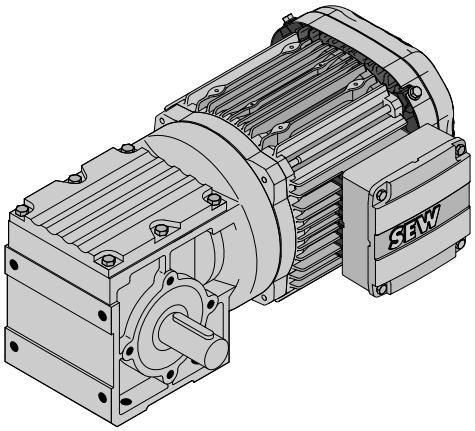
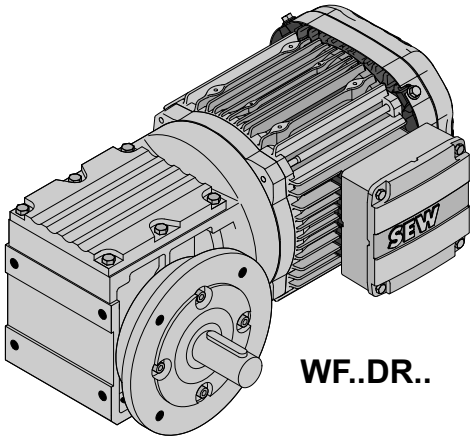
13 W..DRS

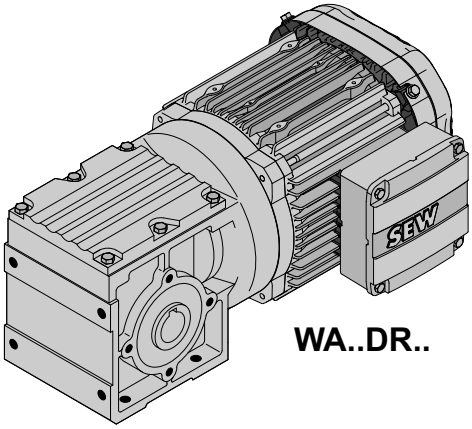
13.1 W, WF, WA, WAF, WA..B, WH..B, WHF, WH, WT..DRS



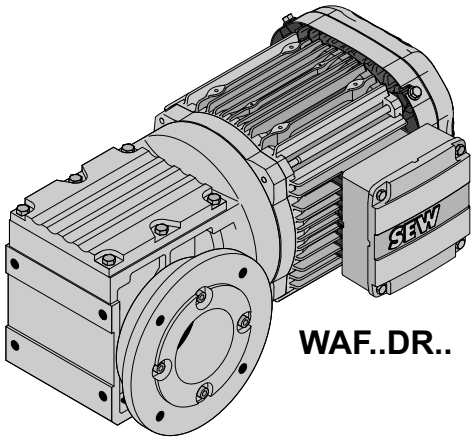
W..DR..



WF..DR..

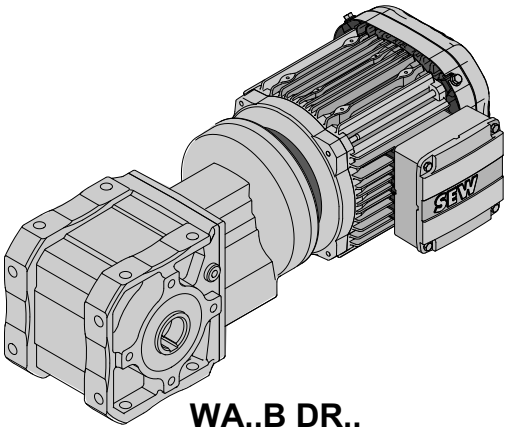


WA..DR..

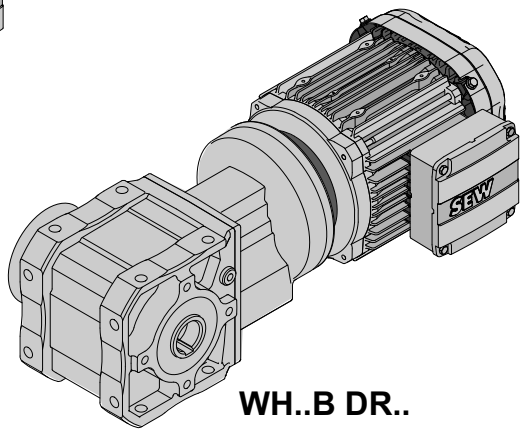


WAF..DR..

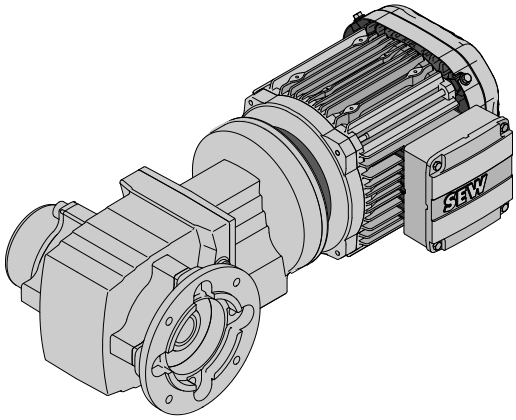
60407AXX



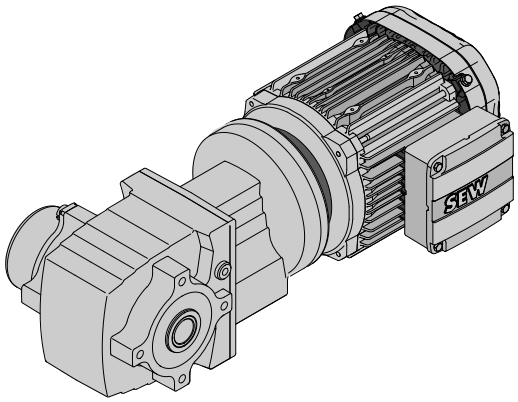
WA..B DR..



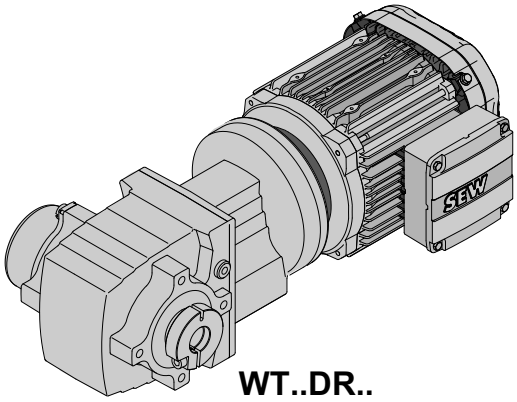
WH..B DR..



WHF..DR..

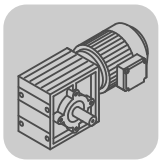


WH..DR..



WT..DR..

65701AXX



13.2 W.. → DRS

W10, n_e = 1400 1/min — 25 Nm

n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(/R)}$ [']	i	DT56
19	25	1800	-	75.00*	
23	25	1800	-	60.00*	
29	25	1800	-	48.00*	
36	25	1800	-	39.00*	
43	25	1800	-	32.50*	
51	24	1800	-	27.50*	
57	25	1800	-	24.50*	
72	25	1800	-	19.50*	
85	20	1800	-	16.50*	
98	22	1800	-	14.33	
137	13	1800	-	10.25*	
171	12	1800	-	8.20*	
213	12	1720	-	6.57	

W20, n_e = 1400 1/min — 40 Nm

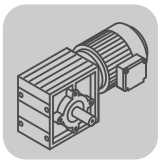
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(/R)}$ [']	i	DR63 DRS71S
19	40	2200	-	75.00*	
23	40	2200	-	60.00*	
29	40	2200	-	48.00*	
36	40	2200	-	39.00*	
43	40	2200	-	32.50*	
51	40	2200	-	27.50*	
57	40	2200	-	24.50*	
72	35	2200	-	19.50*	
85	30	2200	-	16.50*	
98	30	2110	-	14.33	
137	25	1920	-	10.25*	
171	20	1830	-	8.20*	
213	20	1720	-	6.57	

W30, n_e = 1400 1/min — 70 Nm

n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(/R)}$ [']	i	DR63 DRS71S	DRS71M DRS80
19	70	3000	-	75.00*		
23	70	3000	-	60.00*		
29	70	3000	-	48.00*		
36	70	3000	-	39.00*		
43	70	3000	-	32.50*		
51	70	3000	-	27.50*		
57	70	3000	-	24.50*		
72	70	3000	-	19.50*		
86	60	3000	-	16.33		
98	60	3000	-	14.33		
137	50	2970	-	10.25*		
171	40	2810	-	8.20*		
213	40	2610	-	6.57		

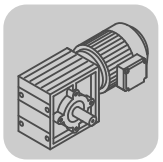
W37, n_e = 1400 1/min — 110 Nm

n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(/R)}$ [']	i	DR63 DRS71S DRS71M	DRS80	DRS90M	DRS90L DRS100M
20	110	3320	-	69.05				
22	110	3320	-	63.33				
26	110	3320	-	53.92				
30	110	3320	-	46.49				
37	110	3320	-	37.88				
41	90	3610	-	34.52				



W37, n_e = 1400 1/min								110 Nm
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(/R)}$ [']	i	DR63 DRS71S DRS71M	DRS80	DRS90M	DRS90L DRS100M
44	90	3610	-	31.67				
45	110	3320	-	31.33				
50	110	3320	-	27.78				
52	90	3610	-	26.96				
60	90	3610	-	23.25				
66	110	3320	-	21.33				
74	90	3610	-	18.94				
89	90	3430	-	15.67				
101	90	3250	-	13.89				
110	70	3800	-	12.70				
120	70	3680	-	11.65				
131	90	2880	-	10.67				
141	70	3460	-	9.92				
164	70	3270	-	8.55				
201	70	3020	-	6.97				
243	70	2810	-	5.77				
274	70	2680	-	5.11				
356	70	2410	-	3.93				
438	70	2220	-	3.20*				

W37R17, n_e = 1400 1/min						110 Nm
n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(/R)}$ [']	i	DR63 DRS71S DRS71M	DRS80
				2 3		
0.32	110	3320	-	4402		
0.37	110	3320	-	3795		
0.43	110	3320	-	3272		
0.48	110	3320	-	2899		
0.55	110	3320	-	2558		
0.59	110	3320	-	2382		
0.64	110	3320	-	2172		
0.72	110	3320	-	1952		
0.78	110	3320	-	1795		
0.88	110	3320	-	1593		
0.96	110	3320	-	1463		
1.1	110	3320	-	1298		
1.9	110	3320	-	754		
2.1	110	3320	-	669		
				2 2		
1.2	110	3320	-	1173		
1.3	110	3320	-	1063		
1.5	110	3320	-	956		
1.6	110	3320	-	854		
2.3	110	3320	-	600		
2.6	110	3320	-	532		
3.0	110	3320	-	472		
3.2	110	3320	-	434		
3.6	110	3320	-	384		
3.9	110	3320	-	359		
4.3	110	3320	-	327		
4.9	110	3320	-	286		
5.2	110	3320	-	267		
6.0	110	3320	-	233		
6.8	110	3320	-	207		
7.6	110	3320	-	184		
8.8	110	3320	-	160		



W37R17, n_e = 1400 1/min — 110 Nm

n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(/R)}$ [']	i	DR63 DRS71S DRS71M	DRS80
9.9	110	3320	-	141		
11	110	3320	-	125		
13	110	3320	-	109		
15	110	3320	-	96		
17	110	3320	-	82		
19	90	3610	-	73		
22	90	3610	-	63		
26	90	3610	-	53		
29	90	3610	-	48		

W47, n_e = 1400 1/min — 180 Nm

n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(/R)}$ [']	i	DR63 DRS71S DRS71M	DRS80	DRS90M	DRS90L DRS100M	DRS100LC	DRS132S DRS132M
19	180	6500	-	74.98						
20	180	6500	-	68.93						
24	180	6500	-	58.98						
27	180	6300	-	51.12						
29	180	6110	-	47.78						
34	180	5720	-	41.30						
40	180	5290	-	35.09						
44	160	5620	-	31.62						
45	180	5010	-	31.33						
51	160	5280	-	27.41						
52	180	4640	-	26.76						
55	160	5130	-	25.62						
56	180	4490	-	25.07						
63	160	4800	-	22.15						
74	160	4460	-	18.82						
83	160	4230	-	16.80						
98	160	3930	-	14.35						
104	160	3810	-	13.44						
114	110	4600	-	12.30						
124	160	3500	-	11.32						
131	110	4350	-	10.66						
141	110	4240	-	9.96						
163	110	4000	-	8.61						
191	110	3750	-	7.32						
214	110	3580	-	6.53						
251	110	3360	-	5.58						
268	110	3270	-	5.23						
318	110	3050	-	4.40						
360	110	2900	-	3.89						
428	110	2690	-	3.27						

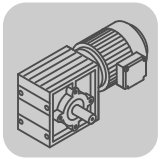
W47R17, n_e = 1400 1/min — 180 Nm

n_a [1/min]	M_{amax} [Nm]	F_{Ra} [N]	$\varphi_{(/R)}$ [']	i	DR63 DRS71S DRS71M	DRS80
			2 3			
0.29	180	6400	-	4815		
0.34	180	6400	-	4173		
0.36	180	6400	-	3870		
0.39	180	6400	-	3598		
0.42	180	6400	-	3354		
0.44	180	6400	-	3171		
0.51	180	6400	-	2748		
0.58	180	6400	-	2425		

W47R17, n_e = 1400 1/min						**180 Nm**
n_a [1/min]	**M_{amax} [Nm]**	**F_{Ra} [N]**	**$\varphi_{(/R)}$ [']**	**i**	**DR63 DRS71S DRS71M**	**DRS80**
0.62	180	6400	-	2258		
0.66	180	6400	-	2111		
0.71	180	6400	-	1959		
0.78	180	6400	-	1797		
0.88	180	6400	-	1595		
0.94	180	6400	-	1486		
0.97	180	6400	-	1448		
1.2	180	6400	-	1170		
1.9	180	6400	-	754		
			2	**2**		
1.1	180	6400	-	1290		
1.2	180	6400	-	1183		
1.3	180	6400	-	1042		
1.5	180	6400	-	956		
1.6	180	6400	-	869		
2.1	180	6400	-	661		
2.3	180	6400	-	596		
2.6	180	6400	-	536		
3.0	180	6400	-	473		
3.2	180	6400	-	434		
3.6	180	6400	-	386		
3.9	180	6400	-	359		
4.4	180	6400	-	318		
4.8	180	6400	-	291		
5.2	180	6400	-	270		
5.3	180	6400	-	265		
5.9	180	6400	-	237		
6.7	180	6400	-	210		
7.7	180	6400	-	183		
8.8	180	6400	-	159		
9.9	180	6400	-	141		
11	160	6650	-	124		
12	180	6400	-	120		
13	160	6650	-	105		
15	160	6650	-	95		
16	160	6650	-	85		
18	160	6650	-	77		
19	160	6650	-	72		

13.3 W..DRS [kW]

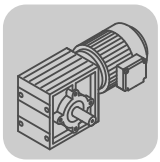
P_m [kW]	n_a [1/min]	M_a [Nm]	i	F_{Ra} [1)] [N]	SEW f_B					m [kg]	
0.09	**17**	20	75.00*	1800	1.25						
	22	18	60.00*	1800	1.45						
	27	16	48.00*	1800	1.55						
	33	15	39.00*	1800	1.70						
	40	13	32.50*	1800	1.90						
	47	12	27.50*	1800	2.0	**W**	**10**	**DT**	**56M4**	5.3	643
	53	11	24.50*	1800	2.3	**WF**	**10**	**DT**	**56M4**	5.5	644
	67	9.4	19.50*	1800	2.7	**WA**	**10**	**DT**	**56M4**	5.3	645
	79	8.4	16.50*	1800	2.4	**WAF**	**10**	**DT**	**56M4**	5.5	644
	91	7.6	14.33	1800	2.9						
	127	5.8	10.25*	1800	2.2						
	159	4.8	8.20*	1800	2.5						
	198	4.0	6.57	1800	3.0						
0.12	**3.8**	135	359	0	0.80						
	4.2	128	327	1780	0.85						
	4.8	112	286	3280	1.00						
	5.2	107	267	3370	1.05						
	5.9	94	233	3560	1.15						
	6.7	81	207	3720	1.35						
	7.5	73	184	3800	1.50						
	8.6	68	160	3850	1.60	**W**	**37R17**	**DR**	**63S4**	13	661
	9.8	60	141	3910	1.80	**WF**	**37R17**	**DR**	**63S4**	13	661
	11	54	125	3960	2.0	**WA**	**37R17**	**DR**	**63S4**	13	661
	13	48	109	4000	2.3	**WAF**	**37R17**	**DR**	**63S4**	13	661
	14	43	96	4030	2.6						
	17	37	82	4060	3.0						
	19	38	73	4050	2.3						
	22	34	63	4070	2.6						
	26	29	53	4090	3.1						
	29	27	48	4100	3.3						
	20	39	69.05	4050	2.8						
	22	36	63.33	4060	3.1						
	26	31	53.92	4080	3.5	**W**	**37**	**DR**	**63S4**	10	652
	30	27	46.49	4100	4.0	**WF**	**37**	**DR**	**63S4**	10	653
	36	23	37.88	4110	4.8	**WA**	**37**	**DR**	**63S4**	10	655
	40	24	34.52	4110	3.8	**WAF**	**37**	**DR**	**63S4**	10	653
	44	22	31.67	4120	4.1						
	12	40	75.00*	3000	1.75	**W**	**30**	**DR**	**63M6**	9.0	649
	15	38	60.00*	3000	1.85	**WF**	**30**	**DR**	**63M6**	9.4	650
	28	25	32.50*	3000	2.8	**WA**	**30**	**DR**	**63M6**	8.8	651
	33	24	27.50*	3000	3.0	**WAF**	**30**	**DR**	**63M6**	9.1	650
	18	28	75.00*	3000	2.5						
	23	26	60.00*	3000	2.7	**W**	**30**	**DR**	**63S4**	9.0	649
	29	22	48.00*	3000	3.1	**WF**	**30**	**DR**	**63S4**	9.4	650
	35	20	39.00*	3000	3.4	**WA**	**30**	**DR**	**63S4**	8.8	651
	42	17	32.50*	3000	4.1	**WAF**	**30**	**DR**	**63S4**	9.1	650
	12	36	75.00*	2200	1.10	**W**	**20**	**DR**	**63M6**	6.6	646
	15	32	60.00*	2200	1.25	**WF**	**20**	**DR**	**63M6**	6.8	647
	28	27	32.50*	2200	1.50	**WA**	**20**	**DR**	**63M6**	6.3	648
	33	22	27.50*	2200	1.80	**WAF**	**20**	**DR**	**63M6**	6.3	647
	18	25	75.00*	2200	1.60						
	23	22	60.00*	2200	1.80						
	29	20	48.00*	2200	1.95						
	35	18	39.00*	2200	2.2						
	42	18	32.50*	2200	2.2						
	50	15	27.50*	2200	2.6	**W**	**20**	**DR**	**63S4**	6.6	646
	56	14	24.50*	2200	2.9	**WF**	**20**	**DR**	**63S4**	6.8	647
	71	12	19.50*	2200	2.9	**WA**	**20**	**DR**	**63S4**	6.3	648
	84	10	16.50*	2200	2.9	**WAF**	**20**	**DR**	**63S4**	6.3	647
	96	9.5	14.33	2200	3.2						
	135	7.2	10.25*	2140	3.5						
	168	5.9	8.20*	1990	3.4						
	210	4.9	6.57	1890	4.1						



W..DRS
W..DRS [kW]

P_m [kW]	n_a [1/min]	M_a [Nm]	i	F_{Ra} [1)] [N]	SEW f_B					m [kg]	
0.12	**17**	26	75.00*	1800	0.95						
	22	23	60.00*	1800	1.05						
	27	21	48.00*	1800	1.15						
	33	20	39.00*	1800	1.30						
	40	18	32.50*	1800	1.40						
	47	16	27.50*	1800	1.55	**W**	**10**	**DT**	**56L4**	5.3	643
	53	15	24.50*	1800	1.70	**WF**	**10**	**DT**	**56L4**	5.5	644
	67	13	19.50*	1800	2.00	**WA**	**10**	**DT**	**56L4**	5.3	645
	79	11	16.50*	1800	1.80	**WAF**	**10**	**DT**	**56L4**	5.5	644
	91	10	14.33	1800	2.2						
	127	7.7	10.25*	1800	1.70						
	159	6.3	8.20*	1800	1.90						
	198	5.3	6.57	1800	2.3						
0.18	**4.2**	225	318	6080	0.80						
	4.9	193	270	6320	0.95						
	5.6	178	237	6420	1.00						
	6.3	156	210	6560	1.15						
	7.2	135	183	6680	1.35						
	8.3	122	159	6760	1.50	**W**	**47R17**	**DR**	**63M4**	18	661
	9.3	108	141	6840	1.65	**WF**	**47R17**	**DR**	**63M4**	19	661
	11	114	124	6900	1.40	**WA**	**47R17**	**DR**	**63M4**	17	661
	11	93	120	6930	1.95	**WAF**	**47R17**	**DR**	**63M4**	18	661
	13	96	105	6990	1.65						
	14	90	95	7020	1.75						
	16	79	85	7070	2.0						
	17	74	77	7090	2.2						
	18	67	72	7120	2.4						
	6.4	134	207	580	0.80						
	7.2	121	184	2620	0.90						
	8.2	110	160	3320	1.00						
	9.3	99	141	3500	1.10						
	11	88	125	3630	1.25	**W**	**37R17**	**DR**	**63M4**	13	661
	12	79	109	3740	1.40	**WF**	**37R17**	**DR**	**63M4**	13	661
	14	71	96	3820	1.55	**WA**	**37R17**	**DR**	**63M4**	13	661
	16	61	82	3910	1.80	**WAF**	**37R17**	**DR**	**63M4**	13	661
	18	64	73	3890	1.40						
	21	56	63	3940	1.60						
	25	48	53	4000	1.85						
	27	44	48	4020	2.0						
	18	69	74.98	7060	2.6						
	19	64	68.93	7090	2.8						
	22	56	58.98	7130	3.2	**W**	**47**	**DR**	**63M4**	16	658
	26	49	51.12	7170	3.7	**WF**	**47**	**DR**	**63M4**	16	659
	28	46	47.78	7180	3.9	**WA**	**47**	**DR**	**63M4**	14	660
	32	40	41.30	7210	4.5	**WAF**	**47**	**DR**	**63M4**	15	659
	42	34	31.62	7030	4.6						
	19	60	69.05	3920	1.85						
	21	56	63.33	3950	1.95						
	24	49	53.92	4000	2.3						
	28	43	46.49	4030	2.6						
	35	36	37.88	4070	3.1	**W**	**37**	**DR**	**63M4**	10	652
	38	37	34.52	4060	2.4	**WF**	**37**	**DR**	**63M4**	10	653
	42	34	31.67	4070	2.6	**WA**	**37**	**DR**	**63M4**	10	655
	48	27	27.78	4100	4.1	**WAF**	**37**	**DR**	**63M4**	10	653
	49	29	26.96	4090	3.1						
	57	26	23.25	4100	3.5						
	62	21	21.33	4120	5.2						
	70	21	18.94	4120	4.3						
	12	62	75.00*	3000	1.15	**W**	**30**	**DR**	**63L6**	9.8	649
	14	58	60.00*	3000	1.20	**WF**	**30**	**DR**	**63L6**	10	650
	27	39	32.50*	3000	1.80	**WA**	**30**	**DR**	**63L6**	9.5	651
	32	36	27.50*	3000	1.90	**WAF**	**30**	**DR**	**63L6**	9.8	650

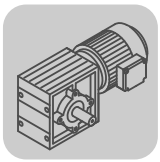
P_m [kW]	n_a [1/min]	M_a [Nm]	i	F_{Ra} [1)] [N]	SEW f_B					m [kg]	
0.18	**18**	44	75.00*	3000	1.60						
	22	40	60.00*	3000	1.75						
	28	35	48.00*	3000	2.00						
	34	32	39.00*	3000	2.2						
	41	27	32.50*	3000	2.6						
	48	25	27.50*	3000	2.8	**W**	**30**	**DR**	**63M4**	9.0	649
	54	23	24.50*	3000	3.0	**WF**	**30**	**DR**	**63M4**	9.4	650
	68	20	19.50*	3000	3.6	**WA**	**30**	**DR**	**63M4**	8.8	651
	81	17	16.33	3000	3.6	**WAF**	**30**	**DR**	**63M4**	9.1	650
	92	15	14.33	3000	3.9						
	129	12	10.25*	3000	4.3						
	161	9.5	8.20*	3000	4.2						
	201	7.9	6.57	2950	5.1						
	111	12	24.50*	3000	5.9						
	139	9.9	19.50*	3000	7.1	**W**	**30**	**DR**	**63S2**	9.0	649
	167	8.5	16.33	3000	7.1	**WF**	**30**	**DR**	**63S2**	9.4	650
	190	7.7	14.33	3000	7.8	**WA**	**30**	**DR**	**63S2**	8.8	651
	265	5.7	10.25*	2710	8.8	**WAF**	**30**	**DR**	**63S2**	9.1	650
	332	4.7	8.20*	2520	8.5						
						W	**20**	**DR**	**63L6**	7.3	646
	14	49	60.00*	2200	0.80	**WF**	**20**	**DR**	**63L6**	7.4	647
	32	35	27.50*	2200	1.15	**WA**	**20**	**DR**	**63L6**	7.0	648
	45	27	19.50*	2200	1.30	**WAF**	**20**	**DR**	**63L6**	7.0	647
	18	39	75.00*	2200	1.00						
	22	34	60.00*	2200	1.15						
	28	32	48.00*	2200	1.25						
	34	29	39.00*	2200	1.40						
	41	28	32.50*	2200	1.40						
	48	24	27.50*	2200	1.70	**W**	**20**	**DR**	**63M4**	6.6	646
	54	22	24.50*	2200	1.85	**WF**	**20**	**DR**	**63M4**	6.8	647
	68	19	19.50*	2200	1.90	**WA**	**20**	**DR**	**63M4**	6.3	648
	80	16	16.50*	2200	1.85	**WAF**	**20**	**DR**	**63M4**	6.3	647
	92	15	14.33	2200	2.0						
	129	11	10.25*	2110	2.2						
	161	9.2	8.20*	1970	2.2						
	201	7.7	6.57	1890	2.6						
	111	11	24.50*	2200	3.6						
	139	9.4	19.50*	2070	3.7	**W**	**20**	**DR**	**63S2**	6.6	646
	165	8.2	16.50*	1970	3.7	**WF**	**20**	**DR**	**63S2**	6.8	647
	190	7.5	14.33	1890	4.0	**WA**	**20**	**DR**	**63S2**	6.3	648
	265	5.6	10.25*	1710	4.5	**WAF**	**20**	**DR**	**63S2**	6.3	647
	332	4.6	8.20*	1590	4.4						
0.25	**7.1**	196	183	6300	0.90						
	8.2	175	159	6430	1.05						
	9.2	157	141	6550	1.15						
	11	164	124	6630	0.95	**W**	**47R17**	**DR**	**63L4**	19	661
	11	134	120	6690	1.35	**WF**	**47R17**	**DR**	**63L4**	20	661
	12	139	105	6760	1.15	**WA**	**47R17**	**DR**	**63L4**	18	661
	14	129	95	6820	1.25	**WAF**	**47R17**	**DR**	**63L4**	18	661
	15	114	85	6900	1.40						
	17	106	77	6940	1.50						
	18	97	72	6980	1.65						
	10	128	125	1880	0.85						
	12	114	109	3220	0.95						
	14	102	96	3450	1.10	**W**	**37R17**	**DR**	**63L4**	14	661
	16	88	82	3640	1.25	**WF**	**37R17**	**DR**	**63L4**	14	661
	18	92	73	3580	0.95	**WA**	**37R17**	**DR**	**63L4**	14	661
	21	82	63	3720	1.10	**WAF**	**37R17**	**DR**	**63L4**	14	661
	24	70	53	3840	1.30						
	27	64	48	3880	1.40						
						W	**47**	**DRS**	**71S6**	18	658
	12	135	74.98	6680	1.35	**WF**	**47**	**DRS**	**71S6**	19	659
	13	125	68.93	6740	1.45	**WA**	**47**	**DRS**	**71S6**	17	660
						WAF	**47**	**DRS**	**71S6**	17	659
	17	97	74.98	6910	1.85	**W**	**47**	**DR**	**63L4**	16	658
	19	90	68.93	6950	2.0	**WF**	**47**	**DR**	**63L4**	17	659
	22	78	58.98	7010	2.3	**WA**	**47**	**DR**	**63L4**	15	660
	25	69	51.12	7060	2.6	**WAF**	**47**	**DR**	**63L4**	16	659
	27	65	47.78	7080	2.8						



W..DRS
W..DRS [kW]

P_m [kW]	n_a [1/min]	M_a [Nm]	i	F_{Ra} [1)] [N]	SEW f_B					m [kg]	
0.25	**19**	85	69.05	3680	1.30						
	21	79	63.33	3750	1.40						
	24	68	53.92	3850	1.60						
	28	60	46.49	3920	1.85						
	34	50	37.88	3990	2.2						
	38	52	34.52	3980	1.75						
	41	48	31.67	4000	1.90						
	47	38	27.78	4060	2.9	**W**	**37**	**DR**	**63L4**	11	652
	48	41	26.96	4040	2.2	**WF**	**37**	**DR**	**63L4**	11	653
	56	36	23.25	4060	2.5	**WA**	**37**	**DR**	**63L4**	11	655
	61	30	21.33	4090	3.7	**WAF**	**37**	**DR**	**63L4**	11	653
	69	30	18.94	4090	3.0						
	83	25	15.67	4110	3.6						
	94	22	13.89	4110	4.0						
	102	21	12.70	4120	3.3						
	112	20	11.65	4120	3.6						
	122	17	10.67	3910	5.2						
	131	17	9.92	3920	4.2						
	12	84	75.00*	3000	0.85						
	15	78	60.00*	3000	0.90	**W**	**30**	**DRS**	**71S6**	12	649
	28	53	32.50*	3000	1.35	**WF**	**30**	**DRS**	**71S6**	12	650
	37	46	24.50*	3000	1.50	**WA**	**30**	**DRS**	**71S6**	11	651
	46	39	19.50*	3000	1.80	**WAF**	**30**	**DRS**	**71S6**	12	650
	17	62	75.00*	3000	1.15						
	22	57	60.00*	3000	1.25						
	27	50	48.00*	3000	1.40						
	33	45	39.00*	3000	1.55						
	40	38	32.50*	3000	1.85						
	47	35	27.50*	3000	2.00	**W**	**30**	**DR**	**63L4**	9.8	649
	53	33	24.50*	3000	2.1	**WF**	**30**	**DR**	**63L4**	10	650
	67	28	19.50*	3000	2.5	**WA**	**30**	**DR**	**63L4**	9.5	651
	80	24	16.33	3000	2.5	**WAF**	**30**	**DR**	**63L4**	9.8	650
	91	22	14.33	3000	2.8						
	127	16	10.25*	3000	3.1						
	159	13	8.20*	3000	3.0						
	198	11	6.57	2940	3.6						
	109	17	24.50*	3000	4.2						
	136	14	19.50*	3000	5.0	**W**	**30**	**DR**	**63M2**	9.0	649
	163	12	16.33	3000	5.0	**WF**	**30**	**DR**	**63M2**	9.4	650
	186	11	14.33	3000	5.5	**WA**	**30**	**DR**	**63M2**	8.8	651
	260	8.1	10.25*	2700	6.2	**WAF**	**30**	**DR**	**63M2**	9.1	650
	324	6.6	8.20*	2520	6.1						
	33	47	27.50*	2200	0.85						
	37	43	24.50*	2200	0.95						
	46	37	19.50*	2200	0.95	**W**	**20**	**DRS**	**71S6**	9.1	646
	62	30	14.33	2200	1.00	**WF**	**20**	**DRS**	**71S6**	9.2	647
	87	22	10.25*	2200	1.10	**WA**	**20**	**DRS**	**71S6**	8.8	648
	109	19	8.20*	2190	1.10	**WAF**	**20**	**DRS**	**71S6**	8.8	647
	136	16	6.57	2090	1.30						
	22	48	60.00*	2200	0.85						
	27	44	48.00*	2200	0.90						
	33	41	39.00*	2200	1.00						
	40	40	32.50*	2200	1.00						
	47	34	27.50*	2200	1.20	**W**	**20**	**DR**	**63L4**	7.3	646
	53	30	24.50*	2200	1.30	**WF**	**20**	**DR**	**63L4**	7.4	647
	67	26	19.50*	2200	1.35	**WA**	**20**	**DR**	**63L4**	7.0	648
	79	23	16.50*	2200	1.30	**WAF**	**20**	**DR**	**63L4**	7.0	647
	91	21	14.33	2200	1.45						
	127	16	10.25*	2050	1.60						
	159	13	8.20*	1920	1.55						
	198	11	6.57	1860	1.85						
	82	21	32.50*	2200	1.95						
	97	17	27.50*	2200	2.3						
	109	16	24.50*	2150	2.6	**W**	**20**	**DR**	**63M2**	6.6	646
	136	13	19.50*	2020	2.6	**WF**	**20**	**DR**	**63M2**	6.8	647
	161	12	16.50*	1930	2.6	**WA**	**20**	**DR**	**63M2**	6.3	648
	186	11	14.33	1860	2.8	**WAF**	**20**	**DR**	**63M2**	6.3	647
	260	7.9	10.25*	1680	3.2						
	324	6.5	8.20*	1570	3.1						

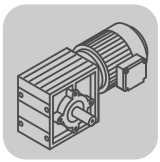
P_m [kW]	n_a [1/min]	M_a [Nm]	i	F_{Ra} [1)] [N]	SEW f_B					m [kg]	
0.37	**9.8**	220	141	6110	0.80						
	11	192	120	6320	0.95	**W**	**47R17**	**DRS**	**71S4**	21	661
	13	198	105	6430	0.80	**WF**	**47R17**	**DRS**	**71S4**	21	661
	15	183	95	6520	0.90	**WA**	**47R17**	**DRS**	**71S4**	19	661
	16	163	85	6640	1.00	**WAF**	**47R17**	**DRS**	**71S4**	20	661
	18	150	77	6710	1.05						
	19	138	72	6770	1.15						
	17	126	82	2020	0.85	**W**	**37R17**	**DRS**	**71S4**	15	661
	26	100	53	3480	0.90	**WF**	**37R17**	**DRS**	**71S4**	15	661
	29	91	48	3600	1.00	**WA**	**37R17**	**DRS**	**71S4**	15	661
						WAF	**37R17**	**DRS**	**71S4**	15	661
	12	198	74.98	6280	0.90	**W**	**47**	**DRS**	**71M6**	19	658
	13	184	68.93	6380	1.00	**WF**	**47**	**DRS**	**71M6**	20	659
	15	160	58.98	6530	1.15	**WA**	**47**	**DRS**	**71M6**	18	660
	18	141	51.12	6650	1.30	**WAF**	**47**	**DRS**	**71M6**	19	659
	19	133	47.78	6700	1.35						
	18	136	74.98	6680	1.30						
	20	126	68.93	6740	1.45						
	23	110	58.98	6830	1.65						
	27	97	51.12	6910	1.85						
	29	91	47.78	6940	2.00						
	33	80	41.30	6950	2.2						
	39	69	35.09	6670	2.6						
	44	68	31.62	6570	2.4						
	44	62	31.33	6470	2.9	**W**	**47**	**DRS**	**71S4**	18	658
	50	59	27.41	6320	2.7	**WF**	**47**	**DRS**	**71S4**	19	659
	52	54	26.76	6210	3.3	**WA**	**47**	**DRS**	**71S4**	17	660
	54	56	25.62	6200	2.9	**WAF**	**47**	**DRS**	**71S4**	17	659
	55	51	25.07	6100	3.6						
	62	48	22.15	5960	3.3						
	73	42	18.82	5690	3.9						
	82	37	16.80	5500	4.3						
	96	32	14.35	5260	5.0						
	112	29	12.30	5120	3.7						
	129	26	10.66	4900	4.3						
	139	24	9.96	4790	4.6						
	22	110	63.33	3310	1.00						
	26	96	53.92	3540	1.15						
	30	84	46.49	3680	1.30						
	36	70	37.88	3830	1.55						
	40	73	34.52	3810	1.25						
	44	67	31.67	3860	1.35						
	50	53	27.78	3970	2.1						
	51	58	26.96	3930	1.55	**W**	**37**	**DRS**	**71S4**	13	652
	59	50	23.25	3990	1.80	**WF**	**37**	**DRS**	**71S4**	13	653
	65	42	21.33	4040	2.6	**WA**	**37**	**DRS**	**71S4**	13	655
	73	42	18.94	4040	2.2	**WAF**	**37**	**DRS**	**71S4**	13	653
	88	35	15.67	4070	2.6						
	99	31	13.89	4030	2.9						
	109	30	12.70	4090	2.3						
	118	27	11.65	3990	2.6						
	129	24	10.67	3740	3.7						
	139	23	9.92	3800	3.0						
	161	20	8.55	3630	3.5						
	18	86	75.00*	3000	0.80						
	23	80	60.00*	3000	0.90						
	29	69	48.00*	3000	1.00						
	35	63	39.00*	3000	1.10						
	42	53	32.50*	3000	1.30						
	50	49	27.50*	3000	1.40	**W**	**30**	**DRS**	**71S4**	12	649
	56	46	24.50*	3000	1.55	**WF**	**30**	**DRS**	**71S4**	12	650
	71	39	19.50*	3000	1.80	**WA**	**30**	**DRS**	**71S4**	11	651
	84	33	16.33	3000	1.80	**WAF**	**30**	**DRS**	**71S4**	12	650
	96	30	14.33	3000	2.00						
	135	23	10.25*	3000	2.2						
	168	19	8.20*	3000	2.1						
	210	16	6.57	2870	2.6						



W..DRS
W..DRS [kW]

P_m [kW]	n_a [1/min]	M_a [Nm]	i	F_{Ra} [1)] [N]	SEW f_B					m [kg]	
0.37	**108**	25	24.50*	3000	2.8						
	136	21	19.50*	3000	3.4	**W**	**30**	**DR**	**63L2**	9.8	649
	162	18	16.33	3000	3.4	**WF**	**30**	**DR**	**63L2**	10	650
	185	16	14.33	2940	3.7	**WA**	**30**	**DR**	**63L2**	9.5	651
	259	12	10.25*	2660	4.1	**WAF**	**30**	**DR**	**63L2**	9.8	650
	323	9.9	8.20*	2480	4.0						
	50	47	27.50*	2200	0.85						
	56	43	24.50*	2200	0.95						
	71	37	19.50*	2200	0.95	**W**	**20**	**DRS**	**71S4**	9.1	646
	84	32	16.50*	2180	0.95	**WF**	**20**	**DRS**	**71S4**	9.2	647
	96	29	14.33	2130	1.00	**WA**	**20**	**DRS**	**71S4**	8.8	648
	135	22	10.25*	1970	1.15	**WAF**	**20**	**DRS**	**71S4**	8.8	647
	168	18	8.20*	1020	1.10						
	210	15	6.57	1510	1.30						
	108	23	24.50*	2020	1.70						
	136	20	19.50*	1920	1.75	**W**	**20**	**DR**	**63L2**	7.3	646
	161	17	16.50*	1840	1.75	**WF**	**20**	**DR**	**63L2**	7.4	647
	185	16	14.33	1780	1.90	**WA**	**20**	**DR**	**63L2**	7.0	648
	259	12	10.25*	1620	2.1	**WAF**	**20**	**DR**	**63L2**	7.0	647
	323	9.6	8.20*	1530	2.1						
0.55	**18**	205	51.12	6220	0.85						
	19	195	47.78	6300	0.90						
	22	172	41.30	6460	1.05	**W**	**47**	**DRS**	**80S6**	22	658
	26	148	35.09	6600	1.20	**WF**	**47**	**DRS**	**80S6**	22	659
	29	149	31.62	6710	1.05	**WA**	**47**	**DRS**	**80S6**	20	660
	29	134	31.33	6630	1.35	**WAF**	**47**	**DRS**	**80S6**	21	659
	33	130	27.41	6590	1.25						
	36	122	25.62	6500	1.30						
	18	200	74.98	6250	0.90						
	20	188	68.93	6350	0.95						
	23	163	58.98	6510	1.10						
	27	144	51.12	6630	1.25						
	29	135	47.78	6640	1.35	**W**	**47**	**DRS**	**71M4**	19	658
	33	119	41.30	6460	1.50	**WF**	**47**	**DRS**	**71M4**	20	659
	39	102	35.09	6240	1.75	**WA**	**47**	**DRS**	**71M4**	18	660
	44	101	31.62	6220	1.60	**WAF**	**47**	**DRS**	**71M4**	19	659
	44	92	31.33	6090	1.95						
	50	88	27.41	6010	1.80						
	54	83	25.62	5920	1.95						
	36	104	37.88	3410	1.05						
	44	100	31.67	3480	0.90						
	50	79	27.78	3740	1.40						
	51	86	26.96	3660	1.05						
	59	75	23.25	3790	1.20						
	65	62	21.33	3900	1.75						
	73	62	18.94	3900	1.45						
	88	52	15.67	3940	1.75	**W**	**37**	**DRS**	**71M4**	14	652
	99	46	13.89	3830	1.95	**WF**	**37**	**DRS**	**71M4**	14	653
	109	44	12.70	3990	1.60	**WA**	**37**	**DRS**	**71M4**	14	655
	118	41	11.65	3900	1.70	**WAF**	**37**	**DRS**	**71M4**	14	653
	129	36	10.67	3590	2.5						
	139	35	9.92	3720	2.0						
	161	30	8.55	3560	2.3						
	198	24	6.97	3350	2.9						
	239	20	5.77	3160	3.4						
	270	18	5.11	3050	3.9						
	352	14	3.93	2810	5.0						
	42	79	32.50*	3000	0.90						
	50	73	27.50*	3000	0.95						
	56	68	24.50*	3000	1.05	**W**	**30**	**DRS**	**71M4**	13	649
	84	50	16.33	3000	1.20	**WF**	**30**	**DRS**	**71M4**	13	650
	96	45	14.33	3000	1.35	**WA**	**30**	**DRS**	**71M4**	13	651
	135	34	10.25*	3000	1.45	**WAF**	**30**	**DRS**	**71M4**	13	650
	168	28	8.20*	2980	1.45						
	210	23	6.57	2800	1.70						

P_m [kW]	n_a [1/min]	M_a [Nm]	i	F_{Ra} [1)] [N]	SEW f_B					m [kg]	
0.55	**115**	35	24.50*	3000	2.0						
	144	29	19.50*	3000	2.4	**W**	**30**	**DRS**	**71M2**	13	649
	172	25	16.33	2940	2.4	**WF**	**30**	**DRS**	**71M2**	13	650
	196	23	14.33	2840	2.6	**WA**	**30**	**DRS**	**71M2**	13	651
	274	17	10.25*	2650	2.9	**WAF**	**30**	**DRS**	**71M2**	13	650
	343	14	8.20*	2420	2.9						
0.75	**24**	220	58.98	6130	0.80						
	27	194	51.12	6060	0.95						
	29	182	47.78	6010	1.00						
	34	160	41.30	5900	1.15						
	40	138	35.09	5760	1.30						
	44	136	31.62	5820	1.20	**W**	**47**	**DRS**	**80S4**	22	658
	45	124	31.33	5650	1.45	**WF**	**47**	**DRS**	**80S4**	22	659
	51	118	27.41	5660	1.35	**WA**	**47**	**DRS**	**80S4**	20	660
	52	108	26.76	5490	1.65	**WAF**	**47**	**DRS**	**80S4**	21	659
	55	111	25.62	5580	1.45						
	56	102	25.07	5420	1.75						
	63	97	22.15	5410	1.65						
	74	83	18.82	5220	1.95						
	114	59	12.30	4890	1.85						
	45	119	31.33	2820	0.95						
	50	107	27.78	3380	1.05						
	60	101	23.25	3470	0.90						
	66	84	21.33	3690	1.30						
	74	83	18.94	3700	1.10						
	89	69	15.67	3690	1.30						
	101	62	13.89	3610	1.45	**W**	**37**	**DRS**	**80S4**	16	652
	131	48	10.67	3420	1.85	**WF**	**37**	**DRS**	**80S4**	16	653
	141	47	9.92	3620	1.50	**WA**	**37**	**DRS**	**80S4**	16	655
	164	40	8.55	3470	1.75	**WAF**	**37**	**DRS**	**80S4**	16	653
	201	33	6.97	3280	2.1						
	243	27	5.77	3100	2.6						
	274	24	5.11	2990	2.9						
	357	19	3.93	2760	3.7						
	438	15	3.20*	2600	4.6						
	86	67	16.33	3000	0.90						
	98	61	14.33	3000	1.00	**W**	**30**	**DRS**	**80S4**	15	649
	137	46	10.25*	3000	1.10	**WF**	**30**	**DRS**	**80S4**	15	650
	171	37	8.20*	2870	1.05	**WA**	**30**	**DRS**	**80S4**	15	651
	213	31	6.57	2720	1.25	**WAF**	**30**	**DRS**	**80S4**	15	650
	114	48	24.50*	3000	1.45						
	171	34	16.33	2840	1.75	**W**	**30**	**DRS**	**80S2**	15	649
	195	31	14.33	2750	1.95	**WF**	**30**	**DRS**	**80S2**	15	650
	273	23	10.25*	2620	2.2	**WA**	**30**	**DRS**	**80S2**	15	651
	341	19	8.20*	2380	2.1	**WAF**	**30**	**DRS**	**80S2**	15	650
1.1	**40**	200	35.09	4940	0.90						
	45	198	31.62	5140	0.80						
	45	181	31.33	4920	1.00						
	51	173	27.41	5070	0.95						
	53	157	26.76	4850	1.15						
	55	162	25.62	5030	1.00						
	56	148	25.07	4820	1.20	**W**	**47**	**DRS**	**80M4**	24	658
	64	141	22.15	4930	1.15	**WF**	**47**	**DRS**	**80M4**	25	659
	75	121	18.82	4810	1.30	**WA**	**47**	**DRS**	**80M4**	23	660
	84	108	16.80	4710	1.45	**WAF**	**47**	**DRS**	**80M4**	24	659
	98	93	14.35	4570	1.70						
	105	88	13.44	4510	1.80						
	115	86	12.30	4700	1.30						
	132	74	10.66	4530	1.50						
	142	70	9.96	4450	1.60						
	164	60	8.61	4280	1.80						

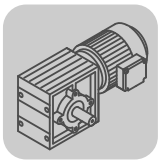


W..DRS
W..DRS [kW]

P_m [kW]	n_a [1/min]	M_a [Nm]	i	F_{Ra} [1)] [N]	SEW f_B					m [kg]	
1.1	**90**	101	15.67	3280	0.90						
	102	90	13.89	3240	1.00						
	132	70	10.67	3120	1.30						
	142	68	9.92	3460	1.05	**W**	**37**	**DRS**	**80M4**	19	652
	165	59	8.55	3340	1.20	**WF**	**37**	**DRS**	**80M4**	19	653
	202	48	6.97	3160	1.45	**WA**	**37**	**DRS**	**80M4**	19	655
	245	40	5.77	3010	1.75	**WAF**	**37**	**DRS**	**80M4**	19	653
	276	35	5.11	2910	2.00						
	359	27	3.93	2700	2.6						
	441	22	3.20*	2540	3.1						
	174	50	16.33	2660	1.20	**W**	**30**	**DRS**	**80M2**	18	649
	198	45	14.33	2590	1.35	**WF**	**30**	**DRS**	**80M2**	18	650
	277	34	10.25*	2540	1.50	**WA**	**30**	**DRS**	**80M2**	17	651
	346	27	8.20*	2290	1.45	**WAF**	**30**	**DRS**	**80M2**	18	650
1.5	**52**	215	26.76	4130	0.85						
	56	200	25.07	4140	0.90						
	63	194	22.15	4400	0.80						
	74	166	18.82	4350	0.95						
	83	150	16.80	4300	1.05						
	97	129	14.35	4220	1.25	**W**	**47**	**DRS**	**90M4**	29	658
	104	121	13.44	4180	1.30	**WF**	**47**	**DRS**	**90M4**	30	659
	123	103	11.32	4070	1.55	**WA**	**47**	**DRS**	**90M4**	28	660
	131	102	10.66	4360	1.05	**WAF**	**47**	**DRS**	**90M4**	29	659
	140	96	9.96	4290	1.15						
	162	83	8.61	4140	1.30						
	191	71	7.32	3980	1.55						
	214	63	6.53	3860	1.75						
	131	97	10.67	2800	0.95						
	163	81	8.55	3200	0.85						
	200	66	6.97	3050	1.05	**W**	**37**	**DRS**	**90M4**	23	652
	242	55	5.77	2920	1.30	**WF**	**37**	**DRS**	**90M4**	23	653
	273	49	5.11	2830	1.45	**WA**	**37**	**DRS**	**90M4**	23	655
	355	38	3.93	2640	1.85	**WAF**	**37**	**DRS**	**90M4**	23	653
	436	31	3.20*	2490	2.3						
2.2	**98**	188	14.35	3590	0.85						
	104	177	13.44	3580	0.90						
	124	150	11.32	3560	1.05						
	163	121	8.61	3880	0.90						
	191	104	7.32	3750	1.05	**W**	**47**	**DRS**	**90L4**	32	658
	214	93	6.53	3660	1.20	**WF**	**47**	**DRS**	**90L4**	32	659
	251	79	5.58	3530	1.40	**WA**	**47**	**DRS**	**90L4**	30	660
	268	74	5.23	3480	1.50	**WAF**	**47**	**DRS**	**90L4**	31	659
	318	63	4.40	3330	1.75						
	360	56	3.89	3230	2.00						
	429	47	3.27	3090	2.4						
	243	80	5.77	2740	0.90	**W**	**37**	**DRS**	**90L4**	26	652
	274	71	5.11	2670	1.00	**WF**	**37**	**DRS**	**90L4**	26	653
	357	55	3.93	2520	1.30	**WA**	**37**	**DRS**	**90L4**	26	655
	438	45	3.20*	2390	1.55	**WAF**	**37**	**DRS**	**90L4**	26	653
3.0	**214**	126	6.53	3440	0.85						
	251	108	5.58	3340	1.00	**W**	**47**	**DRS**	**100M4**	37	658
	268	101	5.23	3300	1.10	**WF**	**47**	**DRS**	**100M4**	37	659
	318	86	4.40	3180	1.30	**WA**	**47**	**DRS**	**100M4**	35	660
	360	76	3.89	3090	1.45	**WAF**	**47**	**DRS**	**100M4**	36	659
	429	64	3.27	2970	1.70						
4.0	**276**	131	5.23	3050	0.85	**W**	**47**	**DRS**	**100LC4**	42	658
	328	111	4.40	2970	1.00	**WF**	**47**	**DRS**	**100LC4**	42	659
	372	98	3.89	2910	1.10	**WA**	**47**	**DRS**	**100LC4**	40	660
	442	82	3.27	2810	1.35	**WAF**	**47**	**DRS**	**100LC4**	41	659
5.5						**W**	**47**	**DRS**	**132S4**	55	658
	372	135	3.89	2660	0.80	**WF**	**47**	**DRS**	**132S4**	55	659
	442	113	3.27	2600	0.95	**WA**	**47**	**DRS**	**132S4**	53	660
						WAF	**47**	**DRS**	**132S4**	54	659

13.4 W..R..DRS [Nm]

$M_{a\ max}$ [Nm]	n_a [1/min]	i	F_{Ra} 1) [N]					m [kg]	
110	**0.31**	4402	3320						
	0.36	3795	3320						
	0.42	3272	3320						
	0.48	2899	3320						
	0.54	2558	3320						
	0.58	2382	3320	**W**	**37R17**	**DR**	**63S4**	13	661
	0.64	2172	3320	**WF**	**37R17**	**DR**	**63S4**	13	661
	0.71	1952	3320	**WA**	**37R17**	**DR**	**63S4**	13	661
	0.77	1795	3320	**WAF**	**37R17**	**DR**	**63S4**	13	661
	0.87	1593	3320						
	0.94	1463	3320						
	1.1	1298	3320						
	1.8	754	3320						
	2.1	669	3320						
	1.2	1173	3320						
	1.3	1063	3320						
	1.4	956	3320						
	1.6	854	3320						
	2.3	600	3320	**W**	**37R17**	**DR**	**63S4**	13	661
	2.6	532	3320	**WF**	**37R17**	**DR**	**63S4**	13	661
	2.9	472	3320	**WA**	**37R17**	**DR**	**63S4**	13	661
	3.2	434	3320	**WAF**	**37R17**	**DR**	**63S4**	13	661
	3.6	384	3320						
	3.8	359	3320						
	4.2	327	3320						
	4.8	286	3320						
	5.0	267	3320	**W**	**37R17**	**DR**	**63M4**	13	661
	5.7	233	3320	**WF**	**37R17**	**DR**	**63M4**	13	661
	6.4	207	3320	**WA**	**37R17**	**DR**	**63M4**	13	661
	7.2	184	3320	**WAF**	**37R17**	**DR**	**63M4**	13	661
	8.2	160	3320						
				W	**37R17**	**DR**	**63L4**	14	661
	9.2	141	3320	**WF**	**37R17**	**DR**	**63L4**	14	661
	10	125	3320	**WA**	**37R17**	**DR**	**63L4**	14	661
	12	109	3320	**WAF**	**37R17**	**DR**	**63L4**	14	661
				W	**37R17**	**DRS**	**71S4**	15	661
	14	96	3320	**WF**	**37R17**	**DRS**	**71S4**	15	661
	17	82	3320	**WA**	**37R17**	**DRS**	**71S4**	15	661
				WAF	**37R17**	**DRS**	**71S4**	15	661
90				**W**	**37R17**	**DR**	**63L4**	14	661
	18	73	3610	**WF**	**37R17**	**DR**	**63L4**	14	661
				WA	**37R17**	**DR**	**63L4**	14	661
				WAF	**37R17**	**DR**	**63L4**	14	661
				W	**37R17**	**DRS**	**71S4**	15	661
	22	63	3610	**WF**	**37R17**	**DRS**	**71S4**	15	661
	26	53	3610	**WA**	**37R17**	**DRS**	**71S4**	15	661
	29	48	3610	**WAF**	**37R17**	**DRS**	**71S4**	15	661
180	**0.29**	4815	6400						
	0.33	4173	6400						
	0.36	3870	6400						
	0.38	3598	6400						
	0.41	3354	6400						
	0.44	3171	6400						
	0.50	2748	6400						
	0.57	2425	6400	**W**	**47R17**	**DR**	**63S4**	19	661
	0.61	2258	6400	**WF**	**47R17**	**DR**	**63S4**	19	661
	0.65	2111	6400	**WA**	**47R17**	**DR**	**63S4**	17	661
	0.70	1959	6400	**WAF**	**47R17**	**DR**	**63S4**	18	661
	0.77	1797	6400						
	0.87	1595	6400						
	0.93	1486	6400						
	0.95	1448	6400						
	1.2	1170	6400						
	1.8	754	6400						



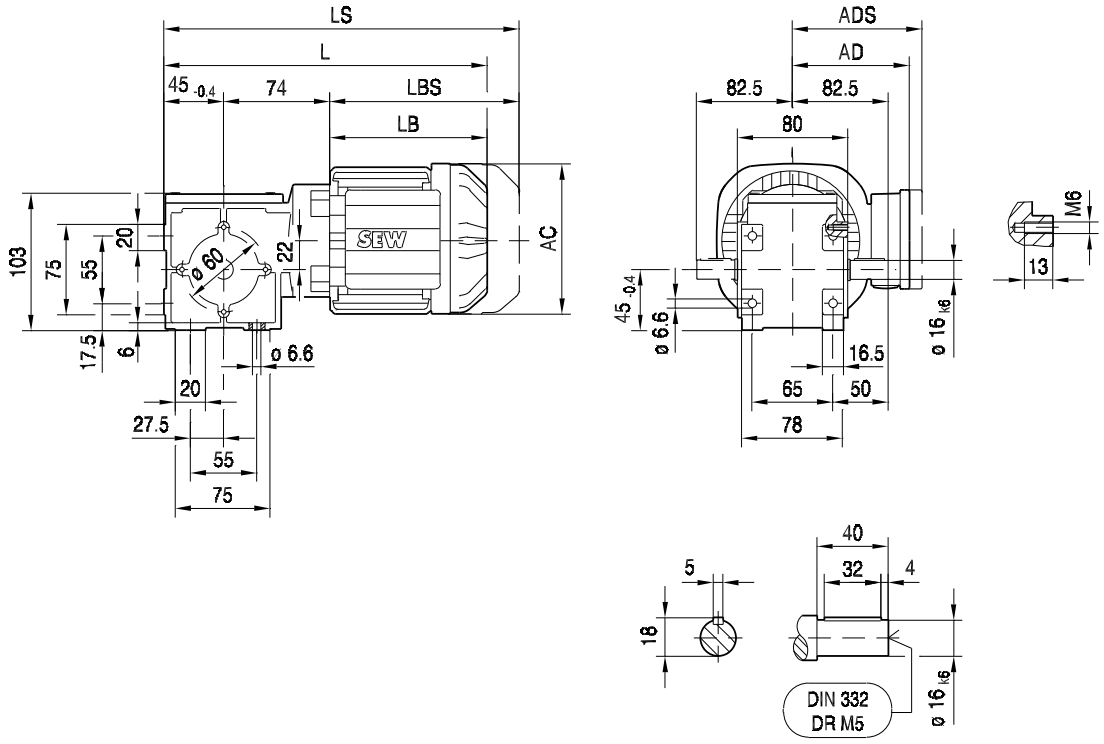
W..DRS
W..R..DRS [Nm]

$M_{a\ max}$ [Nm]	n_a [1/min]	i	F_{Ra} [1)] [N]					m [kg]	
180	**1.1**	1290	6400						
	1.2	1183	6400						
	1.3	1042	6400						
	1.4	956	6400	**W**	**47R17**	**DR**	**63S4**	18	661
	1.6	869	6400	**WF**	**47R17**	**DR**	**63S4**	19	661
	2.1	661	6400	**WA**	**47R17**	**DR**	**63S4**	17	661
	2.3	596	6400	**WAF**	**47R17**	**DR**	**63S4**	18	661
	2.6	536	6400						
	2.9	473	6400						
	3.2	434	6400						
	3.4	386	6400						
	3.7	359	6400	**W**	**47R17**	**DR**	**63M4**	18	661
	4.2	318	6400	**WF**	**47R17**	**DR**	**63M4**	19	661
	4.5	291	6400	**WA**	**47R17**	**DR**	**63M4**	17	661
	4.9	270	6400	**WAF**	**47R17**	**DR**	**63M4**	18	661
	5.0	265	6400						
	5.5	237	6400	**W**	**47R17**	**DR**	**63L4**	19	661
	6.2	210	6400	**WF**	**47R17**	**DR**	**63L4**	20	661
	7.1	183	6400	**WA**	**47R17**	**DR**	**63L4**	18	661
				WAF	**47R17**	**DR**	**63L4**	18	661
				W	**47R17**	**DRS**	**71S4**	21	661
	8.7	159	6400	**WF**	**47R17**	**DRS**	**71S4**	21	661
	9.8	141	6400	**WA**	**47R17**	**DRS**	**71S4**	19	661
				WAF	**47R17**	**DRS**	**71S4**	20	661
160				**W**	**47R17**	**DR**	**63L4**	19	661
	11	124	6650	**WF**	**47R17**	**DR**	**63L4**	20	661
				WA	**47R17**	**DR**	**63L4**	18	661
				WAF	**47R17**	**DR**	**63L4**	18	661
180				**W**	**47R17**	**DRS**	**71S4**	21	661
	11	120	6400	**WF**	**47R17**	**DRS**	**71S4**	21	661
				WA	**47R17**	**DRS**	**71S4**	19	661
				WAF	**47R17**	**DRS**	**71S4**	20	661
160				**W**	**47R17**	**DRS**	**71S4**	21	661
	13	105	6650	**WF**	**47R17**	**DRS**	**71S4**	21	661
	15	95	6650	**WA**	**47R17**	**DRS**	**71S4**	19	661
	16	85	6650	**WAF**	**47R17**	**DRS**	**71S4**	20	661
				W	**47R17**	**DRS**	**71M4**	22	661
	18	77	6650	**WF**	**47R17**	**DRS**	**71M4**	23	661
	19	72	6650	**WA**	**47R17**	**DRS**	**71M4**	21	661
				WAF	**47R17**	**DRS**	**71M4**	22	661

13.5 W..DRS [mm]

W10..

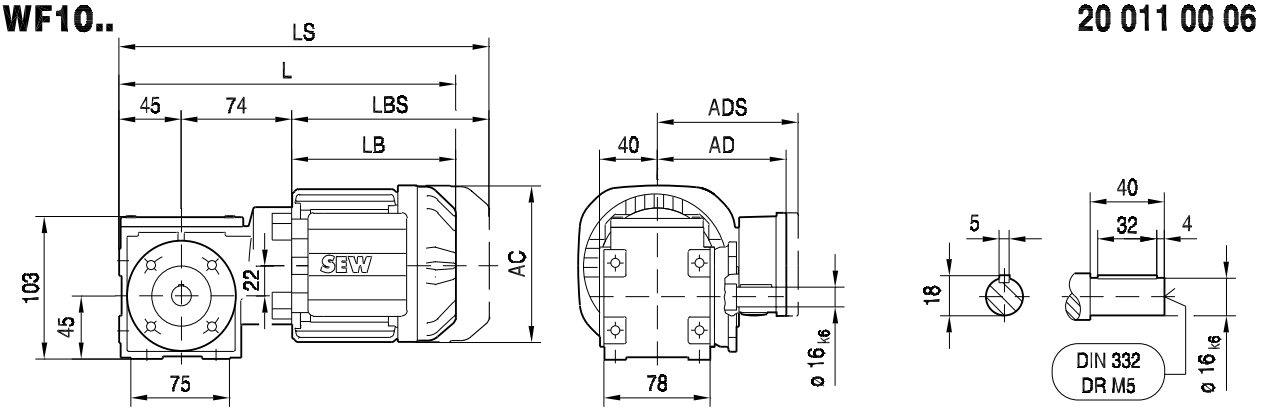
20 010 00 06



(→ 131)	DT56..							
AC	109							
AD	87							
ADS	87							
L	255							
LS	291							
LB	136							
LBS	172							

WF10..

20 011 00 06



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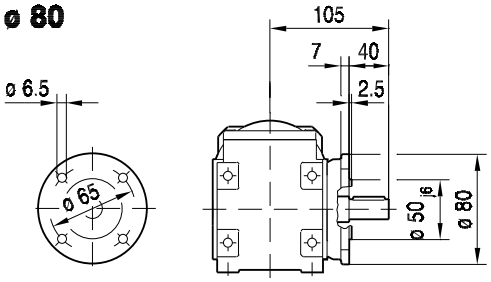

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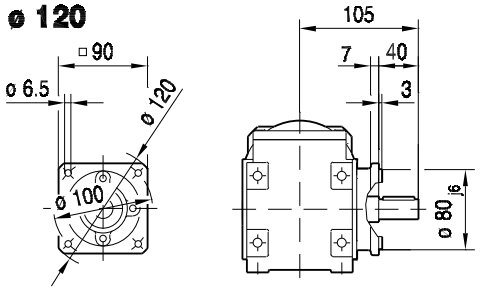
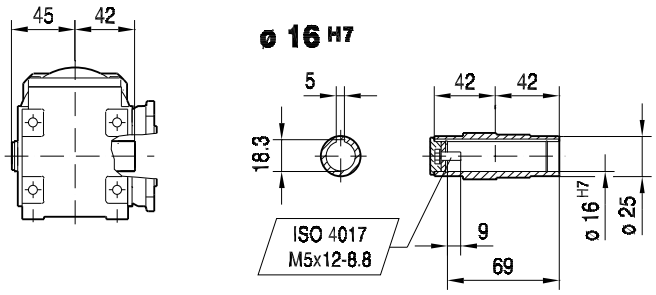


WAF10..



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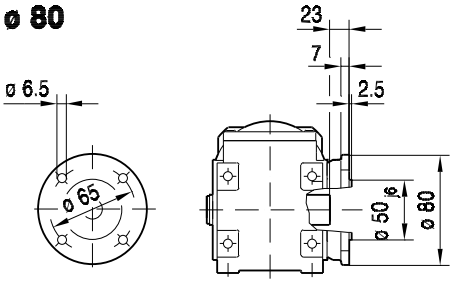

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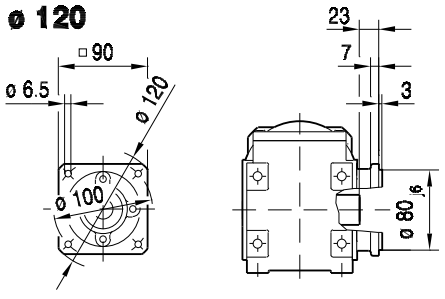
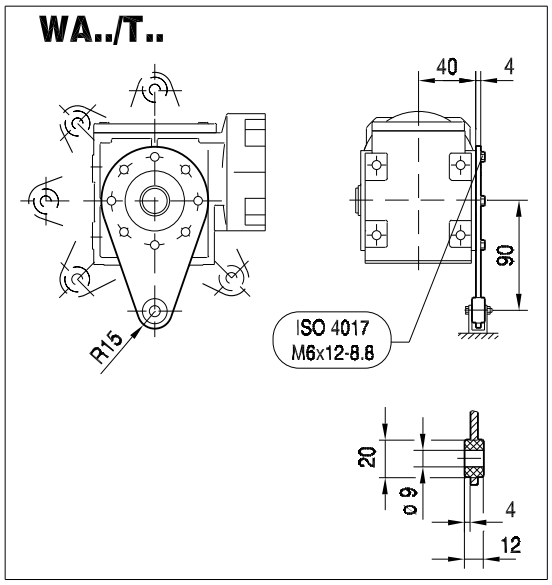
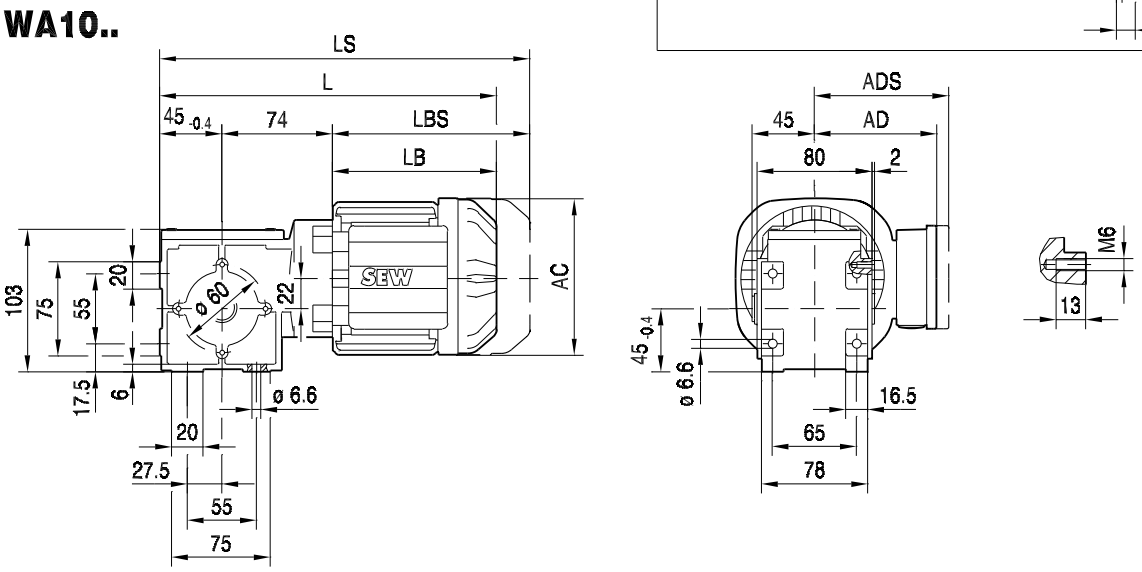
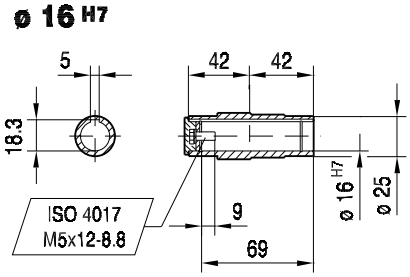


(→ 131)	DT56..							
AC	109							
AD	87							
ADS	87							
L	255							
LS	291							
LB	136							
LBS	172							

20 012 00 06



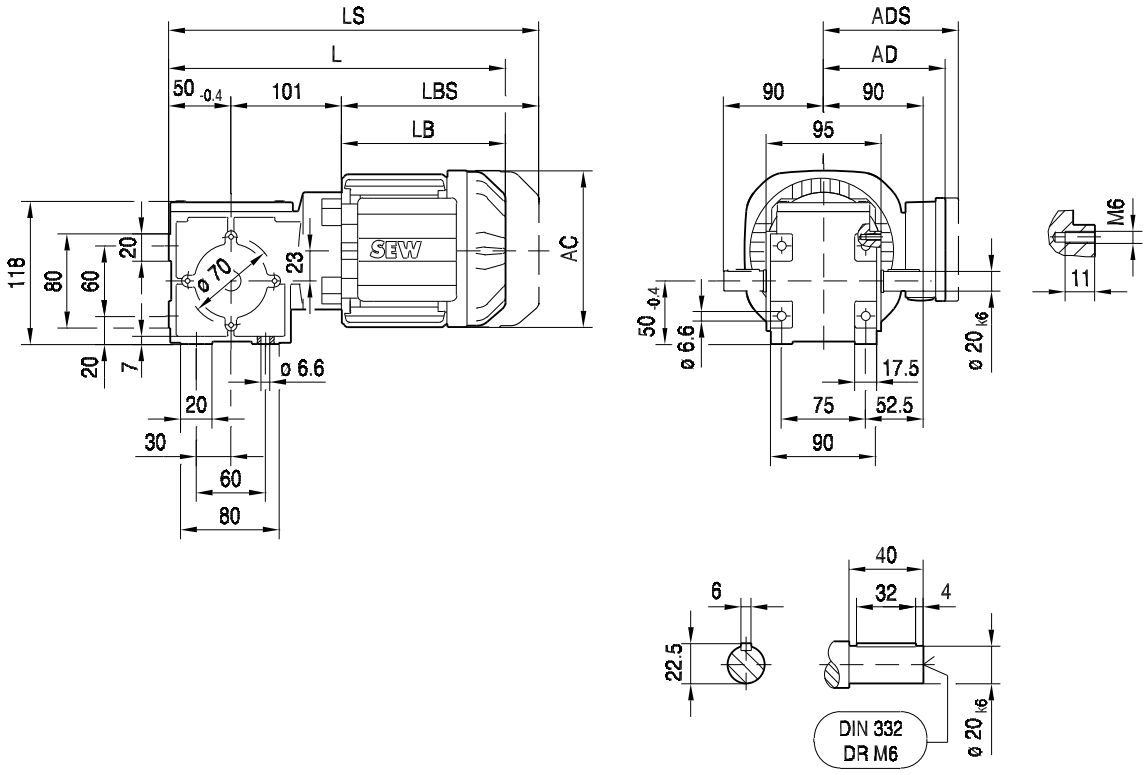




(→ 131)	DT56..							
AC	109							
AD	87							
ADS	87							
L	255							
LS	291							
LB	136							
LBS	172							

20 013 00 06

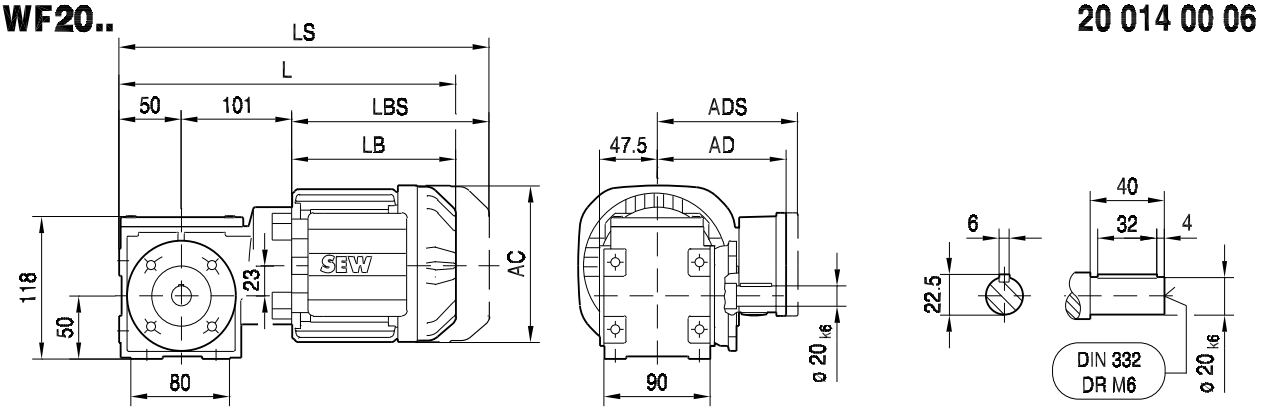
W20..



(→ 131)	DR63..	DR71S						
AC	132	139						
AD	105	119						
ADS	105	129						
L	300	311						
LS	355	379						
LB	149	160						
LBS	204	228						

WF20..

20 014 00 06



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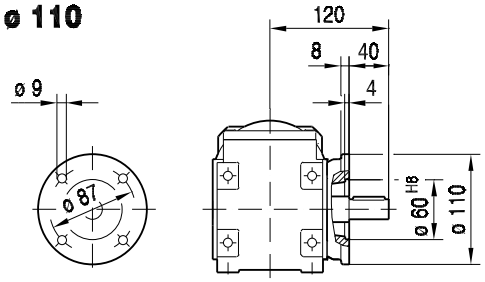
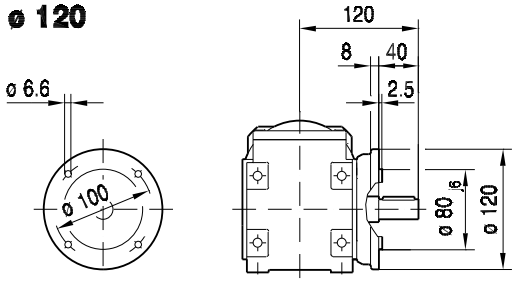
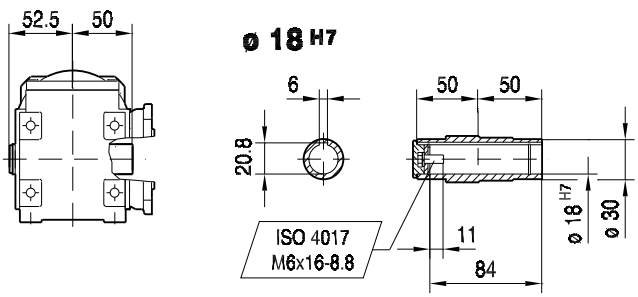


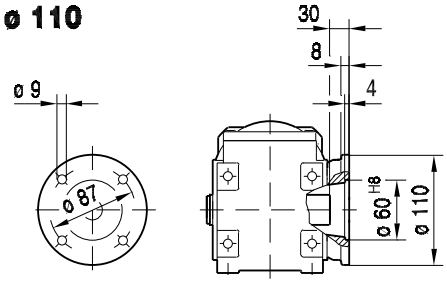
ø 120



WAF20..



ø 110



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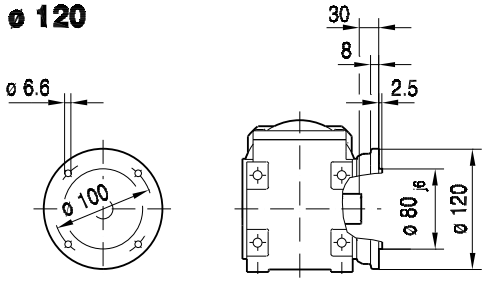
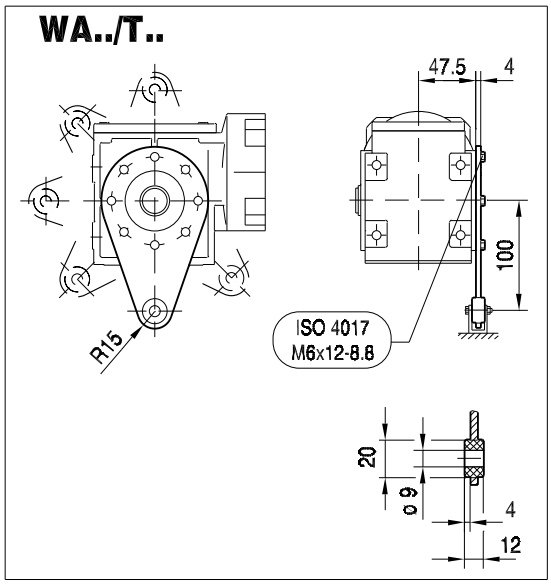
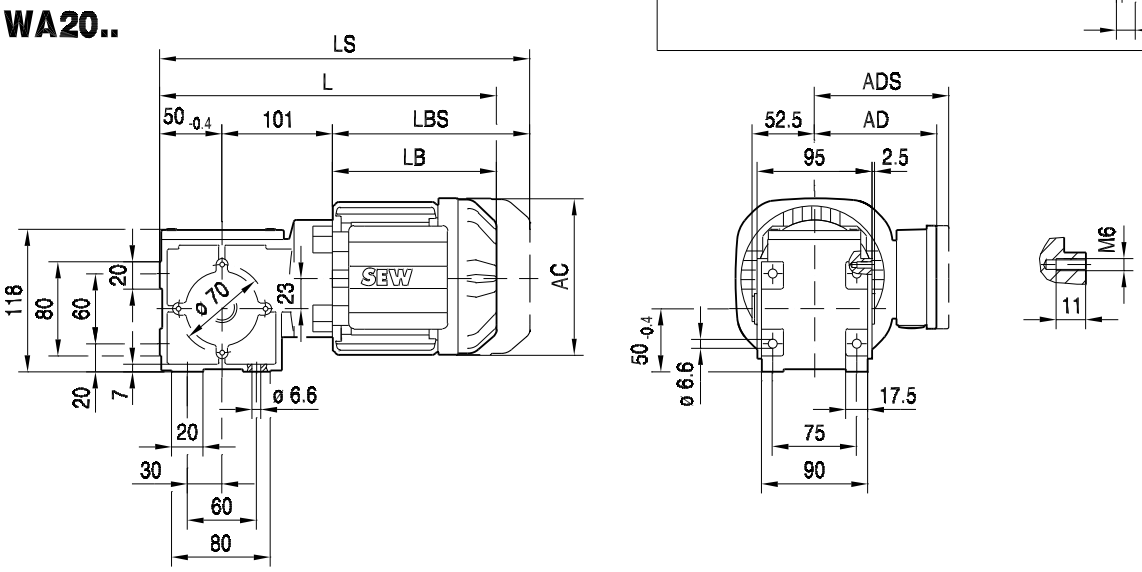
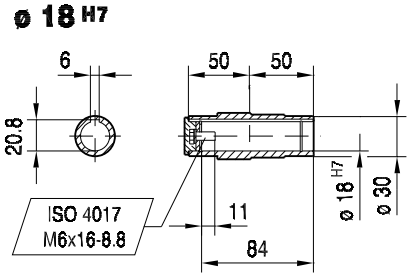


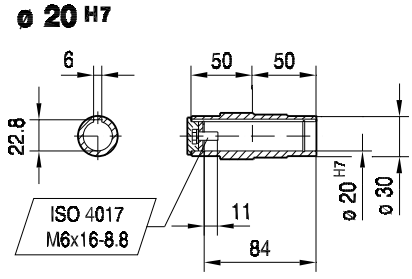
(→ 131)	DR63..	DR71S						
AC	132	139						
AD	105	119						
ADS	105	129						
L	300	311						
LS	355	379						
LB	149	160						
LBS	204	228						

20 015 00 06





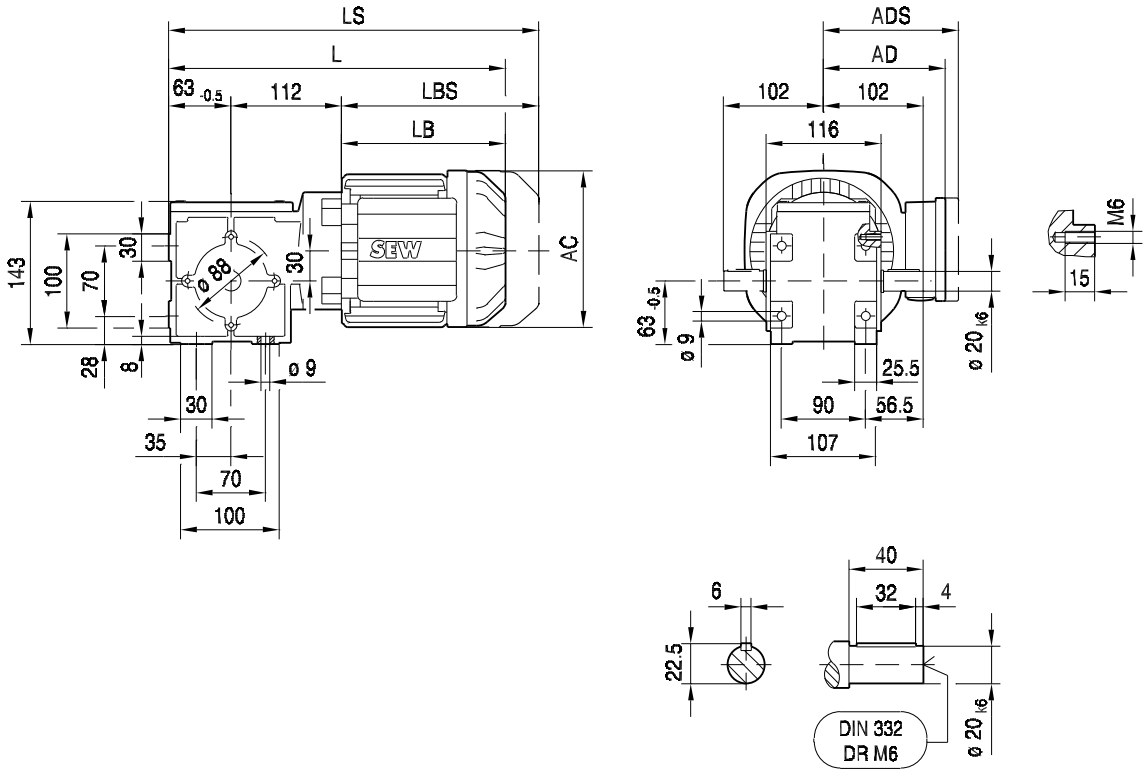




(→ 131)	DR63..	DR71S						
AC	132	139						
AD	105	119						
ADS	105	129						
L	300	311						
LS	355	379						
LB	149	160						
LBS	204	228						

20 016 00 06

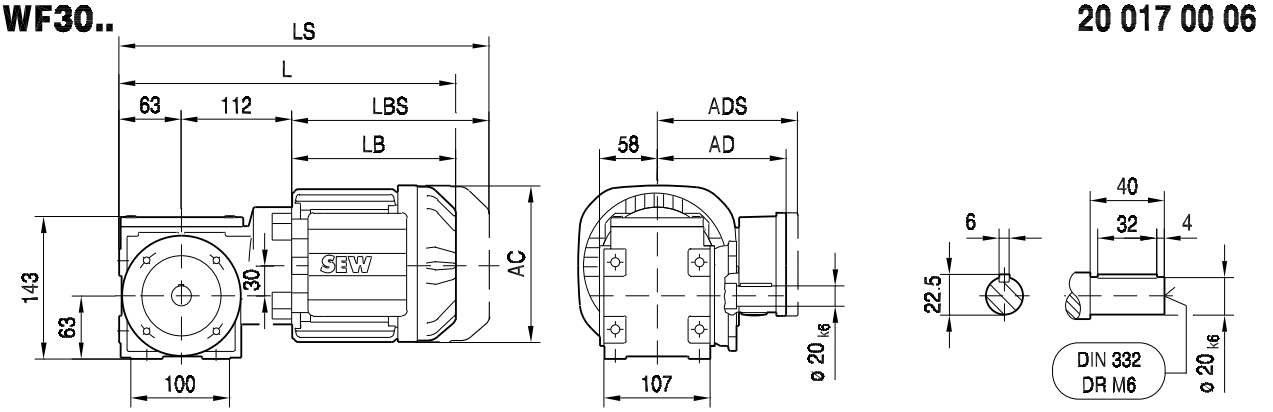
W30..



(→ 131)	DR63..	DR71S	DR71M	DR80S				
AC	132	139	139	156				
AD	105	119	119	128				
ADS	105	129	129	139				
L	324	335	360	364				
LS	379	403	428	445				
LB	149	160	185	189				
LBS	204	228	253	270				

WF30..

20 017 00 06



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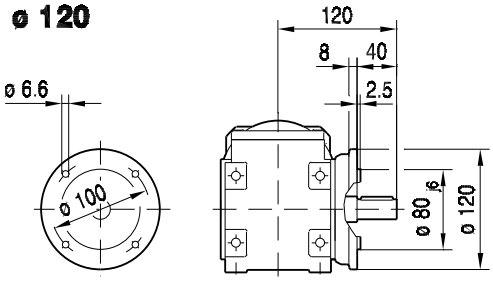
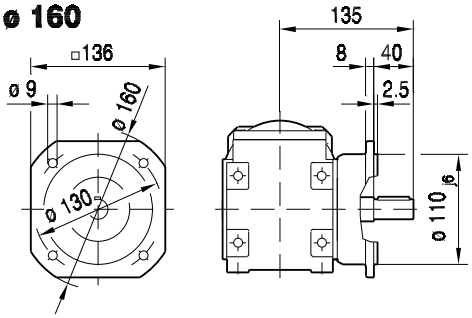
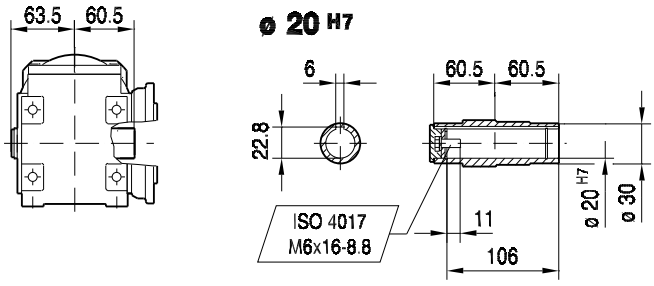


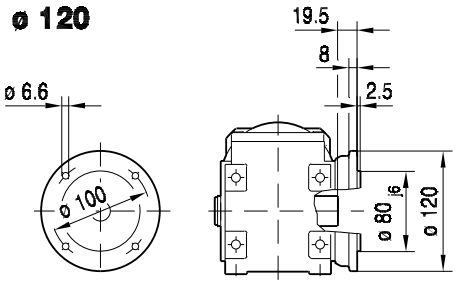
ø 160



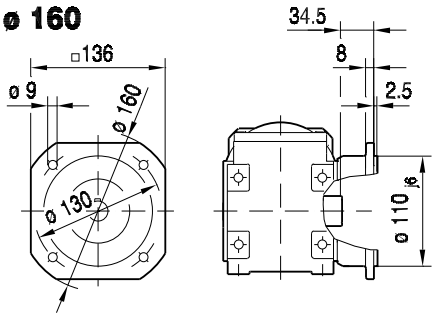
WAF30..



ø 120

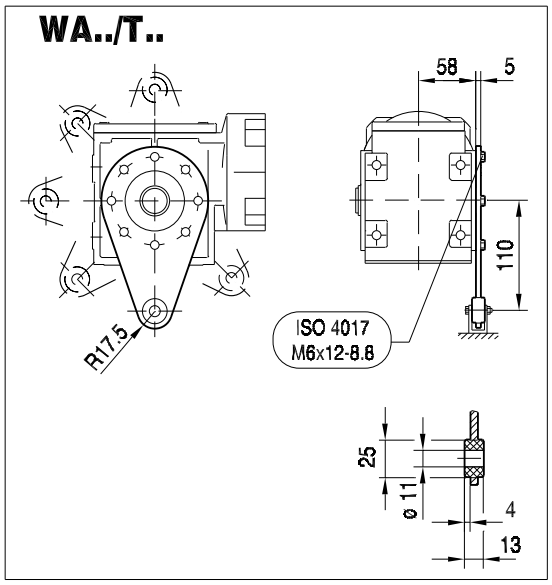


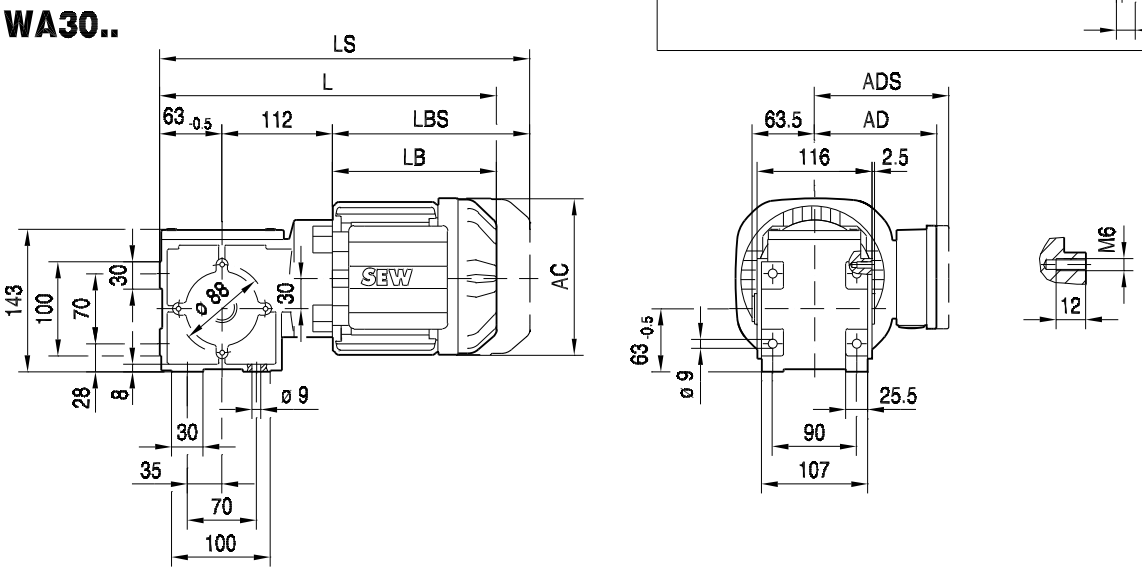
ø 160

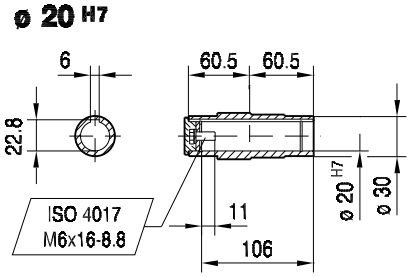


(→ 131)	DR63..	DR71S	DR71M	DR80S				
AC	132	139	139	156				
AD	105	119	119	128				
ADS	105	129	129	139				
L	324	335	360	364				
LS	379	403	428	445				
LB	149	160	185	189				
LBS	204	228	253	270				

20 018 00 06





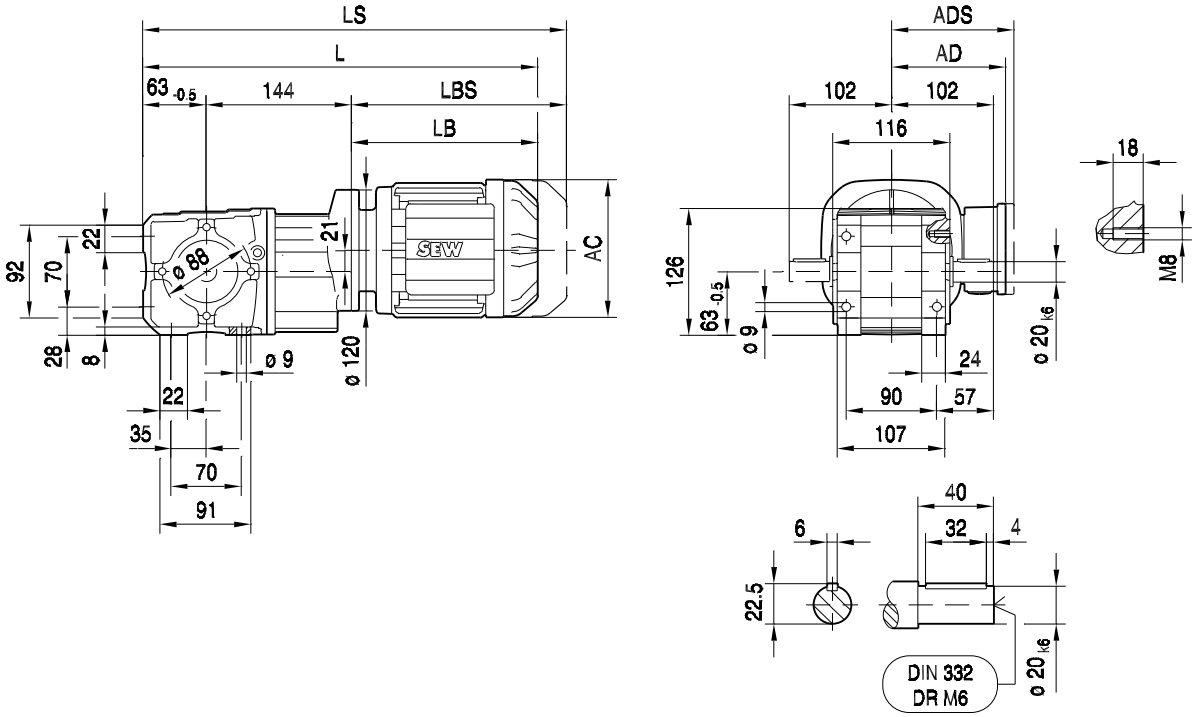


(→ 131)	DR63..	DR71S	DR71M	DR80S				
AC	132	139	139	156				
AD	105	119	119	128				
ADS	105	129	129	139				
L	324	335	360	364				
LS	379	403	428	445				
LB	149	160	185	189				
LBS	204	228	253	270				

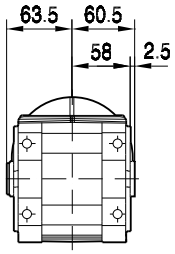
13

20 015 01 07

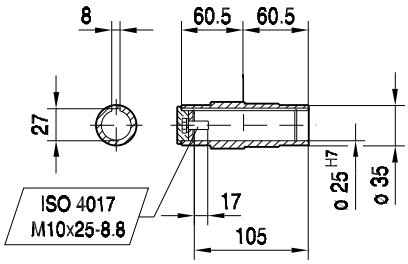
W37..



WA37B..



ø 25 H7
DIN 6885-3



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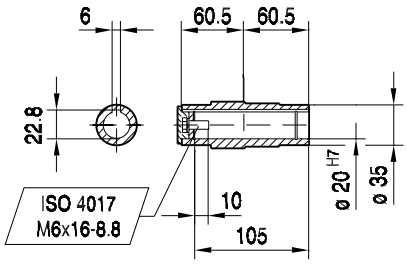
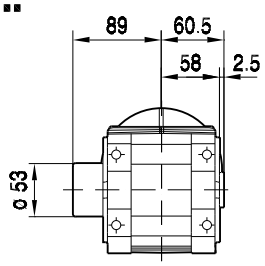
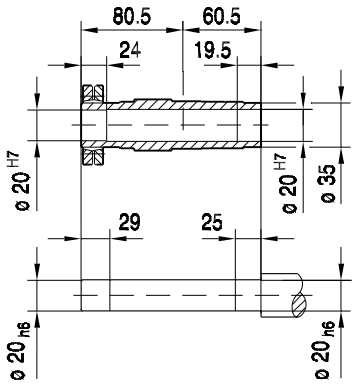


WH37B..

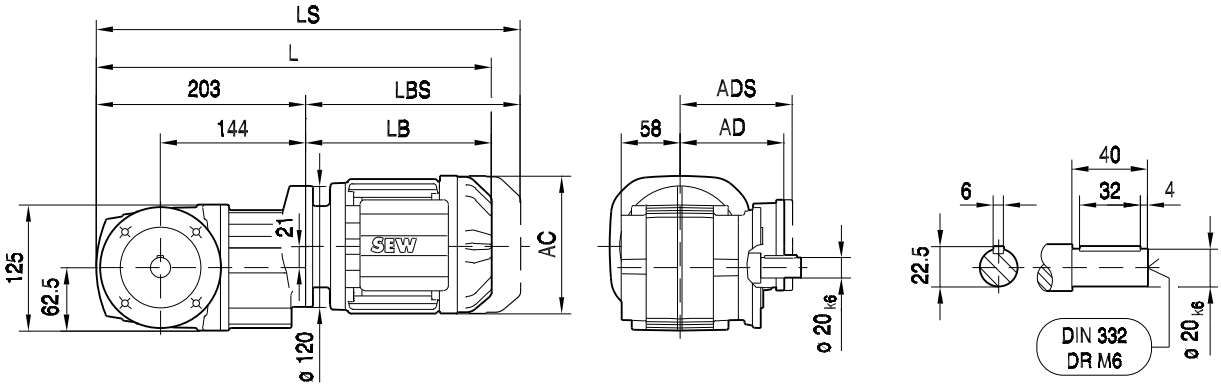


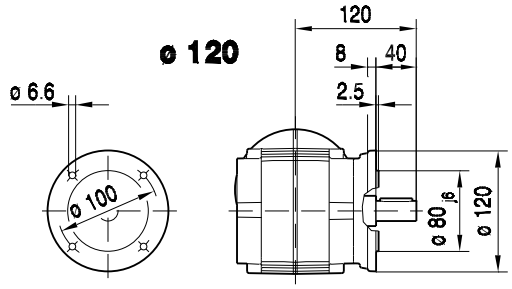


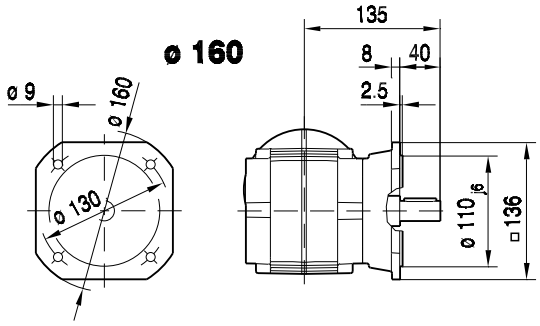
(→ 131)	DR63..	DR71S	DR71M	DR80S	DR80M	DR90M	DR90L	
AC	132	139	139	156	156	179	179	
AD	105	119	119	128	128	140	140	
ADS	105	129	129	139	139	150	150	
L	398	410	435	444	475	479	499	
LS	453	478	503	525	556	572	592	
LB	191	203	228	237	268	272	292	
LBS	246	271	296	318	349	365	385	

20 016 01 07

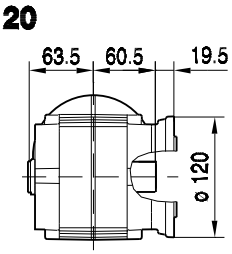
WF37..

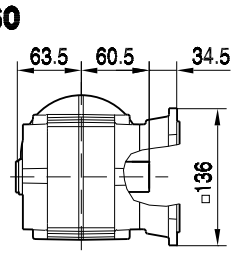


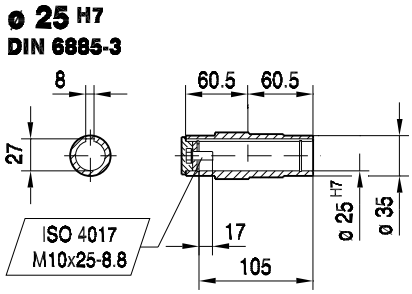


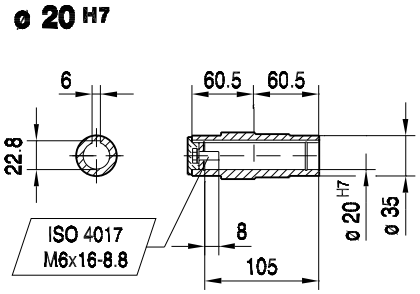


WAF37..





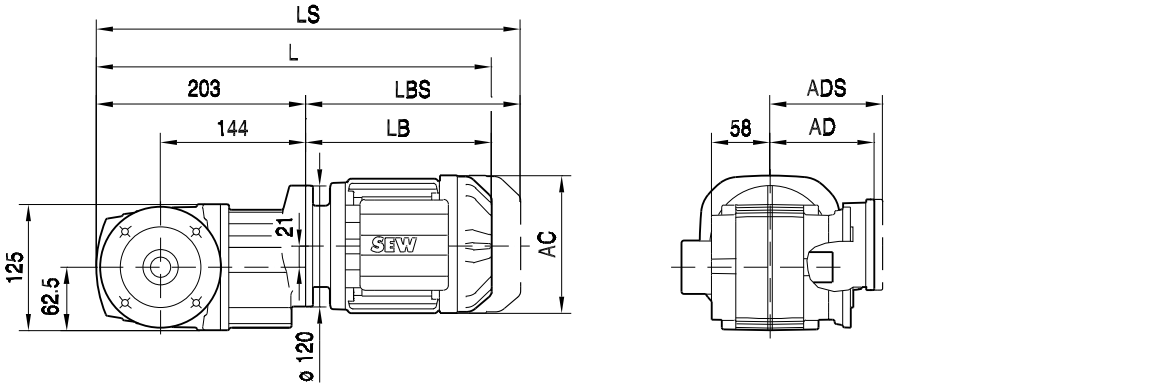




(→ 131)	DR63..	DR71S	DR71M	DR80S	DR80M	DR90M	DR90L	
AC	132	139	139	156	156	179	179	
AD	105	119	119	128	128	140	140	
ADS	105	129	129	139	139	150	150	
L	394	406	431	440	471	475	495	
LS	449	474	499	521	552	568	588	
LB	191	203	228	237	268	272	292	
LBS	246	271	296	318	349	365	385	

20 018 01 07

WHF37..



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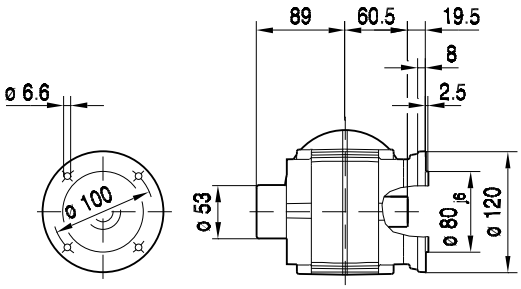
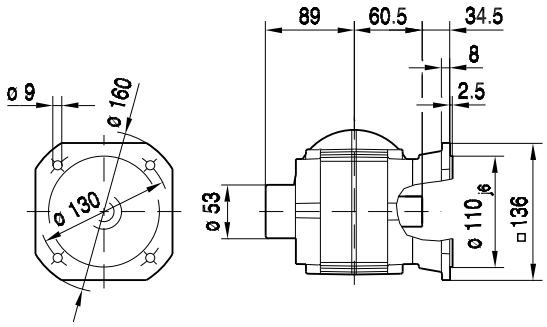
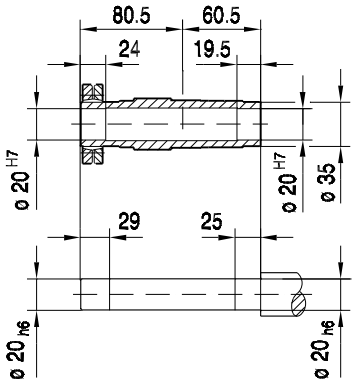


ø 160

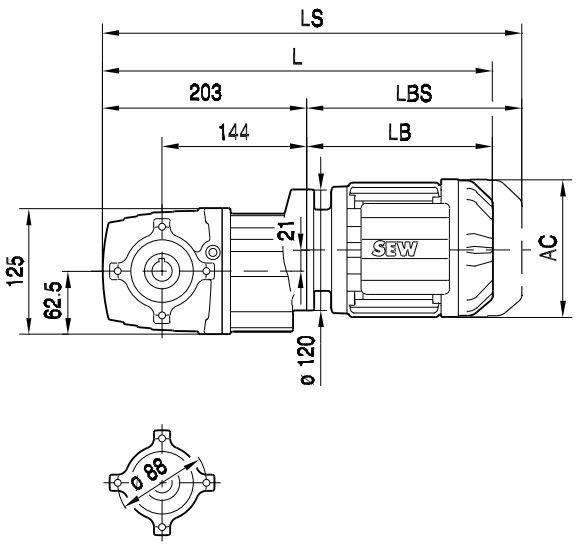




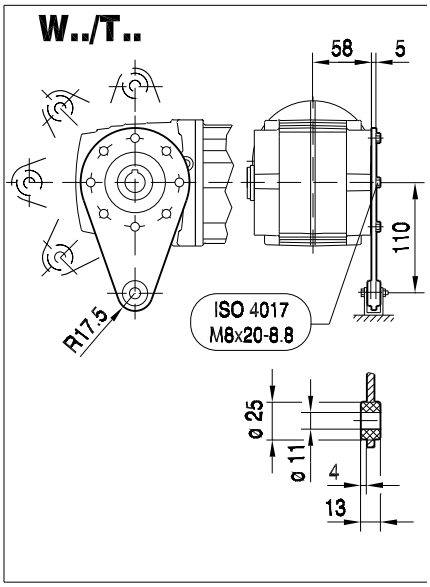
(→ 131)	DR63..	DR71S	DR71M	DR80S	DR80M	DR90M	DR90L	
AC	132	139	139	156	156	179	179	
AD	105	119	119	128	128	140	140	
ADS	105	129	129	139	139	150	150	
L	394	406	431	440	471	475	495	
LS	449	474	499	521	552	568	588	
LB	191	203	228	237	268	272	292	
LBS	246	271	296	318	349	365	385	

20 017 01 07

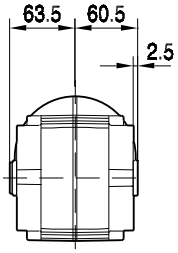
WA37..



W../T..



WA37..



ø 25 H7
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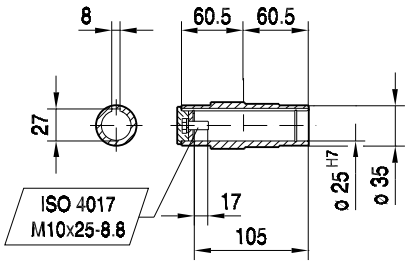
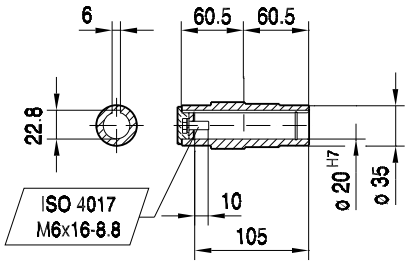
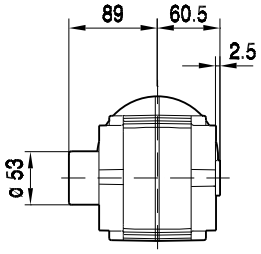
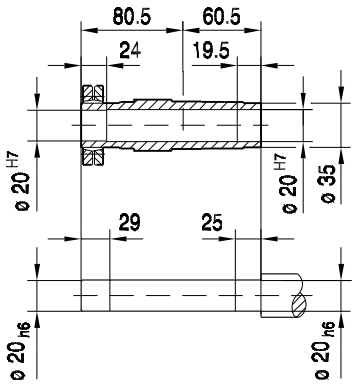


ø 20 H7



WH37..

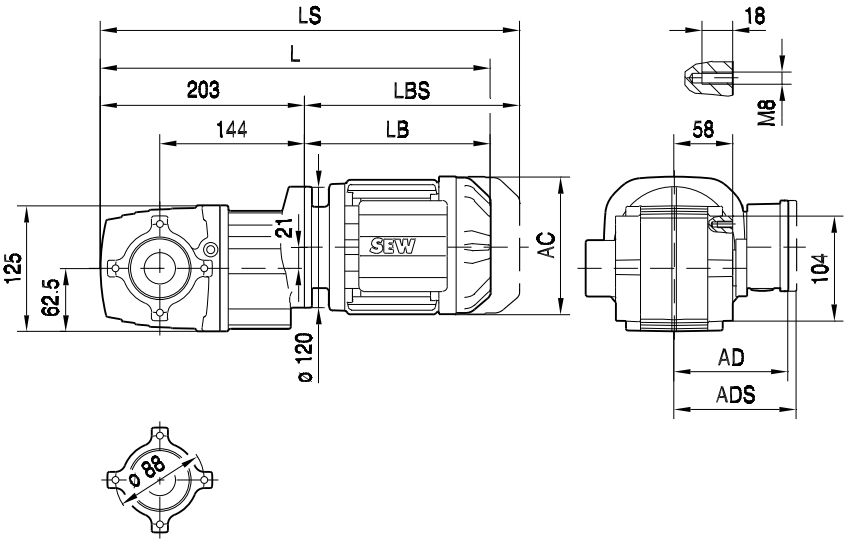


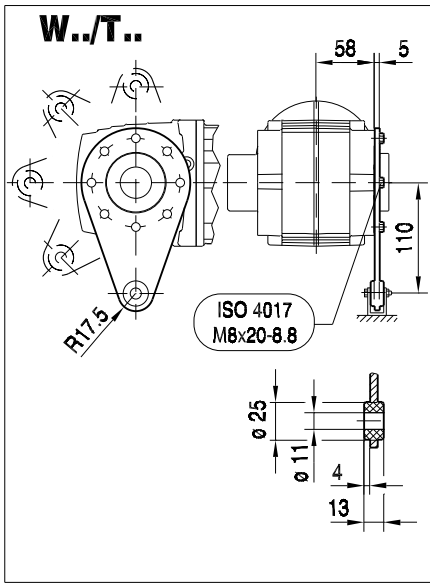


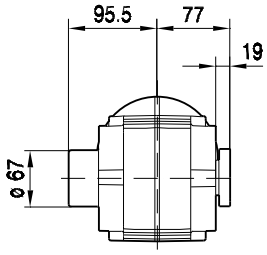
(→ 131)	DR63..	DR71S	DR71M	DR80S	DR80M	DR90M	DR90L	
AC	132	139	139	156	156	179	179	
AD	105	119	119	128	128	140	140	
ADS	105	129	129	139	139	150	150	
L	394	406	431	440	471	475	495	
LS	449	474	499	521	552	568	588	
LB	191	203	228	237	268	272	292	
LBS	246	271	296	318	349	365	385	

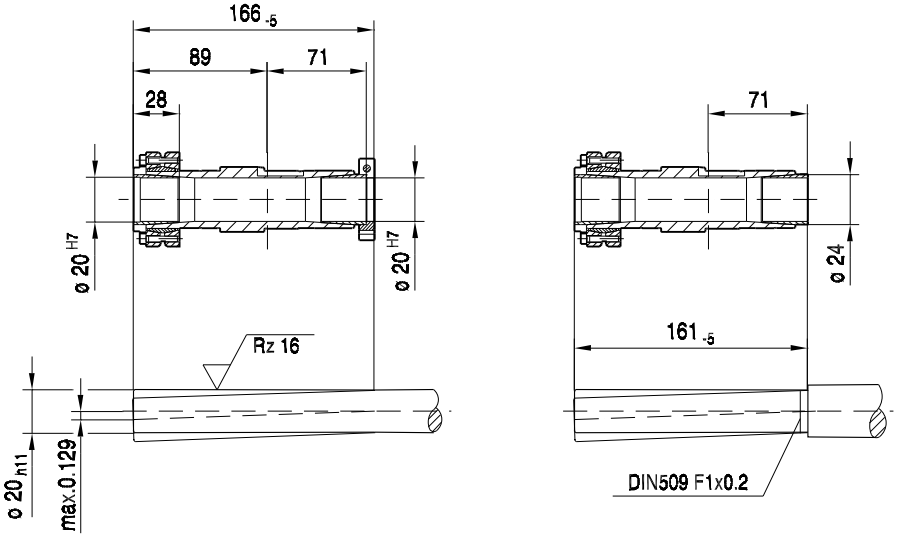
20 020 01 07

WT37..





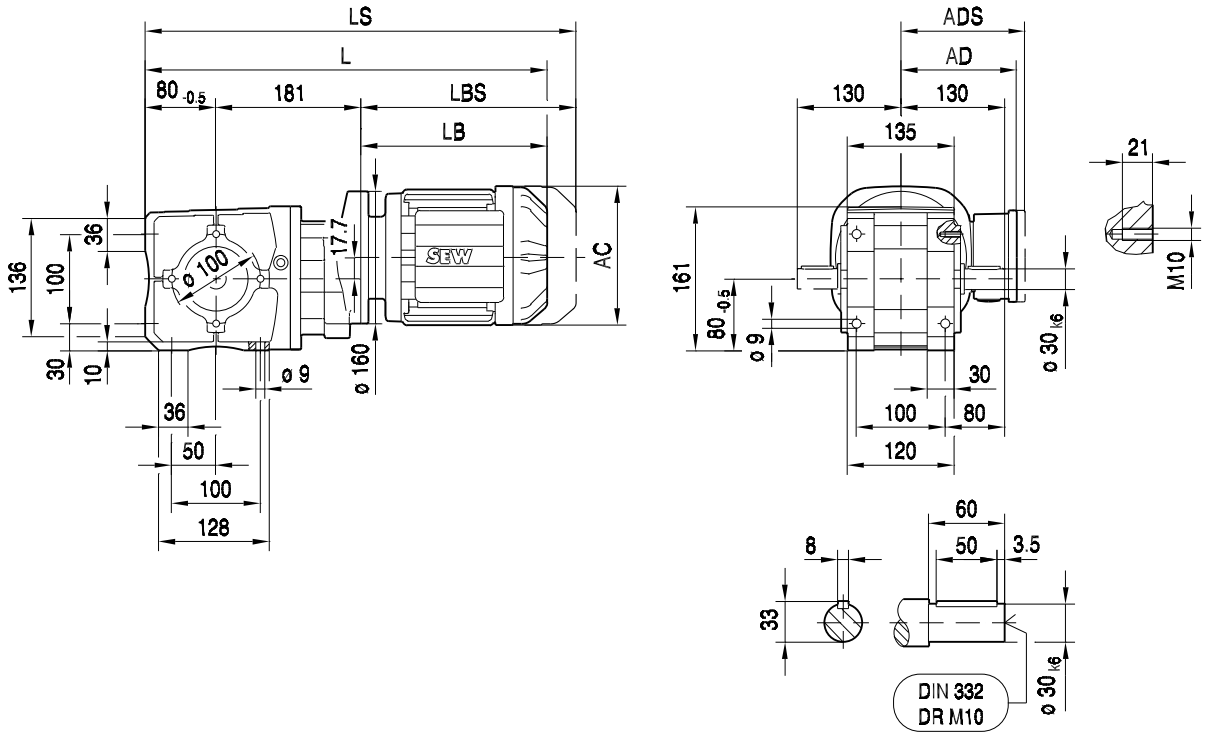




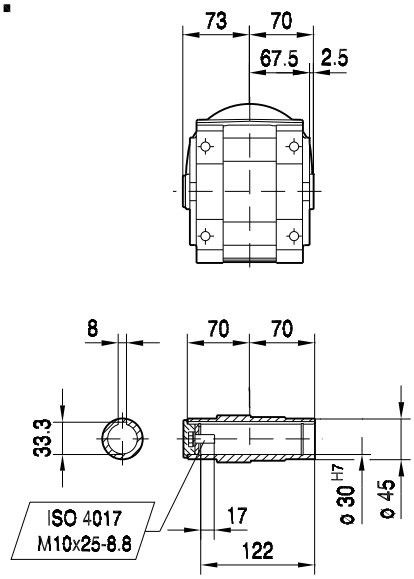
(→ 131)	DR63..	DR71S	DR71M	DR80S	DR80M	DR90M	DR90L	
AC	132	139	139	156	156	179	179	
AD	105	119	119	128	128	140	140	
ADS	105	129	129	139	139	150	150	
L	394	406	431	440	471	475	495	
LS	449	474	499	521	552	568	588	
LB	191	203	228	237	268	272	292	
LBS	246	271	296	318	349	365	385	

20 045 01 08

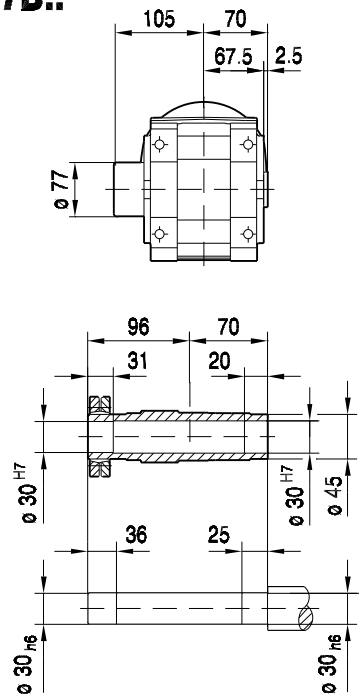
W47..



WA47B..



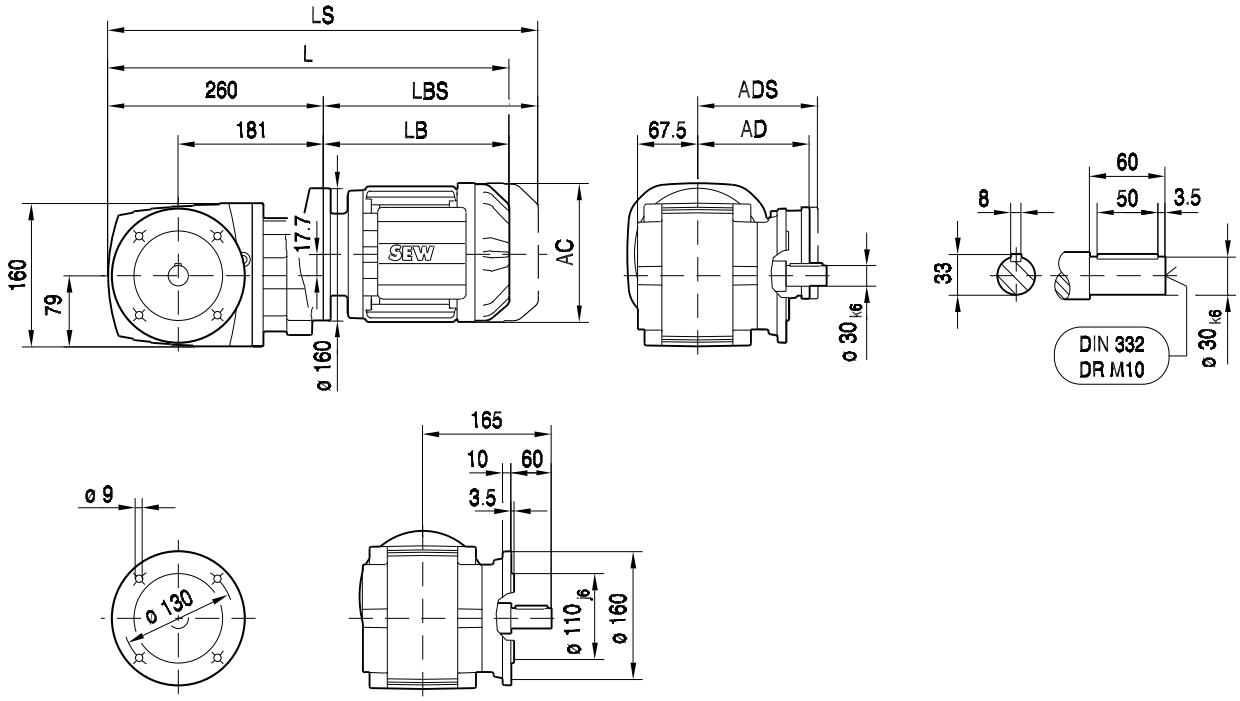
WH47B..



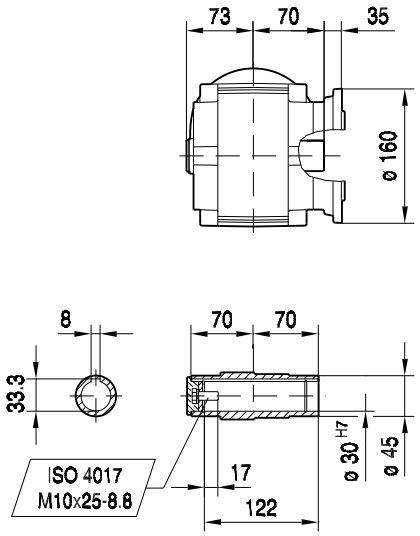
(→ 131)	DR63..	DR71S	DR71M	DR80S	DR80M	DR90M	DR90L	DR100M	DR100L/LC	DR112M	DR132S
AC	132	139	139	156	156	179	179	197	197	221	221
AD	105	119	119	128	128	140	140	157	157	170	170
ADS	105	129	129	139	139	150	150	158	158	172	172
L	445	456	481	490	521	523	543	573	603	615	650
LS	500	524	549	571	602	616	636	666	696	727	762
LB	185	196	221	230	261	263	283	313	343	355	390
LBS	240	264	289	311	342	356	376	406	436	467	502

20 046 01 08

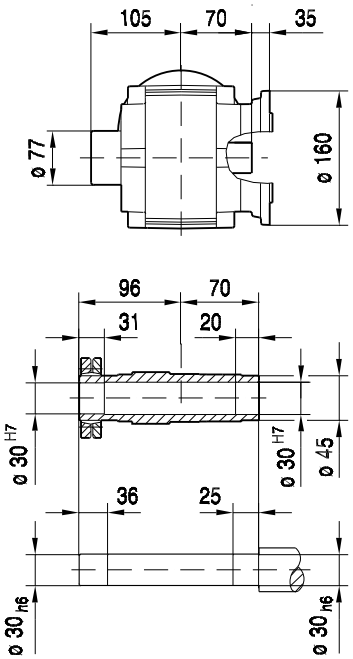
WF47..



WAF47..



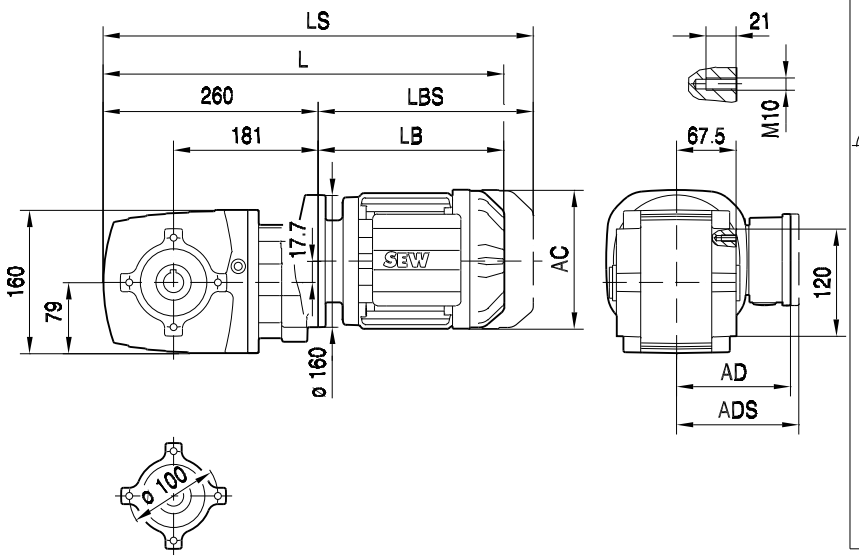
WHF47..



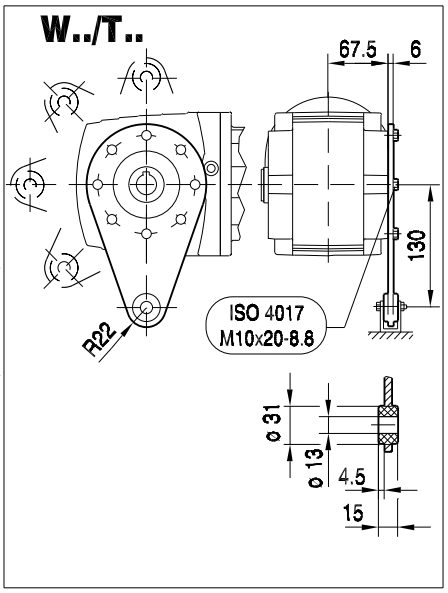
(→ 131)	DR63..	DR71S	DR71M	DR80S	DR80M	DR90M	DR90L	DR100M	DR100L/LC	DR112M	DR132S
AC	132	139	139	156	156	179	179	197	197	221	221
AD	105	119	119	128	128	140	140	157	157	170	170
ADS	105	129	129	139	139	150	150	158	158	172	172
L	444	455	480	489	520	522	542	572	602	614	649
LS	499	523	548	570	601	615	635	665	695	726	761
LB	185	196	221	230	261	263	283	313	343	355	390
LBS	240	264	289	311	342	356	376	406	436	467	502

20 048 01 08

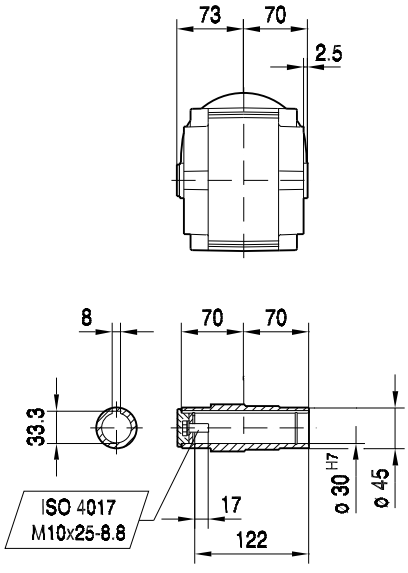
WA47..



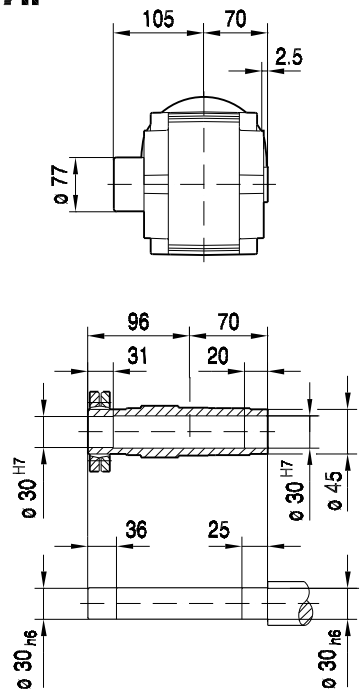
W../T..



WA47..



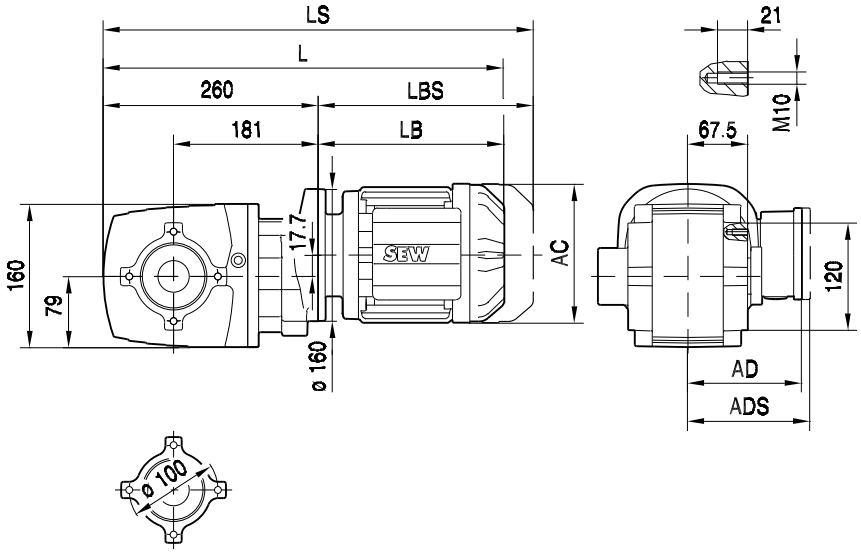
WH47..

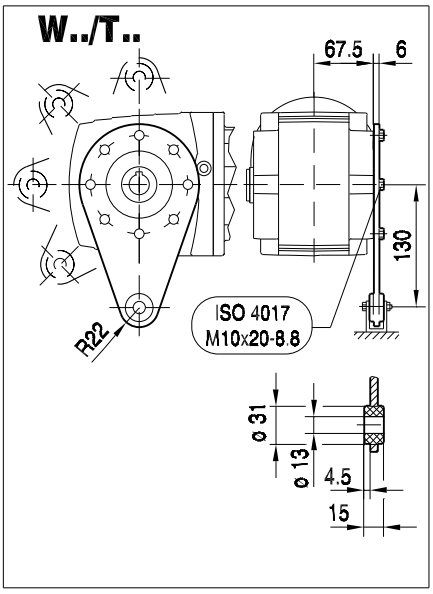


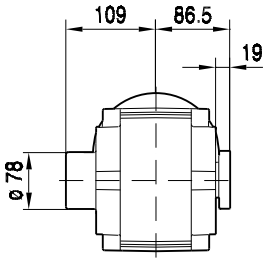
(→ 131)	DR63..	DR71S	DR71M	DR80S	DR80M	DR90M	DR90L	DR100M	DR100L/LC	DR112M	DR132S
AC	132	139	139	156	156	179	179	197	197	221	221
AD	105	119	119	128	128	140	140	157	157	170	170
ADS	105	129	129	139	139	150	150	158	158	172	172
L	444	455	480	489	520	522	542	572	602	614	649
LS	499	523	548	570	601	615	635	665	695	726	761
LB	185	196	221	230	261	263	283	313	343	355	390
LBS	240	264	289	311	342	356	376	406	436	467	502

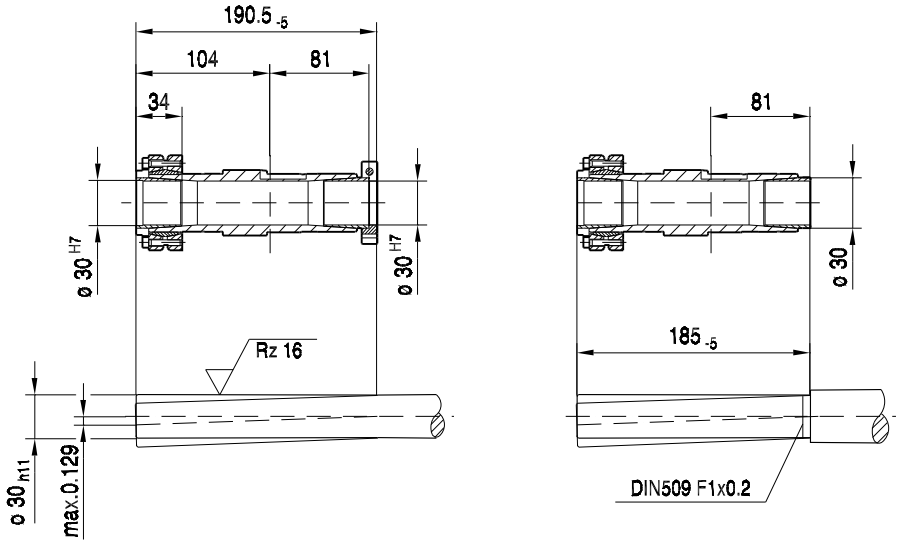
20 049 01 08

WT47..



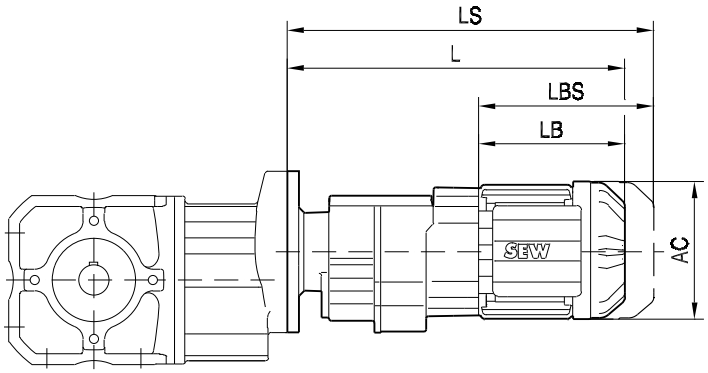






(→ 131)	DR63..	DR71S	DR71M	DR80S	DR80M	DR90M	DR90L	DR100M	DR100L/LC	DR112M	DR132S
AC	132	139	139	156	156	179	179	197	197	221	221
AD	105	119	119	128	128	140	140	157	157	170	170
ADS	105	129	129	139	139	150	150	158	158	172	172
L	444	455	480	489	520	522	542	572	602	614	649
LS	499	523	548	570	601	615	635	665	695	726	761
LB	185	196	221	230	261	263	283	313	343	355	390
LBS	240	264	289	311	342	356	376	406	436	467	502

20 018 00 09



(→ 131)		AC	L	LS	LB	LBS
W..37R17	DR63..	132	324	379	149	204
	DR71S..	139	335	403	160	228
W..47R17	DR63..	132	324	379	149	204
	DR71S..	139	335	403	160	228
	DR71M..	139	360	428	185	253