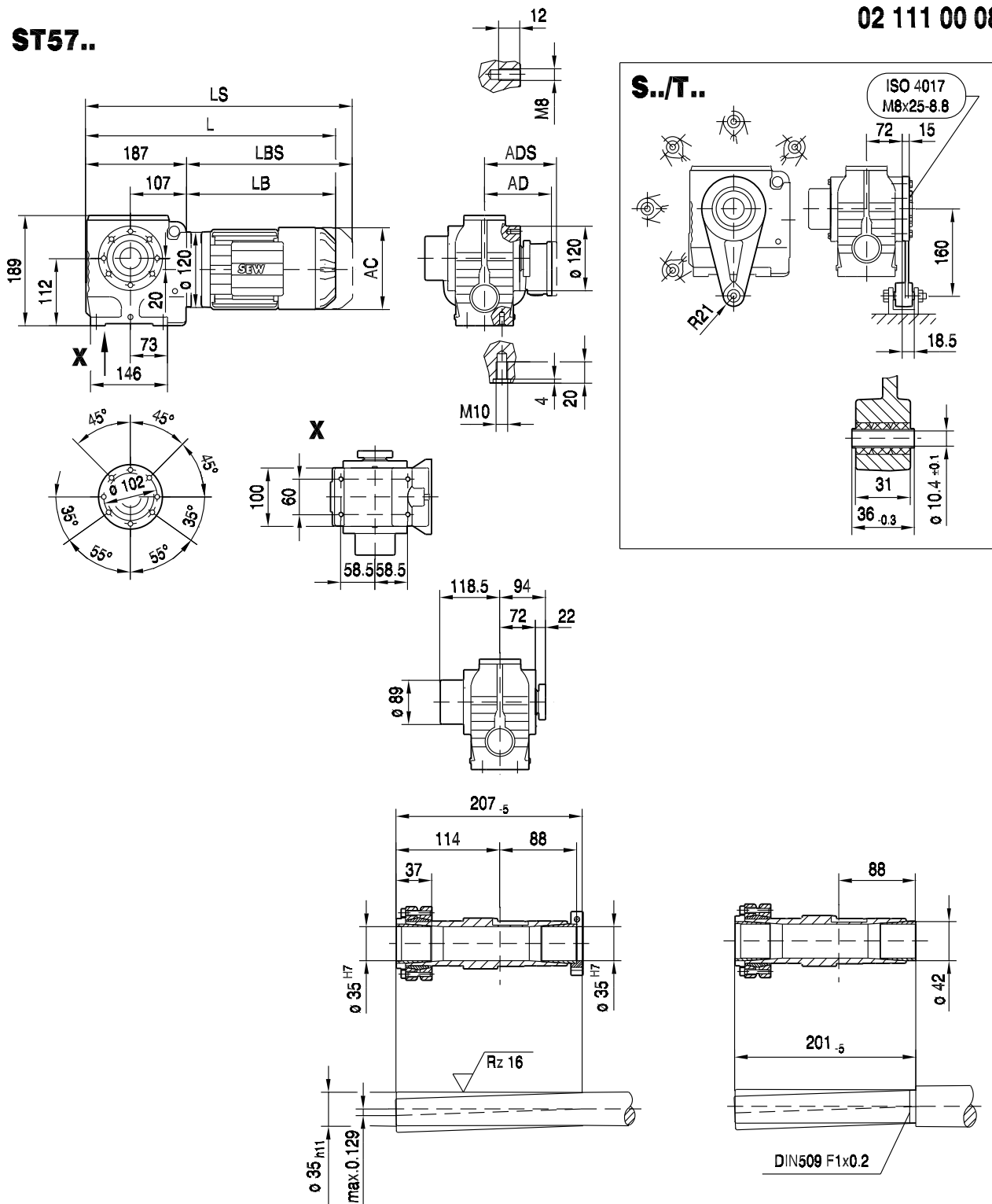
02 110 00 08

SAZ57..**SAZ57..****SHZ57..**

(→ 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	475	500	519	550	567	626		
LS	539	564	599	630	653	713		
LB	288	313	332	363	380	439		
LBS	352	377	412	443	466	526		

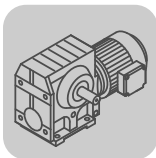
ST57..

02 111 00 08



11

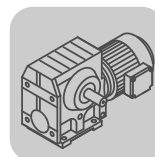
(→  129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L		
AC	139	139	156	156	179	197		
AD	119	119	128	128	140	157		
ADS	129	129	139	139	150	158		
L	475	500	519	550	567	626		
LS	539	564	599	630	653	713		
LB	288	313	332	363	380	439		
LBS	352	377	412	443	466	526		


11.2.4 S 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
S67 2	7.56		57		94	67	168	87	220	168	305	235	>375
	8.69	39	66	54	108	77	193	101	255	193	355	270	>420
	10.03	45	76	62	125	89	220	116	290	220	410	310	>450
	11.03	49	83	69	137	98	245	128	320	245	450	340	>455
	12.96	58	98	81	161	115	285	150	380	285	>455	400	>455
	13.73	61	104	86	171	122	305	159	400	305	>455	425	>455
	15.60	69	117	96	192	137	340	178	450	340	>455	>455	
	17.28	76	129	106	210	152	380	198	>455	380	>455	>455	
	20.30										>490		>490
	20.37	89	151	124	245	177	440	230	>450	440		>450	
	23.22	101	172	141	280	200	>450	260					
	23.33								>515	475	>515	>515	>515
	24.44	106	181	149	295	210	>450	275					
	26.93	109	185	153	305	215	>535	280	>535	>535	>535	>535	>535
	29.63	120	200	168	335	240	>550	310	>550	>550	>550	>550	>550
	34.80	139	235	195	385	275	>575	360	>575	>575	>575	>575	>575
	36.85	147	250	205	410	290	>580	380	>580	>580	>580	>580	>580
	41.89	168	280	230	465	335	>595	435	>595	>595	>595	>595	
	46.40	183	310	255	510	365	>610	475	>610	>610	>610	>610	
	54.70	210	360	295	595	425	>625	550	>625	>625		>625	
	62.35	240	410	340	>640	485	>640	630					
	65.63	255	435	355	>645	510	>645	>645					
	75.06	285	490	400		575		>655					

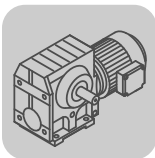
	→ 124

m kg		DRL						
	s	71S	71M	80S	80M	90L	100L	132S
S67	2	31	33	35	38	46	53	69
SF: + 6.5 kg / SA: + 1.0 kg / SAF: + 5.5 kg								

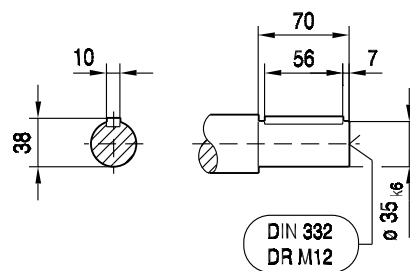
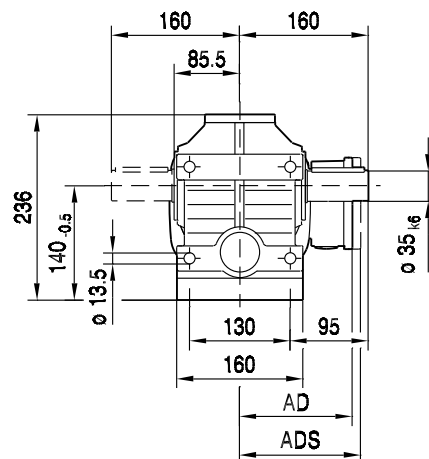
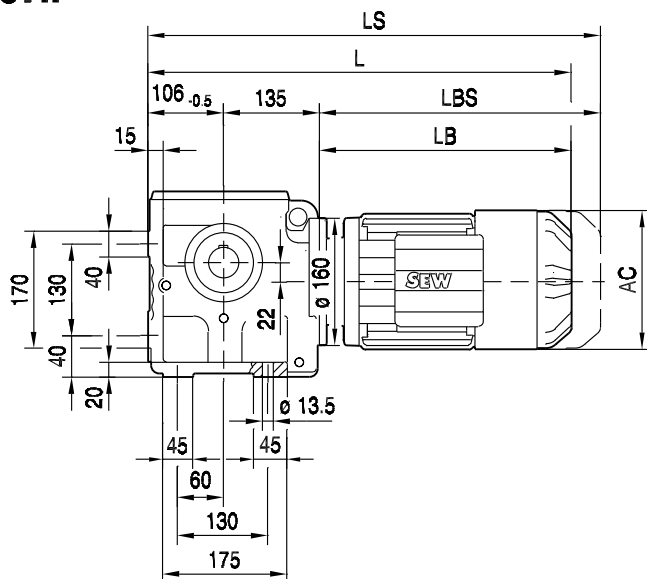


DRL..		n_{epk} 1/min	η %	S Nm/'	SF Nm/'	c_{TG} SA Nm/'	SAF Nm/'
i							
S67  2	7.56	4500	89	-	-	-	-
	8.69	4500	89	-	-	-	-
	10.03	4500	89	-	-	-	-
	11.03	4500	89	-	-	-	-
	12.96	4500	89	-	-	-	-
	13.73	4500	89	-	-	-	-
	15.60	4500	88	-	-	-	-
	17.28	4500	88	-	-	-	-
	20.30	4500	82	-	-	-	-
	20.37	4500	87	-	-	-	-
	23.22	4500	87	-	-	-	-
	23.33	4500	82	-	-	-	-
	24.44	4500	87	-	-	-	-
	26.93	4500	81	-	-	-	-
	29.63	4500	81	-	-	-	-
	34.80	4500	80	-	-	-	-
	36.85	4500	80	-	-	-	-
	41.89	4500	80	-	-	-	-
	46.40	4500	79	-	-	-	-
	54.70	4500	78	-	-	-	-
	62.35	4500	78	-	-	-	-
	65.63	4500	78	-	-	-	-
	75.06	4500	77	-	-	-	-

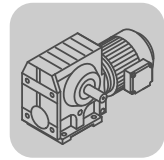
DRL..							F _{Ramax}				F _{Rapk}			
n _e = 1400		M _{amax} Nm	M _{apk} Nm	M _{aNotaus} Nm	n _{ak} 1/min	J _G 10 ⁻⁴ kgm ²	S N	SF N	SA N	SAF N	S N	SF N	SA N	SAF N
S67  2	7.56	295	375	502	26	5.4	3220	3890	2540	2540	9740	9740	12000	12000
	8.69	335	420	570	23	4.3	2860	3590	2020	2020	9460	9460	12000	12000
	10.03	340	450	578	20	3.3	3290	4050	2480	2480	9250	9250	12000	12000
	11.03	340	455	578	18	2.8	3660	4430	2890	2890	9210	9210	12000	12000
	12.96	340	455	578	15	2.2	4310	5110	3610	3610	9210	9210	12000	12000
	13.73	340	455	578	15	2.0	4510	5310	3870	3870	9210	9210	12000	12000
	15.60	340	455	578	13	1.5	4820	5640	4480	4480	9210	9210	12000	12000
	17.28	340	455	578	12	1.3	5080	5910	4990	4990	9210	9210	12000	12000
	20.30	425	490	723	10	4.0	5760	6650	6090	6090	8940	8940	12000	12000
	20.37	340	450	578	34	0.99	5520	6360	5700	5700	9250	9250	12000	12000
	23.22	340	450	578	47	0.71	5890	6740	6110	6110	9250	9250	12000	12000
	23.33	480	515	816	9	3.2	5810	6800	6120	6120	8720	8720	12000	12000
	24.44	340	450	578	45	0.63	6040	6900	6270	6270	9250	9250	12000	12000
	26.93	480	535	816	7	2.6	6240	7240	6590	6590	8540	8540	12000	12000
	29.63	480	550	816	7	2.2	6540	7540	6920	6920	8390	8390	12000	12000
	34.80	480	575	816	14	1.8	7060	8080	7490	7490	8140	8140	12000	12000
	36.85	480	580	816	14	1.6	7250	8280	7710	7710	8080	8080	12000	12000
	41.89	480	595	816	12	1.3	7690	8740	8200	8200	7920	7920	12000	12000
	46.40	480	610	816	11	1.1	8060	9020	8600	8600	7740	7740	12000	12000
	54.70	480	625	816	9	0.84	8670	9020	9280	9280	7560	7560	12000	12000
	62.35	480	640	816	8	0.59	9020	9020	9850	9850	7370	7370	12000	12000
	65.63	480	645	816	8	0.53	9020	9020	10100	10100	6930	7300	12000	12000
	75.06	480	655	816	7	0.43	9020	9020	10700	10700	5930	7170	12000	12000



02 112 00 08

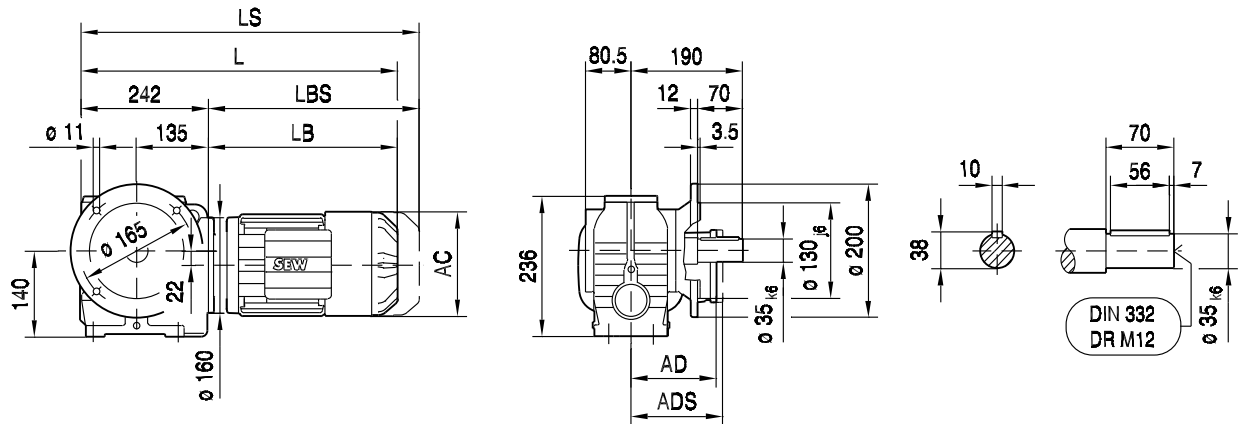
S67..

(→ 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	521	546	567	598	612	671	756	
LS	586	611	647	678	698	758	864	
LB	280	305	326	357	371	430	515	
LBS	345	370	406	437	457	517	623	

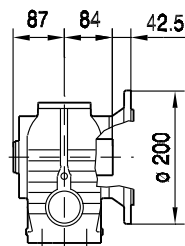


02 113 00 08

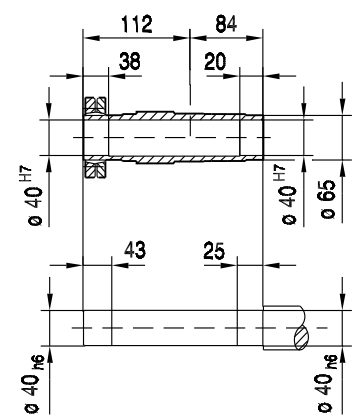
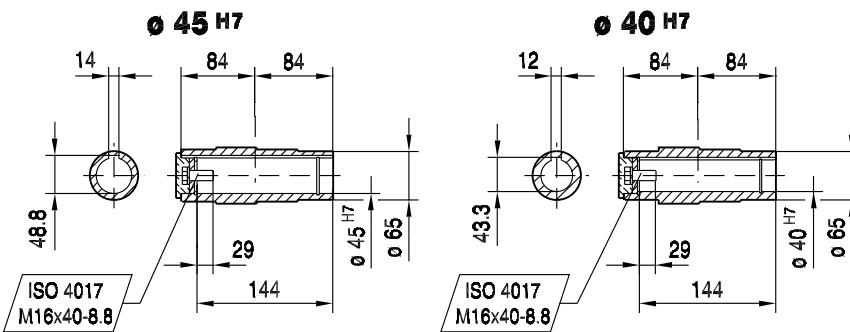
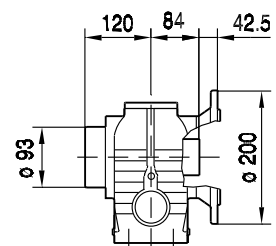
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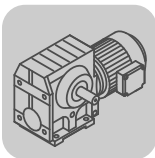
SAF67..



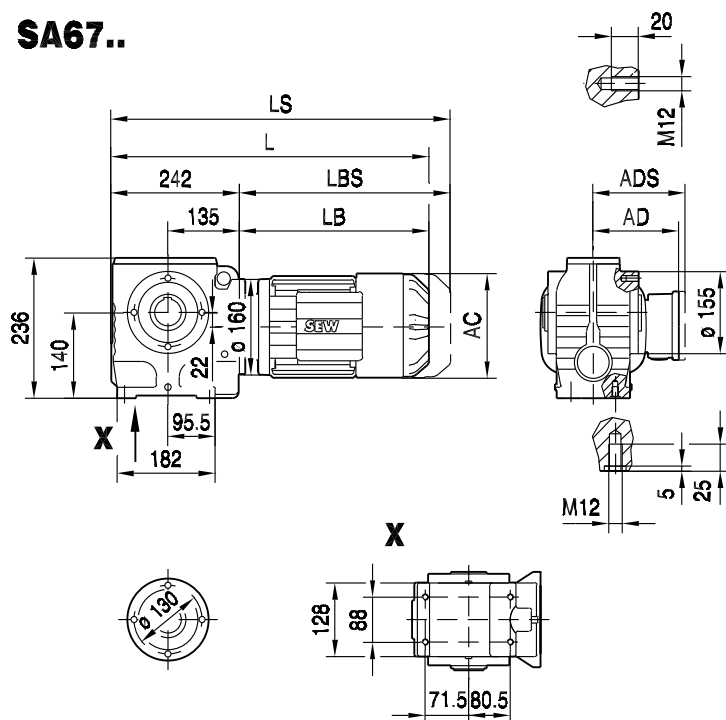
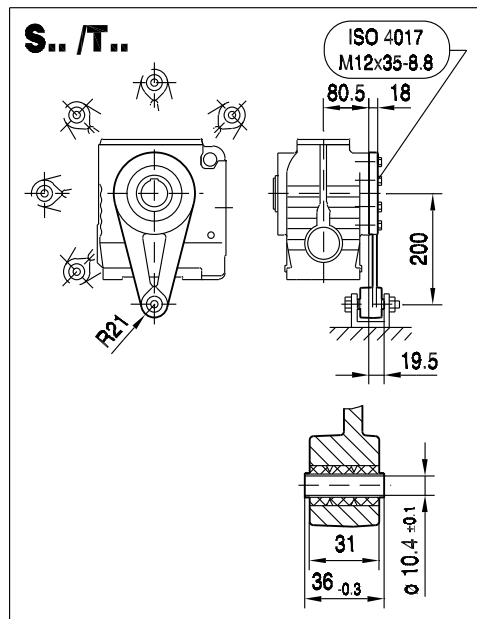
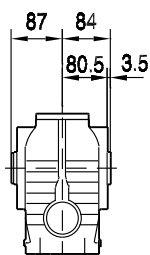
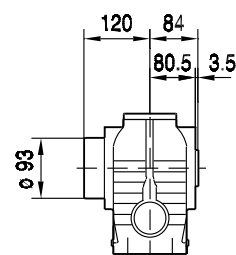
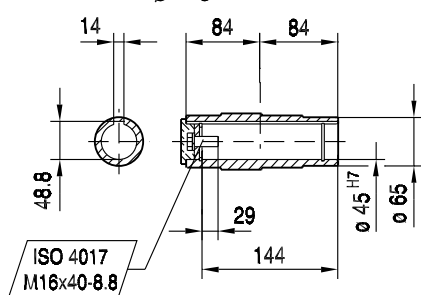
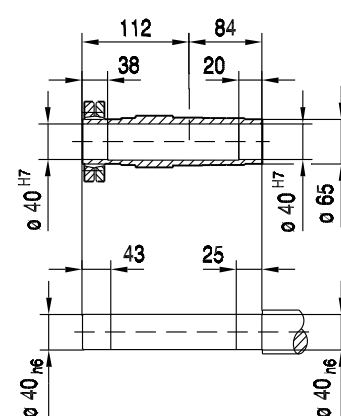
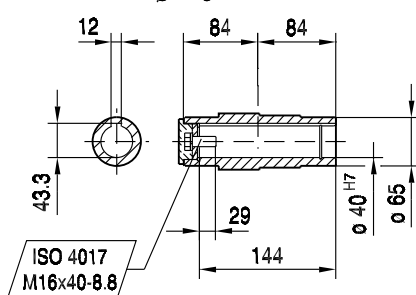
SHF67..



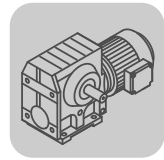
(→ 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	
AC	139	139	156	156	179	197	221	
AD	119	119	128	128	140	157	170	
ADS	129	129	139	139	150	158	172	
L	522	547	568	599	613	672	757	
LS	587	612	648	679	699	759	865	
LB	280	305	326	357	371	430	515	
LBS	345	370	406	437	457	517	623	



02 114 00 08

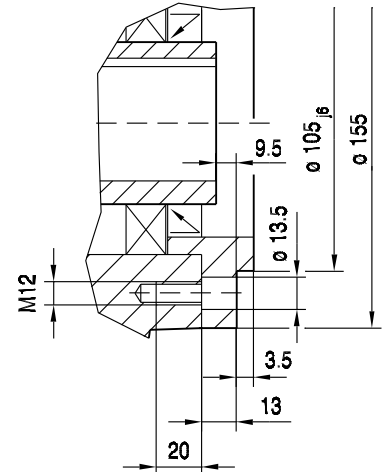
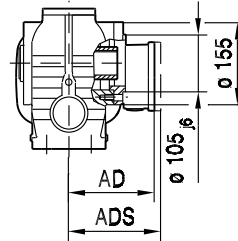
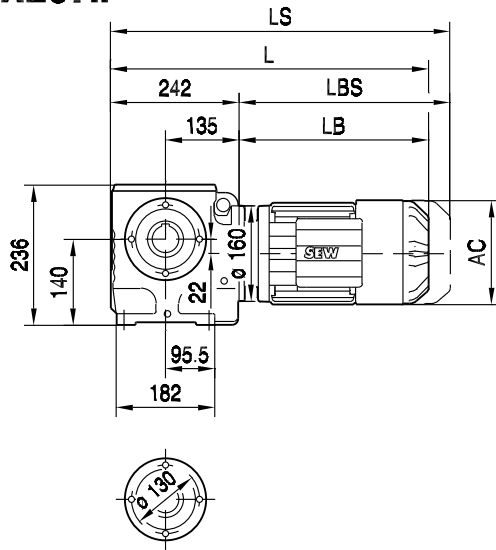
SA67..**S../T..****SA67..****SH67..****ø 45 H7****ø 40 H7**

(→ 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	522	547	568	599	613	672	757	
LS	587	612	648	679	699	759	865	
LB	280	305	326	357	371	430	515	
LBS	345	370	406	437	457	517	623	

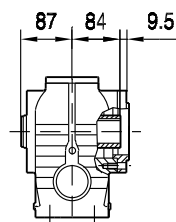


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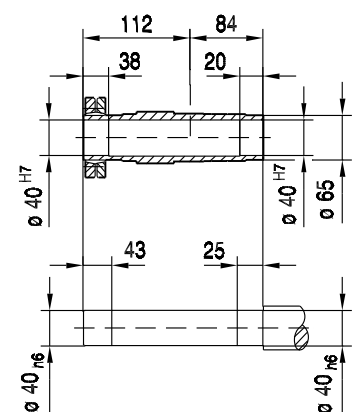
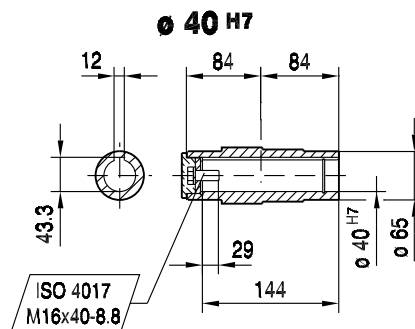
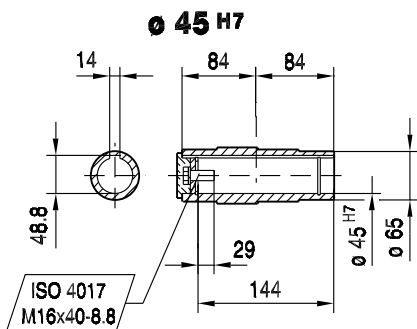
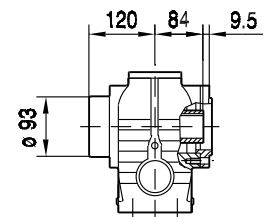
SAZ67..



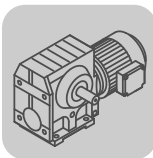
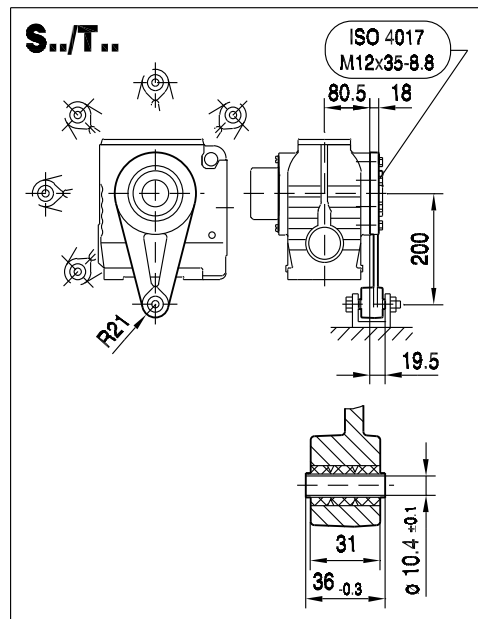
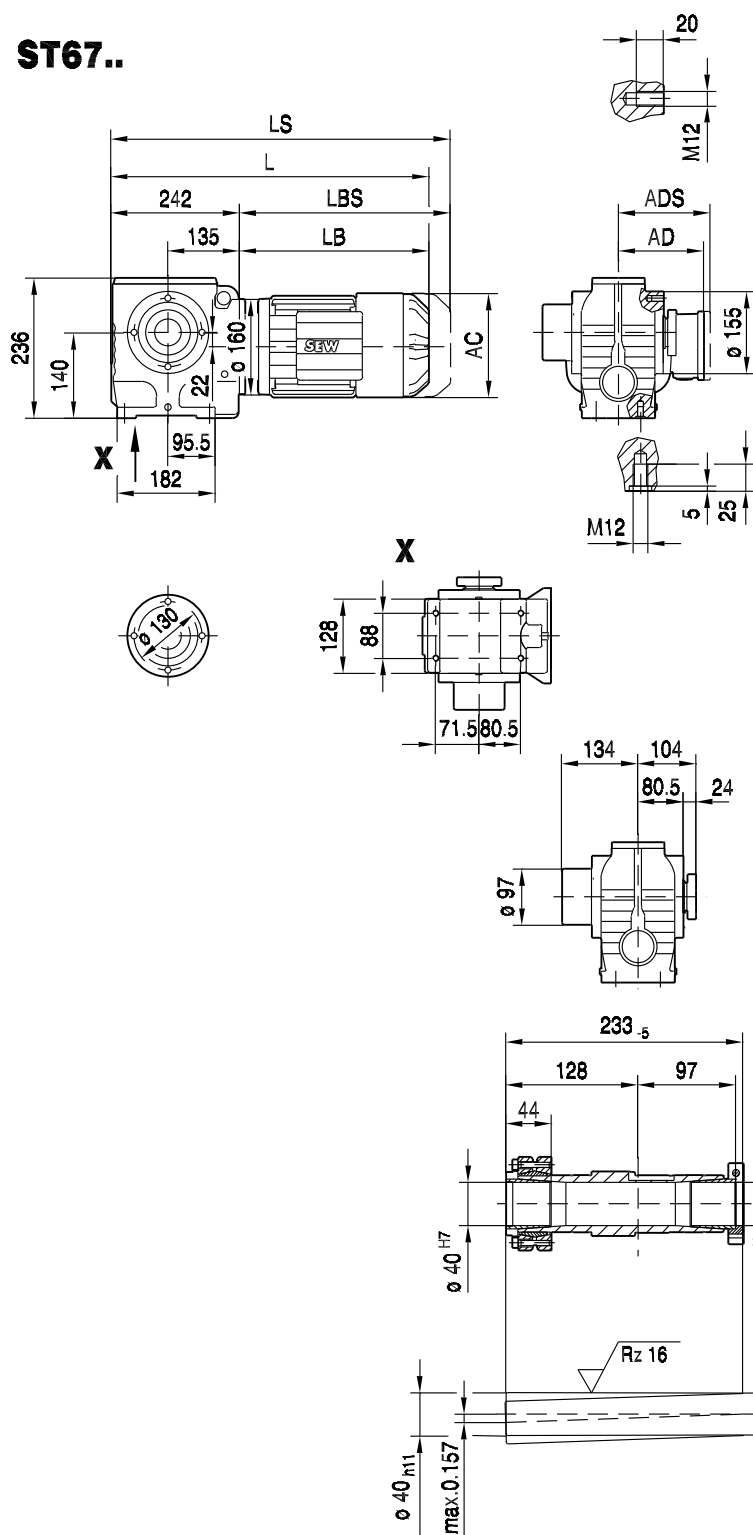
SAZ67..



SHZ67..



(→ 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	522	547	568	599	613	672	757
LS	587	612	648	679	699	759	865
LB	280	305	326	357	371	430	515
LBS	345	370	406	437	457	517	623


ST67..
02 116 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	
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LS	587	612	648	679	699	759	865	
LB	280	305	326	357	371	430	515	
LBS	345	370	406	437	457	517	623	