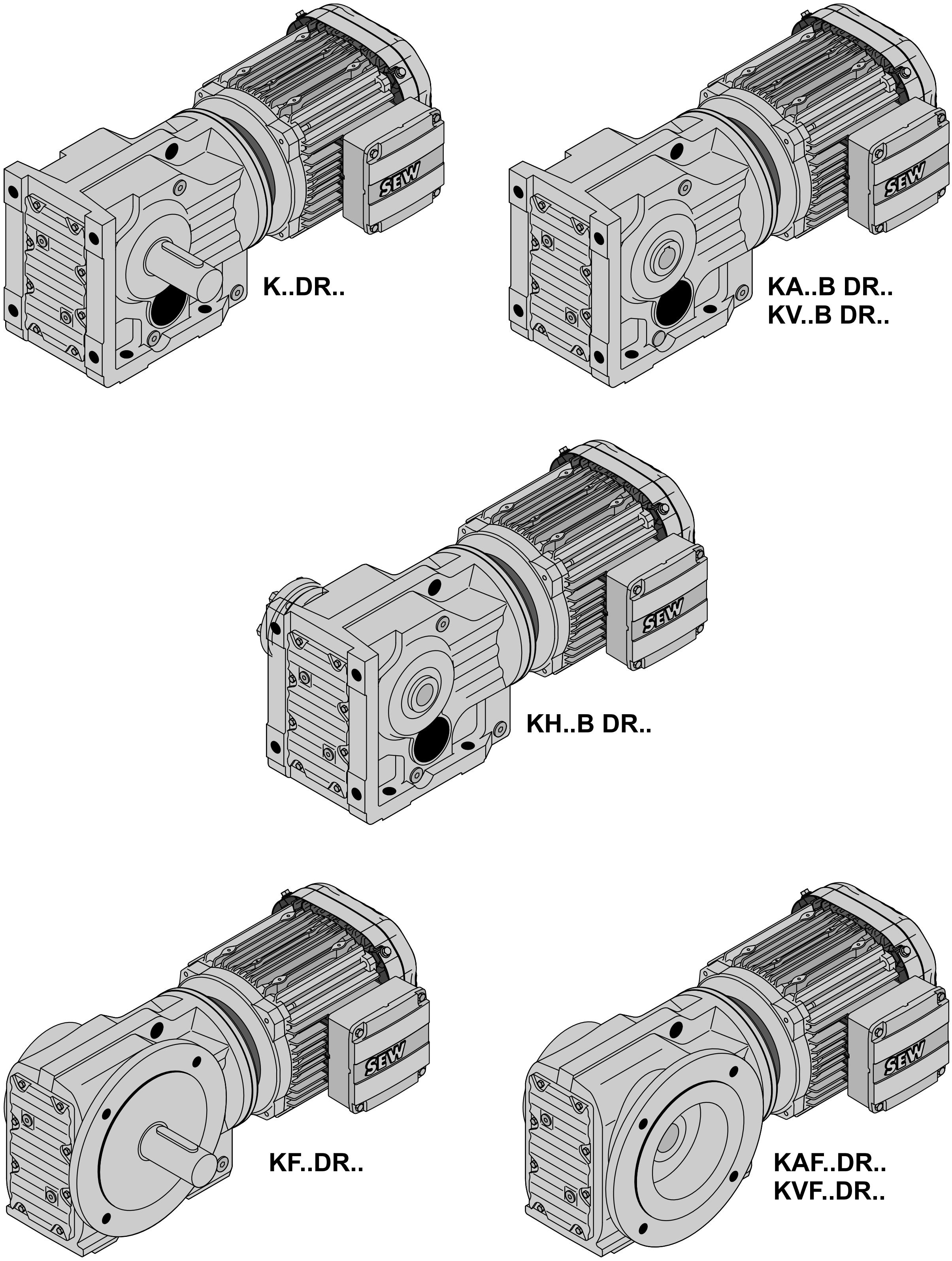
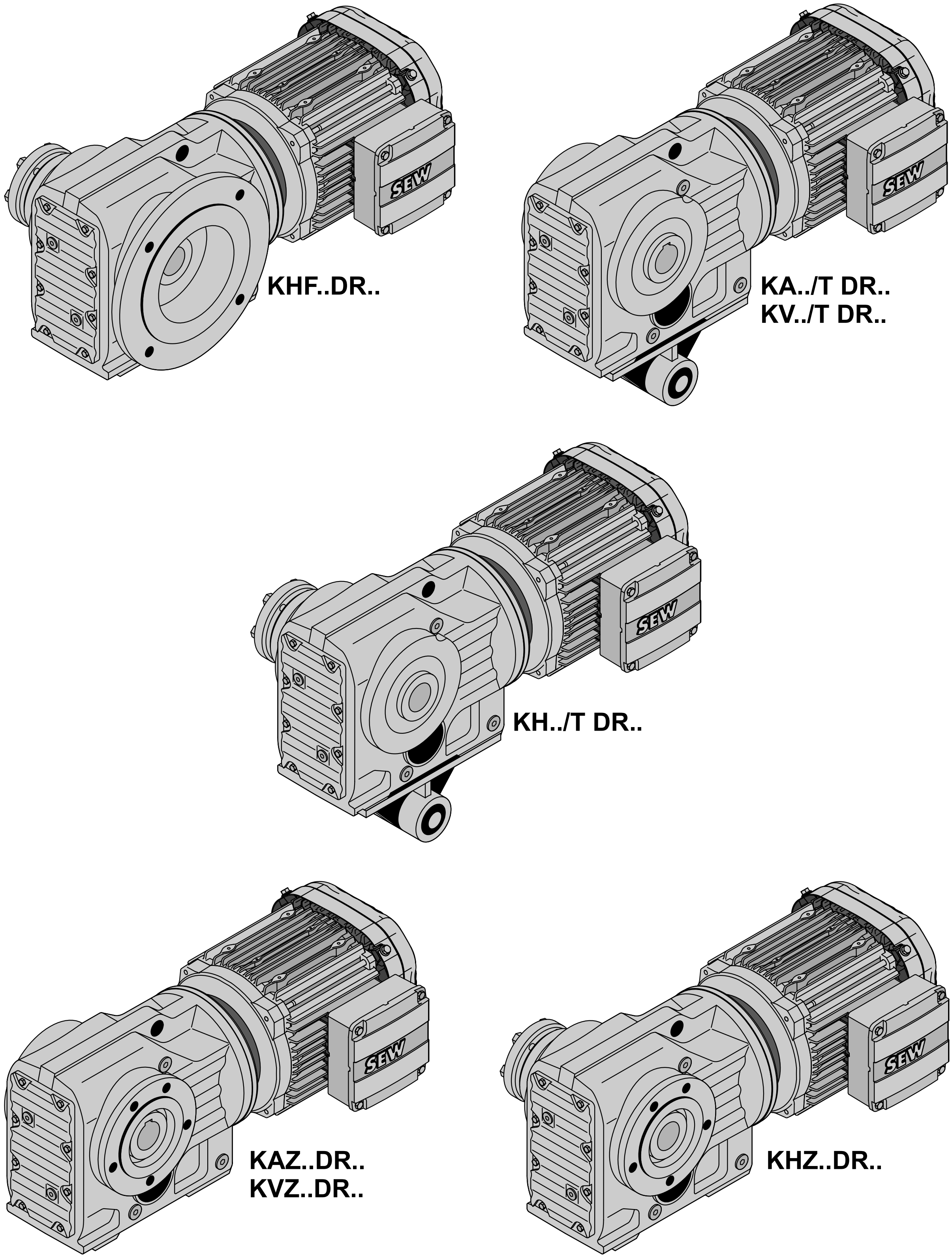
10 K..DRL

10.1 K, KA, KV, KH, KF, KAF, KAV, KHF, KA../T, KV../T, KH../T, KAZ, KVZ, KHZ..DRL



60405axx



60411axx

10.2 K..Nm

10.2.1 K 37

M_{aDyn} Nm	i	DRL 71S D1	DRL 71S D2	DRL 71M D1	DRL 71M D2	DRL 80S D1	DRL 80S D2	DRL 80M D1	DRL 90L D1	DRL 100L D1
K37 3	3.98	19	32	27	53	38	96	50	96	134
	5.36	26	44	36	72	51	129	67	129	180
	6.37	31	52	43	86	61	153	79	153	>199
	6.80	33	55	46	91	65	163	85	163	>199
	7.96	38	65	53	107	76	191	99	191	>199
	8.91	43	73	60	120	86	>199	111	>199	>199
	10.49	50	86	70	141	101	>199	131	>199	>199
	12.14	58	99	82	163	117	>199	152		
	13.08	63	107	88	176	126	>240	163	>240	>240
	15.31	73	125	103	205	147	>240	191	>240	>240
	17.15	82	140	115	230	165	>240	210	>240	>240
	20.19	97	165	136	>240	194	>240	>240	>240	>240
	23.36	112	191	157	>240	220	>240	>240		
	24.99	120	200	168	>240	235	>240	>240		
	28.83	138	235	194		>240		>240		
	29.96	141	>230	197	>230	>230	>230	>230	>230	>230
	35.57	167	>230	>230	>230	>230	>230	>230	>230	>230
	37.97	178	>230	>230	>230	>230	>230	>230	>230	>230
	44.46	205	>230	>230	>230	>230	>230	>230	>230	>230
	49.79	>230	>230	>230	>230	>230	>230	>230	>230	>230
	58.60	>230	>230	>230	>230	>230	>230	>230	>230	>230
	67.80	>230	>230	>230	>230	>230	>230	>230		
	72.54	>230	>230	>230	>230	>230	>230	>230		
	83.69	>230	>230	>230		>230		>230		
	97.81	>230		>230						
	106.38	>230		>230						

→ 124

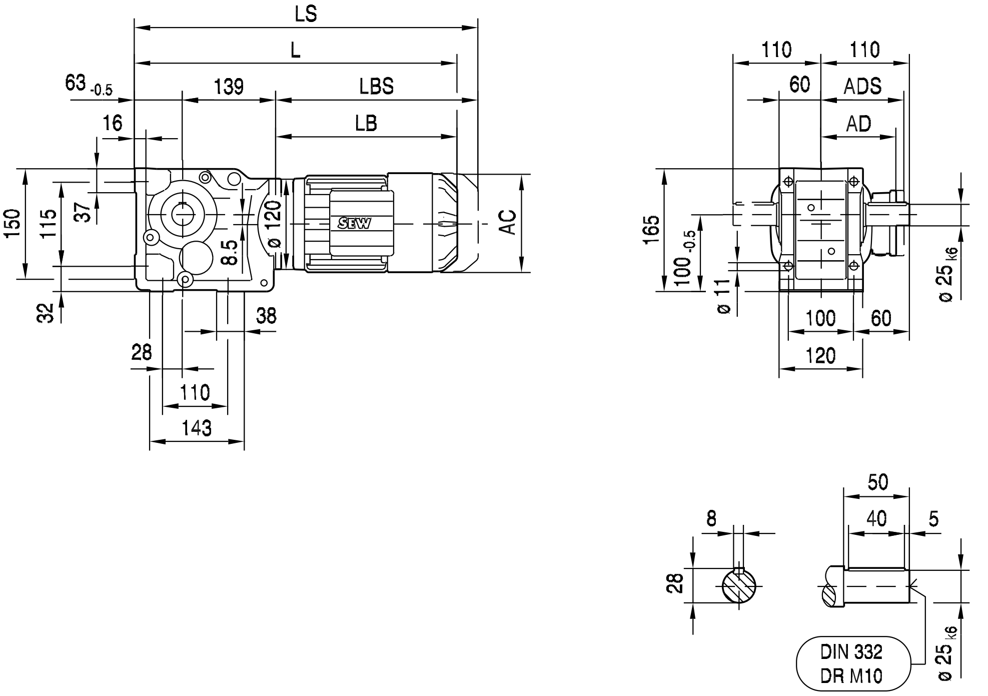
m kg	s	DRL 71S	DRL 71M	DRL 80S	DRL 80M	DRL 90L	DRL 100L
K37	3	19	21	23	26	33	41
KF: + 2.3 kg / KA: + -0.2 kg / KAF: + 1.5 kg							

DRL..	i	n_{epk} 1/min	η %	c_{TG} K Nm/'	KF Nm/'	KA Nm/'	KAF Nm/'	φ /R '
K37 3	3.98	4500	96	13	13	29	29	13
	5.36	4500	96	13	13	29	29	13
	6.37	4500	96	13	13	29	29	13
	6.80	4500	96	13	13	29	29	13
	7.96	4500	96	13	13	29	29	13
	8.91	4500	96	13	13	29	29	12
	10.49	4500	96	13	13	29	29	12
	12.14	4500	96	13	13	29	29	12
	13.08	4500	96	17	17	63	63	9
	15.31	4500	96	17	17	63	63	9
	17.15	4500	96	17	17	63	63	8
	20.19	4500	96	17	17	63	63	8
	23.36	4500	96	17	17	63	63	8
	24.99	4500	96	17	17	63	63	8
	28.83	4500	96	17	17	63	63	8
	29.96	4500	94	18	19	85	85	7
	35.57	4500	94	18	19	85	85	7
	37.97	4500	94	18	19	85	85	7
	44.46	4500	94	18	19	85	85	7
	49.79	4500	94	18	19	85	85	7
	58.60	4500	94	18	19	85	85	7
	67.80	4500	94	18	19	85	85	7
	72.54	4500	94	18	19	85	85	7
	83.69	4500	93	18	19	85	85	7
	97.81	4500	93	18	19	85	85	7
	106.38	4500	93	18	19	85	85	7

DRL.. n_e = 1400	i	M_{amax} Nm	M_{apk} Nm	$M_{aNotaus}$ Nm	n_{ak} 1/min	J_G 10^{-4} kgm^2	F_{Ramax} K N	KF N	KA N	KAF N	F_{Rapk} K N	KF N	KA N	KAF N
K37 3	3.98	125	187	213	377	2.6	1660	2130	2310	2310	5780	5710	7000	7000
	5.36	140	199	238	317	1.7	1810	2340	2530	2530	5650	5640	7000	7000
	6.37	145	199	247	314	1.3	1950	2500	2720	2720	5650	5640	7000	7000
	6.80	150	199	255	294	1.1	1980	2540	2760	2760	5650	5640	7000	7000
	7.96	155	199	264	276	0.85	2110	2700	2940	2940	5650	5640	7000	7000
	8.91	160	199	272	258	0.70	2200	2810	3070	3070	5650	5640	7000	7000
	10.49	160	199	272	276	0.51	2410	3030	3340	3340	5650	5640	7000	7000
	12.14	160	199	272	297	0.40	2600	3240	3600	3600	5650	5640	7000	7000
	13.08	165	240	281	420	1.0	2650	3310	3660	3660	4100	4100	7000	7000
	15.31	175	240	298	346	0.76	2780	3480	3850	3850	4100	4100	7000	7000
	17.15	180	240	306	315	0.62	2900	3630	4020	4020	4100	4100	7000	7000
	20.19	185	240	315	287	0.46	3110	3870	4300	4300	4100	4100	7000	7000
	23.36	195	240	332	240	0.37	3260	4060	4510	4510	4100	4100	7000	7000
	24.99	200	240	340	220	0.33	3330	4150	4600	4600	4100	4100	7000	7000
	28.83	200	240	340	222	0.26	3580	4420	4940	4940	4100	4100	7000	7000
	29.96	200	230	340	157	0.76	3650	4500	5030	5030	5140	5140	7000	7000
	35.57	200	230	340	157	0.60	3970	4860	5460	5460	5140	5140	7000	7000
	37.97	200	230	340	158	0.54	4100	5000	5630	5630	5140	5140	7000	7000
	44.46	200	230	340	157	0.42	4420	5350	6060	6060	5140	5140	7000	7000
	49.79	200	230	340	141	0.36	4660	5610	6380	6380	5140	5140	7000	7000
	58.60	200	230	340	119	0.27	5020	5630	6860	6860	5140	5140	7000	7000
	67.80	200	230	340	103	0.23	5360	5630	7000	7000	5140	5140	7000	7000
	72.54	200	230	340	96	0.21	5520	5630	7000	7000	5140	5140	7000	7000
	83.69	200	230	340	84	0.17	5640	5630	7000	7000	5140	5140	7000	7000
	97.81	200	230	340	72	0.13	5640	5630	7000	7000	5140	5140	7000	7000
	106.38	200	230	340	66	0.12	5640	5630	7000	7000	5140	5140	7000	7000

33 152 00 08

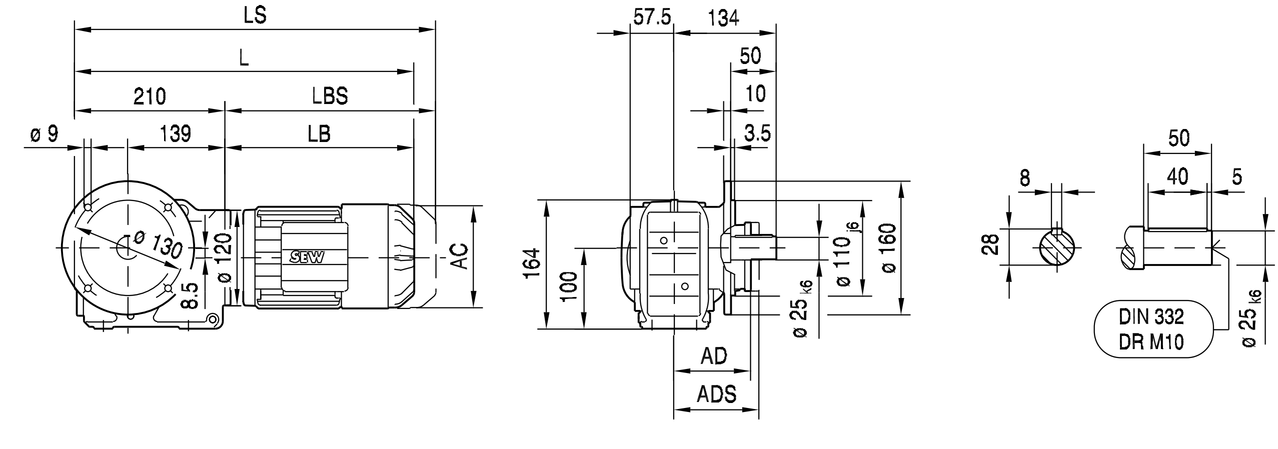
K37..



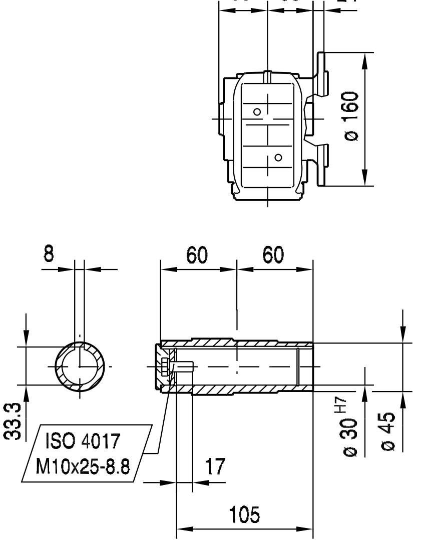
(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L		
AC	139	139	156	156	179	197		
AD	119	119	128	128	140	157		
ADS	129	129	139	139	150	158		
L	490	515	534	565	582	641		
LS	554	579	614	645	668	728		
LB	288	313	332	363	380	439		
LBS	352	377	412	443	466	526		

33 153 00 08

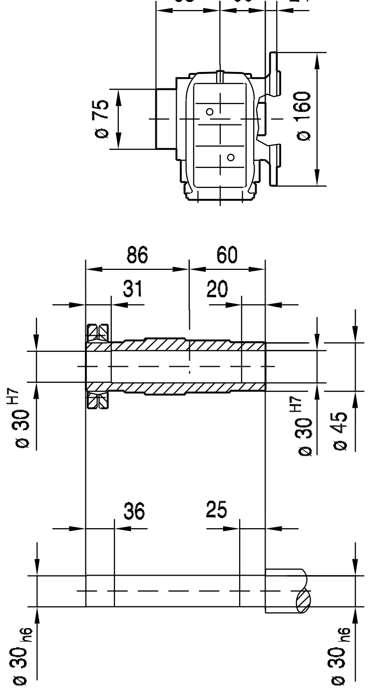
KF37..



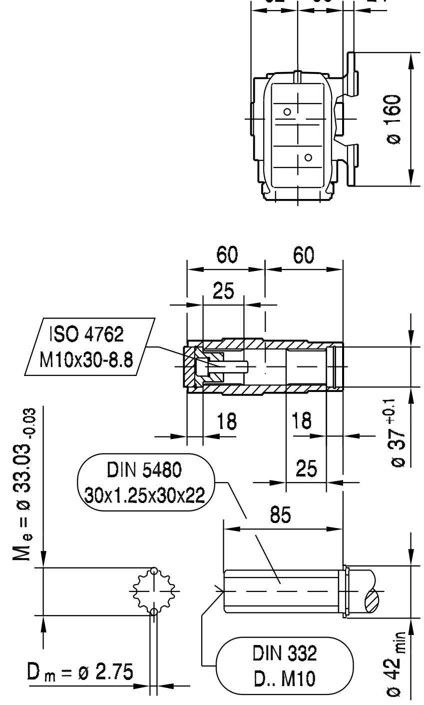
KAF37..



KHF37..



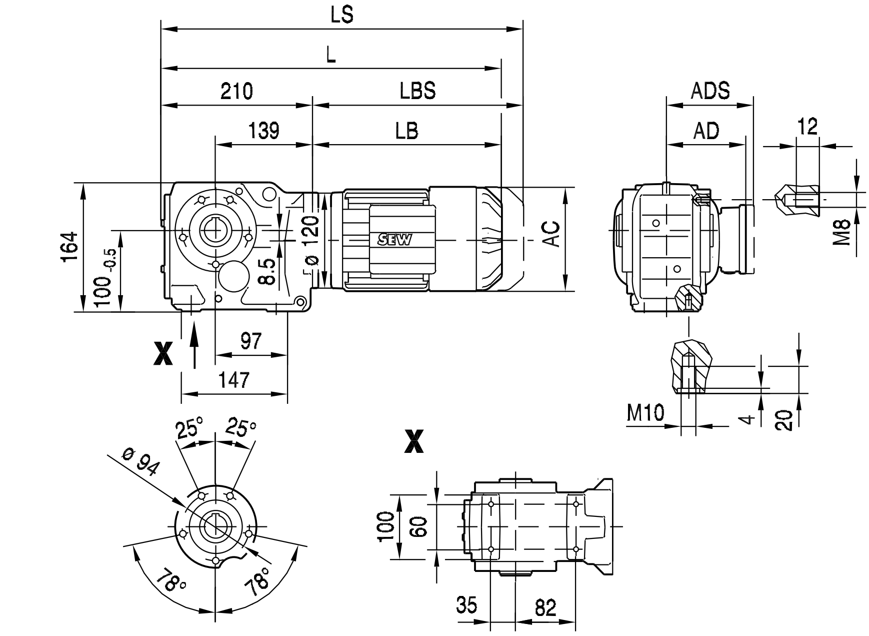
KVF37..

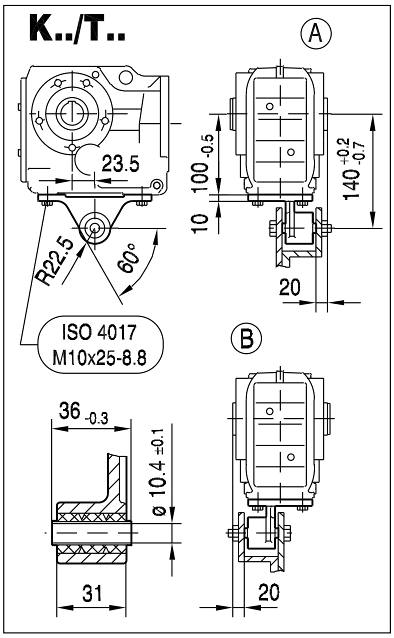


(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L		
AC	139	139	156	156	179	197		
AD	119	119	128	128	140	157		
ADS	129	129	139	139	150	158		
L	498	523	542	573	590	649		
LS	562	587	622	653	676	736		
LB	288	313	332	363	380	439		
LBS	352	377	412	443	466	526		

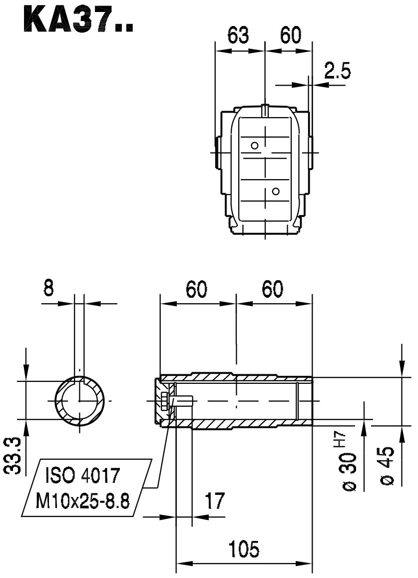
KA37..

33 154 00 08

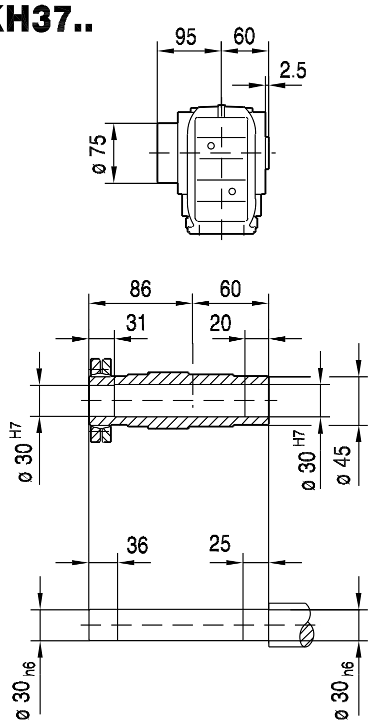




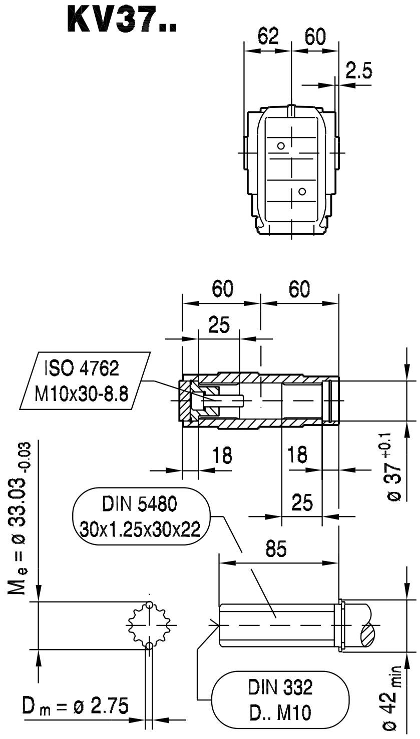
KA37..



KH37..



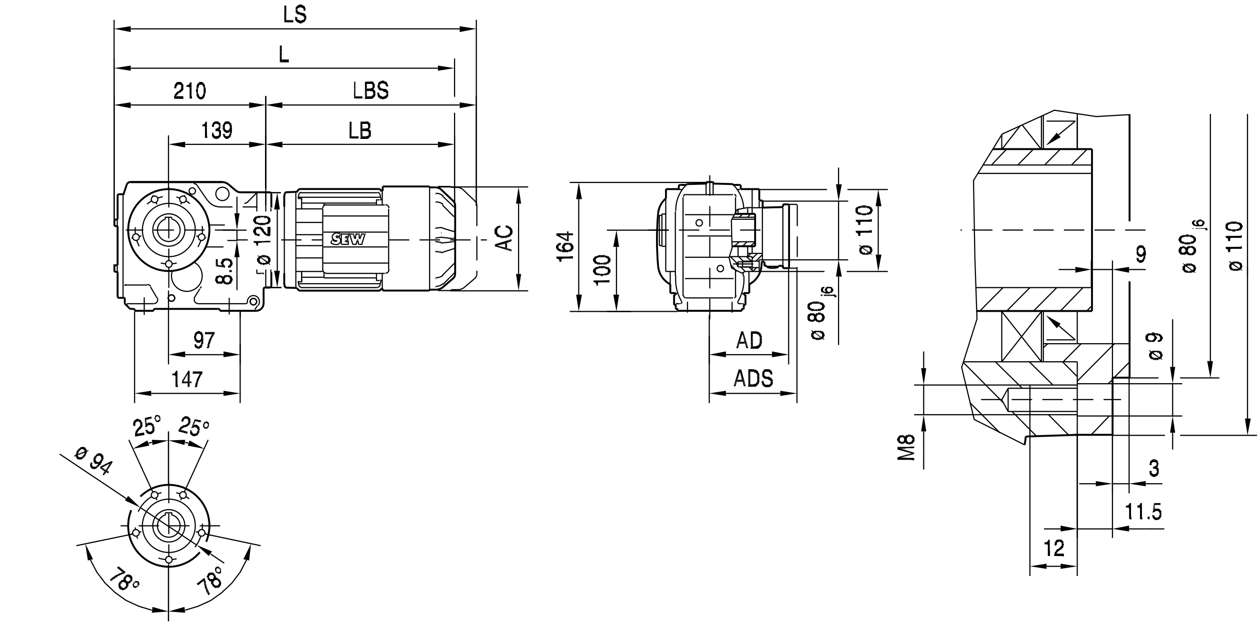
KV37..



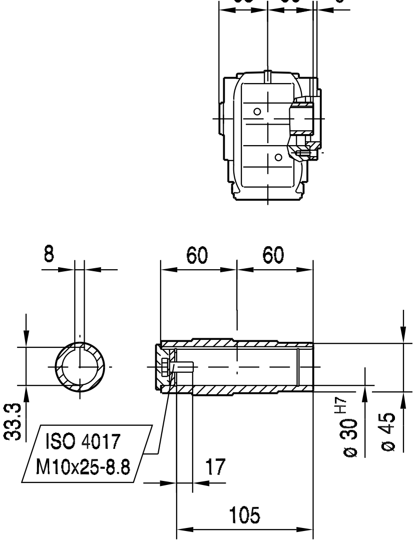
(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L		
AC	139	139	156	156	179	197		
AD	119	119	128	128	140	157		
ADS	129	129	139	139	150	158		
L	498	523	542	573	590	649		
LS	562	587	622	653	676	736		
LB	288	313	332	363	380	439		
LBS	352	377	412	443	466	526		

33 155 00 08

KAZ37..



KAZ37..



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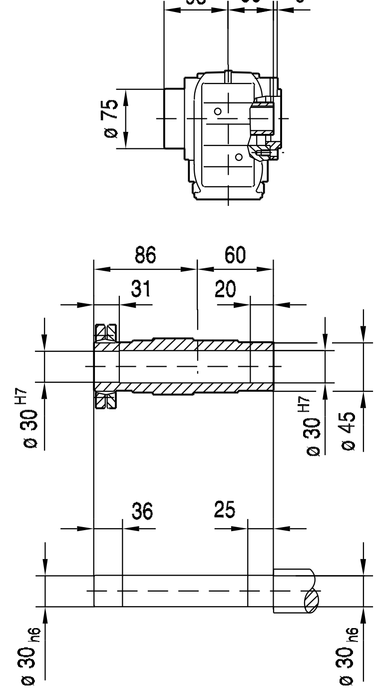

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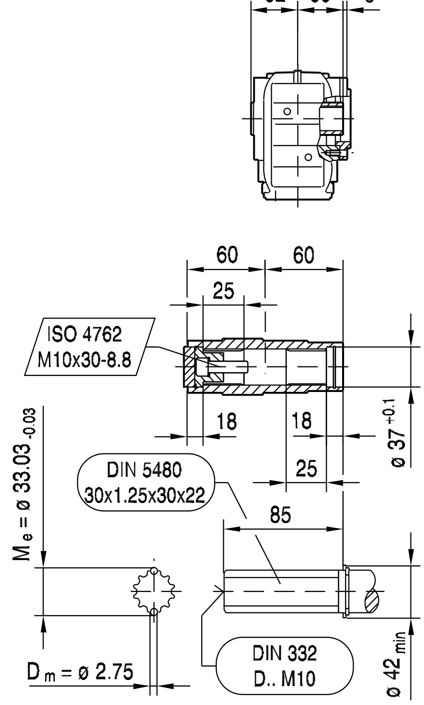
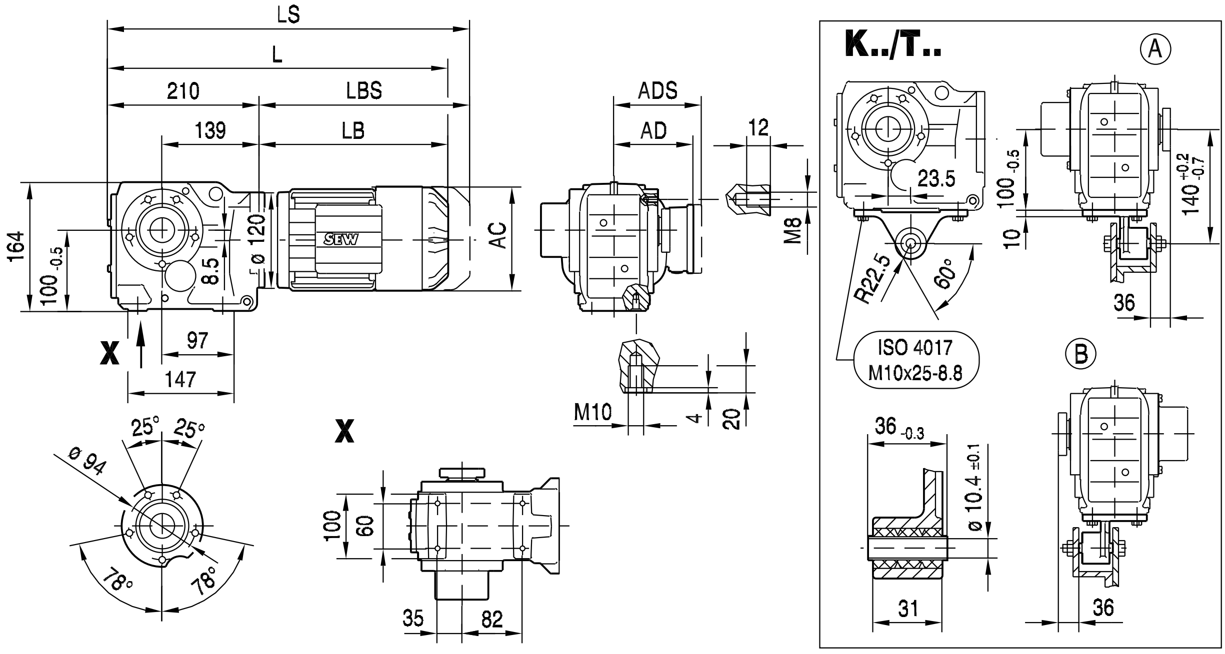
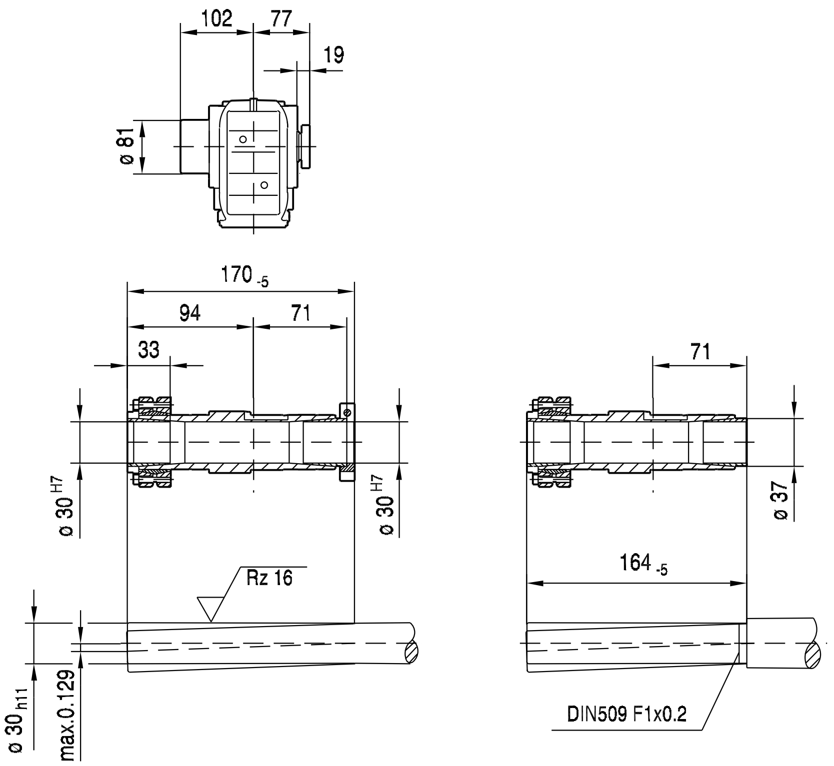


(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L		
AC	139	139	156	156	179	197		
AD	119	119	128	128	140	157		
ADS	129	129	139	139	150	158		
L	498	523	542	573	590	649		
LS	562	587	622	653	676	736		
LB	288	313	332	363	380	439		
LBS	352	377	412	443	466	526		

KT37..

33 156 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	498	523	542	573	590	649		
LS	562	587	622	653	676	736		
LB	288	313	332	363	380	439		
LBS	352	377	412	443	466	526		

10.2.2 K 47

M_{aDyn} Nm	i	DRL 71S D1	71S D2	71M D1	71M D2	80S D1	80S D2	80M D1	80M D2	90L D1	90L D2	100L D1
K47 3	4.64		38		62	45	111	58	147	111	200	156
	5.81	28	47	39	78	56	139	73	184	139	255	195
	6.58	32	54	44	88	63	158	82	205	158	290	220
	7.36	35	60	49	99	71	177	92	230	177	>310	245
	8.56	41	70	58	115	82	205	107	270	205	>310	285
	9.10	44	74	61	122	87	215	114	285	215	>310	305
	10.56	51	86	71	142	101	250	132	>315	250	>315	>315
	11.77	56	96	79	158	113	280	147	>315	280	>315	>315
	12.19	59	99	82	164	117	290	152	385	290	>435	405
	13.65	66	111	92	183	131	325	170	430	325	>435	>435
	15.86	76	129	107	210	152	380	198	>435	380	>435	>435
	16.86	81	138	113	225	162	400	210	>435	400	>435	>435
	19.58	94	160	132	260	188	>435	240	>435	>435	>435	>435
	21.81	105	178	147	290	205	>435	270	>435	>435	>435	>435
	24.06	115	196	162	320	230	>435	300				
	25.91	124	210	174	345	245	>435	320	>435	>435		>435
	29.32	141	235	197	390	280	>435	365				
	31.30	150	255	210	420	300	>435	390				
	35.39	166	280	230	>435	330	>435	430	>435	>435	>435	>435
	39.61	186	315	260	>435	370	>435	>435	>435	>435	>435	>435
	46.03	215	365	300	>435	430	>435	>435	>435	>435	>435	>435
	48.95	230	390	320	>435	>435	>435	>435	>435	>435	>435	>435
	56.83	265	>435	370	>435	>435	>435	>435	>435	>435	>435	>435
	63.30	295	>435	415	>435	>435	>435	>435	>435	>435	>435	>435
	69.84	325	>435	>435	>435	>435	>435	>435				
	75.20	350	>435	>435	>435	>435	>435	>435	>435	>435		>435
	85.12	400	>435	>435	>435	>435	>435	>435				
	90.86	425	>435	>435	>435	>435	>435	>435				
	104.37	>435	>435	>435		>435		>435				
	121.48	>435		>435								
	131.87	>435		>435								

→ 124

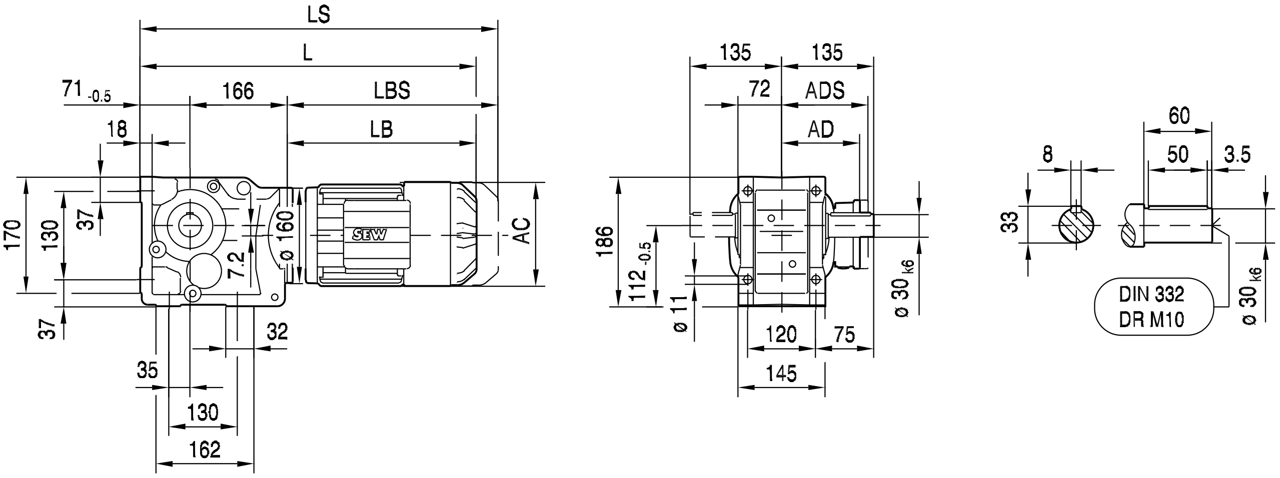
m kg	s	DRL 71S	71M	80S	80M	90L	100L
K47	3	26	27	29	32	40	47
KF: + 3.2 kg / KA: + -0.9 kg / KAF: + 2.0 kg							

DRL..	i	n_{epk} 1/min	η %	c_{TG} K Nm/'	KF Nm/'	KA Nm/'	KAF Nm/'	φ /R '
K47 3	4.64	4500	96	26	23	50	50	12
	5.81	4500	96	26	23	50	50	12
	6.58	4500	96	26	23	50	50	12
	7.36	4500	96	26	23	50	50	11
	8.56	4500	96	26	23	50	50	11
	9.10	4500	96	26	23	50	50	11
	10.56	4500	96	26	23	50	50	11
	11.77	4500	96	26	23	50	50	10
	12.19	4500	96	33	29	90	90	8
	13.65	4500	96	33	29	90	90	8
	15.86	4500	96	33	29	90	90	8
	16.86	4500	96	33	29	90	90	8
	19.58	4500	96	33	29	90	90	8
	21.81	4500	96	33	29	90	90	8
	24.06	4500	96	33	29	90	90	8
	25.91	4500	96	33	29	90	90	8
	29.32	4500	96	33	29	90	90	8
	31.30	4500	96	33	29	90	90	7
	35.39	4500	94	36	32	117	117	7
	39.61	4500	94	36	32	117	117	7
	46.03	4500	94	36	32	117	117	7
	48.95	4500	94	36	32	117	117	7
	56.83	4500	94	36	32	117	117	7
	63.30	4500	94	36	32	117	117	7
	69.84	4500	94	36	32	117	117	6
	75.20	4500	94	36	32	117	117	6
	85.12	4500	94	36	32	117	117	6
	90.86	4500	94	36	32	117	117	6
	104.37	4500	93	36	32	117	117	6
	121.48	4500	93	36	32	117	117	6
	131.87	4500	93	36	32	117	117	6

DRL..							F_{Ramax}				F_{Rapk}			
n_e = 1400	i	M_{amax} Nm	M_{apk} Nm	$M_{aNotaus}$ Nm	n_{ak} 1/min	J_G 10^{-4} kgm^2	K N	KF N	KA N	KAF N	K N	KF N	KA N	KAF N
K47 3	4.64	205	300	349	302	4.4	2980	2970	2040	2040	7060	7060	10000	10000
	5.81	230	305	391	258	3.6	3140	3140	2100	2100	7020	7020	10000	10000
	6.58	240	310	408	228	2.8	3270	3270	2190	2190	6970	6970	10000	10000
	7.36	250	310	425	217	2.3	3380	3390	2270	2270	6970	6970	10000	10000
	8.56	270	310	459	175	1.8	3500	3520	2310	2310	6970	6970	10000	10000
	9.10	280	310	476	165	1.6	3540	3560	2310	2310	6970	6970	10000	10000
	10.56	280	315	476	170	1.2	3830	3840	2580	2580	6920	6920	10000	10000
	11.77	280	315	476	178	1.0	4060	4050	2770	2770	6920	6920	10000	10000
	12.19	350	435	595	279	2.4	3720	3770	2330	2330	900	900	10000	10000
	13.65	360	435	612	249	2.0	3890	3940	2450	2450	900	900	10000	10000
	15.86	380	435	646	208	1.6	4080	4130	2570	2570	900	900	10000	10000
	16.86	380	435	646	214	1.4	4220	4270	2690	2690	900	900	10000	10000
	19.58	400	435	680	179	1.1	4440	4480	2820	2820	900	900	10000	10000
	21.81	400	435	680	179	0.91	4710	4740	3070	3070	900	900	10000	10000
	24.06	400	435	680	179	0.75	4970	4990	3300	3300	900	900	10000	10000
	25.91	400	435	680	178	0.68	5170	5180	3470	3470	900	900	10000	10000
	29.32	400	435	680	177	0.55	5520	5500	3780	3780	900	900	10000	10000
	31.30	400	435	680	179	0.50	5700	5680	3940	3940	900	900	10000	10000
	35.39	400	435	680	93	1.3	5920	5920	4270	4270	900	900	10000	10000
	39.61	400	435	680	96	1.1	5920	5920	4580	4580	900	900	10000	10000
	46.03	400	435	680	100	0.88	5920	5920	5000	5000	900	900	10000	10000
	48.95	400	435	680	100	0.80	5920	5920	5190	5190	900	900	10000	10000
	56.83	400	435	680	104	0.64	5920	5920	5640	5640	900	900	10000	10000
	63.30	400	435	680	104	0.54	5920	5920	5990	5990	900	900	10000	10000
	69.84	400	435	680	100	0.45	5920	5920	6320	6320	900	900	10000	10000
	75.20	400	435	680	93	0.42	5920	5920	6570	6570	900	900	10000	10000
	85.12	400	435	680	82	0.35	5920	5920	7000	7000	900	900	10000	10000
	90.86	400	435	680	77	0.32	5920	5920	7240	7240	900	900	10000	10000
	104.37	400	435	680	67	0.26	5920	5920	7760	7760	900	900	10000	10000
	121.48	400	435	680	58	0.21	5920	5920	8360	8360	900	900	10000	10000
	131.87	400	435	680	53	0.18	5920	5920	8700	8700	900	900	10000	10000

K47..

33 157 00 08



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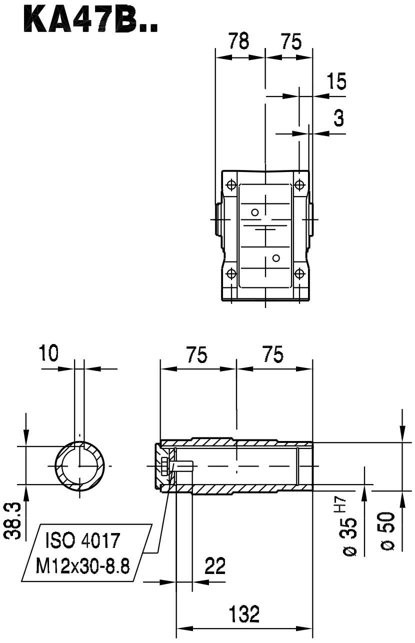

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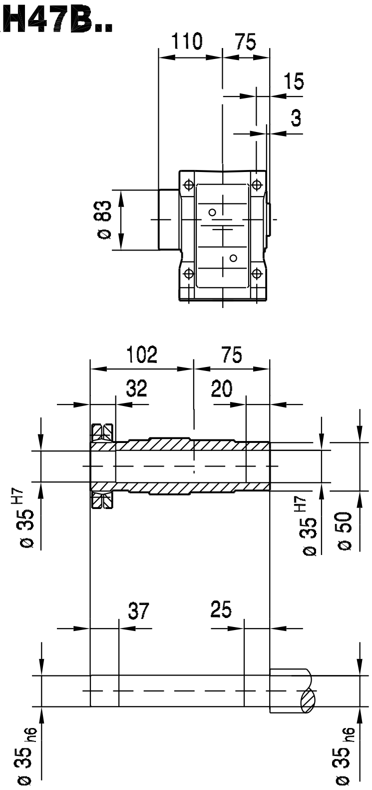

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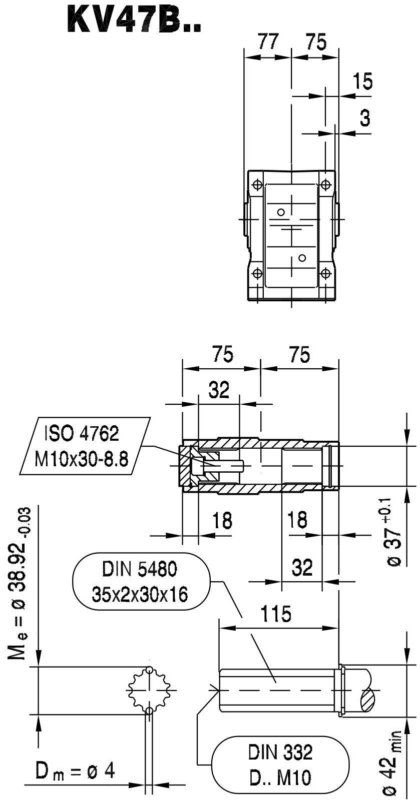
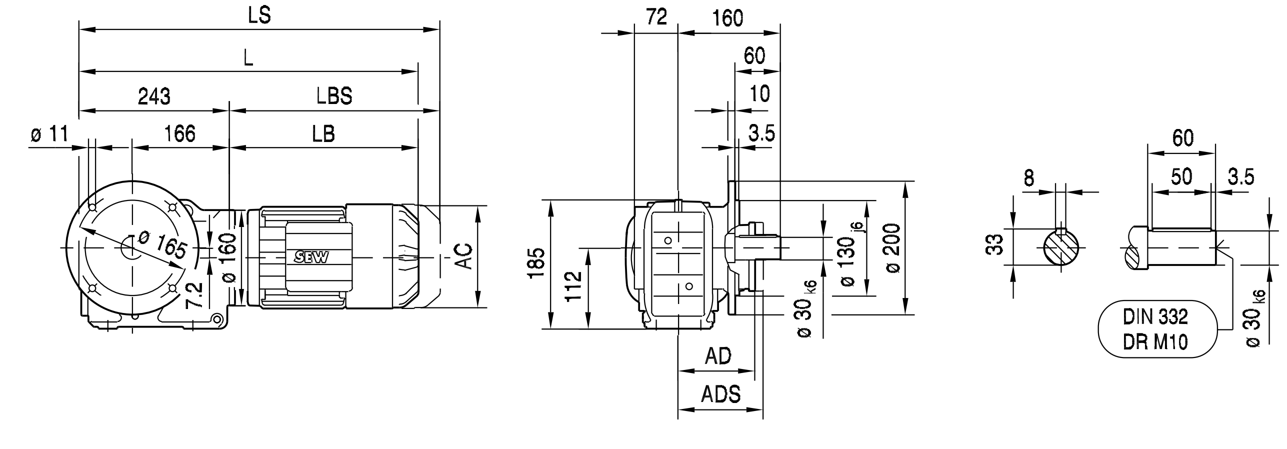


(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L		
AC	139	139	156	156	179	197		
AD	119	119	128	128	140	157		
ADS	129	129	139	139	150	158		
L	517	542	563	594	608	667		
LS	582	607	643	674	694	754		
LB	280	305	326	357	371	430		
LBS	345	370	406	437	457	517		

33 158 00 08

KF47..



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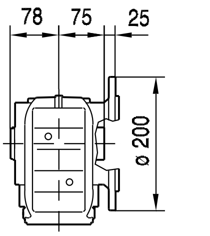

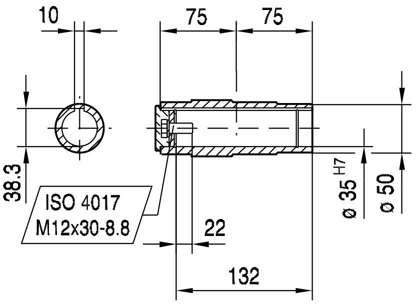

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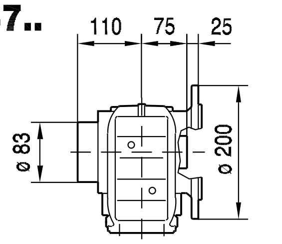

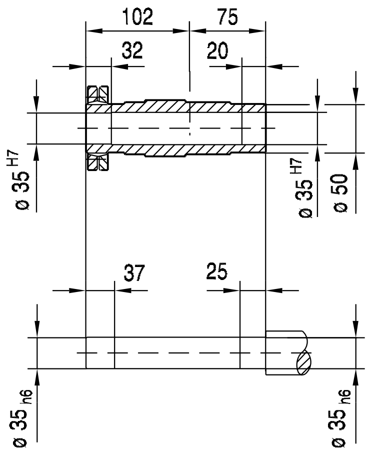

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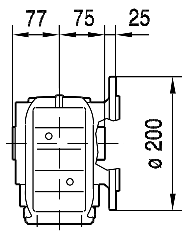
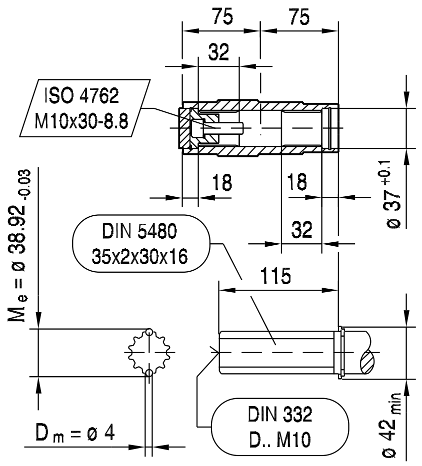
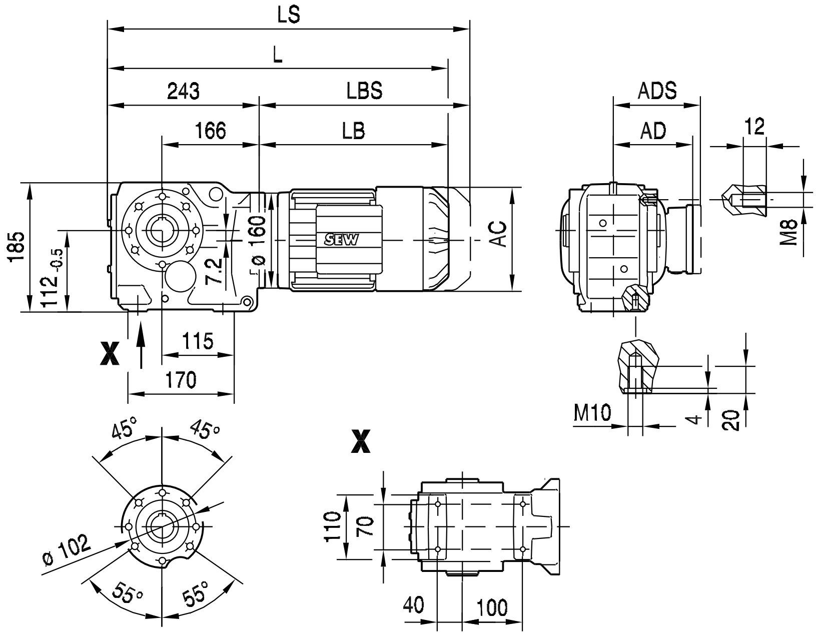


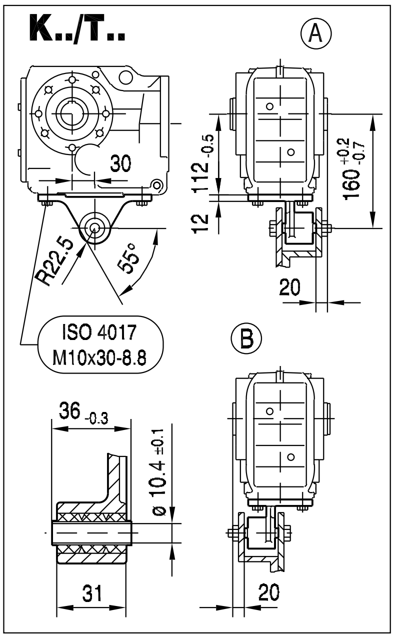


(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L		
AC	139	139	156	156	179	197		
AD	119	119	128	128	140	157		
ADS	129	129	139	139	150	158		
L	523	548	569	600	614	673		
LS	588	613	649	680	700	760		
LB	280	305	326	357	371	430		
LBS	345	370	406	437	457	517		

33 159 00 08

KA47..





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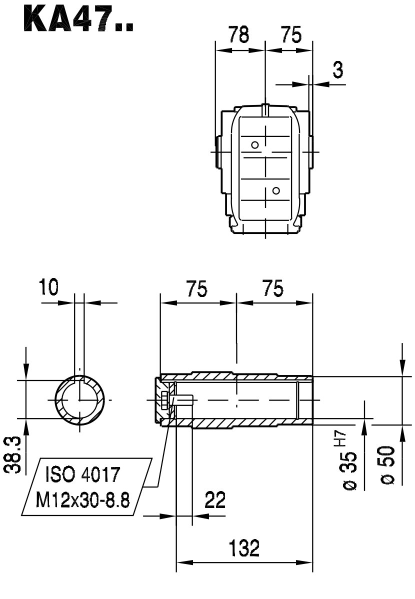

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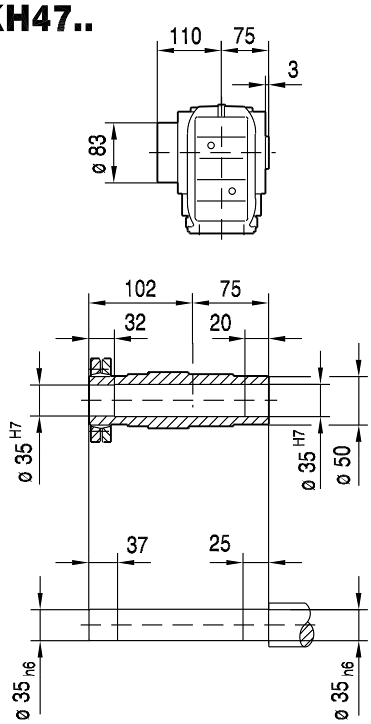

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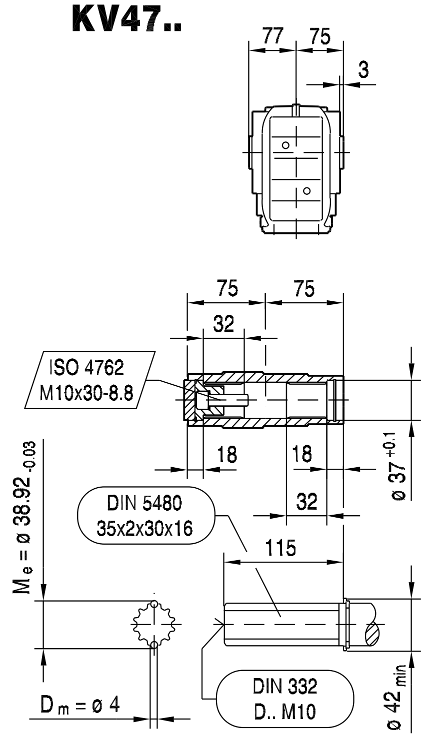
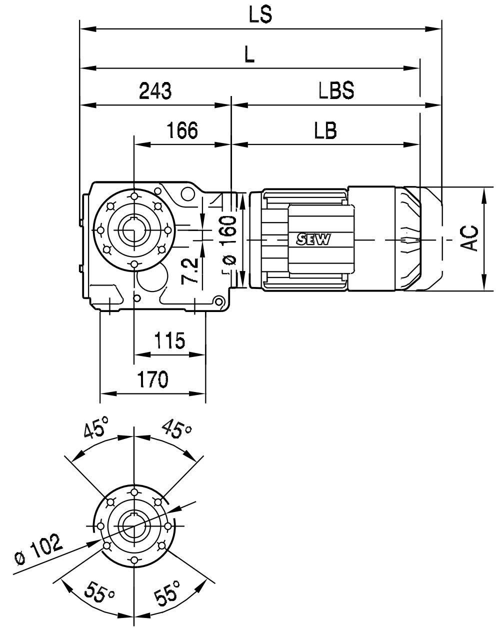
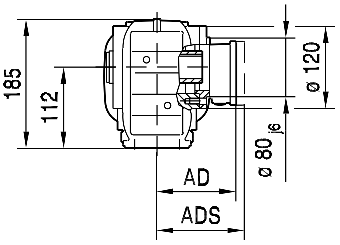


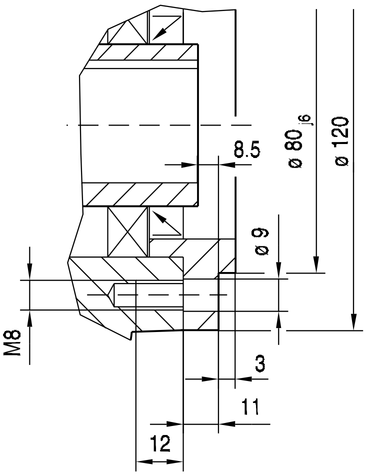
(→ 🕮 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L		
AC	139	139	156	156	179	197		
AD	119	119	128	128	140	157		
ADS	129	129	139	139	150	158		
L	523	548	569	600	614	673		
LS	588	613	649	680	700	760		
LB	280	305	326	357	371	430		
LBS	345	370	406	437	457	517		

33 160 00 08

KAZ47..







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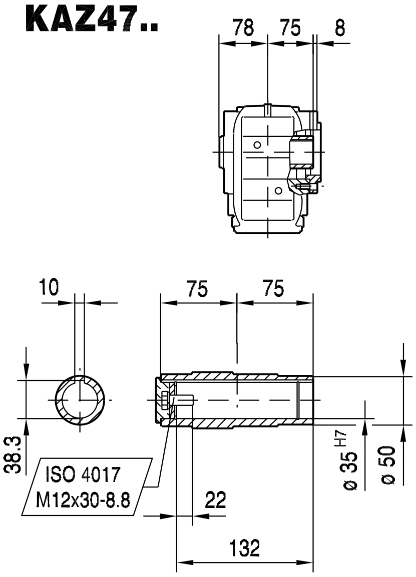

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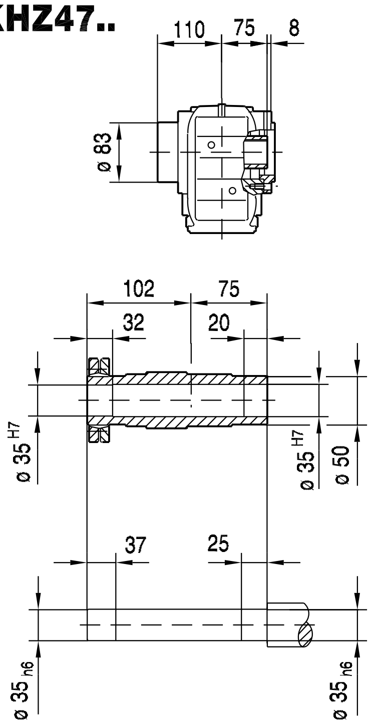

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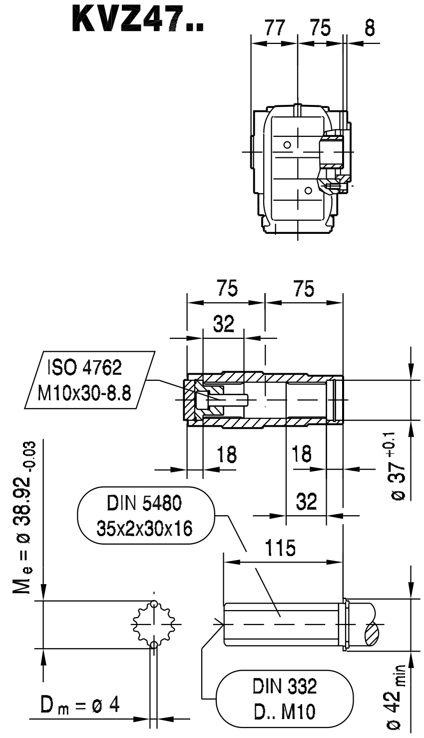
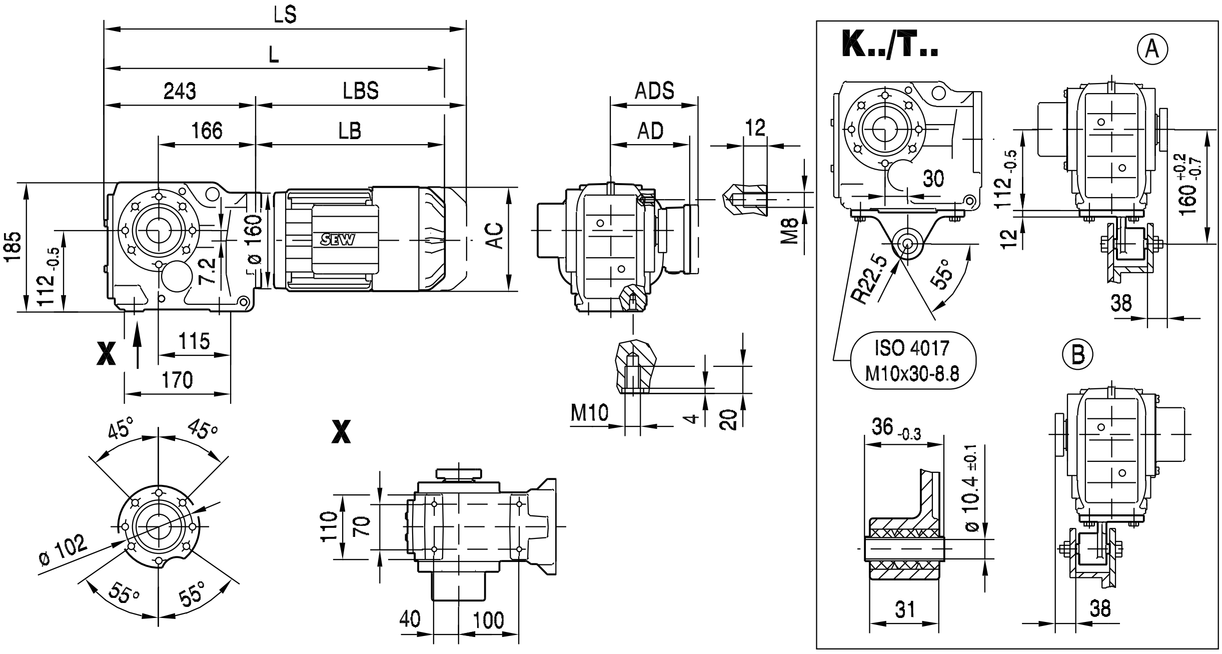
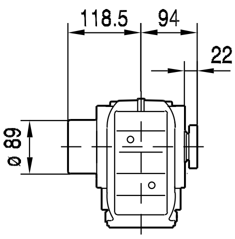


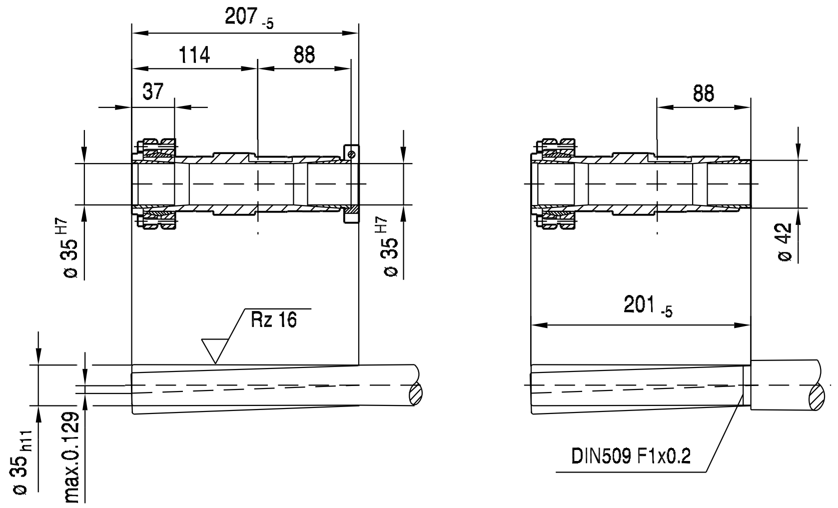
(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L		
AC	139	139	156	156	179	197		
AD	119	119	128	128	140	157		
ADS	129	129	139	139	150	158		
L	523	548	569	600	614	673		
LS	588	613	649	680	700	760		
LB	280	305	326	357	371	430		
LBS	345	370	406	437	457	517		

KT47..

33 161 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	523	548	569	600	614	673		
LS	588	613	649	680	700	760		
LB	280	305	326	357	371	430		
LBS	345	370	406	437	457	517		

10.2.3 K 57

M_{aDyn} Nm		DRL											
	i	71S		71M		80S		80M		90L		100L	132S
		D1	D2	D1	D2	D1	D2	D1	D2	D1	D2	D1	D1
K57 3	4.69		38		63	45	113	59	149	113	205	158	360
	6.57		54		88	63	158	82	205	158	290	220	500
	7.55	36	62	51	101	72	181	94	235	181	330	250	>545
	8.71	42	71	59	117	84	205	109	275	205	380	290	>585
	9.59	46	78	64	129	92	230	120	300	230	420	320	>585
	11.26	54	92	76	151	108	270	141	355	270	495	375	>585
	11.92	57	97	80	160	114	285	149	375	285	525	400	>585
	13.25		108		178	127	315	165	415	315	585	445	>665
	15.22	73	124	102	200	146	365	190	480	365	>665	510	>665
	17.57	84	143	118	235	169	420	215	555	420	>665	590	>665
	19.34	93	158	130	255	186	460	240	610	460	>665	645	>665
	22.71	109	185	153	305	215	545	280	>665	545	>665	>665	>665
	24.05	115	196	162	320	230	575	300	>665	575	>665	>665	>665
	27.34	131	220	184	365	260	655	340	>665	655	>665	>665	
	30.28	145	245	200	405	290	>665	375	>665	>665	>665	>665	
	35.70	171	290	235	475	340	>665	445	>665	>665		>665	
	38.49	181	305	250	505	360	>665	470	>665	>665	>665	>665	>665
	44.43	205	350	290	580	415	>665	540	>665	>665	>665	>665	>665
	48.89	225	390	320	640	455	>665	595	>665	>665	>665	>665	>665
	57.42	265	455	375	>665	535	>665	>665	>665	>665	>665	>665	>665
	60.81	285	485	400	>665	570	>665	>665	>665	>665	>665	>665	>665
	69.12	320	550	450	>665	645	>665	>665	>665	>665	>665	>665	
	76.56	355	610	500	>665	>665	>665	>665	>665	>665	>665	>665	
	90.26	420	>665	590	>665	>665	>665	>665	>665	>665		>665	
	102.88	480	>665	>665	>665	>665	>665	>665					
	108.29	505	>665	>665	>665	>665	>665	>665					
	123.85	575	>665	>665		>665		>665					
	145.14	>665		>665									

→ 124

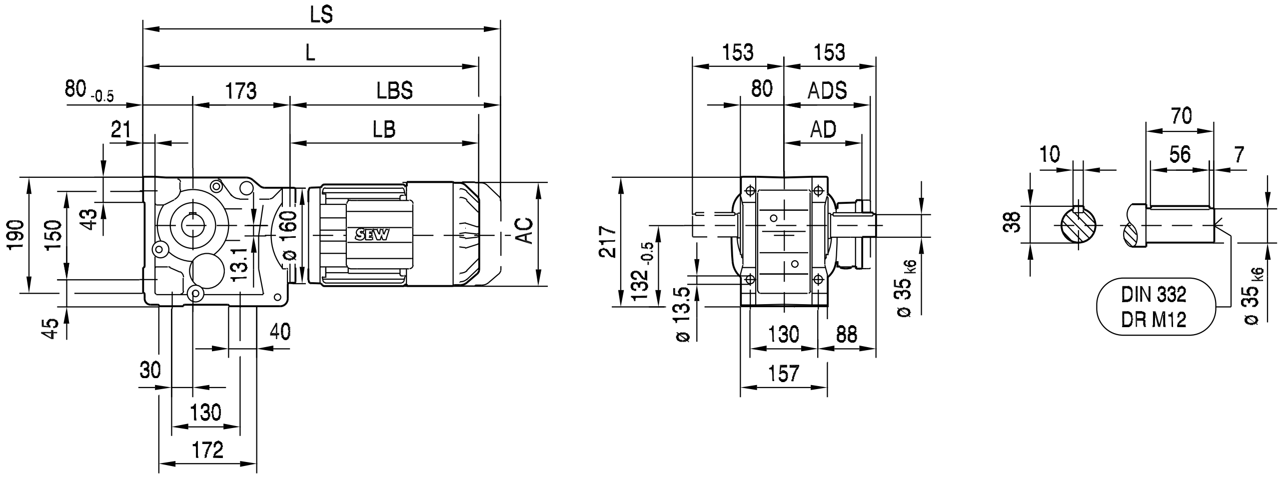
m kg		DRL						
	s	71S	71M	80S	80M	90L	100L	132S
K57	3	31	33	35	38	46	53	69
KF: + 4.7 kg / KA: + -2.1 kg / KAF: + 3.6 kg								

DRL..	i	n_{epk} 1/min	η %	c_{TG} K Nm/'	KF Nm/'	KA Nm/'	KAF Nm/'	φ /R '
K57 3	4.69	4045	96	34	33	81	81	11
	6.57	4500	96	34	33	81	81	10
	7.55	4500	96	34	33	81	81	10
	8.71	4500	96	34	33	81	81	10
	9.59	4500	96	34	33	81	81	10
	11.26	4500	96	34	33	81	81	9
	11.92	4500	96	34	33	81	81	9
	13.25	4500	96	41	39	135	135	7
	15.22	4500	96	41	39	135	135	7
	17.57	4500	96	41	39	135	135	7
	19.34	4500	96	41	39	135	135	7
	22.71	4500	96	41	39	135	135	7
	24.05	4500	96	41	39	135	135	7
	27.34	4500	96	41	39	135	135	7
	30.28	4500	96	41	39	135	135	7
	35.70	4500	96	41	39	135	135	7
	38.49	4500	94	43	40	150	150	6
	44.43	4500	94	43	40	150	150	6
	48.89	4500	94	43	40	150	150	6
	57.42	4500	94	43	40	150	150	6
	60.81	4500	94	43	40	150	150	6
	69.12	4500	94	43	40	150	150	6
	76.56	4500	94	43	40	150	150	6
	90.26	4500	94	43	40	150	150	6
	102.88	4500	94	43	40	150	150	6
	108.29	4500	94	43	40	150	150	6
	123.85	4500	93	43	40	150	150	6
	145.14	4500	93	43	40	150	150	6

DRL.. n_e = 1400	i	M_{amax} Nm	M_{apk} Nm	$M_{aNotaus}$ Nm	n_{ak} 1/min	J_G 10^{-4} kgm^2	F_{Ramax} K N	F_{Ramax} KF N	F_{Ramax} KA N	F_{Ramax} KAF N	F_{Rapk} K N	F_{Rapk} KF N	F_{Rapk} KA N	F_{Rapk} KAF N
	4.69	300	450	510	320	9.0	3800	3980	2580	2580	8520	8520	11500	11500
	6.57	345	517	587	244	5.6	4180	4400	2800	2800	7990	8110	11500	11500
	7.55	365	547	621	225	4.4	4360	4580	2900	2900	7740	7920	11500	11500
	8.71	390	585	663	195	3.5	4520	4760	2980	2980	7420	7660	11500	11500
	9.59	405	585	689	177	3.0	4650	4900	3050	3050	7420	7660	11500	11500
	11.26	415	585	706	178	2.3	4990	5250	3340	3340	7420	7660	11500	11500
	11.92	415	585	706	176	2.1	5150	5400	3470	3470	7420	7660	11500	11500
	13.25	510	665	867	226	4.8	5190	5350	3240	3240	4700	4700	11500	11500
	15.22	535	665	910	197	3.8	5430	5600	3390	3390	4700	4700	11500	11500
	17.57	555	665	944	171	3.0	5740	5910	3610	3610	4700	4700	11500	11500
	19.34	575	665	978	155	2.6	5910	6080	3710	3710	4700	4700	11500	11500
	22.71	600	665	1020	132	2.0	6280	6460	3970	3970	4700	4700	11500	11500
	24.05	600	665	1020	133	1.9	6480	6650	4140	4140	4700	4700	11500	11500
K57 3	27.34	600	665	1020	132	1.5	6930	7090	4550	4550	4700	4700	11500	11500
	30.28	600	665	1020	132	1.2	7300	7460	4880	4880	4700	4700	11500	11500
	35.70	600	665	1020	134	0.95	7630	7720	5440	5440	4700	4700	11500	11500
	38.49	600	665	1020	70	2.3	7630	7720	5710	5710	4700	4700	11500	11500
	44.43	600	665	1020	72	1.9	7630	7720	6240	6240	4700	4700	11500	11500
	48.89	600	665	1020	74	1.6	7630	7720	6610	6610	4700	4700	11500	11500
	57.42	600	665	1020	75	1.3	7630	7720	7260	7260	4700	4700	11500	11500
	60.81	600	665	1020	76	1.2	7630	7720	7490	7490	4700	4700	11500	11500
	69.12	600	665	1020	77	0.98	7630	7720	8040	8040	4700	4700	11500	11500
	76.56	600	665	1020	78	0.85	7630	7720	8500	8500	4700	4700	11500	11500
	90.26	600	665	1020	78	0.67	7630	7720	9260	9260	4700	4700	11500	11500
	102.88	600	665	1020	68	0.46	7630	7720	9900	9900	4700	4700	11500	11500
	108.29	600	665	1020	65	0.41	7630	7720	10200	10200	4700	4700	11500	11500
	123.85	600	665	1020	57	0.33	7630	7720	10900	10900	4700	4700	11500	11500
	145.14	600	665	1020	48	0.27	7630	7720	11500	11500	4700	4700	11500	11500

K57..

33 162 00 08



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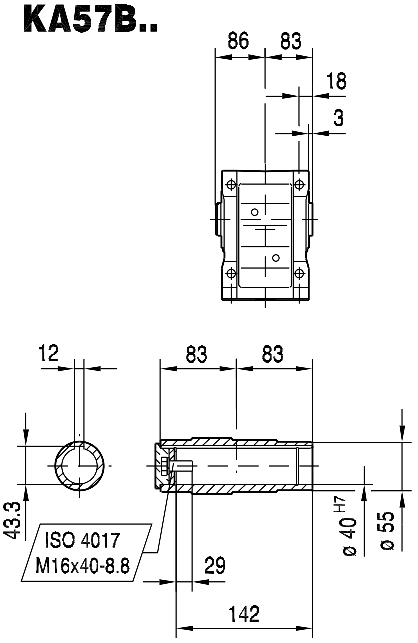

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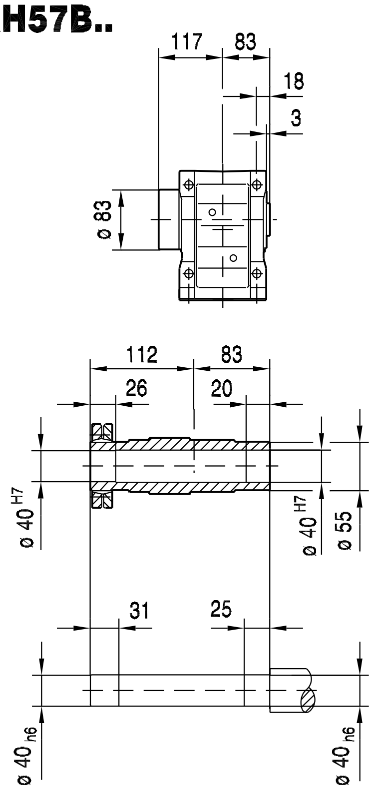

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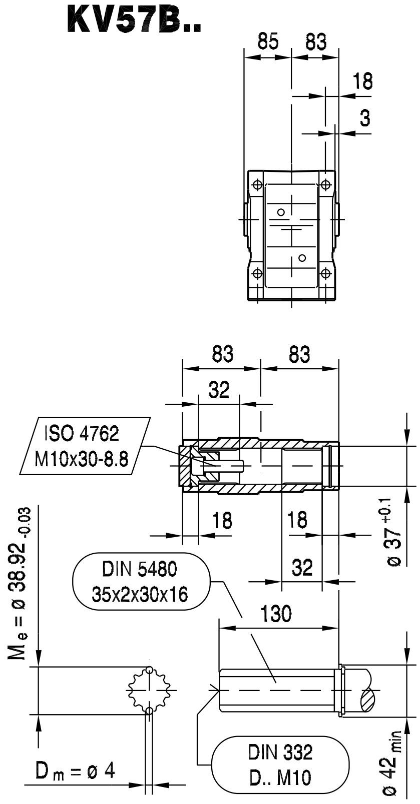
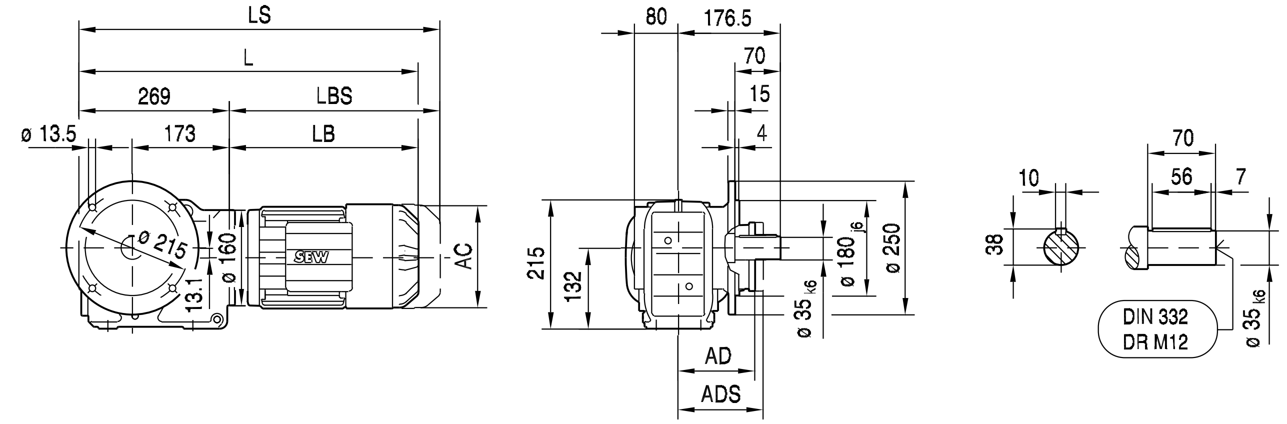


(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	
AC	139	139	156	156	179	197	221	
AD	119	119	128	128	140	157	170	
ADS	129	129	139	139	150	158	172	
L	533	558	579	610	624	683	768	
LS	598	623	659	690	710	770	876	
LB	280	305	326	357	371	430	515	
LBS	345	370	406	437	457	517	623	

33 163 00 08

KF57..



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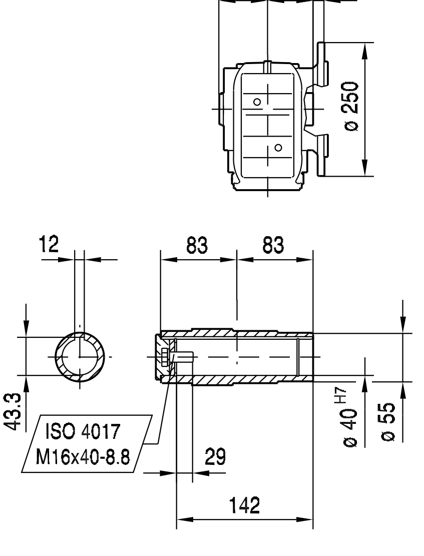

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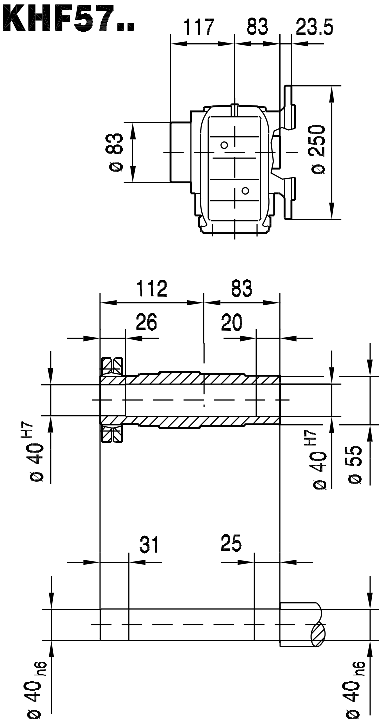
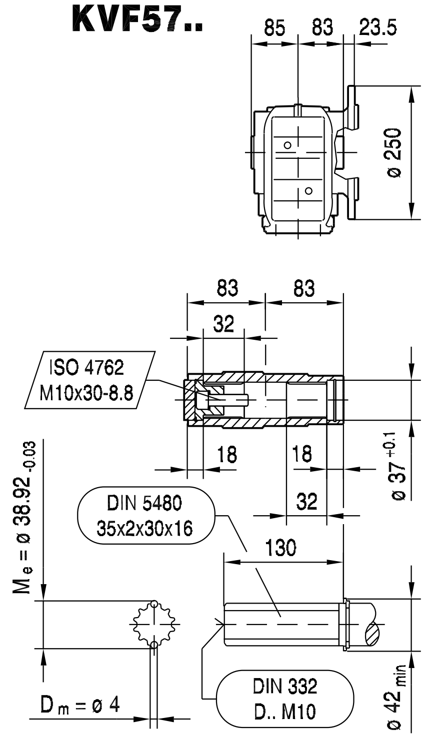


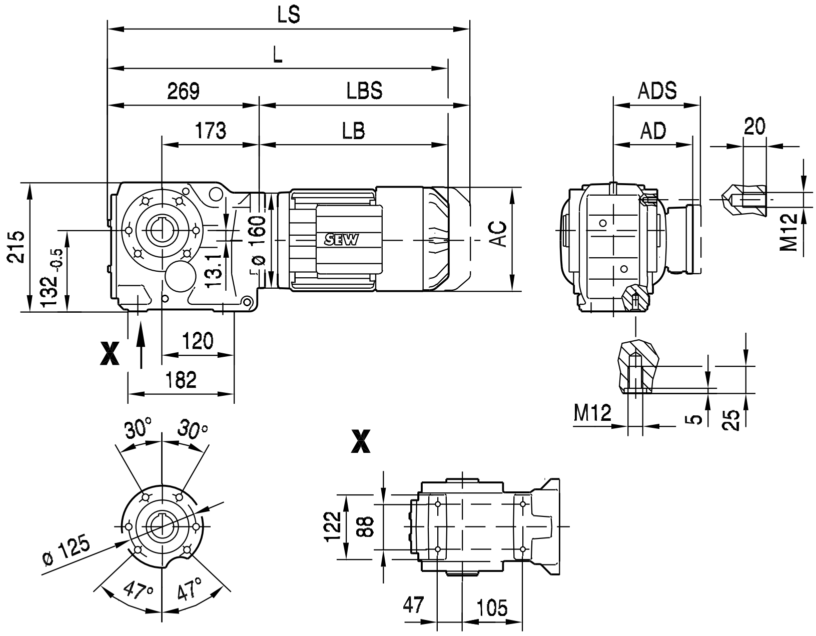
KVF57..

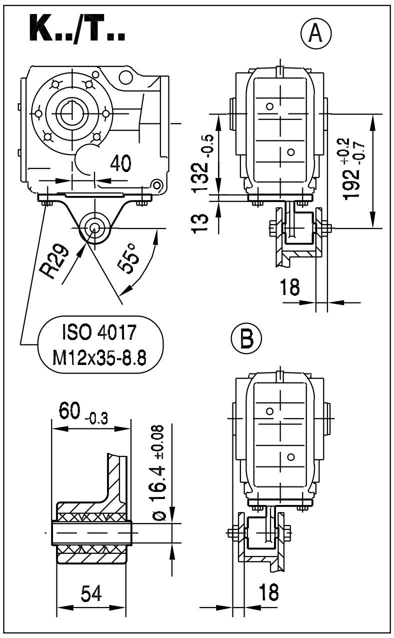


(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	
AC	139	139	156	156	179	197	221	
AD	119	119	128	128	140	157	170	
ADS	129	129	139	139	150	158	172	
L	549	574	595	626	640	699	784	
LS	614	639	675	706	726	786	892	
LB	280	305	326	357	371	430	515	
LBS	345	370	406	437	457	517	623	

33 164 00 08

KA57..





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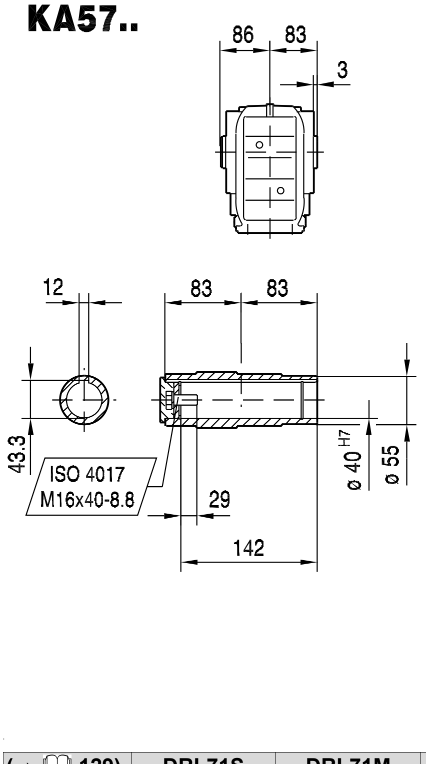

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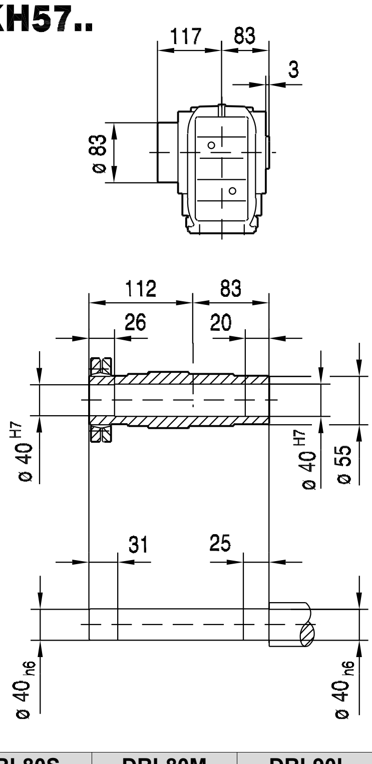

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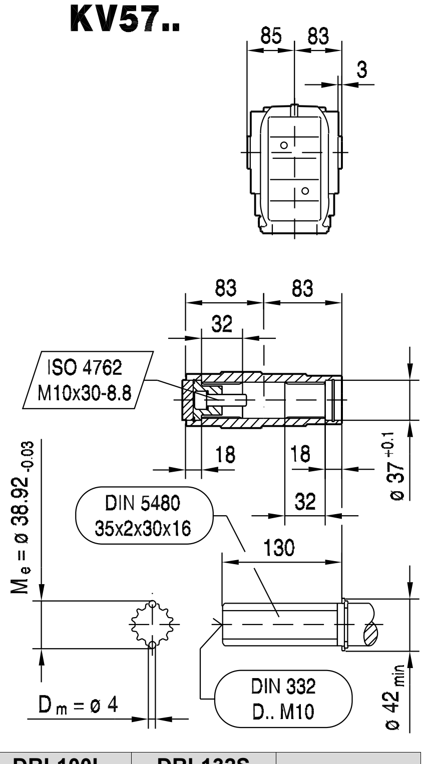
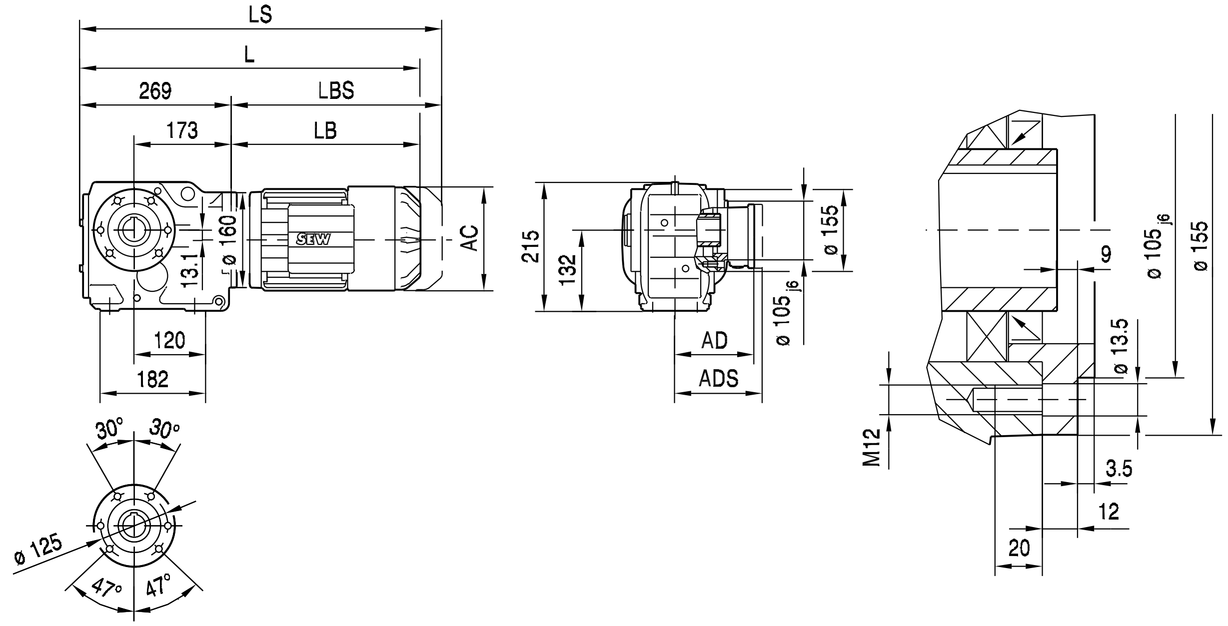


(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	
AC	139	139	156	156	179	197	221	
AD	119	119	128	128	140	157	170	
ADS	129	129	139	139	150	158	172	
L	549	574	595	626	640	699	784	
LS	614	639	675	706	726	786	892	
LB	280	305	326	357	371	430	515	
LBS	345	370	406	437	457	517	623	

33 165 00 08

KAZ57..



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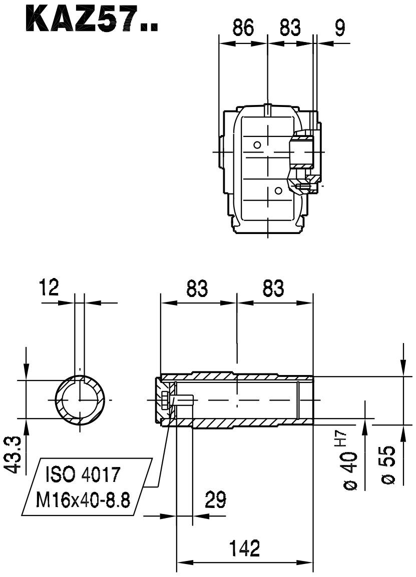

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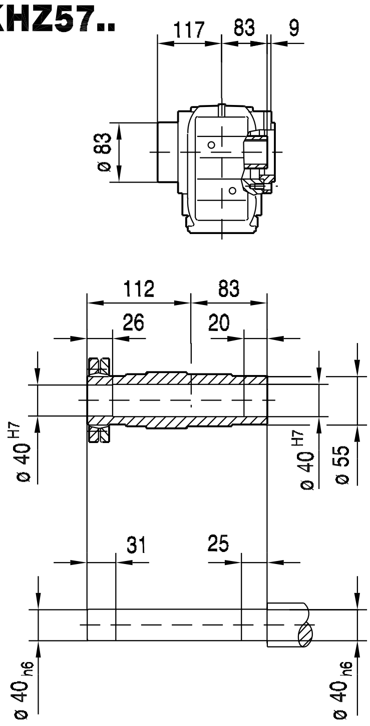

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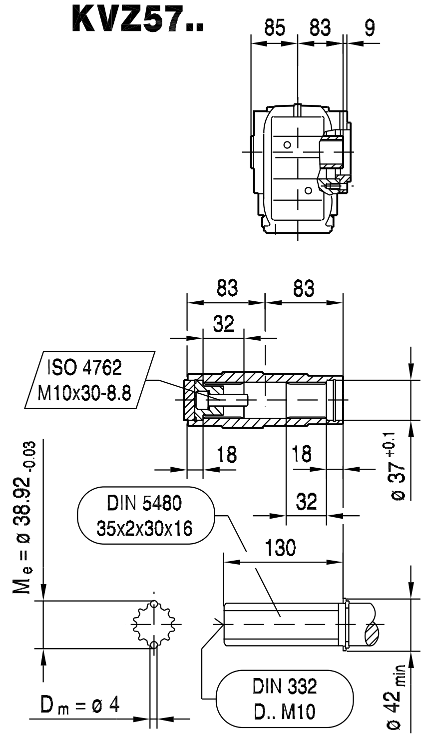
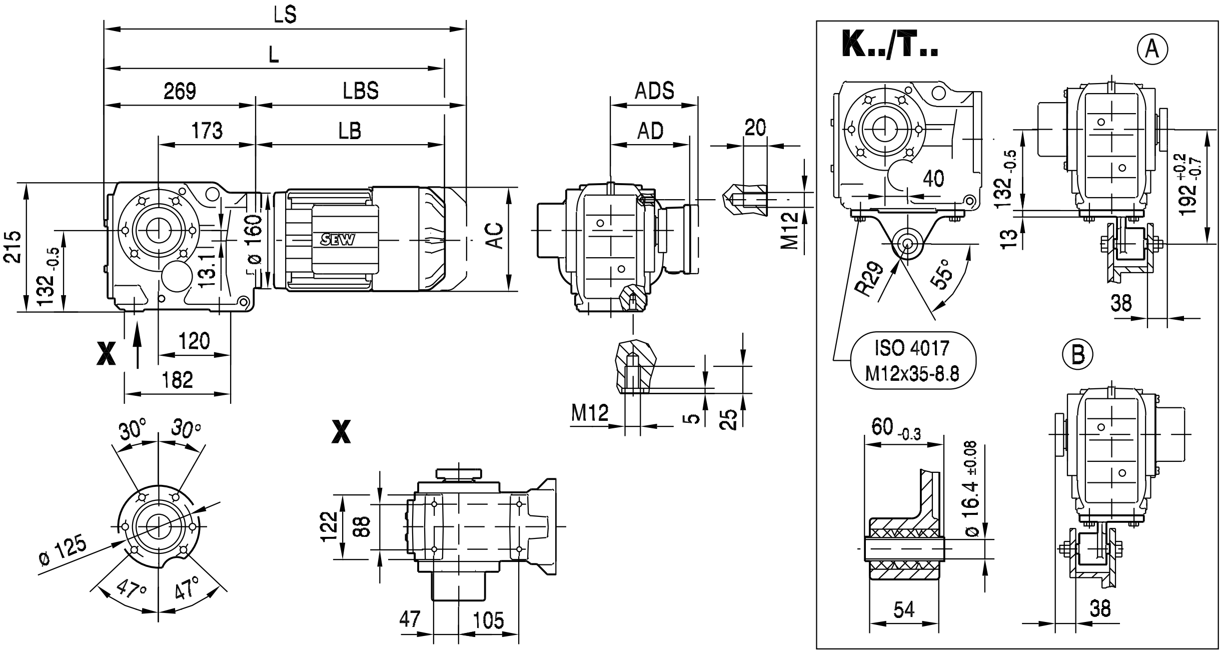
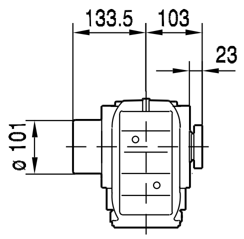


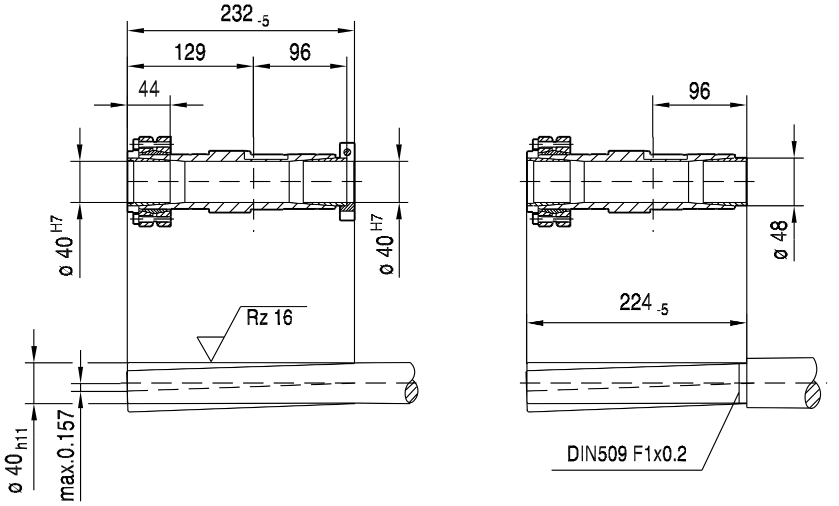
(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	
AC	139	139	156	156	179	197	221	
AD	119	119	128	128	140	157	170	
ADS	129	129	139	139	150	158	172	
L	549	574	595	626	640	699	784	
LS	614	639	675	706	726	786	892	
LB	280	305	326	357	371	430	515	
LBS	345	370	406	437	457	517	623	

KT57..

33 166 00 08







(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	
AC	139	139	156	156	179	197	221	
AD	119	119	128	128	140	157	170	
ADS	129	129	139	139	150	158	172	
L	549	574	595	626	640	699	784	
LS	614	639	675	706	726	786	892	
LB	280	305	326	357	371	430	515	
LBS	345	370	406	437	457	517	623	

10.2.4 K 67

M_{aDyn} Nm	i	DRL 71S D1	71S D2	71M D1	71M D2	80S D1	80S D2	80M D1	80M D2	90L D1	90L D2	100L D1	132S D1	132S D2	132MC D1
K67 3	5.20		42		70	50	125	65	165	125	225	175	395		
	7.28		59		98	70	175	91	230	175	320	240	555	>630	>630
	8.37	40	68	56	112	80	200	104	265	200	365	280	640	>660	>660
	9.66	46	79	65	130	93	230	121	305	230	425	320	>685	>685	>685
	10.63	51	87	71	143	102	255	133	335	255	465	355	>690		
	12.48	60	102	84	168	120	295	156	395	295	550	415	>695		
	13.22		108		178	127	315	165	415	315	580	440	>920	>920	>920
	15.19	73	124	102	200	146	360	190	480	360	670	510	>920	>920	>920
	17.54	84	143	118	235	168	420	215	555	420	770	585	>920	>920	>920
	19.30	93	157	130	255	185	460	240	610	460	850	645	>920		
	22.66	109	185	152	300	215	540	280	715	540	>920	760	>920		
	24.00	115	196	161	320	230	575	295	760	575	>920	800	>920		
	27.28	131	220	183	365	260	650	340	860	650	>920	910			
	30.22	145	245	200	405	290	725	375	>920	725	>920	>920			
	35.62	171	290	235	475	340	850	440	>920	850		>920			
	38.39	180	305	250	505	360	900	465	>920	900	>920	>920	>920	>920	>920
	44.32	205	350	290	580	415	>920	540	>920	>920	>920	>920	>920	>920	>920
	48.77	225	385	320	640	455	>920	595	>920	>920	>920	>920	>920		
	57.28	265	455	375	750	535	>920	695	>920	>920	>920	>920	>920		
	60.66	285	480	395	795	570	>920	740	>920	>920	>920	>920	>920		
	68.95	325	555	455	910	655	>920	850	>920	>920	>920	>920			
	76.37	360	615	505	>920	725	>920	>920	>920	>920	>920	>920			
	90.04	420	715	590	>920	840	>920	>920	>920	>920		>920			
	102.62	480	810	675	>920	>920	>920	>920							
	108.03	505	860	710	>920	>920	>920	>920							
	123.54	580	>920	810		>920		>920							
	144.79	680		>920											

→ 124

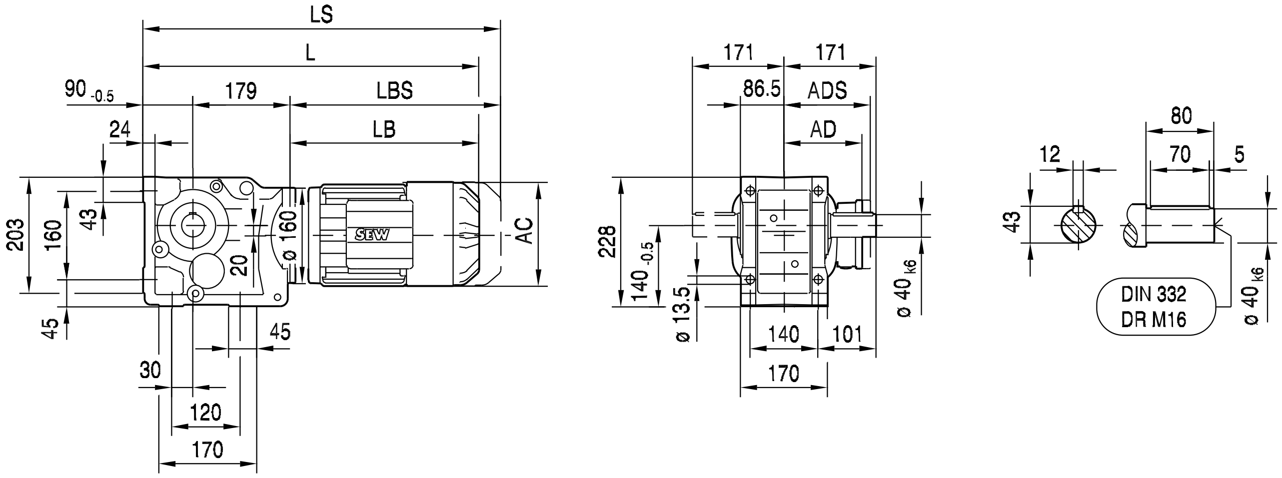
m kg	s	DRL 71S	71M	80S	80M	90L	100L	132S	132MC
K67	3	37	39	41	44	51	59	75	91
KF: + 5.6 kg / KA: + -2.7 kg / KAF: + 3.0 kg									

DRL..	i	n_{epk} 1/min	η %	c_{TG} K Nm/'	c_{TG} KF Nm/'	c_{TG} KA Nm/'	c_{TG} KAF Nm/'	φ /R '
K67 3	5.20	3862	96	58	54	96	96	10
	7.28	4500	96	58	54	96	96	9
	8.37	4500	96	58	54	96	96	9
	9.66	4500	96	58	54	96	96	9
	10.63	4500	96	58	54	96	96	9
	12.48	4500	96	58	54	96	96	9
	13.22	4500	96	73	66	146	146	8
	15.19	4500	96	73	66	146	146	8
	17.54	4500	96	73	66	146	146	7
	19.30	4500	96	73	66	146	146	7
	22.66	4500	96	73	66	146	146	7
	24.00	4500	96	73	66	146	146	7
	27.28	4500	96	73	66	146	146	7
	30.22	4500	96	73	66	146	146	7
	35.62	4500	96	73	66	146	146	7
	38.39	4500	94	77	70	165	165	6
	44.32	4500	94	77	70	165	165	6
	48.77	4500	94	77	70	165	165	6
	57.28	4500	94	77	70	165	165	6
	60.66	4500	94	77	70	165	165	6
	68.95	4500	95	77	70	165	165	6
	76.37	4500	95	77	70	165	165	6
	90.04	4500	94	77	70	165	165	6
	102.62	4500	94	77	70	165	165	6
	108.03	4500	94	77	70	165	165	6
	123.54	4500	94	77	70	165	165	6
	144.79	4500	94	77	70	165	165	6

DRL.. n_e = 1400	i	M_{amax} Nm	M_{apk} Nm	$M_{aNotaus}$ Nm	n_{ak} 1/min	J_G 10^{-4} kgm^2	F_{Ramax} K N	F_{Ramax} KF N	F_{Ramax} KA N	F_{Ramax} KAF N	F_{Rapk} K N	F_{Rapk} KF N	F_{Rapk} KA N	F_{Rapk} KAF N
K67 3	5.20	350	525	595	192	11	9860	10000	2450	2450	12300	12300	13000	13000
	7.28	420	630	714	206	6.3	10700	10900	2480	2480	11700	11700	13000	13000
	8.37	440	660	748	179	4.9	11100	11400	2590	2590	11500	11500	13000	13000
	9.66	480	685	816	155	3.8	11500	11700	2550	2550	11400	11400	13000	13000
	10.63	500	690	850	141	3.2	11800	12000	2590	2590	11300	11300	13000	13000
	12.48	530	695	901	120	2.5	12300	12300	2710	2710	11300	11300	13000	13000
	13.22	670	920	1139	113	5.6	11500	11500	2420	2420	9310	9310	13000	13000
	15.19	700	920	1190	105	4.4	11300	11300	2550	2550	9310	9310	13000	13000
	17.54	740	920	1258	97	3.4	11000	11000	2630	2630	9310	9310	13000	13000
	19.30	760	920	1292	93	2.9	10800	10800	2740	2740	9310	9310	13000	13000
	22.66	780	920	1326	93	2.2	10700	10700	3070	3070	9310	9310	13000	13000
	24.00	800	920	1360	88	2.0	10500	10500	3090	3090	9310	9310	13000	13000
	27.28	820	920	1394	84	1.6	10300	10300	3340	3340	9310	9310	13000	13000
	30.22	820	920	1394	86	1.3	10300	10300	3680	3680	9310	9310	13000	13000
	35.62	820	920	1394	90	1.0	10300	10300	4260	4260	9310	9310	13000	13000
	38.39	800	920	1360	52	2.4	10500	10500	4690	4690	9310	9310	13000	13000
	44.32	820	920	1394	50	1.9	10300	10300	5070	5070	9310	9310	13000	13000
	48.77	820	920	1394	49	1.7	10300	10300	5440	5440	9310	9310	13000	13000
	57.28	820	920	1394	52	1.4	10300	10300	6100	6100	9310	9310	13000	13000
	60.66	820	920	1394	53	1.2	10300	10300	6340	6340	9310	9310	13000	13000
	68.95	820	920	1394	52	1.0	10300	10300	6900	6900	9310	9310	13000	13000
	76.37	820	920	1394	54	0.87	10300	10300	7360	7360	9310	9310	13000	13000
	90.04	820	920	1394	54	0.68	10300	10300	8140	8140	9310	9310	13000	13000
	102.62	820	920	1394	56	0.47	10300	10300	8800	8800	9310	9310	13000	13000
	108.03	820	920	1394	56	0.42	10300	10300	9060	9060	9310	9310	13000	13000
	123.54	820	920	1394	56	0.34	10300	10300	9770	9770	9310	9310	13000	13000
	144.79	820	920	1394	48	0.28	10300	10300	10700	10700	9310	9310	13000	13000

33 167 00 08

K67..



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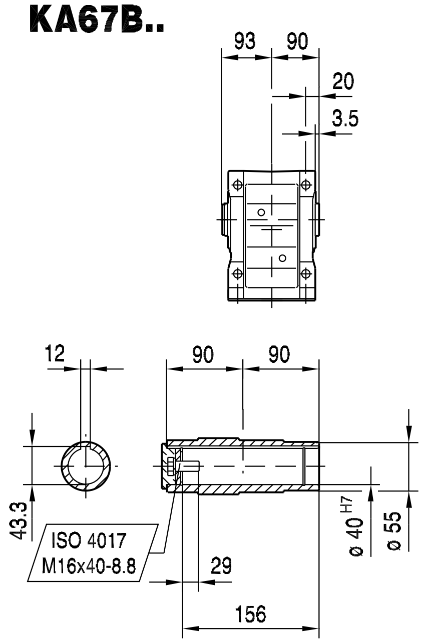

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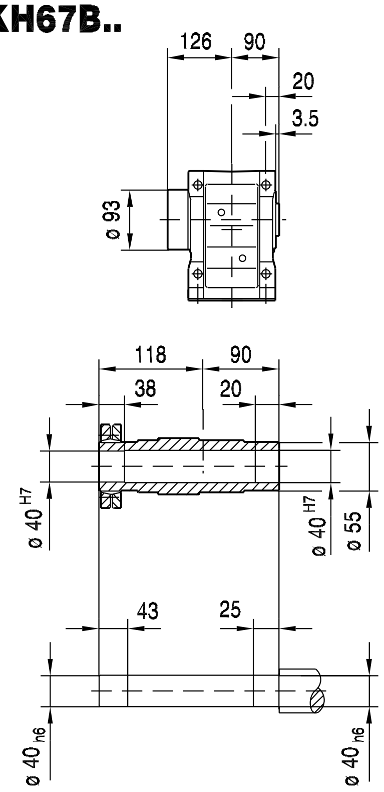

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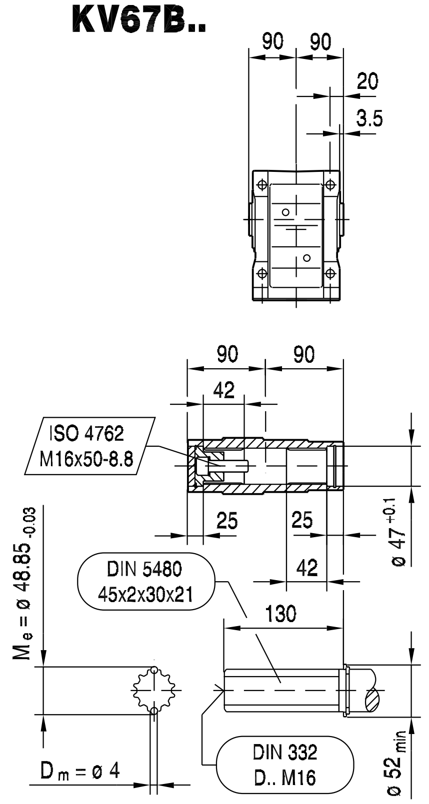
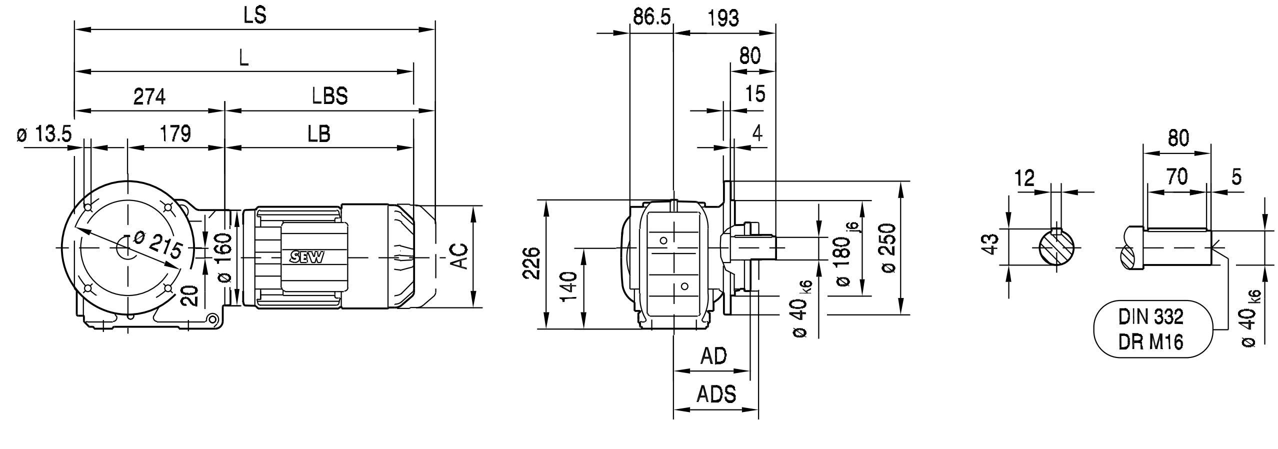


(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	DRL132MC
AC	139	139	156	156	179	197	221	221
AD	119	119	128	128	140	157	170	170
ADS	129	129	139	139	150	158	172	172
L	549	574	595	626	640	699	784	834
LS	614	639	675	706	726	786	892	942
LB	280	305	326	357	371	430	515	565
LBS	345	370	406	437	457	517	623	673

33 168 00 08

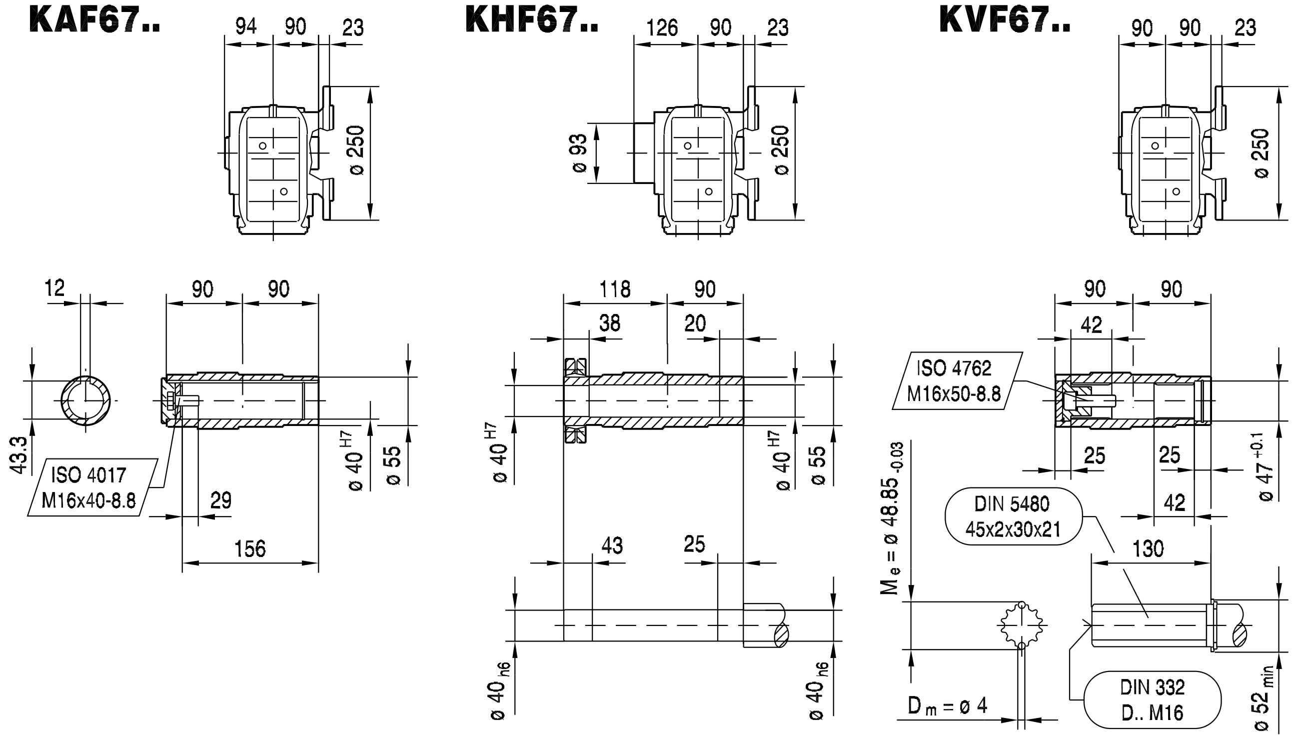
KF67..



KAF67..

KHF67..

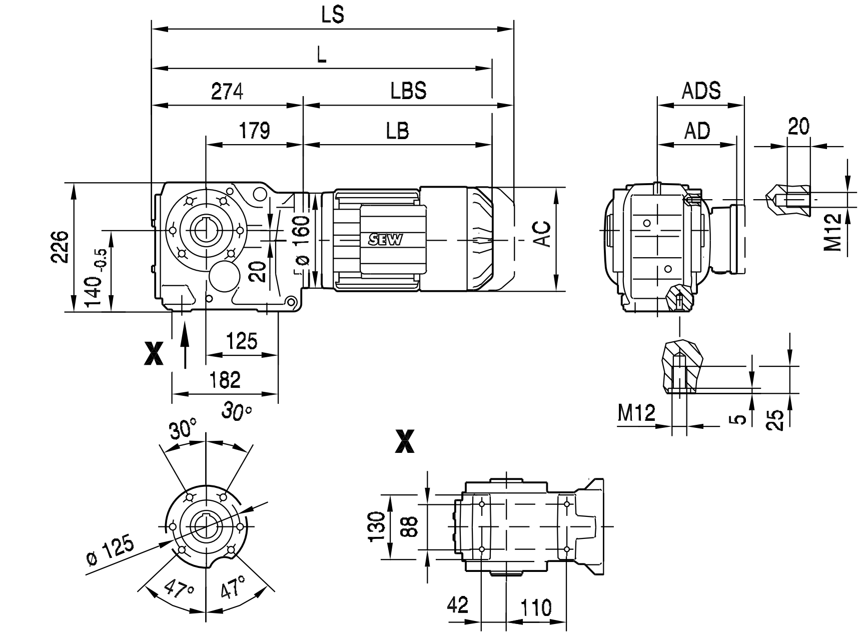
KVF67..



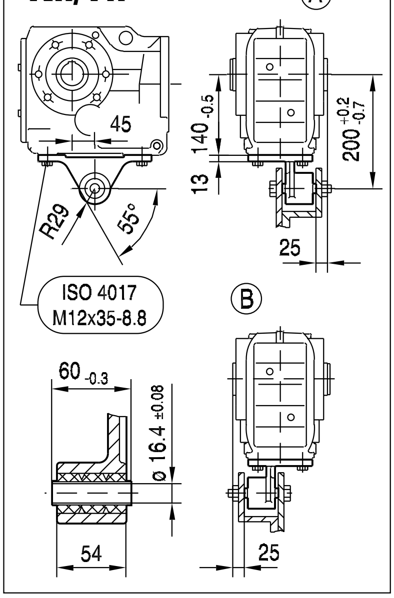
(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	DRL132MC
AC	139	139	156	156	179	197	221	221
AD	119	119	128	128	140	157	170	170
ADS	129	129	139	139	150	158	172	172
L	554	579	600	631	645	704	789	839
LS	619	644	680	711	731	791	897	947
LB	280	305	326	357	371	430	515	565
LBS	345	370	406	437	457	517	623	673

33 169 00 08

KA67..



K../T..



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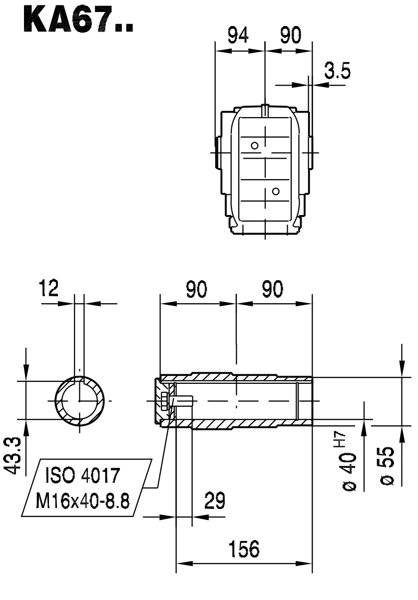

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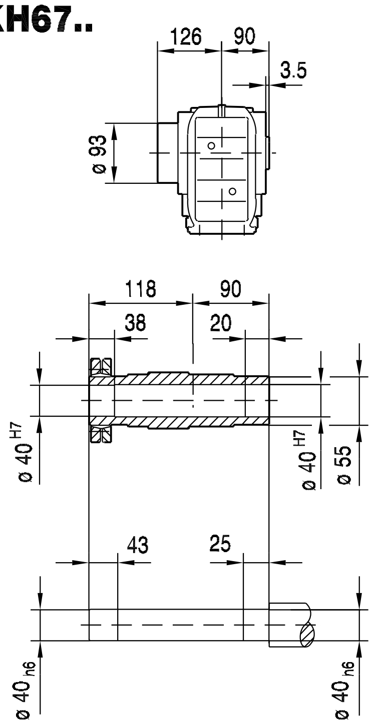

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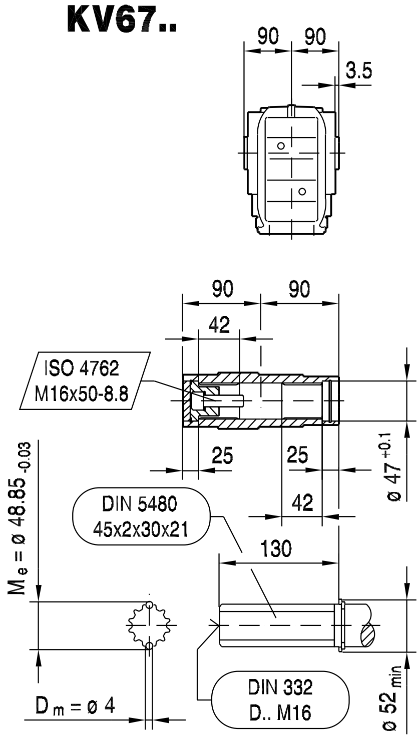
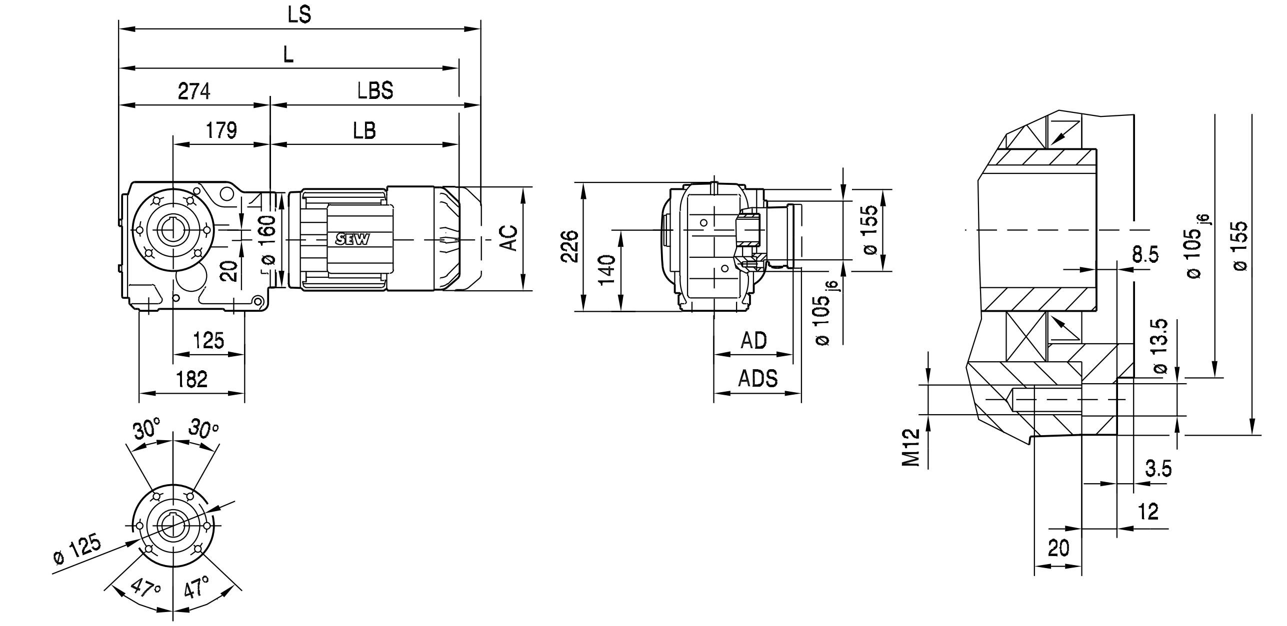


(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	DRL132MC
AC	139	139	156	156	179	197	221	221
AD	119	119	128	128	140	157	170	170
ADS	129	129	139	139	150	158	172	172
L	554	579	600	631	645	704	789	839
LS	619	644	680	711	731	791	897	947
LB	280	305	326	357	371	430	515	565
LBS	345	370	406	437	457	517	623	673

KAZ67..

33 170 00 08



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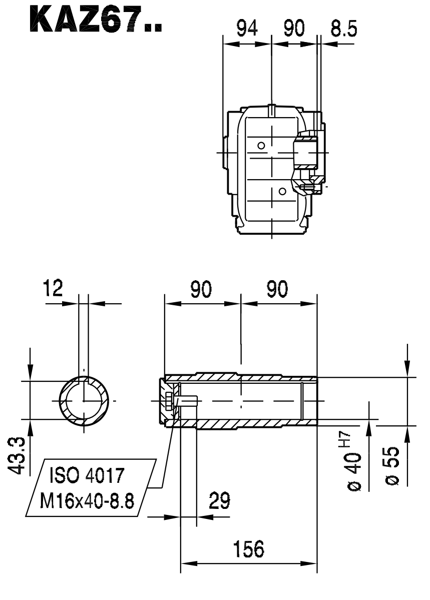

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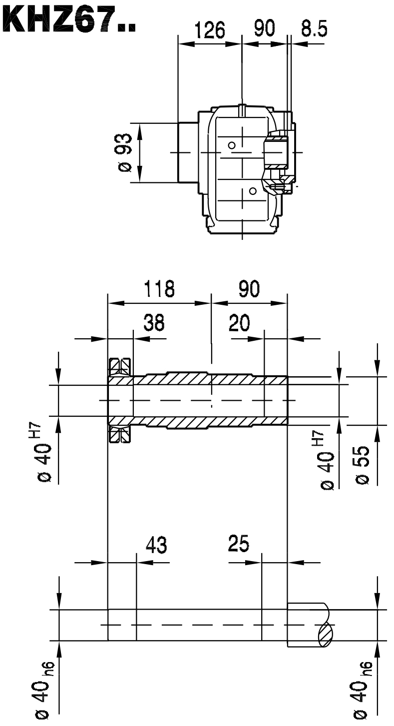

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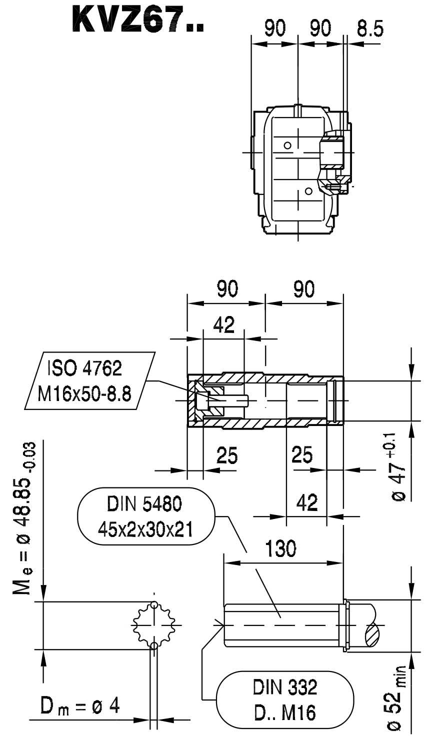
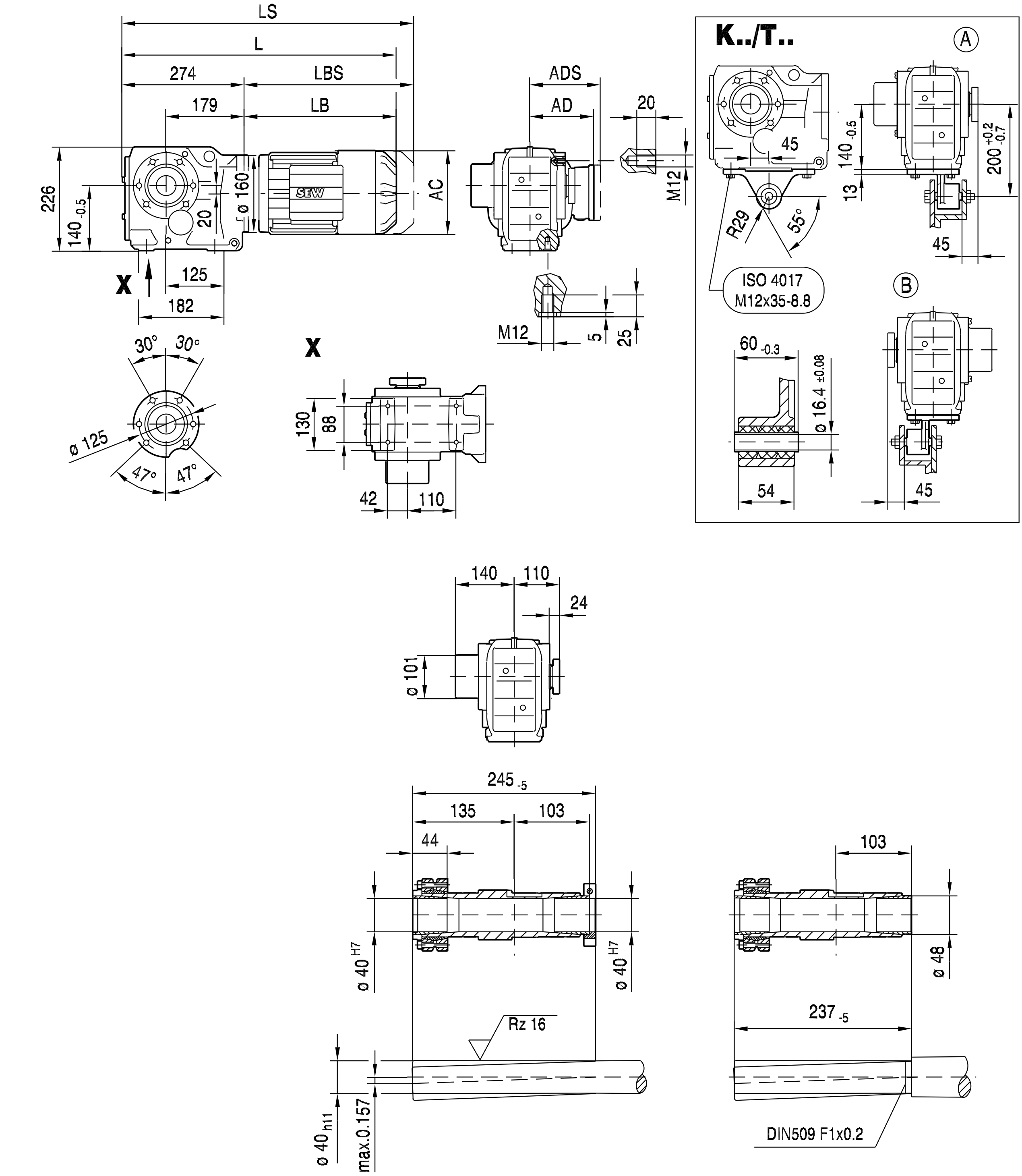


(→ 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	DRL132MC
AC	139	139	156	156	179	197	221	221
AD	119	119	128	128	140	157	170	170
ADS	129	129	139	139	150	158	172	172
L	554	579	600	631	645	704	789	839
LS	619	644	680	711	731	791	897	947
LB	280	305	326	357	371	430	515	565
LBS	345	370	406	437	457	517	623	673

33 171 00 08

KT67..



(→ 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	DRL132MC
AC	139	139	156	156	179	197	221	221
AD	119	119	128	128	140	157	170	170
ADS	129	129	139	139	150	158	172	172
L	554	579	600	631	645	704	789	839
LS	619	644	680	711	731	791	897	947
LB	280	305	326	357	371	430	515	565
LBS	345	370	406	437	457	517	623	673

10.2.5 K 77

M_{aDyn} Nm		DRL									
	i	71S		71M		80S		80M		90L	
		D1	D2	D1	D2	D1	D2	D1	D2	D1	D2
K77 3	7.24		59		97	70	174	90	225	174	315
	8.48		69		114	81	200	106	265	200	370
	9.56		78		128	92	225	119	300	225	420
	10.84	52	88	73	146	104	260	135	340	260	475
	12.36	59	101	83	166	119	295	154	390	295	545
	13.52		110		182	130	320	169	425	320	595
	15.84		129		210	152	380	198	500	380	695
	17.87		146		240	172	425	220	565	425	785
	20.25	97	165	136	270	194	485	250	640	485	890
	23.08	111	188	155	310	220	550	285	730	550	1010
	25.62	123	205	172	340	245	610	315	810	610	1130
	29.27	140	235	197	390	280	700	365	920	700	1290
	30.89	148	250	205	415	295	740	385	970	740	1360
	35.20	169	285	235	470	335	840	435	1110	840	>1550
	38.39	184	310	255	515	365	920	475	1210	920	>1550
	40.04		320		530	380	950	490	1250	950	>1550
	45.16		360		600	425	1070	555	1410	1070	>1550
	51.18	240	410	340	680	485	1210	630	>1550	1210	>1550
	58.34	275	470	385	775	550	1380	720	>1550	1380	>1550
	64.75	305	520	430	860	615	1530	795	>1550	1530	>1550
	73.99	350	595	490	980	700	>1550	910	>1550	>1550	>1550
	78.07	370	630	515	1030	740	>1550	960	>1550	>1550	>1550
	88.97	420	715	590	1180	840	>1550	1090	>1550	>1550	>1550
	97.05	460	780	645	1290	920	>1550	1190	>1550	>1550	>1550
	113.56	530	900	745	1490	1060	>1550	1380	>1550	>1550	
	128.52	600	1020	840	>1550	1200	>1550	>1550			
	135.28	635	1080	890	>1550	1270	>1550	>1550			
	154.02	720	1230	1010		1440		>1550			
	179.37	840		1180							
	192.18	890		1250							

→ 124

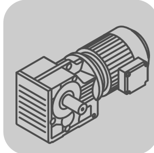
m kg		DRL				
	s	71S	71M	80S	80M	90L
K77	3	63	64	67	70	76
KF: + 8.3 kg / KA: + -7.5 kg / KAF: + 0.4 kg						

M_{aDyn} Nm	i	DRL 100L D1	100L D2	132S D1	132S D2	132MC D1	132MC D2	160M D1	160M D2	160MC D1	160MC D2
K77 3	7.24	240	590	555	1040	900	>1150	1140	>1150	>1150	>1150
	8.48	280	690	650	>1160	1050	>1160	>1160	>1160	>1160	>1160
	9.56	320	780	730	>1160	>1160	>1160	>1160	>1160	>1160	>1160
	10.84	360	880	830	>1170	>1170		>1170		>1170	
	12.36	415	1000	940	>1170	>1170		>1170		>1170	
	13.52	450	1100	1030	>1550	>1550	>1550	>1550	>1550	>1550	>1550
	15.84	530	1290	1210	>1550	>1550	>1550	>1550	>1550	>1550	>1550
	17.87	600	1450	1370	>1550	>1550	>1550	>1550	>1550	>1550	>1550
	20.25	680	>1550	>1550	>1550	>1550		>1550		>1550	
	23.08	775	>1550	>1550	>1550	>1550		>1550		>1550	
	25.62	860	>1550	>1550							
	29.27	980	>1550	>1550							
	30.89	1030	>1550	>1550							
	35.20	1180									
	38.39	1280									
	40.04	1330	>1550	>1550	>1550	>1550	>1550	>1550	>1550	>1550	>1550
	45.16	1500	>1550	>1550	>1550	>1550	>1550	>1550	>1550	>1550	>1550
	51.18	>1550	>1550	>1550	>1550	>1550		>1550		>1550	
	58.34	>1550	>1550	>1550	>1550	>1550		>1550		>1550	
	64.75	>1550	>1550	>1550							
	73.99	>1550	>1550	>1550							
	78.07	>1550	>1550	>1550							
	88.97	>1550									
	97.05	>1550									
	113.56	>1550									
	128.52										
	135.28										
	154.02										
	179.37										
	192.18										

→ 124

m kg	s	DRL 100L	132S	132MC	160M	160MC
K77	3	84	99	115	135	140
KF: + 8.3 kg / KA: + -7.5 kg / KAF: + 0.4 kg						

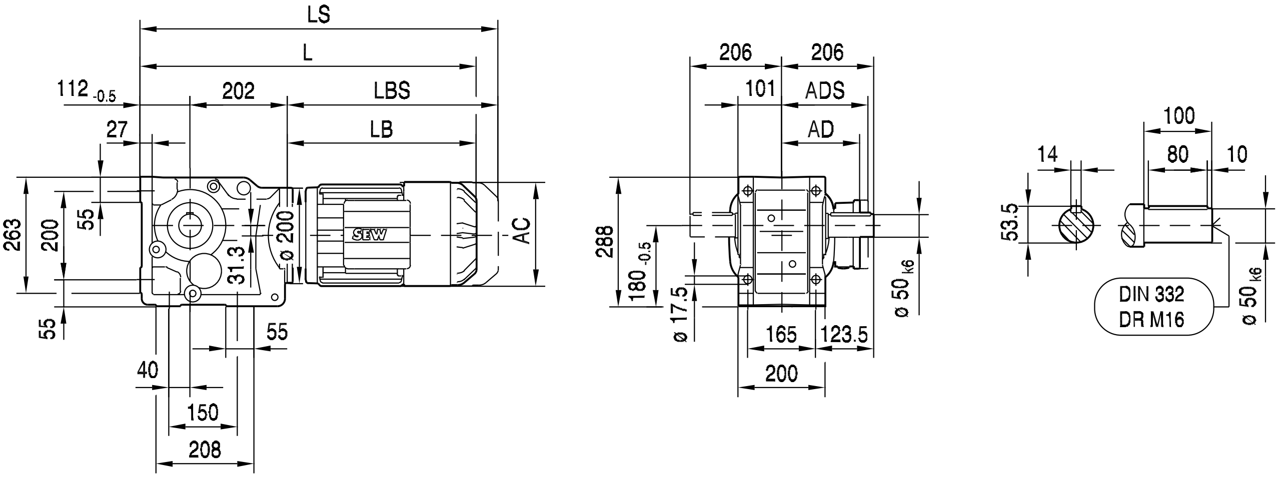
DRL..				c_{TG}				φ
	i	n_{epk} 1/min	η %	K Nm/'	KF Nm/'	KA Nm/'	KAF Nm/'	/R '
K77 3	7.24	4500	96	110	91	188	188	8
	8.48	4500	96	110	91	188	188	8
	9.56	4500	96	110	91	188	188	8
	10.84	4500	96	110	91	188	188	8
	12.36	4500	96	110	91	188	188	8
	13.52	4500	96	141	112	300	300	7
	15.84	4500	96	141	112	300	300	6
	17.87	4500	96	141	112	300	300	6
	20.25	4500	96	141	112	300	300	6
	23.08	4500	96	141	112	300	300	6
	25.62	4500	96	141	112	300	300	6
	29.27	4500	96	141	112	300	300	6
	30.89	4500	96	141	112	300	300	6
	35.20	4500	96	141	112	300	300	6
	38.39	4500	96	141	112	300	300	6
	40.04	4500	95	150	118	348	348	6
	45.16	4500	95	150	118	348	348	6
	51.18	4500	95	150	118	348	348	6
	58.34	4500	95	150	118	348	348	6
	64.75	4500	95	150	118	348	348	5
	73.99	4500	95	150	118	348	348	5
	78.07	4500	95	150	118	348	348	5
	88.97	4500	95	150	118	348	348	5
	97.05	4500	95	150	118	348	348	5
	113.56	4500	94	150	118	348	348	5
	128.52	4500	94	150	118	348	348	5
	135.28	4500	94	150	118	348	348	5
	154.02	4500	94	150	118	348	348	5
	179.37	4500	94	150	118	348	348	5
	192.18	4500	93	150	118	348	348	5



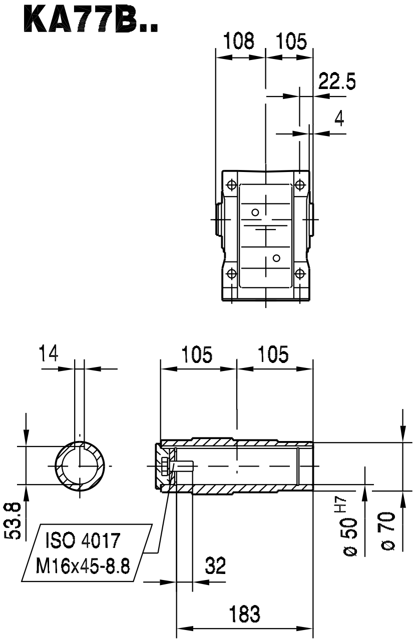
DRL.. n_e = 1400	i	M_{amax} Nm	M_{apk} Nm	$M_{aNotaus}$ Nm	n_{ak} 1/min	J_G 10^{-4} kgm^2	F_{Ramax} K N	F_{Ramax} KF N	F_{Ramax} KA N	F_{Ramax} KAF N	F_{Rapk} K N	F_{Rapk} KF N	F_{Rapk} KA N	F_{Rapk} KAF N
K77 3	7.24	820	1150	1394	207	17	13100	13800	2490	2490	17700	17700	20000	20000
	8.48	890	1160	1513	177	13	13500	14300	2430	2430	17600	17700	20000	20000
	9.56	940	1160	1598	157	10	13900	14700	2430	2430	17600	17700	20000	20000
	10.84	990	1170	1683	138	8.2	14400	15200	2460	2460	17600	17700	20000	20000
	12.36	1000	1170	1700	121	6.5	15100	16000	2820	2820	17600	17700	20000	20000
	13.52	1340	1550	2278	155	15	14800	15800	1850	1850	15400	16600	20000	20000
	15.84	1400	1550	2380	145	11	15500	16600	2030	2030	15400	16600	20000	20000
	17.87	1450	1550	2465	140	9.0	16100	16900	2160	2160	15400	16600	20000	20000
	20.25	1500	1550	2550	128	7.2	15700	16800	2330	2330	15400	16600	20000	20000
	23.08	1550	1550	2635	126	5.8	15400	16600	2550	2550	15400	16600	20000	20000
	25.62	1550	1550	2635	133	5.0	15400	16600	2990	2990	15400	16600	20000	20000
	29.27	1550	1550	2635	137	4.0	15400	16600	3590	3590	15400	16600	20000	20000
	30.89	1550	1550	2635	142	3.6	15400	16600	3840	3840	15400	16600	20000	20000
	35.20	1550	1550	2635	142	2.9	15400	16600	4460	4460	15400	16600	20000	20000
	38.39	1500	1550	2550	159	2.5	15700	16800	5210	5210	15400	16600	20000	20000
	40.04	1550	1550	2635	37	6.0	15400	16600	5100	5100	15400	16600	20000	20000
	45.16	1550	1550	2635	33	4.9	15400	16600	5720	5720	15400	16600	20000	20000
	51.18	1550	1550	2635	29	4.1	15400	16600	6390	6390	15400	16600	20000	20000
	58.34	1550	1550	2635	31	3.3	15400	16600	7130	7130	15400	16600	20000	20000
	64.75	1550	1550	2635	31	3.0	15400	16600	7740	7740	15400	16600	20000	20000
	73.99	1550	1550	2635	31	2.4	15400	16600	8550	8550	15400	16600	20000	20000
	78.07	1550	1550	2635	32	2.3	15400	16600	8890	8890	15400	16600	20000	20000
	88.97	1550	1550	2635	33	1.9	15400	16600	9730	9730	15400	16600	20000	20000
	97.05	1550	1550	2635	32	1.6	15400	16600	10300	10300	15400	16600	20000	20000
	113.56	1550	1550	2635	33	1.3	15400	16600	11400	11400	15400	16600	20000	20000
	128.52	1550	1550	2635	33	0.90	15400	16600	12300	12300	15400	16600	20000	20000
	135.28	1550	1550	2635	33	0.81	15400	16600	12700	12700	15400	16600	20000	20000
	154.02	1550	1550	2635	33	0.66	15400	16600	13700	13700	15400	16600	20000	20000
	179.37	1450	1550	2465	39	0.53	16100	16900	15600	15600	15400	16600	20000	20000
	192.18	1450	1550	2465	36	0.46	16100	16900	16200	16200	15400	16600	20000	20000

K77..

33 172 00 08



KA77B..



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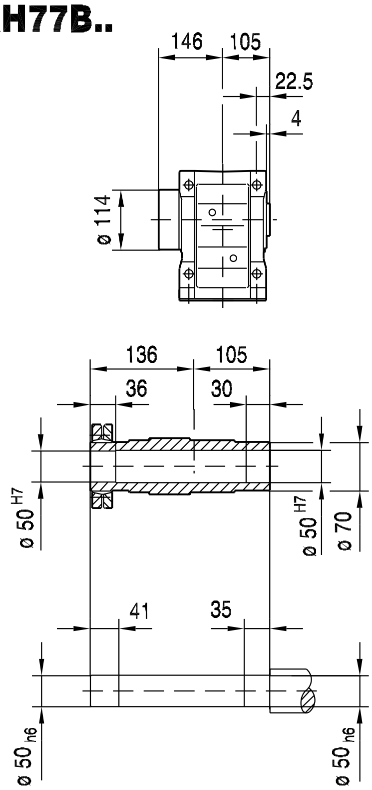

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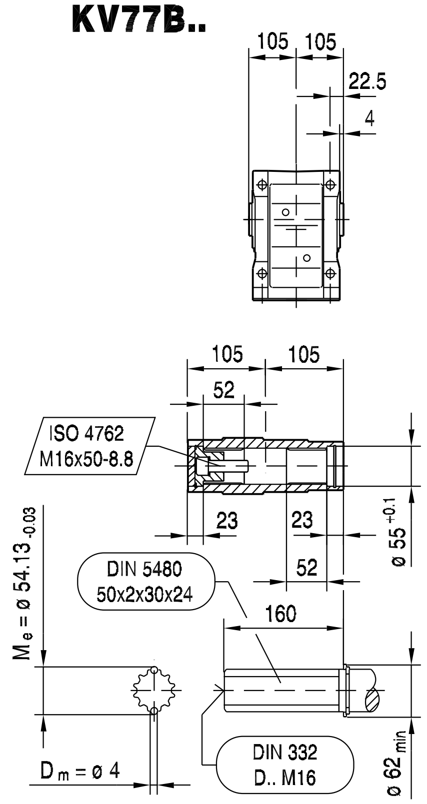
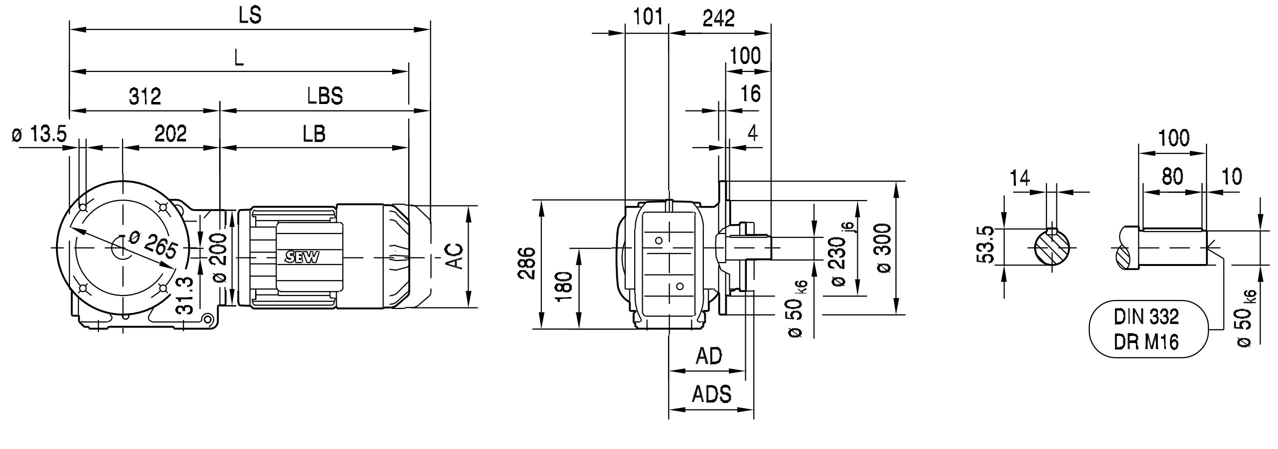


(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	DRL132MC	DRL160..
AC	139	139	156	156	179	197	221	221	270
AD	119	119	128	128	140	157	170	170	228
ADS	129	129	139	139	150	158	172	172	228
L	587	612	633	664	678	737	818	868	872
LS	652	677	713	744	764	824	926	976	1009
LB	273	298	319	350	364	423	504	554	558
LBS	338	363	399	430	450	510	612	662	695

33 173 00 08

KF77..



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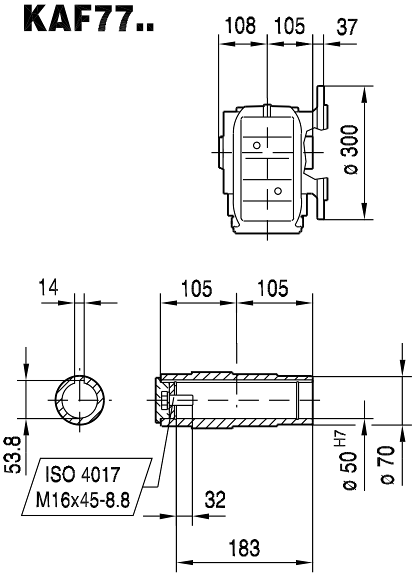
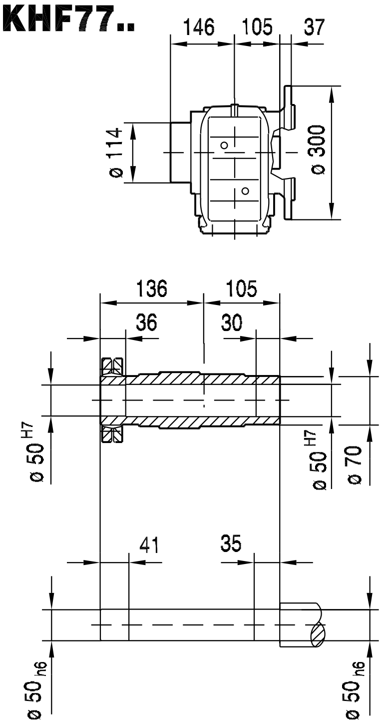
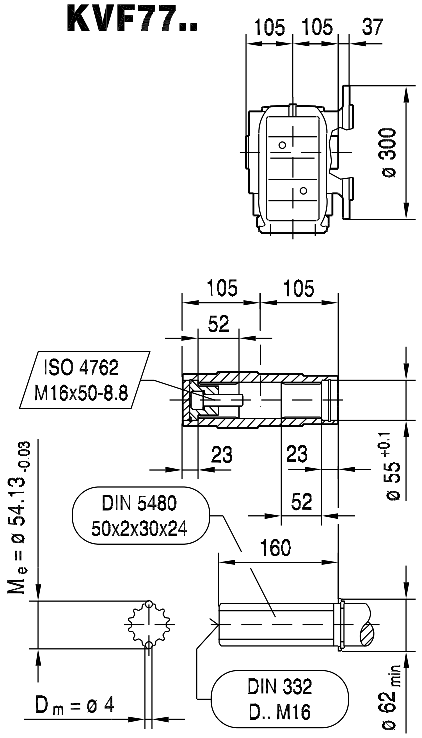


KHF77..



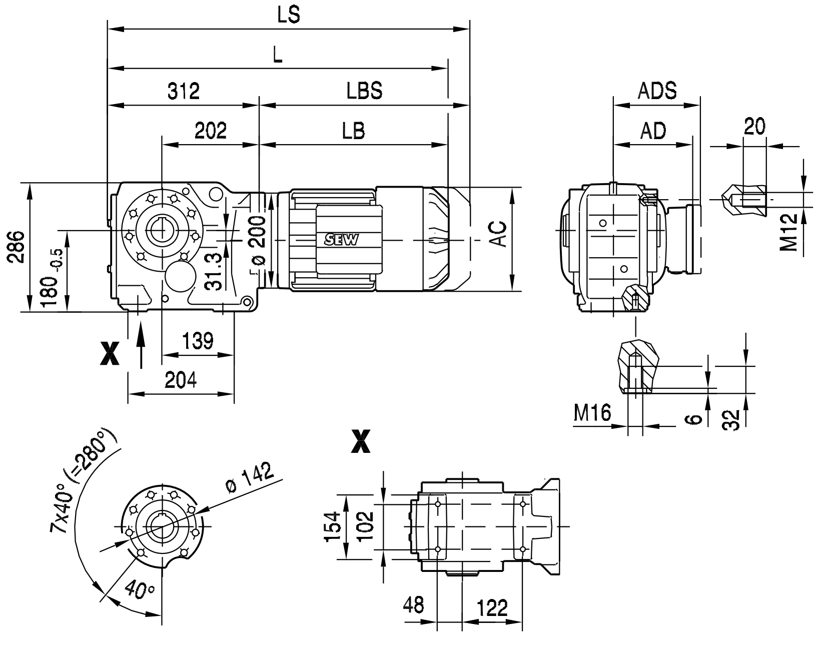
KVF77..

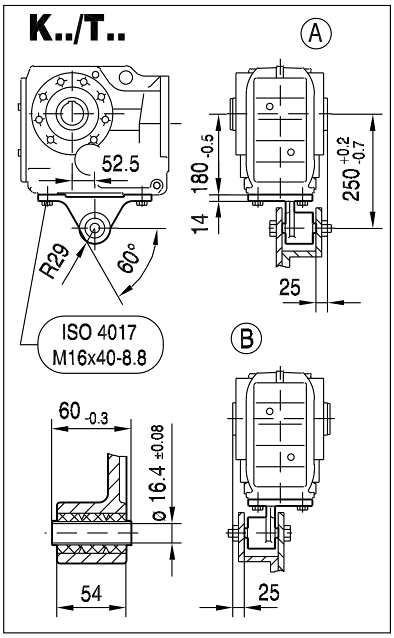


(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	DRL132MC	DRL160..
AC	139	139	156	156	179	197	221	221	270
AD	119	119	128	128	140	157	170	170	228
ADS	129	129	139	139	150	158	172	172	228
L	585	610	631	662	676	735	816	866	870
LS	650	675	711	742	762	822	924	974	1007
LB	273	298	319	350	364	423	504	554	558
LBS	338	363	399	430	450	510	612	662	695

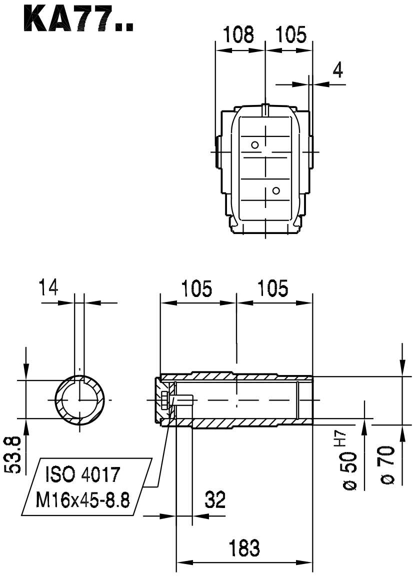
33 174 00 08

KA77..

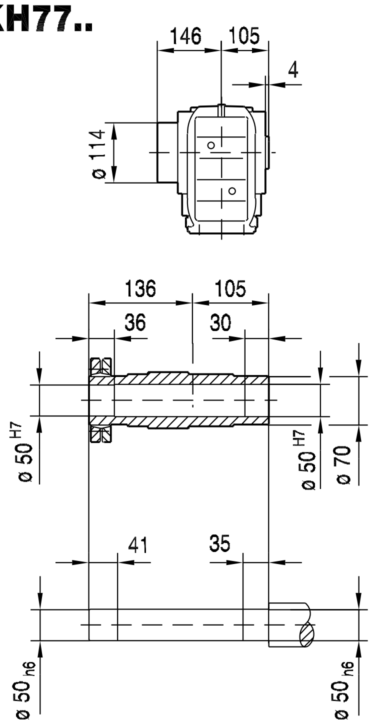




KA77..



KH77..



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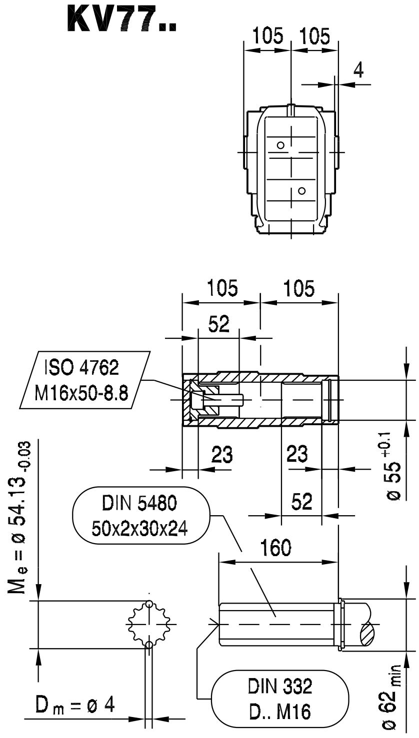
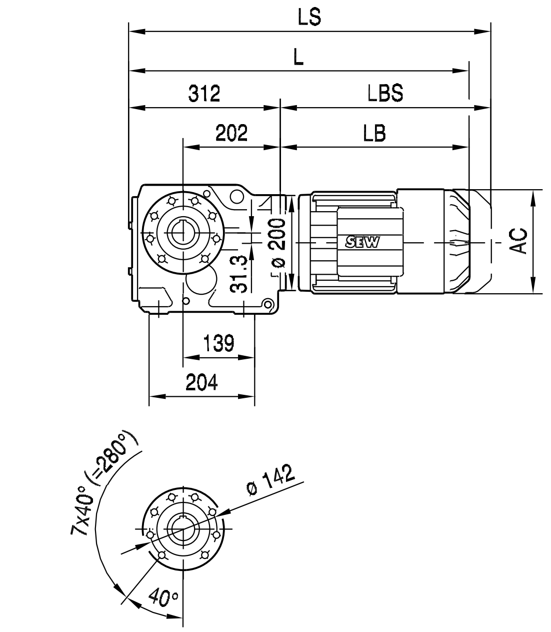
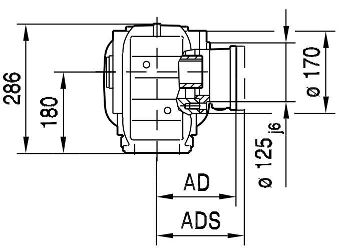


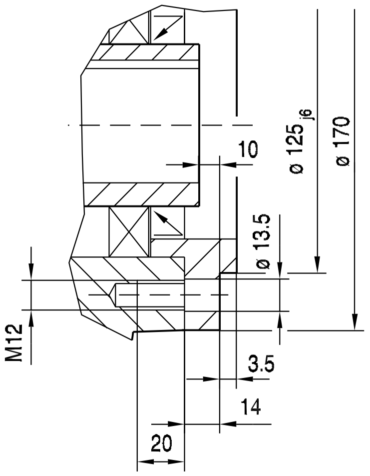
(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	DRL132MC	DRL160..
AC	139	139	156	156	179	197	221	221	270
AD	119	119	128	128	140	157	170	170	228
ADS	129	129	139	139	150	158	172	172	228
L	585	610	631	662	676	735	816	866	870
LS	650	675	711	742	762	822	924	974	1007
LB	273	298	319	350	364	423	504	554	558
LBS	338	363	399	430	450	510	612	662	695

33 175 00 08

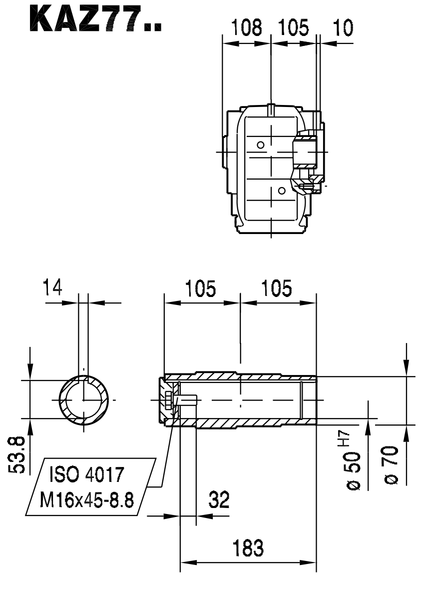
KAZ77..



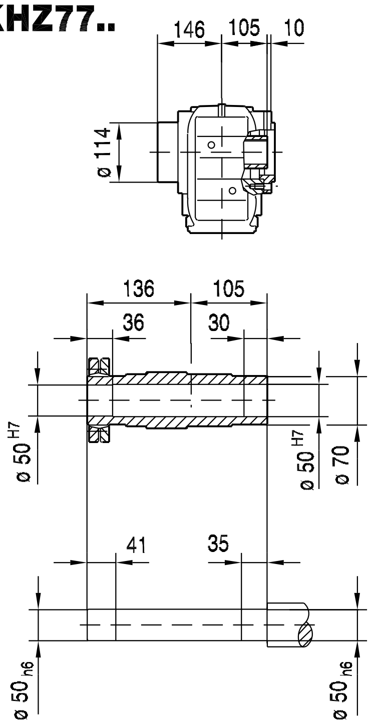




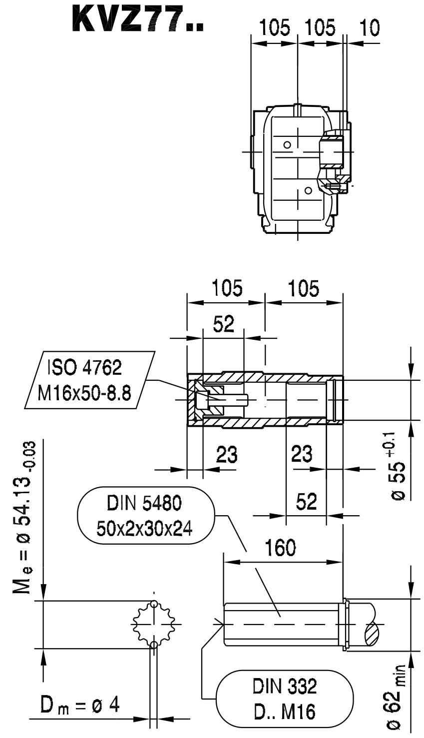
KAZ77..



KHZ77..



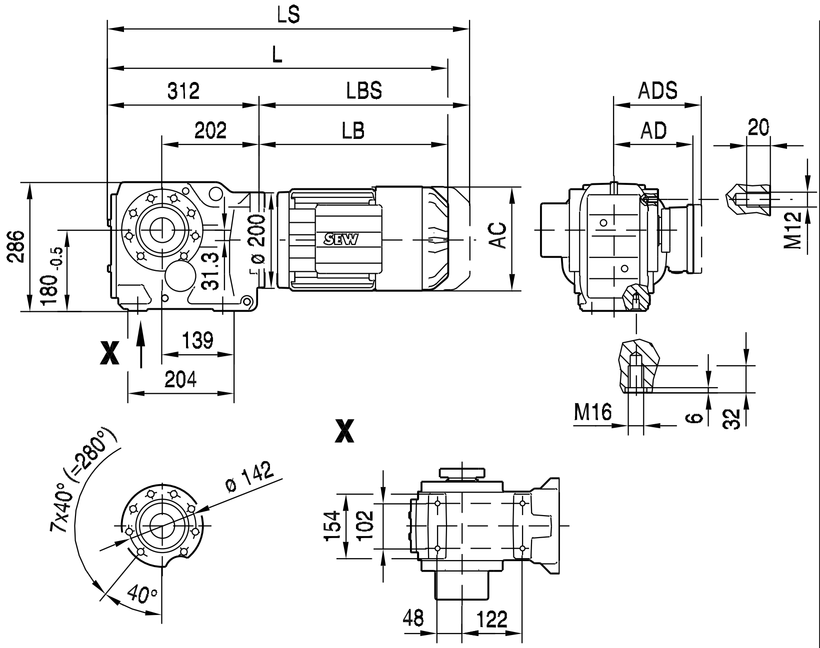
KVZ77..

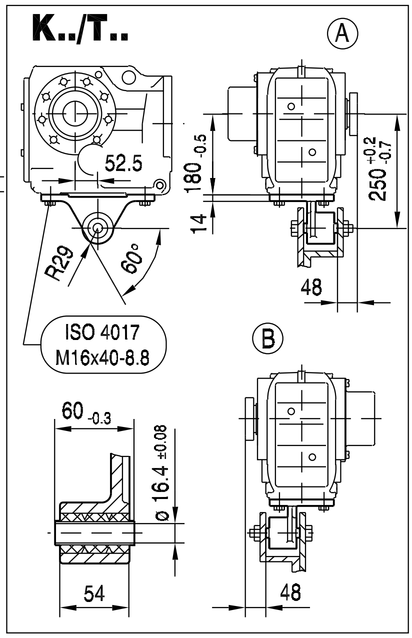


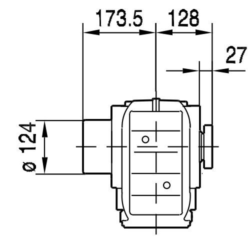
(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	DRL132MC	DRL160..
AC	139	139	156	156	179	197	221	221	270
AD	119	119	128	128	140	157	170	170	228
ADS	129	129	139	139	150	158	172	172	228
L	585	610	631	662	676	735	816	866	870
LS	650	675	711	742	762	822	924	974	1007
LB	273	298	319	350	364	423	504	554	558
LBS	338	363	399	430	450	510	612	662	695

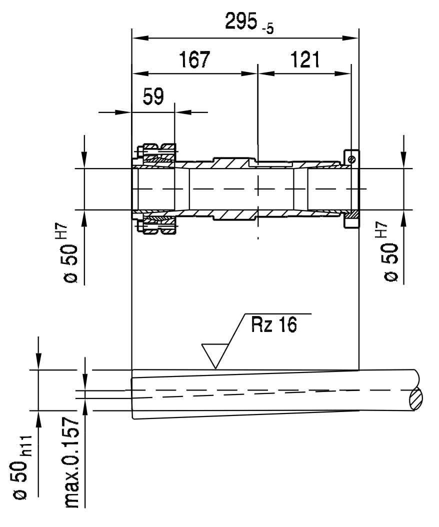
KT77..

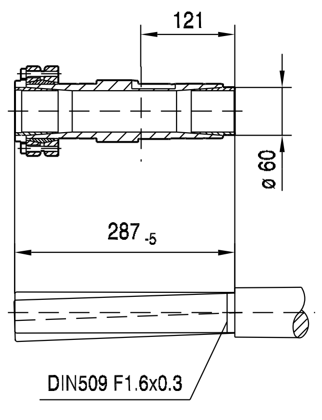
33 176 00 08











(→ 📖 129)	DRL71S	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	DRL132MC	DRL160..
AC	139	139	156	156	179	197	221	221	270
AD	119	119	128	128	140	157	170	170	228
ADS	129	129	139	139	150	158	172	172	228
L	585	610	631	662	676	735	816	866	870
LS	650	675	711	742	762	822	924	974	1007
LB	273	298	319	350	364	423	504	554	558
LBS	338	363	399	430	450	510	612	662	695

Diese Seite bleibt aus drucktechnischen Gründen frei.

10.2.6 K 87

M_{aDyn} Nm		DRL													
	i	71M		80S		80M		90L		100L		132S		132MC	
		D1	D2	D1	D2	D1	D2	D1	D2	D1	D2	D1	D2	D1	D2
K87 3	7.21										585	550	1030	890	1380
	8.29						260	199	365	275	675	635	1190	1030	1590
	10.00						315	240	440	335	810	765	1440	1240	1920
	11.17		150	107	265	139	350	265	490	375	910	850	1600	1390	2140
	12.56										1020	960	1800	1560	2410
	14.45						455	345	635	485	1170	1100	2080	1800	2770
	16.00	108	215	154	380	200	505	380	705	535	1300	1220	>2270	1990	
	17.42						550	415	765	585	1420	1330	2500	2170	>3240
	19.45		260	187	465	240	615	465	850	650	1580	1490	2800	2420	>3240
	22.41		300	215	535	275	705	535	980	750	1820	1720	3220	2790	>3240
	24.92		330	235	595	310	785	595	1100	830	2030	1910	>3240	3110	>3240
	27.88	187	370	265	665	345	880	665	1230	930	2270	2140	>3240	>3240	
	31.39	210	420	300	750	390	990	750	1380	1050	2560	2410	>3240	>3240	
	36.52						1140	860	1590	1210	2940	2770	>3240	>3240	>3240
	44.02						1380	1040	1920	1460	>3240	>3240	>3240	>3240	>3240
	49.16		650	465	1160	605	1540	1160	2140	1630	>3240	>3240	>3240	>3240	>3240
	56.64		750	535	1340	695	1770	1340	2470	1880	>3240	>3240	>3240	>3240	>3240
	63.00		830	595	1490	775	1970	1490	2750	2090	>3240	>3240	>3240	>3240	>3240
	70.46	465	930	665	1670	870	2200	1670	3070	2340	>3240	>3240	>3240	>3240	
	79.34	525	1050	750	1880	970	2480	1880	>3240	2630	>3240	>3240	>3240	>3240	
	86.34	570	1140	820	2050	1060	2700	2050	>3240	2870	>3240	>3240			
	102.71	680	1360	970	2430	1260	3210	2430	>3240	>3240	>3240	>3240			
	115.82	770	1540	1100	2750	1430	>3240	2750	>3240	>3240					
	126.91	840	1680	1200	3010	1560	>3240	3010	>3240	>3240					
	147.32	960	1930	1380	>3240	1800	>3240	>3240		>3240					
	164.34	1080	2160	1540	>3240	2000									
	174.19	1140	2290	1630	>3240	2120									
	197.37	1290		1850		2410									

→ 124

m kg		DRL						
	s	71M	80S	80M	90L	100L	132S	132MC
K87	3	100	105	105	110	120	135	150
KF: + 9.2 kg / KA: + -12.1 kg / KAF: + 1.1 kg								

M_{aDyn} Nm	i	DRL										
		160M		160MC		180S		180M		180L		180LC
		D1	D2	D1	D2	D1	D2	D1	D2	D1	D2	D1
K87 3	7.21	1140	1930	1280	>1950	1450	>1950	1730	>1950	>1950	>1950	>1950
	8.29	1310	>2100	1470	>2100	1670	>2100	1980	>2100	>2100	>2100	>2100
	10.00	1580	>2240	1770	>2240	2010	>2240	>2240	>2240	>2240	>2240	>2240
	11.17	1760	>2250	1980	>2250	>2250	>2250	>2250	>2250	>2250	>2250	>2250
	12.56	1980	>3000	2230	>3000	2530	>3000	>3000	>3000	>3000	>3000	>3000
	14.45	2280	>3150	2560	>3150	2910	>3150	>3150	>3150	>3150	>3150	>3150
	16.00	>2270		>2270								
	17.42	2750	>3240	3090	>3240	>3240	>3240	>3240	>3240	>3240	>3240	>3240
	19.45	3080	>3240	>3240	>3240	>3240	>3240	>3240	>3240	>3240	>3240	>3240
	22.41	>3240	>3240	>3240	>3240	>3240		>3240		>3240		
	24.92	>3240	>3240	>3240	>3240	>3240		>3240		>3240		
	27.88	>3240		>3240								
	31.39	>3240		>3240								
	36.52	>3240	>3240	>3240	>3240	>3240	>3240	>3240	>3240	>3240	>3240	>3240
	44.02	>3240	>3240	>3240	>3240	>3240	>3240	>3240	>3240	>3240	>3240	>3240
	49.16	>3240	>3240	>3240	>3240	>3240	>3240	>3240	>3240	>3240	>3240	>3240
	56.64	>3240	>3240	>3240	>3240	>3240		>3240		>3240		
	63.00	>3240	>3240	>3240	>3240	>3240		>3240		>3240		
	70.46	>3240		>3240								
	79.34	>3240		>3240								
	86.34											
	102.71											
	115.82											
	126.91											
	147.32											
	164.34											
	174.19											
	197.37											

→ 124

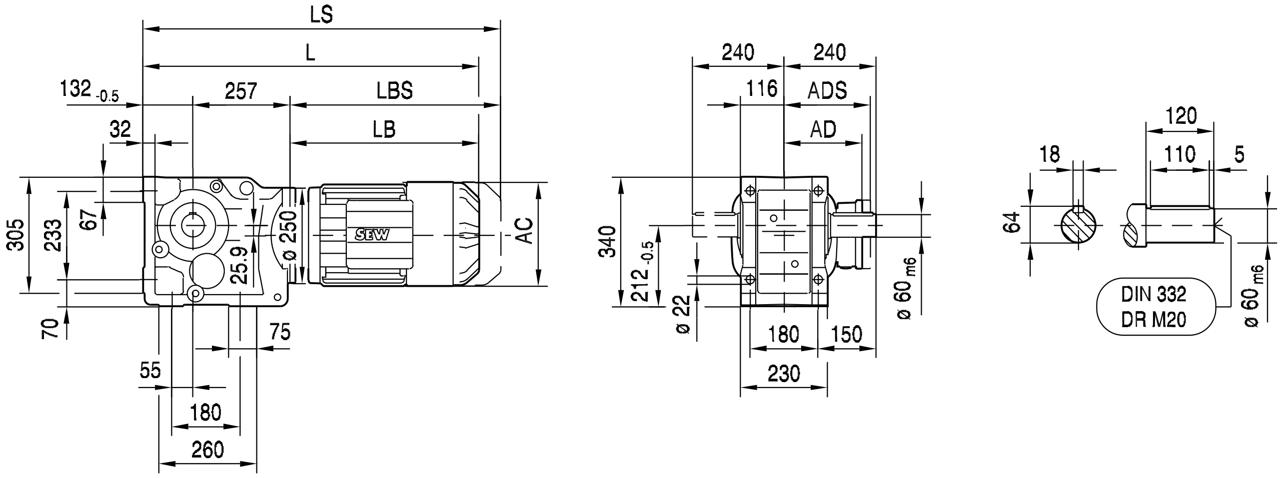
m kg	s	DRL					
		160M	160MC	180S	180M	180L	180LC
K87	3	175	180	205	220	235	245
KF: + 9.2 kg / KA: + -12.1 kg / KAF: + 1.1 kg							

DRL..	i	n_{epk} 1/min	η %	c_{TG} K Nm/'	KF Nm/'	KA Nm/'	KAF Nm/'	φ /R '
K87 3	7.21	4378	96	169	156	411	411	7
	8.29	4500	96	169	156	411	411	7
	10.00	4500	96	169	156	411	411	7
	11.17	4500	96	169	156	411	411	7
	12.56	4378	96	198	181	640	640	6
	14.45	4500	96	198	181	640	640	6
	16.00	4500	96	169	156	411	411	6
	17.42	4500	96	198	181	640	640	6
	19.45	4500	96	198	181	640	640	6
	22.41	4500	96	198	181	640	640	6
	24.92	4500	96	198	181	640	640	6
	27.88	4500	96	198	181	640	640	6
	31.39	4500	96	198	181	640	640	6
	36.52	4500	95	207	188	744	744	6
	44.02	4500	95	207	188	744	744	6
	49.16	4500	95	207	188	744	744	5
	56.64	4500	95	207	188	744	744	5
	63.00	4500	95	207	188	744	744	5
	70.46	4500	95	207	188	744	744	5
	79.34	4500	95	207	188	744	744	5
	86.34	4500	95	207	188	744	744	5
	102.71	4500	95	207	188	744	744	5
	115.82	4500	95	207	188	744	744	5
	126.91	4500	95	207	188	744	744	5
	147.32	4500	94	207	188	744	744	5
	164.34	4500	94	207	188	744	744	5
	174.19	4500	94	207	188	744	744	5
	197.37	4500	94	207	188	744	744	5

DRL.. n_e = 1400	i	M_{amax} Nm	M_{apk} Nm	$M_{aNotaus}$ Nm	n_{ak} 1/min	J_G 10^{-4} kgm^2	F_{Ramax} K N	F_{Ramax} KF N	F_{Ramax} KA N	F_{Ramax} KAF N	F_{Rapk} K N	F_{Rapk} KF N	F_{Rapk} KA N	F_{Rapk} KAF N
K87 3	7.21	1300	1950	2210	250	46	13200	15100	4970	4970	28100	27000	30000	30000
	8.29	1400	2100	2380	205	35	13500	15600	4960	4960	27900	26900	30000	30000
	10.00	1500	2240	2550	180	26	14200	16400	5210	5210	27800	26700	30000	30000
	11.17	1500	2250	2550	188	22	14900	17100	5770	5770	27800	26700	30000	30000
	12.56	2000	3000	3400	223	42	14800	17000	5030	5030	26900	25900	30000	30000
	14.45	2100	3150	3570	201	32	15300	17700	5240	5240	26700	25700	30000	30000
	16.00	1800	2270	3060	119	12	16000	18500	5810	5810	27700	26700	30000	30000
	17.42	2200	3240	3740	189	24	16300	18800	5770	5770	26500	25600	30000	30000
	19.45	2300	3240	3910	170	20	16800	19300	5890	5890	26500	25600	30000	30000
	22.41	2300	3240	3910	178	16	17900	20600	6790	6790	26500	25600	30000	30000
	24.92	2500	3240	4250	140	14	18000	20700	6390	6390	26500	25600	30000	30000
	27.88	2600	3240	4420	122	12	18500	21400	6600	6600	26500	25600	30000	30000
	31.39	2700	3240	4590	108	9.6	19200	22100	6900	6900	26500	25600	30000	30000
	36.52	2500	3240	4250	41	20	21400	24500	9140	9140	26500	25600	30000	30000
	44.02	2600	3240	4420	39	16	22800	26000	10100	10100	26500	25600	30000	30000
	49.16	2700	3240	4590	35	14	23500	26300	10400	10400	26500	25600	30000	30000
	56.64	2700	3240	4590	35	11	25000	26300	11600	11600	26500	25600	30000	30000
	63.00	2700	3240	4590	35	9.8	26200	26300	12600	12600	26500	25600	30000	30000
	70.46	2700	3240	4590	35	8.4	27300	26300	13700	13700	26500	25600	30000	30000
	79.34	2700	3240	4590	37	7.1	27300	26300	14800	14800	26500	25600	30000	30000
	86.34	2700	3240	4590	37	6.3	27300	26300	15700	15700	26500	25600	30000	30000
	102.71	2700	3240	4590	38	4.9	27300	26300	17500	17500	26500	25600	30000	30000
	115.82	2700	3240	4590	38	4.0	27300	26300	18800	18800	26500	25600	30000	30000
	126.91	2700	3240	4590	39	3.5	27300	26300	19900	19900	26500	25600	30000	30000
	147.32	2700	3240	4590	39	2.8	27300	26300	21600	21600	26500	25600	30000	30000
	164.34	2700	3240	4590	39	1.8	27300	26300	23000	23000	26500	25600	30000	30000
	174.19	2700	3240	4590	39	1.6	27300	26300	23700	23700	26500	25600	30000	30000
	197.37	2700	3240	4590	35	1.3	27300	26300	25400	25400	26500	25600	30000	30000

K87..

33 177 00 08



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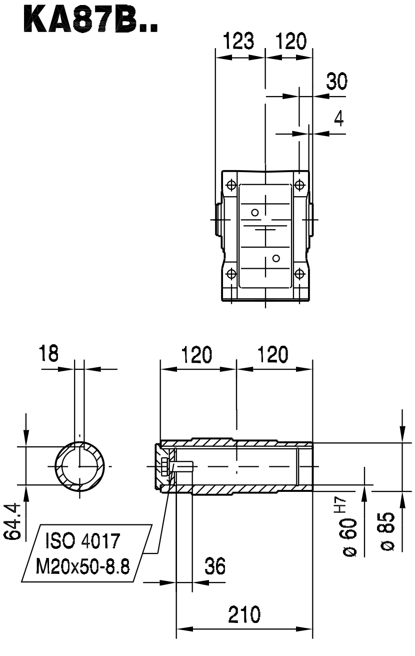

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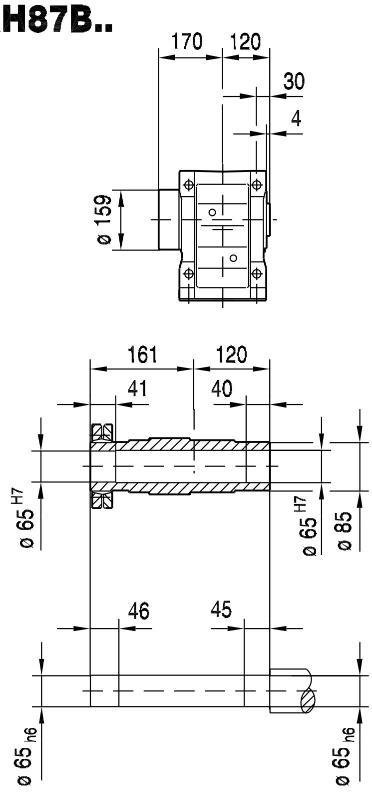

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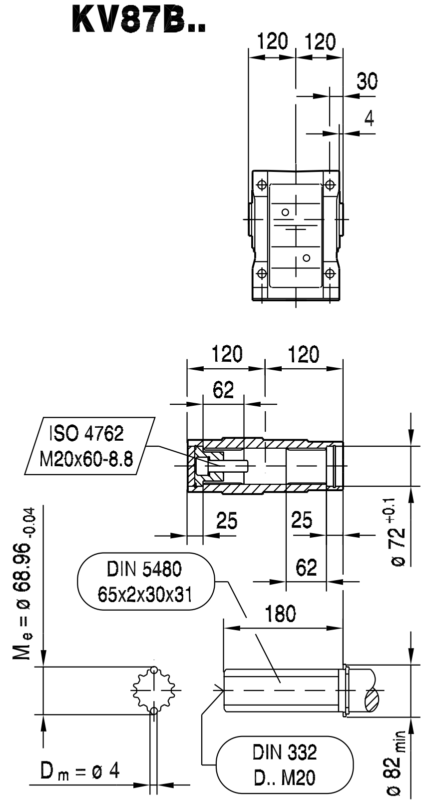
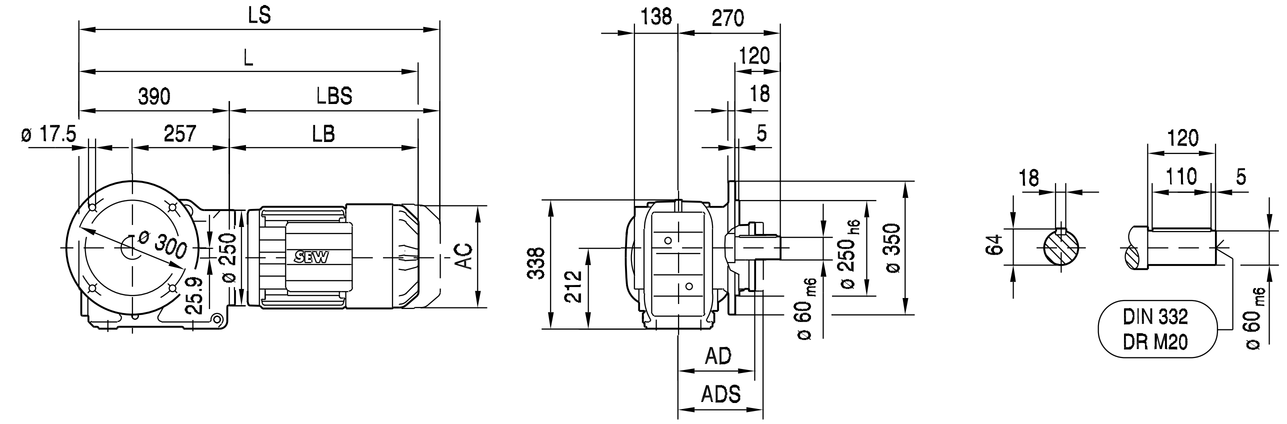


(→ 129)	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC
AC	139	156	156	179	197	221	221	270	316	316
AD	119	128	128	140	157	170	170	228	253	253
ADS	129	139	139	150	158	172	172	228	253	253
L	682	703	734	748	807	888	938	942	1011	1071
LS	747	783	814	834	894	996	1046	1079	1200	1260
LB	293	314	345	359	418	499	549	553	622	682
LBS	358	394	425	445	505	607	657	690	811	871

33 178 00 08

KF87..



10

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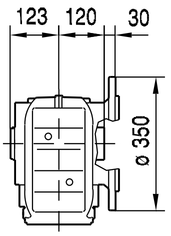

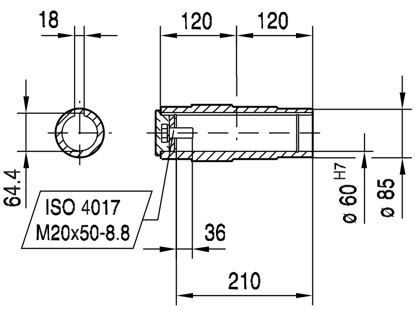

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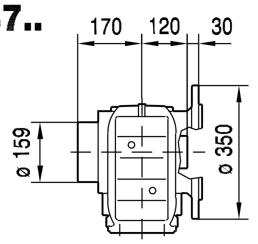

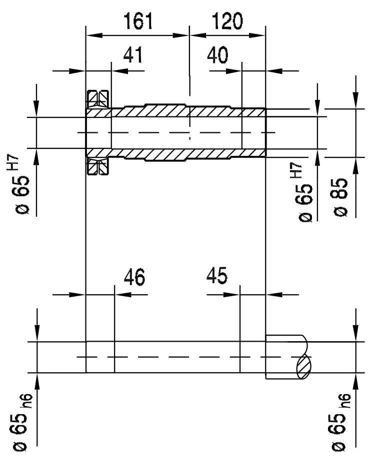

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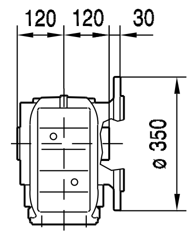
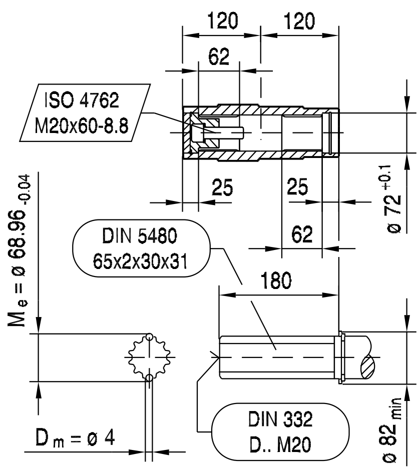
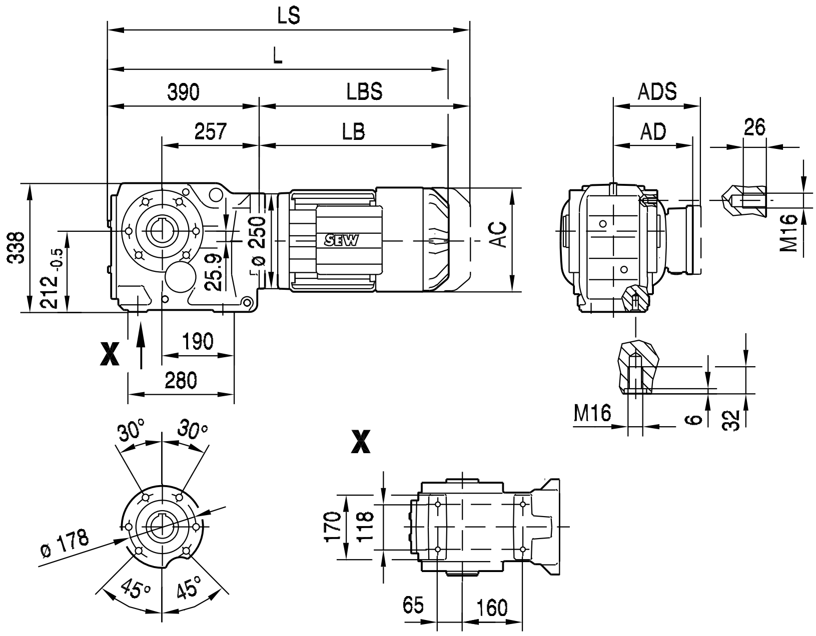


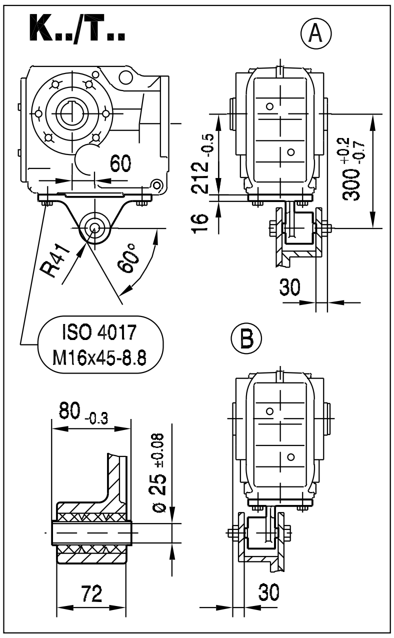


(→ 📖 129)	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC
AC	139	156	156	179	197	221	221	270	316	316
AD	119	128	128	140	157	170	170	228	253	253
ADS	129	139	139	150	158	172	172	228	253	253
L	683	704	735	749	808	889	939	943	1012	1072
LS	748	784	815	835	895	997	1047	1080	1201	1261
LB	293	314	345	359	418	499	549	553	622	682
LBS	358	394	425	445	505	607	657	690	811	871

KA87..

33 179 00 08





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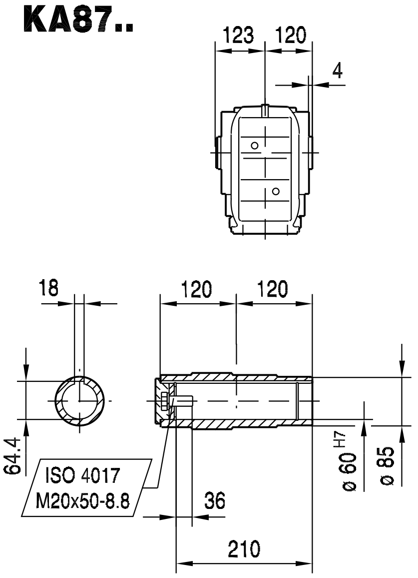

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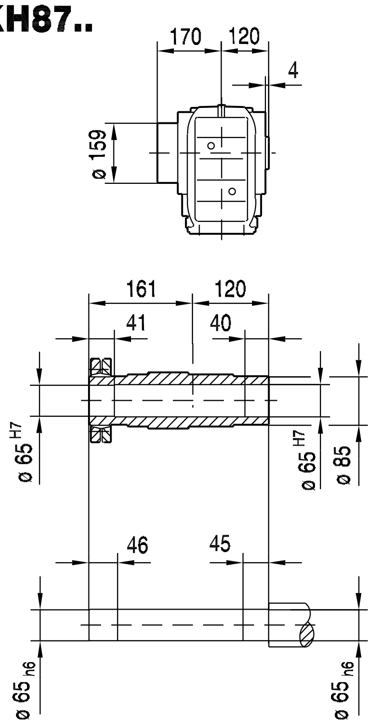

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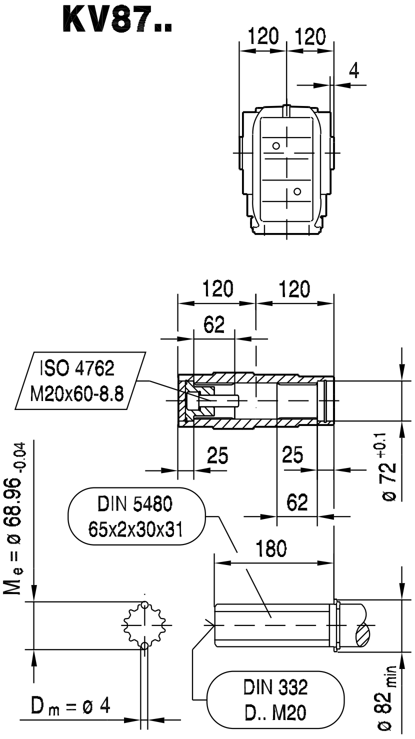
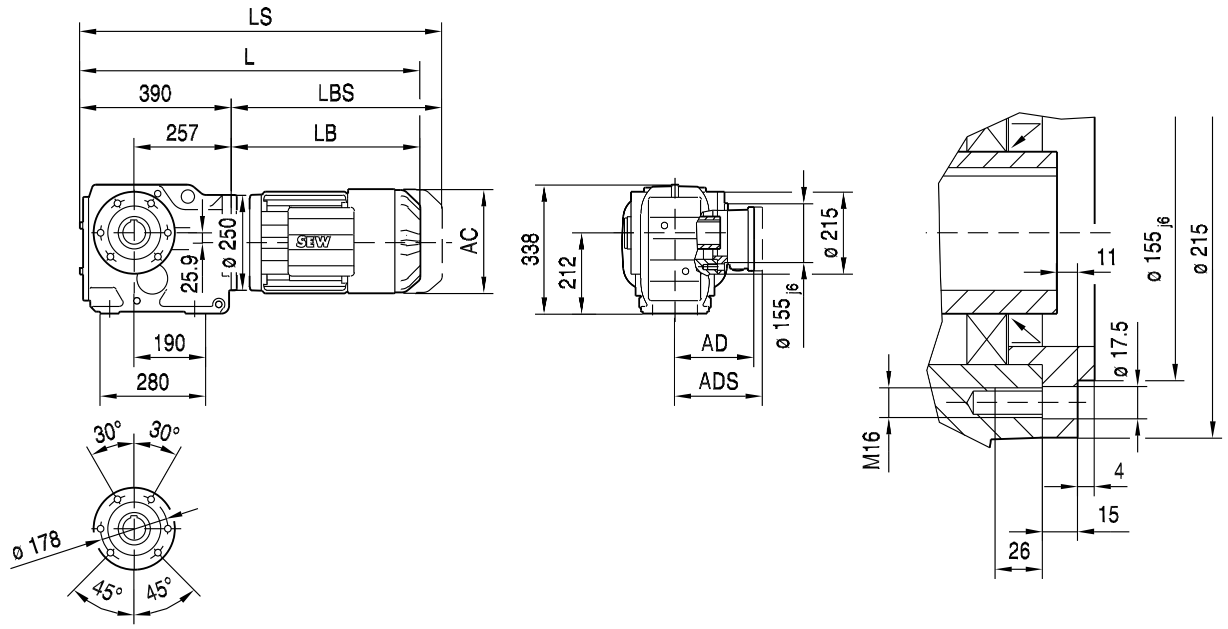


(→ 129)	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC
AC	139	156	156	179	197	221	221	270	316	316
AD	119	128	128	140	157	170	170	228	253	253
ADS	129	139	139	150	158	172	172	228	253	253
L	683	704	735	749	808	889	939	943	1012	1072
LS	748	784	815	835	895	997	1047	1080	1201	1261
LB	293	314	345	359	418	499	549	553	622	682
LBS	358	394	425	445	505	607	657	690	811	871

33 180 00 08

KAZ87..



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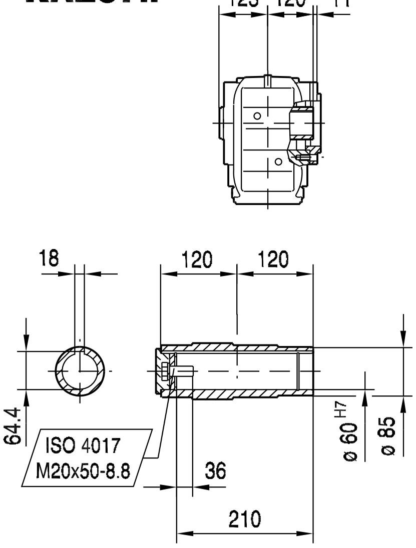

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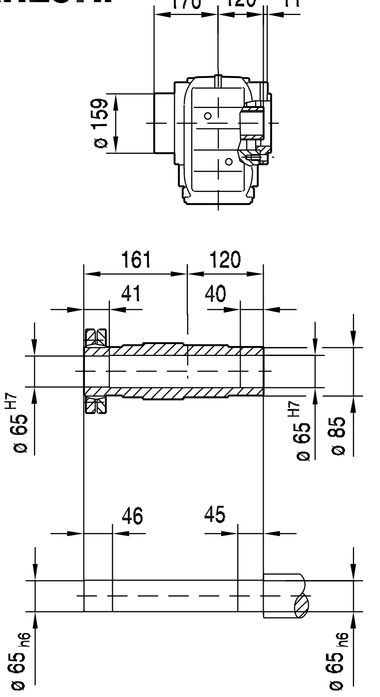
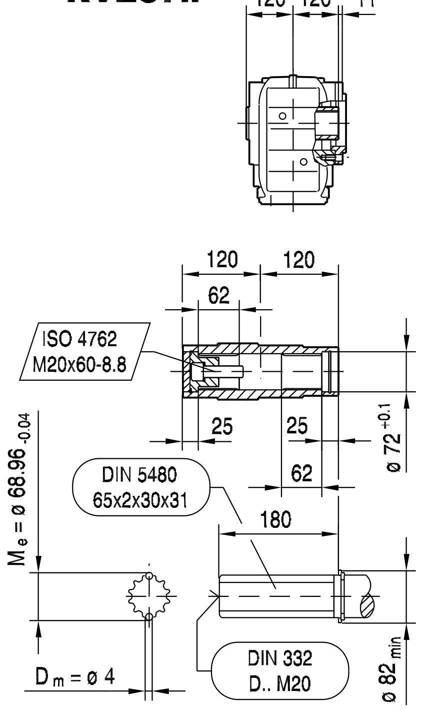


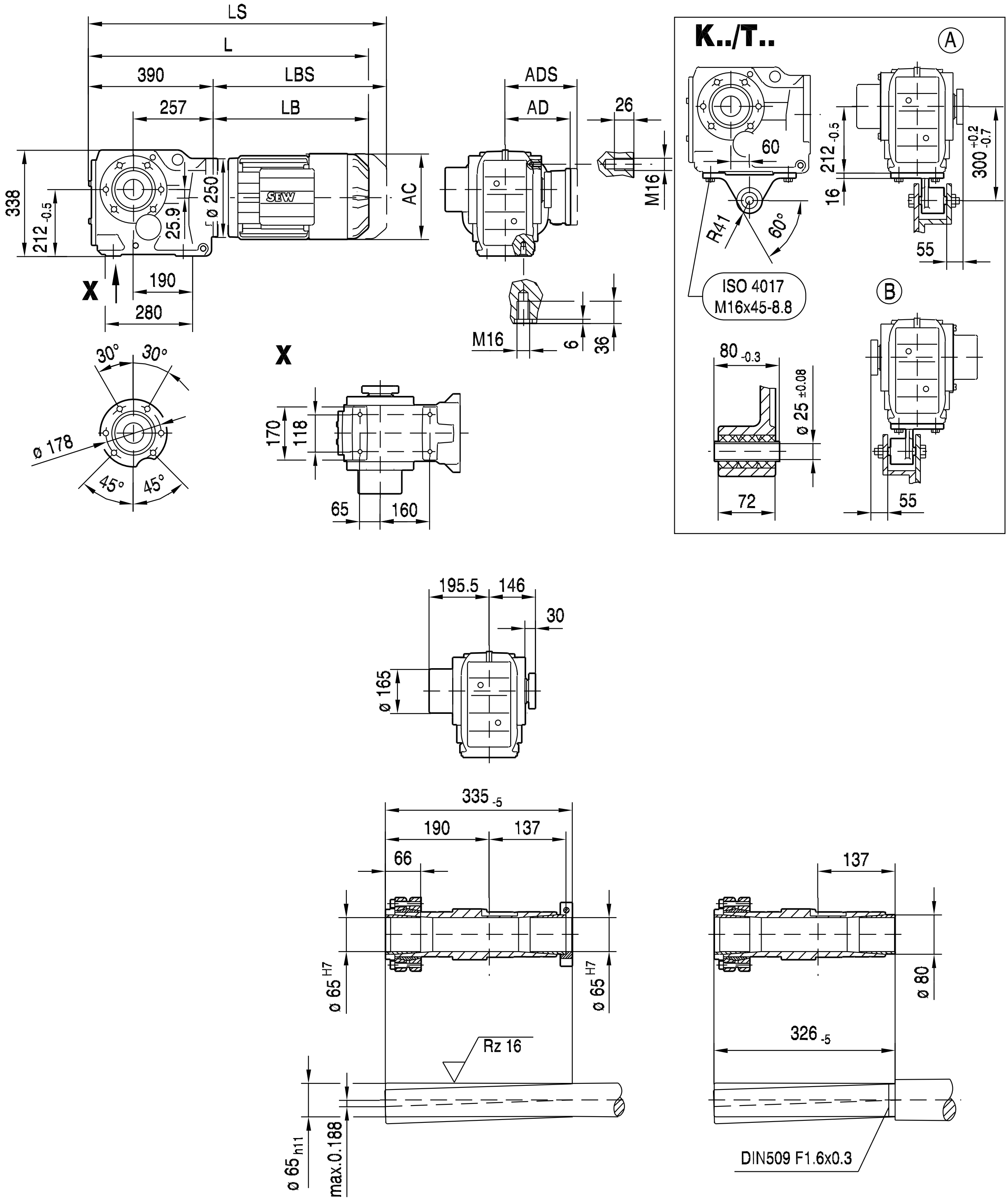
KVZ87..



(→ 📖 129)	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC
AC	139	156	156	179	197	221	221	270	316	316
AD	119	128	128	140	157	170	170	228	253	253
ADS	129	139	139	150	158	172	172	228	253	253
L	683	704	735	749	808	889	939	943	1012	1072
LS	748	784	815	835	895	997	1047	1080	1201	1261
LB	293	314	345	359	418	499	549	553	622	682
LBS	358	394	425	445	505	607	657	690	811	871

KT87..

33 181 00 08



(→ 📖 129)	DRL71M	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC
AC	139	156	156	179	197	221	221	270	316	316
AD	119	128	128	140	157	170	170	228	253	253
ADS	129	139	139	150	158	172	172	228	253	253
L	683	704	735	749	808	889	939	943	1012	1072
LS	748	784	815	835	895	997	1047	1080	1201	1261
LB	293	314	345	359	418	499	549	553	622	682
LBS	358	394	425	445	505	607	657	690	811	871

Diese Seite bleibt aus drucktechnischen Gründen frei.

10.2.7 K 97

M_{aDyn} Nm	i	DRL 71M D2	80S D1	80S D2	80M D1	80M D2	90L D1	90L D2	100L D1	100L D2	132S D1	132S D2	132MC D1	132MC D2
K97 3	7.54									615	575	1080	940	1440
	8.71									710	665	1250	1080	1670
	10.41									840	795	1490	1290	1990
	11.99									970	920	1720	1490	2300
	13.85									1130	1060	1990	1720	2650
	16.56									1350	1270	2380	2060	3170
	18.96					600	455	830	635	1540	1450	2730	2360	3640
	22.37					705	535	980	750	1820	1710	3220	2790	4290
	24.75	330	235	590	305	780	590	1090	830	2010	1900	3560	3080	>4710
	27.91	375	265	665	345	880	665	1230	930	2270	2140	4010	3480	>4710
	30.82	410	295	735	380	970	735	1360	1030	2510	2360	4430	3840	>4710
	34.23	460	325	820	425	1080	820	1510	1150	2790	2620	>4710	4270	
	38.30	510	365	910	475	1210	910	1690	1280	3120	2940	>4710	>4710	
	41.87									3300	3110	>4710	>4710	>4710
	47.93					1480	1120	2070	1570	3820	3600	>4710	>4710	>4710
	56.55					1750	1320	2440	1860	4510	4250	>4710	>4710	>4710
	62.55	820	585	1460	760	1940	1460	2700	2050	>4710	4700	>4710	>4710	>4710
	70.54	920	660	1650	860	2180	1650	3050	2320	>4710	>4710	>4710	>4710	>4710
	77.89	1020	730	1830	950	2410	1830	3360	2560	>4710	>4710	>4710	>4710	>4710
	86.52	1130	810	2030	1050	2680	2030	3740	2840	>4710	>4710	>4710	>4710	
	96.80	1270	900	2270	1180	3000	2270	4180	3180	>4710	>4710	>4710	>4710	
	105.13	1380	980	2470	1280	3260	2470	4540	3450	>4710	>4710			
	123.93	1630	1160	2910	1510	3840	2910	>4710	4070	>4710	>4710			
	140.28	1840	1310	3290	1710	4350	3290	>4710	4610					
	153.21	2010	1440	3600	1870	>4710	3600	>4710	>4710					
	176.05	2310	1650	4130	2150	>4710	4130		>4710					

→ 124

m kg	s	DRL 71M	80S	80M	90L	100L	132S	132MC
K97	3	160	160	165	170	180	195	210
KF: + 20.1 kg / KA: + -18.2 kg / KAF: + 6.7 kg								

M_{aDyn} Nm	i	DRL 160M D1	160M D2	160MC D1	160MC D2	180S D1	180S D2	180M D1	180M D2	180L D1	180L D2	180LC D1	180LC D2	200L D1	200L D2	225S D1	225S D2	225MC D1
K97 3	7.54	1190	2020	1330	2310	1520	2750	1800	3110	2310	>3560	3040	>3560	3430	>3560	>3560	>3560	>3560
	8.71	1370	2340	1540	2670	1750	3170	2090	>3590	2670	>3590	3510	>3590	>3590	>3590	>3590	>3590	>3590
	10.41	1640	2790	1840	3190	2090	>3610	2490	>3610	3190	>3610	>3610	>3610	>3610	>3610	>3610	>3610	>3610
	11.99	1890	3220	2120	3680	2410	4370	2870	>4710	3680	>4710	>4710	>4710	>4710	>4710	>4710	>4710	>4710
	13.85	2190	3720	2450	4250	2790	>4710	3320	>4710	4250	>4710	>4710	>4710	>4710	>4710	>4710	>4710	>4710
	16.56	2620	4450	2940	>4710	3330	>4710	3970	>4710	>4710	>4710	>4710	>4710	>4710	>4710	>4710	>4710	>4710
	18.96	3000	>4710	3360	>4710	3820	>4710	4550	>4710	>4710	>4710	>4710	>4710	>4710	>4710	>4710	>4710	>4710
	22.37	3540	>4710	3970	>4710	4500	>4710	>4710	>4710	>4710	>4710	>4710		>4710		>4710		
	24.75	3920	>4710	4390	>4710	>4710	>4710	>4710	>4710	>4710	>4710	>4710		>4710		>4710		
	27.91	4420	>4710	>4710	>4710	>4710		>4710		>4710								
	30.82	>4710	>4710	>4710	>4710	>4710		>4710		>4710								
	34.23	>4710		>4710														
	38.30	>4710		>4710														
	41.87	>4710	>4710	>4710	>4710	>4710	>4710	>4710	>4710	>4710	>4710	>4710	>4710	>4710	>4710	>4710	>4710	>4710
	47.93	>4710	>4710	>4710	>4710	>4710	>4710	>4710	>4710	>4710	>4710	>4710	>4710	>4710	>4710	>4710	>4710	>4710
	56.55	>4710	>4710	>4710	>4710	>4710	>4710	>4710	>4710	>4710	>4710	>4710		>4710		>4710		
	62.55	>4710	>4710	>4710	>4710	>4710	>4710	>4710	>4710	>4710	>4710	>4710		>4710		>4710		
	70.54	>4710	>4710	>4710	>4710	>4710		>4710		>4710								
	77.89	>4710	>4710	>4710	>4710	>4710		>4710		>4710								
	86.52	>4710		>4710														
	96.80	>4710		>4710														
	105.13																	
	123.93																	
	140.28																	
	153.21																	
	176.05																	

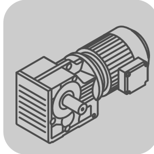
→ 124

m kg	s	DRL 160M	160MC	180S	180M	180L	180LC	200L	225S	225MC
K97	3	230	235	265	280	295	305	400	430	475

KF: + 20.1 kg / KA: + -18.2 kg / KAF: + 6.7 kg

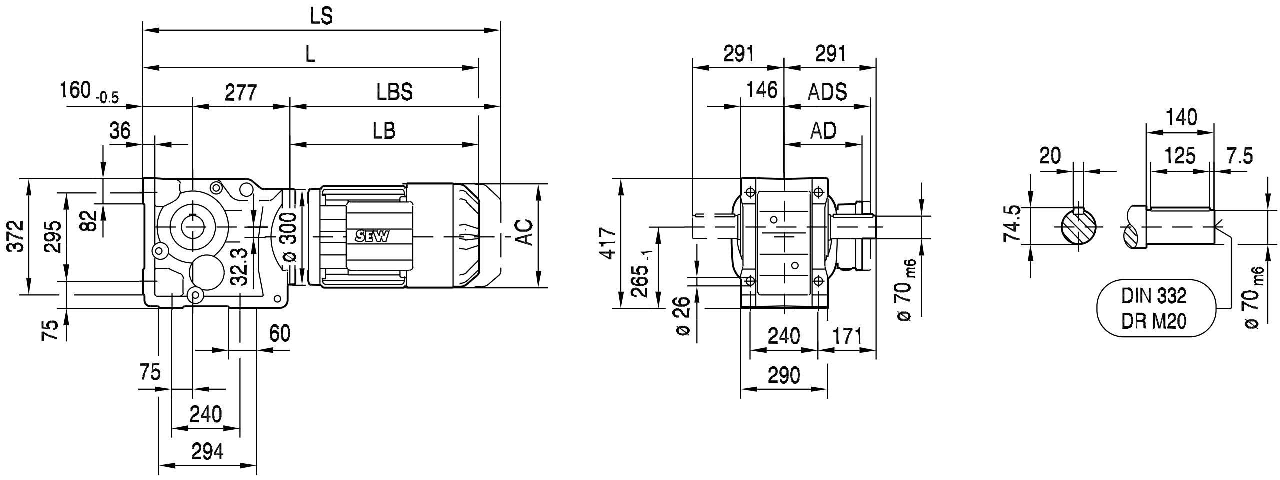
DRL..	i	n_{epk} 1/min	η %	c_{TG} K Nm/'	c_{TG} KF Nm/'	c_{TG} KA Nm/'	c_{TG} KAF Nm/'	φ /R '
K97 3	7.54	3597	96	264	237	581	581	10
	8.71	4500	96	264	237	581	581	10
	10.41	4500	96	264	237	581	581	10
	11.99	4500	96	301	267	791	791	8
	13.85	4500	96	301	267	791	791	8
	16.56	4500	96	301	267	791	791	8
	18.96	4500	96	301	267	791	791	8
	22.37	4500	96	301	267	791	791	8
	24.75	4500	96	301	267	791	791	8
	27.91	4500	96	301	267	791	791	8
	30.82	4500	96	301	267	791	791	7
	34.23	4500	96	301	267	791	791	7
	38.30	4500	96	301	267	791	791	7
	41.87	4378	93	314	278	892	892	7
	47.93	4500	94	314	278	892	892	7
	56.55	4500	94	314	278	892	892	7
	62.55	4500	94	314	278	892	892	7
	70.54	4500	94	314	278	892	892	7
	77.89	4500	94	314	278	892	892	7
	86.52	4500	94	314	278	892	892	7
	96.80	4500	94	314	278	892	892	7
	105.13	4500	94	314	278	892	892	7
	123.93	4500	94	314	278	892	892	7
	140.28	4500	94	314	278	892	892	7
	153.21	4500	94	314	278	892	892	7
	176.05	4500	94	314	278	892	892	7

DRL.. n_e = 1400	i	M_{amax} Nm	M_{apk} Nm	$M_{aNotaus}$ Nm	n_{ak} 1/min	J_G 10^{-4} kgm^2	F_{Ramax} K N	F_{Ramax} KF N	F_{Ramax} KA N	F_{Ramax} KAF N	F_{Rapk} K N	F_{Rapk} KF N	F_{Rapk} KA N	F_{Rapk} KAF N
K97 3	7.54	2400	3560	4080	279	120	15700	18100	10200	10200	40000	39300	40000	40000
	8.71	2660	3590	4522	218	94	15800	18200	9930	9930	40000	39300	40000	40000
	10.41	2870	3610	4879	183	71	16400	19000	10300	10300	40000	39300	40000	40000
	11.99	3890	4710	6613	167	115	16200	18800	9100	9100	40000	38300	40000	40000
	13.85	4300	4710	7310	130	91	16100	18900	8520	8520	40000	38300	40000	40000
	16.56	4300	4710	7310	139	69	17800	20700	10300	10300	40000	38300	40000	40000
	18.96	4300	4710	7310	148	55	19100	22100	11700	11700	40000	38300	40000	40000
	22.37	4300	4710	7310	156	43	20900	24000	13500	13500	40000	38300	40000	40000
	24.75	4300	4710	7310	166	37	22000	25200	14700	14700	40000	38300	40000	40000
	27.91	4300	4710	7310	168	30	23300	26600	16100	16100	40000	38300	40000	40000
	30.82	4300	4710	7310	172	26	24500	27800	17300	17300	40000	38300	40000	40000
	34.23	4300	4710	7310	178	22	25700	29200	18600	18600	40000	38300	40000	40000
	38.30	4300	4710	7310	183	18	27100	30700	20100	20100	40000	38300	40000	40000
	41.87	4300	4710	7310	36	42	28300	31900	21300	21300	40000	38300	40000	40000
	47.93	4300	4710	7310	31	35	30000	33800	23300	23300	40000	38300	40000	40000
	56.55	4300	4710	7310	30	28	32300	36300	25700	25700	40000	38300	40000	40000
	62.55	4300	4710	7310	30	25	33800	37800	27300	27300	40000	38300	40000	40000
	70.54	4300	4710	7310	31	21	35600	38700	29200	29200	40000	38300	40000	40000
	77.89	4300	4710	7310	32	18	37100	38700	30900	30900	40000	38300	40000	40000
	86.52	4300	4710	7310	32	16	38800	38700	32700	32700	40000	38300	40000	40000
	96.80	4300	4710	7310	33	13	40000	38700	34700	34700	40000	38300	40000	40000
	105.13	4300	4710	7310	33	12	40000	38700	36300	36300	40000	38300	40000	40000
	123.93	4300	4710	7310	33	9.3	40000	38700	39500	39500	40000	38300	40000	40000
	140.28	4300	4710	7310	34	5.9	40000	38700	40000	40000	40000	38300	40000	40000
	153.21	4300	4710	7310	34	5.2	40000	38700	40000	40000	40000	38300	40000	40000
	176.05	4300	4710	7310	34	4.0	40000	38700	40000	40000	40000	38300	40000	40000



33 182 00 08

K97..



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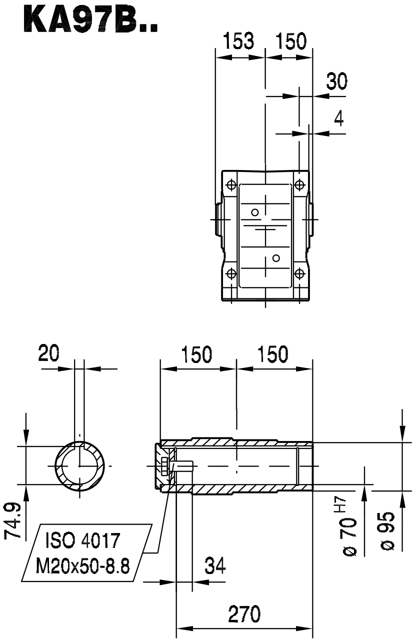

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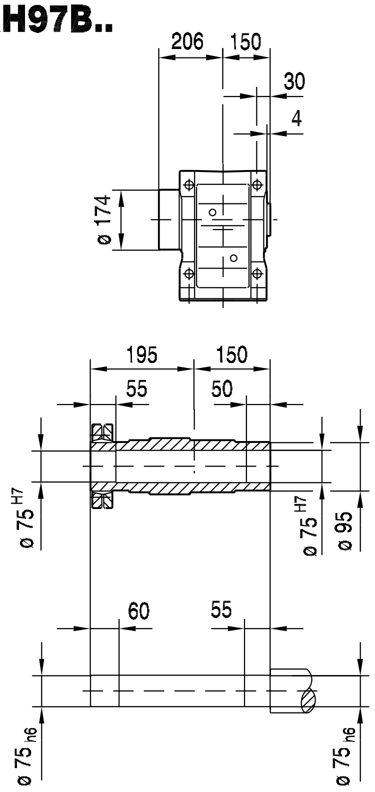

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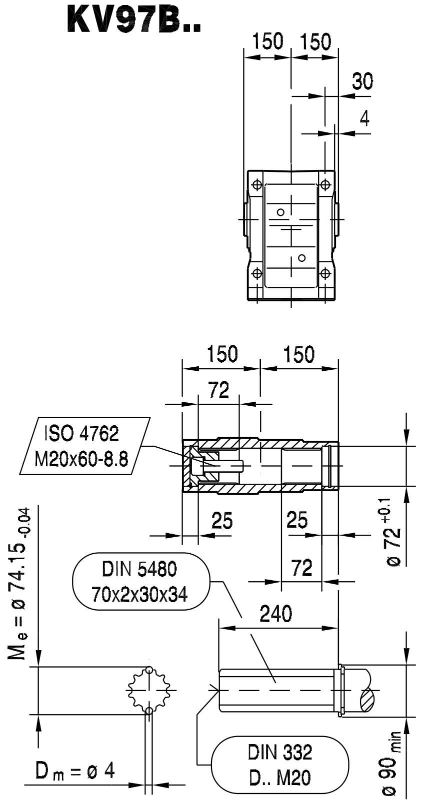
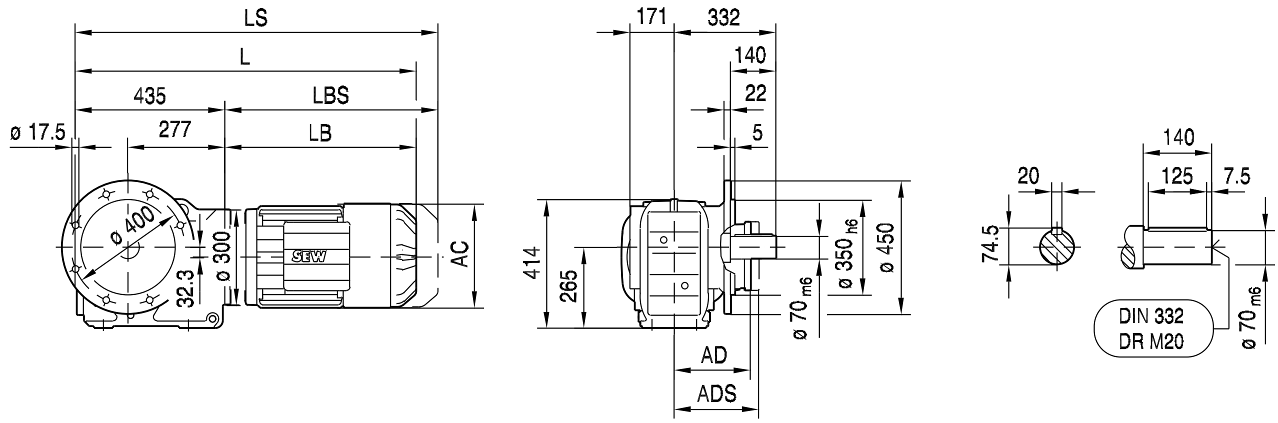


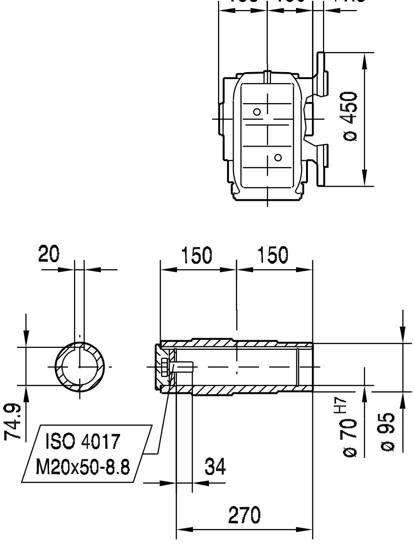
(→ 📖 129)	DRL80 S	DRL80 M	DRL90 L	DRL100L	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC
AC	156	156	179	197	221	221	270	316	316	394	394
AD	128	128	140	157	170	170	228	253	253	283	283
ADS	139	139	150	158	172	172	228	253	253	283	283
L	746	777	791	850	931	981	985	1054	1114	1187	1237
LS	826	857	877	937	1039	1089	1122	1243	1303	1392	1442
LB	309	340	354	413	494	544	548	617	677	750	800
LBS	389	420	440	500	602	652	685	806	866	955	1005

KF97..

33 183 00 08



KAF97..



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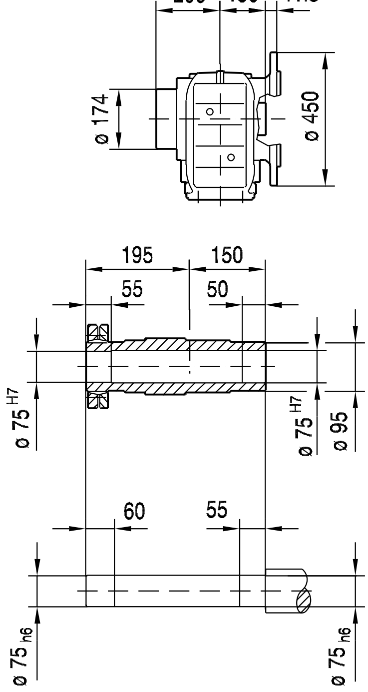

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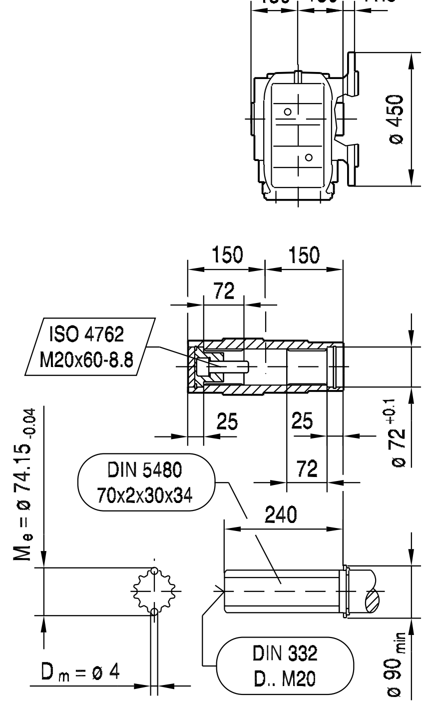
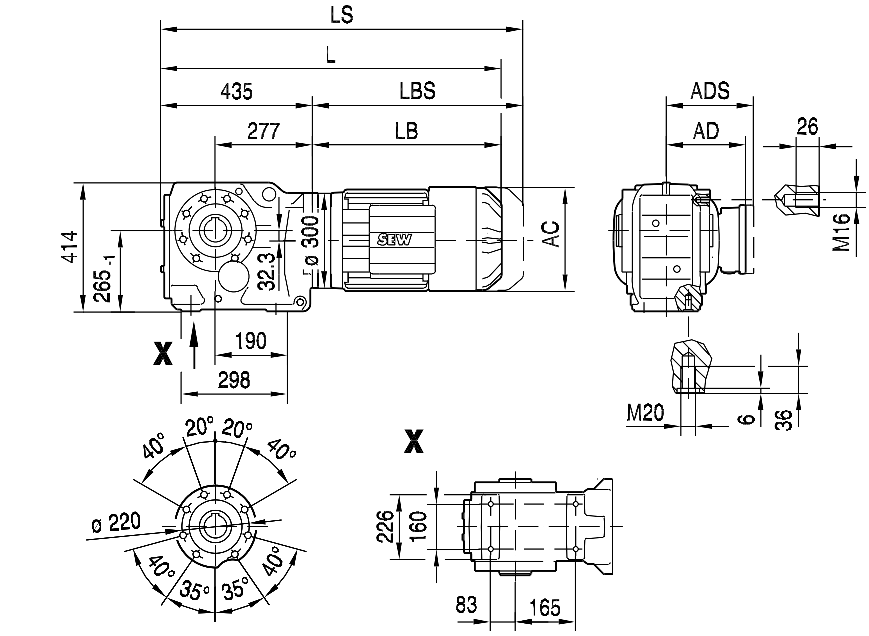


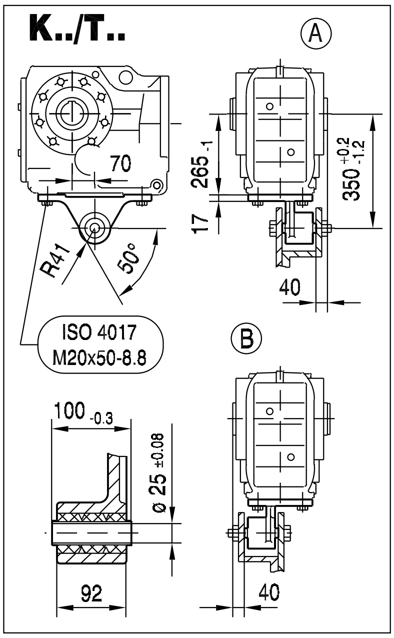
(→ 📖 129)	DRL80 S	DRL80 M	DRL90 L	DRL100L	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC
AC	156	156	179	197	221	221	270	316	316	394	394
AD	128	128	140	157	170	170	228	253	253	283	283
ADS	139	139	150	158	172	172	228	253	253	283	283
L	744	775	789	848	929	979	983	1052	1112	1185	1235
LS	824	855	875	935	1037	1087	1120	1241	1301	1390	1440
LB	309	340	354	413	494	544	548	617	677	750	800
LBS	389	420	440	500	602	652	685	806	866	955	1005

33 184 00 08

KA97..



K../T..



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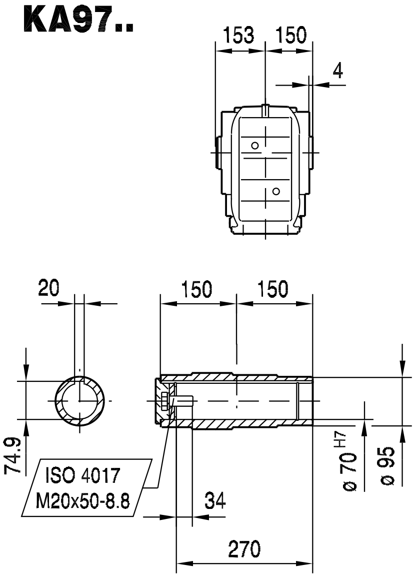

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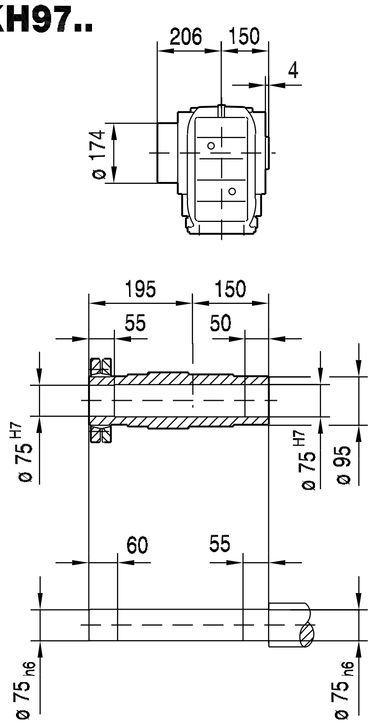

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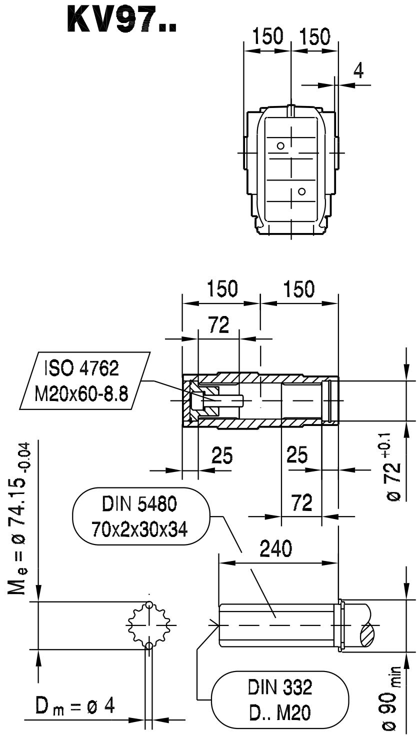
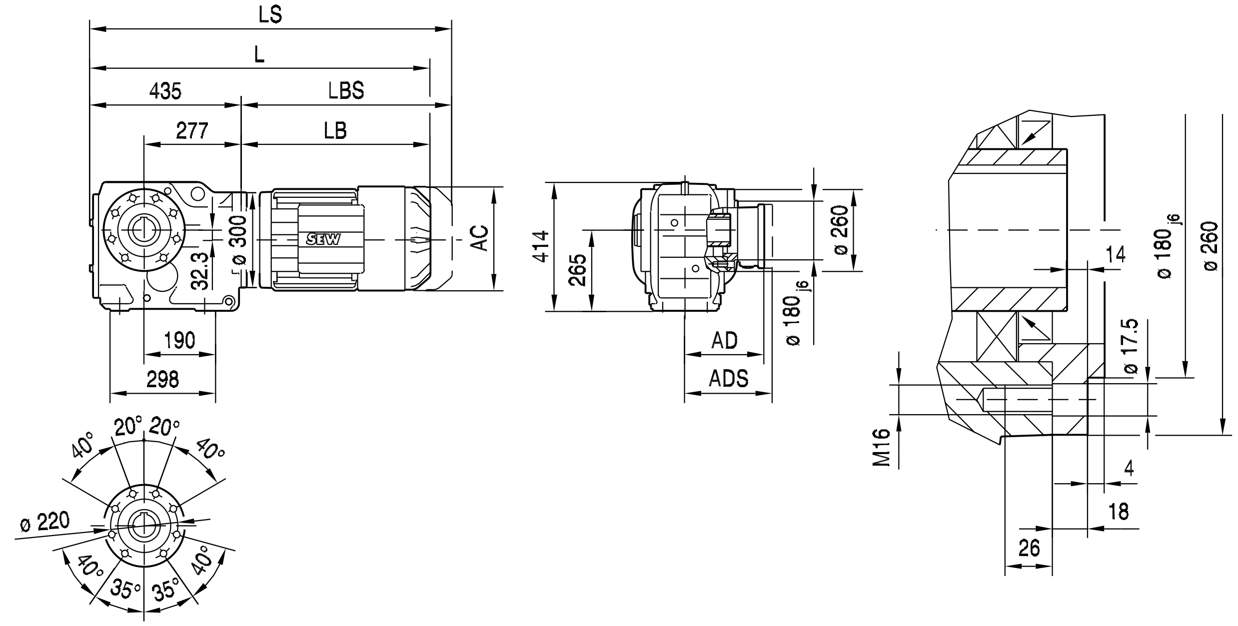


(→ 📖 129)	DRL80 S	DRL80 M	DRL90 L	DRL100L	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC
AC	156	156	179	197	221	221	270	316	316	394	394
AD	128	128	140	157	170	170	228	253	253	283	283
ADS	139	139	150	158	172	172	228	253	253	283	283
L	744	775	789	848	929	979	983	1052	1112	1185	1235
LS	824	855	875	935	1037	1087	1120	1241	1301	1390	1440
LB	309	340	354	413	494	544	548	617	677	750	800
LBS	389	420	440	500	602	652	685	806	866	955	1005

KAZ97..

33 185 00 08



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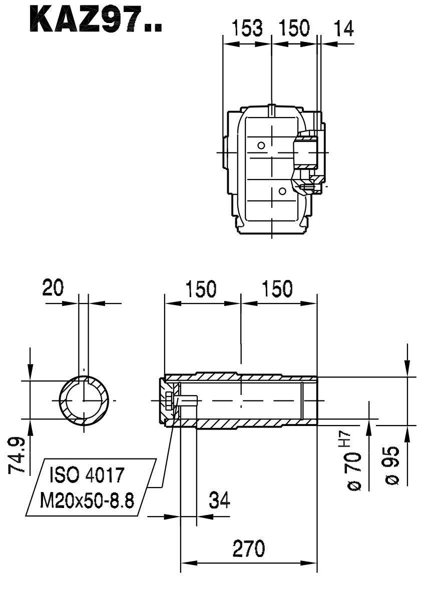

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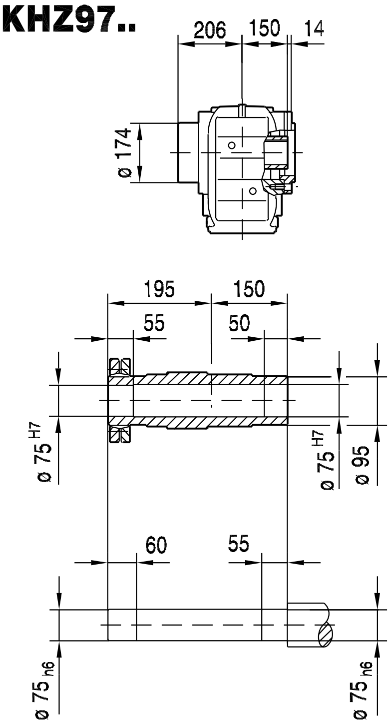

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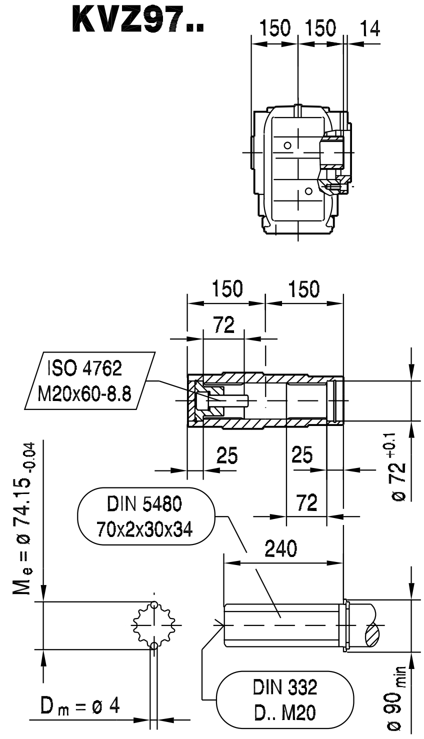
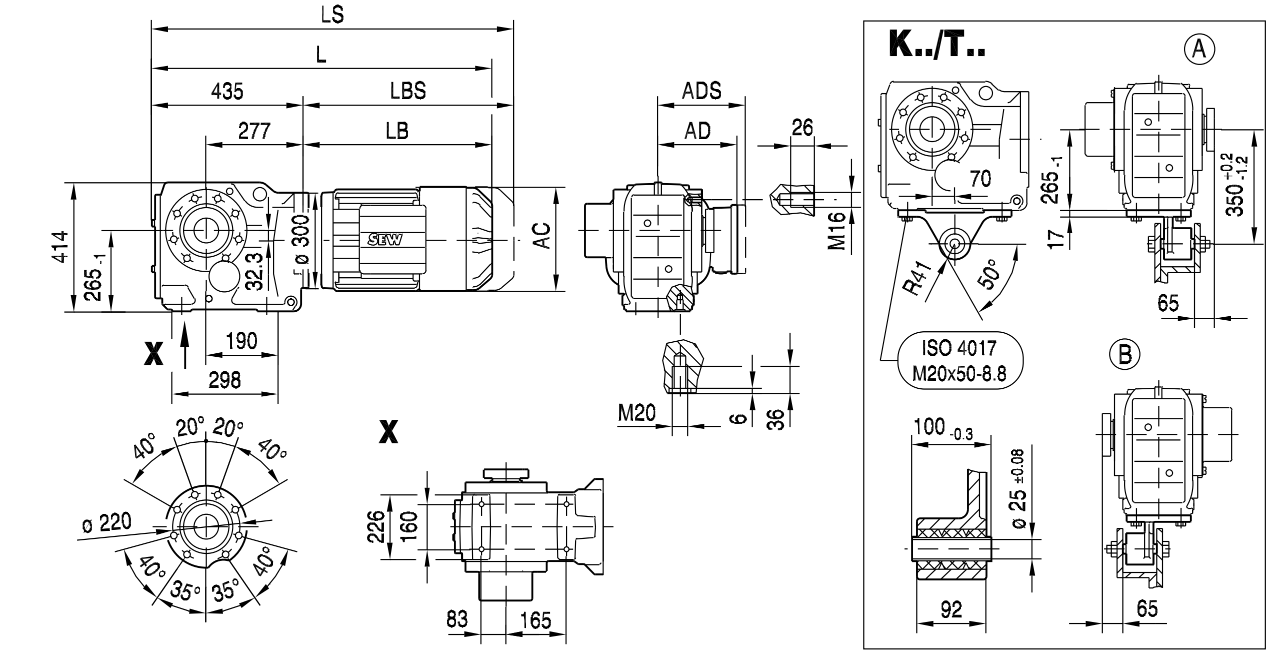
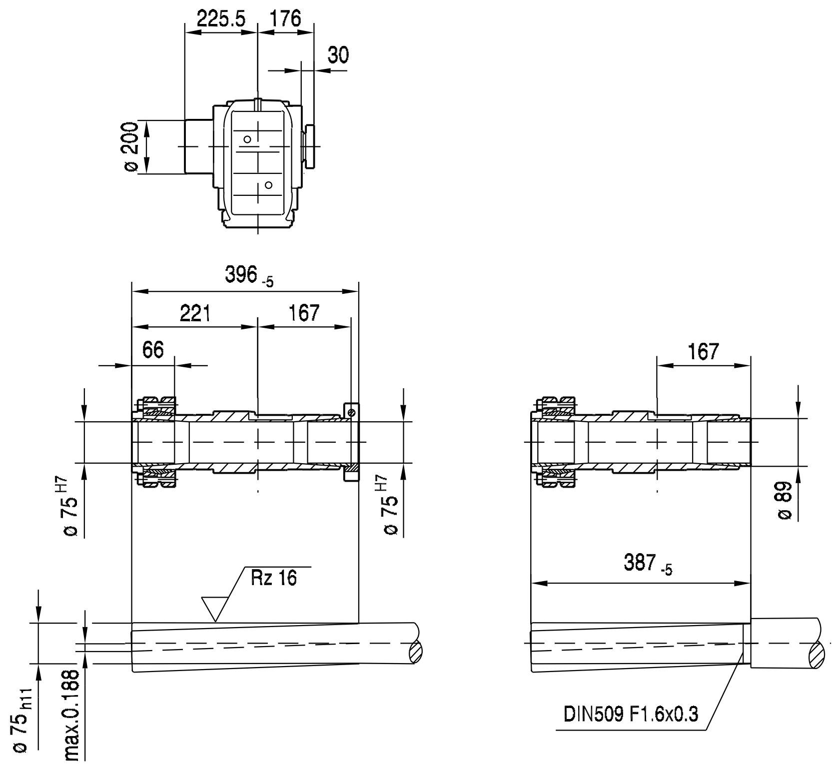


(→ 📖 129)	DRL80S	DRL80M	DRL90L	DRL100L	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC
AC	156	156	179	197	221	221	270	316	316	394	394
AD	128	128	140	157	170	170	228	253	253	283	283
ADS	139	139	150	158	172	172	228	253	253	283	283
L	744	775	789	848	929	979	983	1052	1112	1185	1235
LS	824	855	875	935	1037	1087	1120	1241	1301	1390	1440
LB	309	340	354	413	494	544	548	617	677	750	800
LBS	389	420	440	500	602	652	685	806	866	955	1005

KT97..

33 186 00 08





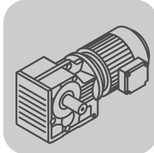
(→ 129)	DRL80 S	DRL80 M	DRL90 L	DRL100L	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC
AC	156	156	179	197	221	221	270	316	316	394	394
AD	128	128	140	157	170	170	228	253	253	283	283
ADS	139	139	150	158	172	172	228	253	253	283	283
L	744	775	789	848	929	979	983	1052	1112	1185	1235
LS	824	855	875	935	1037	1087	1120	1241	1301	1390	1440
LB	309	340	354	413	494	544	548	617	677	750	800
LBS	389	420	440	500	602	652	685	806	866	955	1005

10.2.8 K 107

M_{aDyn} Nm	i	DRL 90L D1	90L D2	100L D1	100L D2	132S D1	132S D2	132MC D1	132MC D2	160M D1	160M D2	160MC D1	160MC D2	180S D1	180S D2
K107 3	7.35						1050	910	1410	1160	1970	1300	2250	1480	2680
	8.69				705	665	1250	1080	1660	1370	2330	1540	2660	1750	3170
	9.94				810	760	1430	1240	1900	1570	2670	1760	3050	2000	3620
	11.73				950	900	1680	1460	2250	1850	3150	2080	3600	2360	4270
	13.43	320	590	450	1090	1030	1930	1670	2570	2120	3600	2380	4120	2700	4890
	14.64				1190	1120	2100	1820	2810	2310	3930	2600	4490	2950	5340
	16.75				1360	1280	2410	2090	3210	2650	4500	2970	5140	3370	6110
	19.74				1610	1510	2840	2460	3790	3120	5300	3500	6060	3970	7200
	22.62	540	990	760	1840	1730	3250	2820	4340	3580	6080	4010	6940	4560	8250
	26.32	630	1160	880	2140	2020	3790	3280	5050	4160	7070	4670	8080	5300	>8370
	29.00	695	1280	970	2360	2220	4170	3610	5560	4590	7790	5150	>8400	5840	>8400
	31.28						4410	3820	5880	4850	8230	5430	>9090	6170	>9090
	32.69	780	1440	1090	2660	2510	4700	4070	6270	5170	>8430	5800	>8430	6590	
	37.00				2950	2780	5210	4520	6950	5730	>9090	6430	>9090	7300	>9090
	42.33				3380	3180	5960	5170	7950	6560	>9090	7360	>9090	8350	>9090
	49.90				3980	3750	7030	6090	>9090	7730	>9090	8670	>9090	>9090	>9090
	57.17	1340	2470	1880	4560	4290	8060	6980	>9090	8860	>9090	>9090	>9090	>9090	>9090
	66.52	1560	2870	2180	5310	5000	>9090	8120	>9090	>9090	>9090	>9090	>9090	>9090	>9090
	73.30	1720	3160	2410	5850	5510	>9090	8950	>9090	>9090	>9090	>9090	>9090	>9090	>9090
	82.61	1940	3570	2710	6600	6210	>9090	>9090	>9090	>9090	>9090	>9090	>9090	>9090	
	90.96	2130	3930	2990	7260	6840	>9090	>9090	>9090	>9090	>9090	>9090	>9090	>9090	
	100.75	2360	4350	3310	8040	7570	>9090	>9090		>9090		>9090			
	112.41	2640	4860	3690	8980	8450	>9090	>9090		>9090		>9090			
	121.46	2850	5250	3990	>9090	>9090									
	143.47	3370	6200	4720	>9090	>9090									

→ 124

m kg	s	DRL 90L	100L	132S	132MC	160M	160MC	180S
K107	3	285	295	310	325	345	350	380
KF: + 12.1 kg / KA: + -27.2 kg / KAF: + -3.2 kg								



M		DRL										
M_{aDyn} Nm	i	180M		180L		180LC		200L		225S		225MC
		D1	D2	D1	D2	D1	D2	D1	D2	D1	D2	D1
K107 3	7.35	1760	3030	2250	3660	2960	4230	3350	>4720	3660	>4720	>4720
	8.69	2080	3580	2660	4330	3500	>4780	3960	>4780	4330	>4780	>4780
	9.94	2380	4100	3050	>4840	4000	>4840	4530	>4840	>4840	>4840	>4840
	11.73	2810	4840	3600	>4910	4720	>4910	>4910	>4910	>4910	>4910	>4910
	13.43	3220	>4940	4120	>4940	>4940	>4940	>4940	>4940	>4940	>4940	>4940
	14.64	3510	6040	4490	7300	5900	>8060	6670	>8060	7300	>8060	>8060
	16.75	4020	6910	5140	>8160	6750	>8160	7630	>8160	>8160	>8160	>8160
	19.74	4730	8140	6060	>8270	7950	>8270	>8270	>8270	>8270	>8270	>8270
	22.62	5420	>8320	6940	>8320	>8320	>8320	>8320	>8320	>8320	>8320	>8320
	26.32	6310	>8370	8080	>8370	>8370		>8370		>8370		
	29.00	6960	>8400	>8400	>8400	>8400		>8400		>8400		
	31.28	7350	>9090	>9090	>9090	>9090	>9090	>9090	>9090	>9090	>9090	>9090
	32.69	7840		>8430								
	37.00	8690	>9090	>9090	>9090	>9090	>9090	>9090	>9090	>9090	>9090	>9090
	42.33	>9090	>9090	>9090	>9090	>9090	>9090	>9090	>9090	>9090	>9090	>9090
	49.90	>9090	>9090	>9090	>9090	>9090	>9090	>9090	>9090	>9090	>9090	>9090
	57.17	>9090	>9090	>9090	>9090	>9090	>9090	>9090	>9090	>9090	>9090	>9090
	66.52	>9090	>9090	>9090	>9090	>9090		>9090		>9090		
	73.30	>9090	>9090	>9090	>9090	>9090		>9090		>9090		
	82.61	>9090		>9090								
	90.96	>9090		>9090								
	100.75											
	112.41											
	121.46											
	143.47											

→ 124

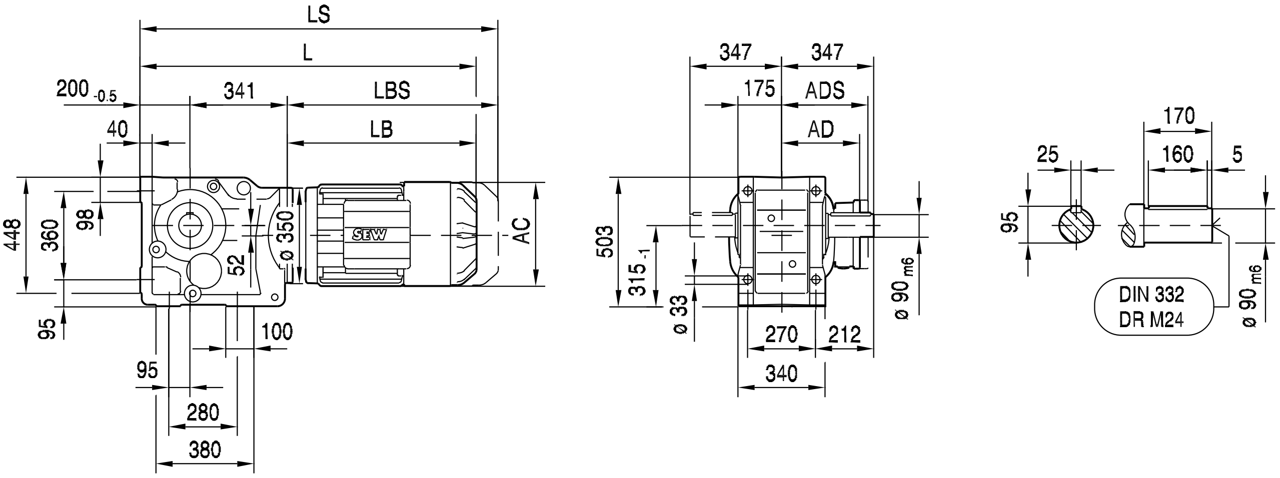
m kg		DRL					
	s	180M	180L	180LC	200L	225S	225MC
K107	3	395	405	420	520	550	590
KF: + 12.1 kg / KA: + -27.2 kg / KAF: + -3.2 kg							

DRL..				c_{TG}				φ
	i	n_{epk} 1/min	η %	K Nm/'	KF Nm/'	KA Nm/'	KAF Nm/'	/R '
K107 3	7.35	3197	96	519	488	862	862	9
	8.69	3597	96	519	488	862	862	9
	9.94	4500	96	519	488	862	862	9
	11.73	4500	96	519	488	862	862	9
	13.43	4500	96	519	488	862	862	9
	14.64	4500	96	661	612	1341	1341	7
	16.75	4500	96	661	612	1341	1341	7
	19.74	4500	96	661	612	1341	1341	6
	22.62	4500	96	661	612	1341	1341	6
	26.32	4500	96	661	612	1341	1341	6
	29.00	4500	96	661	612	1341	1341	6
	31.28	3197	94	730	670	1660	1660	6
	32.69	4500	96	661	612	1341	1341	6
	37.00	3597	94	730	670	1660	1660	6
	42.33	3924	94	730	670	1660	1660	6
	49.90	4378	94	730	670	1660	1660	6
	57.17	4500	94	730	670	1660	1660	6
	66.52	4500	94	730	670	1660	1660	6
	73.30	4500	94	730	670	1660	1660	6
	82.61	4500	94	730	670	1660	1660	6
	90.96	4500	94	730	670	1660	1660	6
	100.75	4500	94	730	670	1660	1660	6
	112.41	4500	94	730	670	1660	1660	6
	121.46	4500	94	730	670	1660	1660	6
	143.47	4500	94	730	670	1660	1660	6

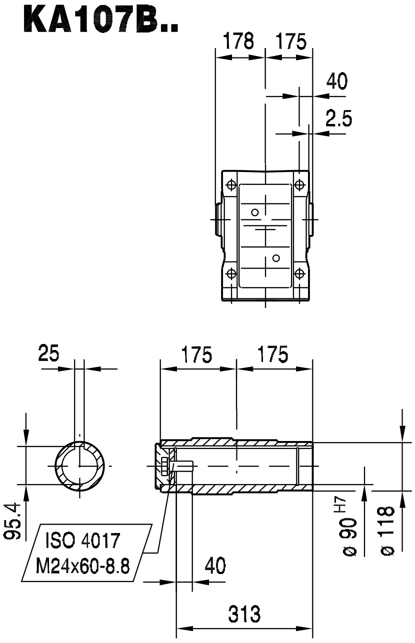
DRL.. n_e = 1400	i	M_{amax} Nm	M_{apk} Nm	$M_{aNotaus}$ Nm	n_{ak} 1/min	J_G 10^{-4} kgm^2	F_{Ramax} K N	KF N	KA N	KAF N	F_{Rapk} K N	KF N	KA N	KAF N
K107 3	7.35	3600	4720	6120	286	231	24400	28500	9900	47100	65000	65000	65000	65000
	8.69	4070	4780	6919	207	170	24600	29100	9270	48300	65000	65000	65000	65000
	9.94	4190	4840	7123	201	136	25800	30500	10000	50500	65000	65000	65000	65000
	11.73	4300	4910	7310	196	104	27500	32300	11100	53500	65000	65000	65000	65000
	13.43	4300	4940	7310	201	82	29200	34200	12600	56500	65000	65000	65000	65000
	14.64	6890	8060	11713	123	163	19500	23000	6180	51700	65000	65000	65000	65000
	16.75	7050	8160	11985	119	131	21000	24800	7080	54200	65000	65000	65000	65000
	19.74	7200	8270	12240	117	100	23200	27300	8440	57700	65000	65000	65000	65000
	22.62	7200	8320	12240	124	80	25800	30300	10100	61200	65000	65000	65000	65000
	26.32	7200	8370	12240	129	63	28800	33600	12100	65000	65000	65000	65000	65000
	29.00	7200	8400	12240	134	54	30700	35800	13400	65000	65000	65000	65000	65000
	31.28	6800	9090	11560	48	112	34200	39700	16100	65000	65000	65000	65000	65000
	32.69	7200	8430	12240	138	45	33200	38600	15100	65000	65000	65000	65000	65000
	37.00	7200	9090	12240	41	86	35800	41500	17000	65000	65000	65000	65000	65000
	42.33	7360	9090	12512	38	72	37900	44000	18400	65000	65000	65000	65000	65000
	49.90	7840	9090	13328	30	58	39300	45600	19200	65000	65000	65000	65000	65000
	57.17	8000	9090	13600	30	48	41700	48400	20900	65000	65000	65000	65000	65000
	66.52	8000	9090	13600	30	40	45400	52500	23600	65000	65000	65000	65000	65000
	73.30	8000	9090	13600	30	35	47900	55300	25400	65000	65000	65000	65000	65000
	82.61	8000	9090	13600	30	29	50900	58700	27700	65000	65000	65000	65000	65000
	90.96	8000	9090	13600	31	25	53500	61600	29600	65000	65000	65000	65000	65000
	100.75	8000	9090	13600	32	20	56200	64700	31700	65000	65000	65000	65000	65000
	112.41	8000	9090	13600	32	17	59300	65000	34000	65000	65000	65000	65000	65000
	121.46	8000	9090	13600	32	15	61500	65000	35700	65000	65000	65000	65000	65000
	143.47	8000	9090	13600	32	12	65000	65000	39600	65000	65000	65000	65000	65000

33 187 00 08

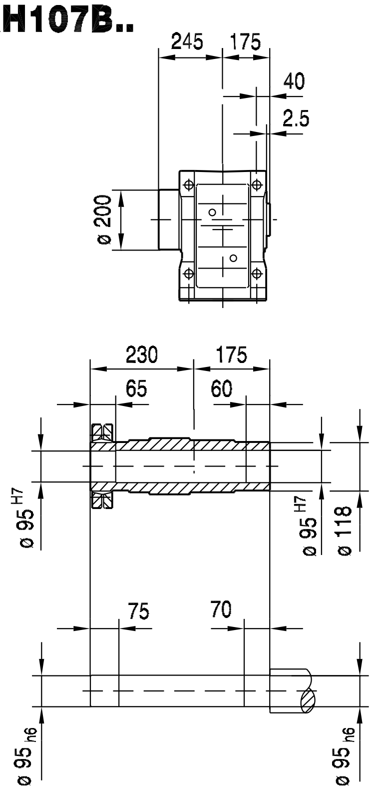
K107..



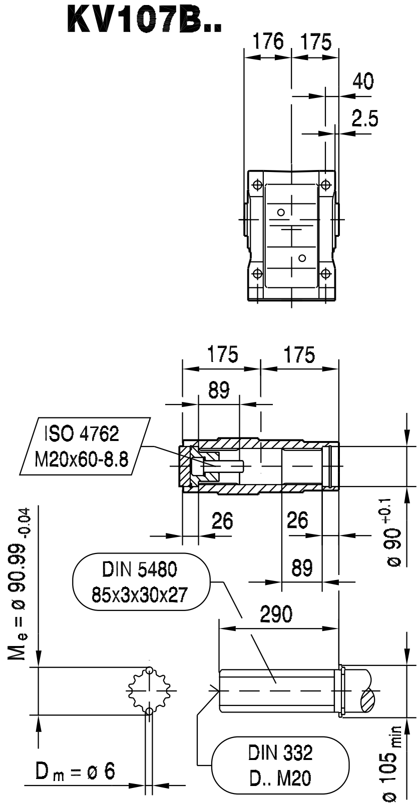
KA107B..



KH107B..



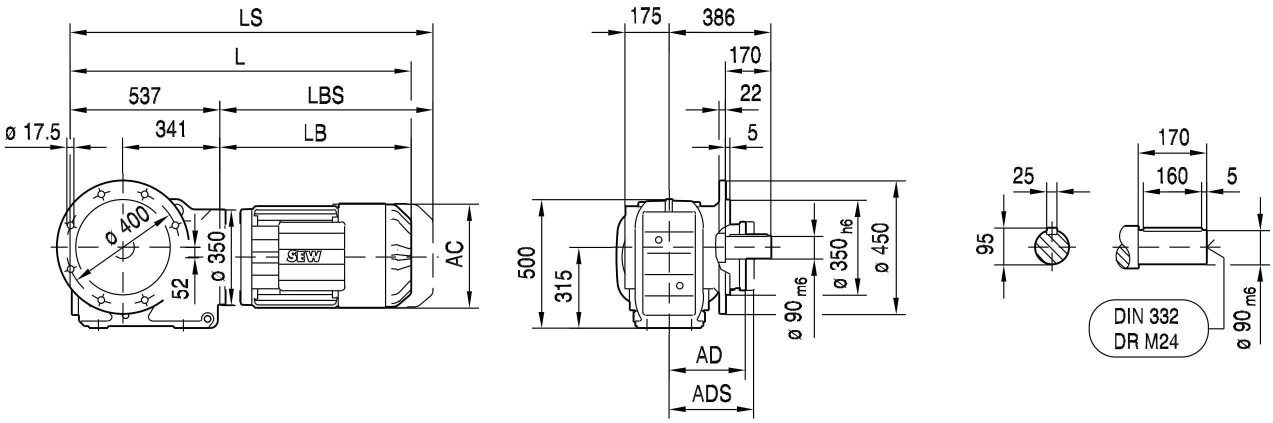
KV107B..



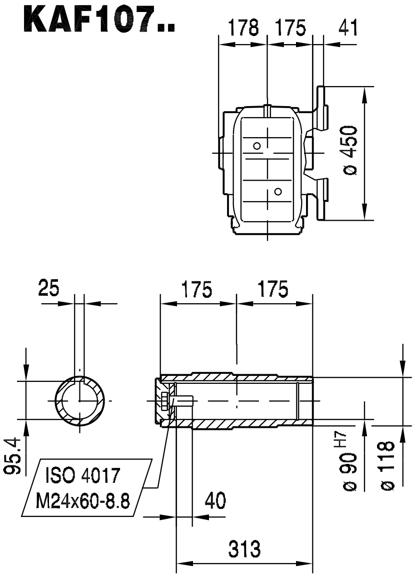
(→ 📖 129)	DRL90L	DRL100L	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC
AC	179	197	221	221	270	316	316	394	394
AD	140	157	170	170	228	253	253	283	283
ADS	150	158	172	172	228	253	253	283	283
L	889	948	1029	1079	1083	1152	1212	1285	1335
LS	975	1035	1137	1187	1220	1341	1401	1490	1540
LB	348	407	488	538	542	611	671	744	794
LBS	434	494	596	646	679	800	860	949	999

KF107..

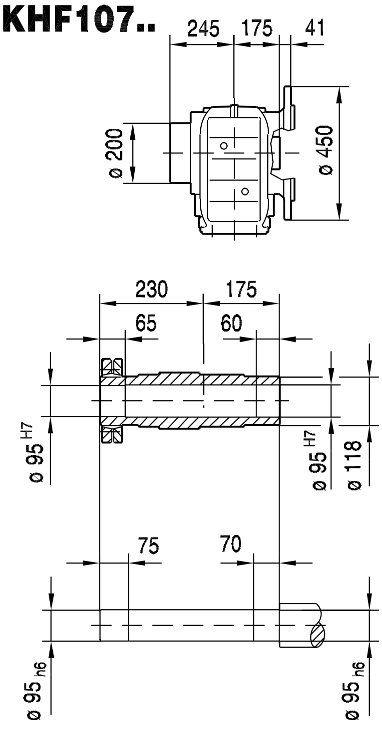
33 188 00 08



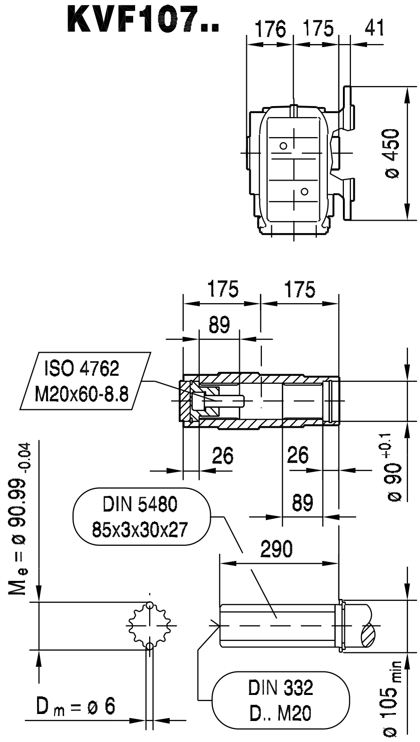
KAF107..



KHF107..



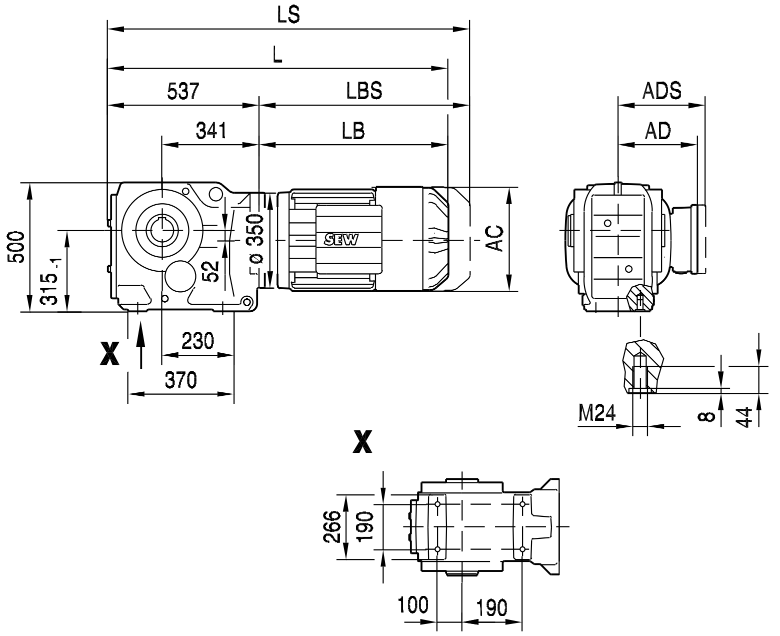
KVF107..

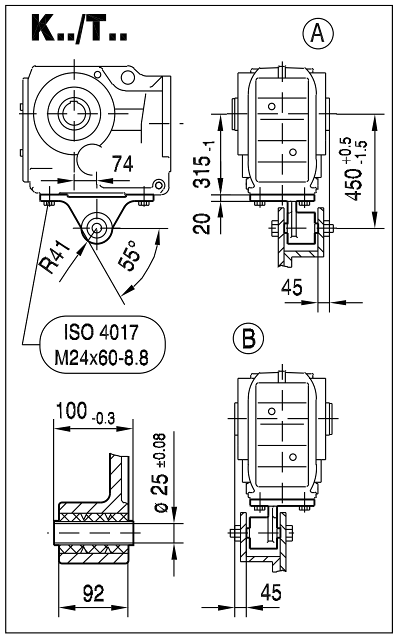


(→ 📖 129)	DRL90L	DRL100L	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC
AC	179	197	221	221	270	316	316	394	394
AD	140	157	170	170	228	253	253	283	283
ADS	150	158	172	172	228	253	253	283	283
L	885	944	1025	1075	1079	1148	1208	1281	1331
LS	971	1031	1133	1183	1216	1337	1397	1486	1536
LB	348	407	488	538	542	611	671	744	794
LBS	434	494	596	646	679	800	860	949	999

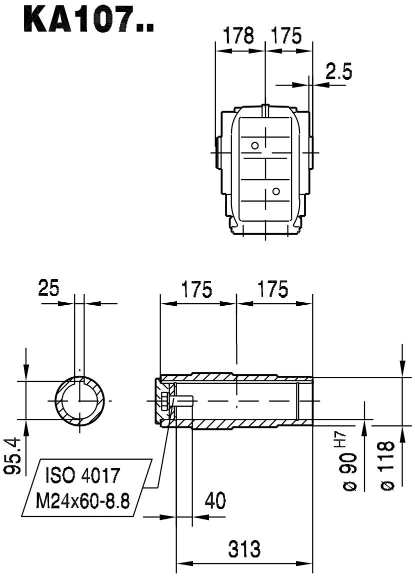
33 189 00 08

KA107..

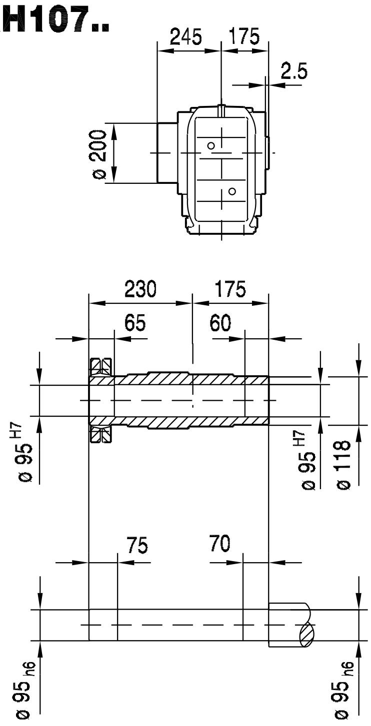




KA107..



KH107..



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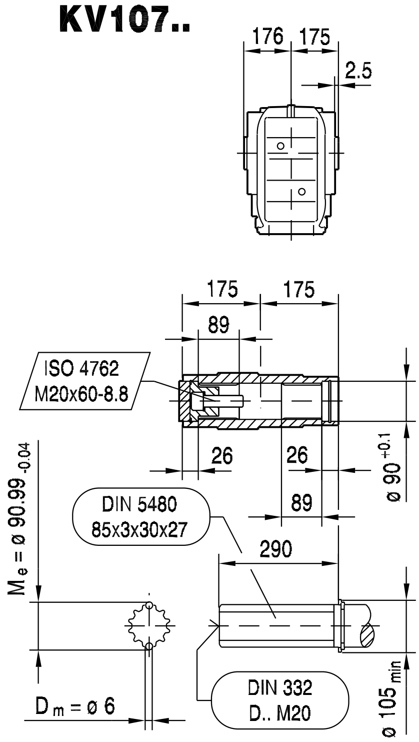
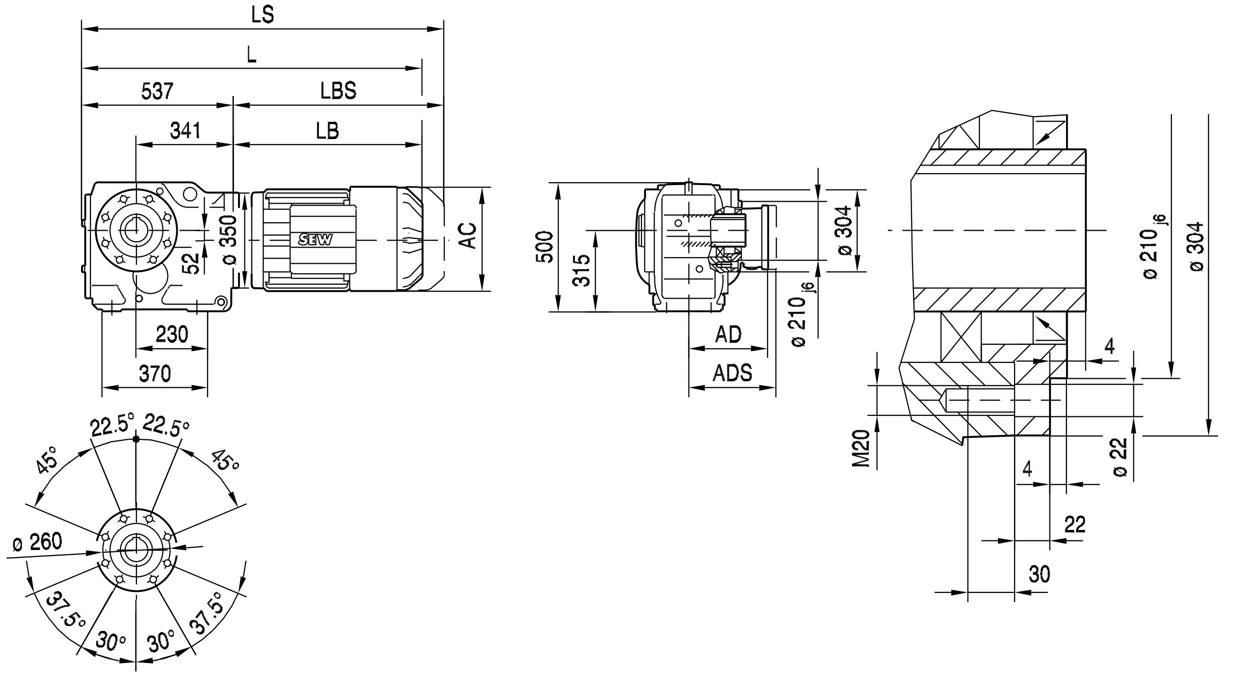


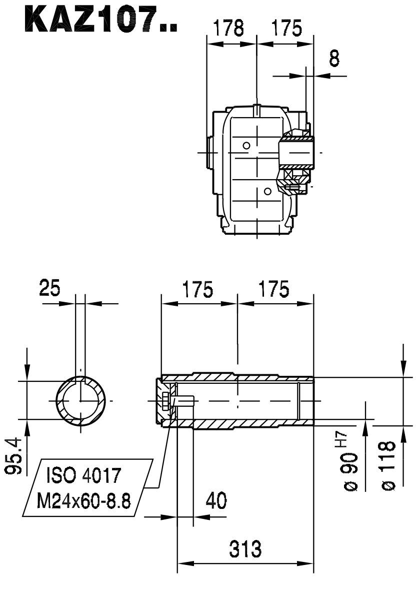
(→ 129)	DRL90L	DRL100L	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC
AC	179	197	221	221	270	316	316	394	394
AD	140	157	170	170	228	253	253	283	283
ADS	150	158	172	172	228	253	253	283	283
L	885	944	1025	1075	1079	1148	1208	1281	1331
LS	971	1031	1133	1183	1216	1337	1397	1486	1536
LB	348	407	488	538	542	611	671	744	794
LBS	434	494	596	646	679	800	860	949	999

33 190 00 08

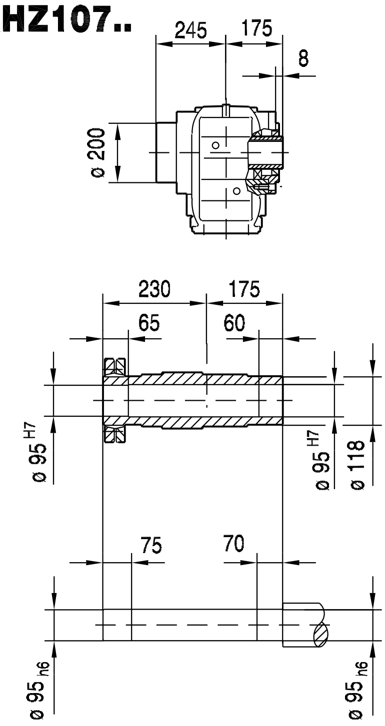
KAZ107..



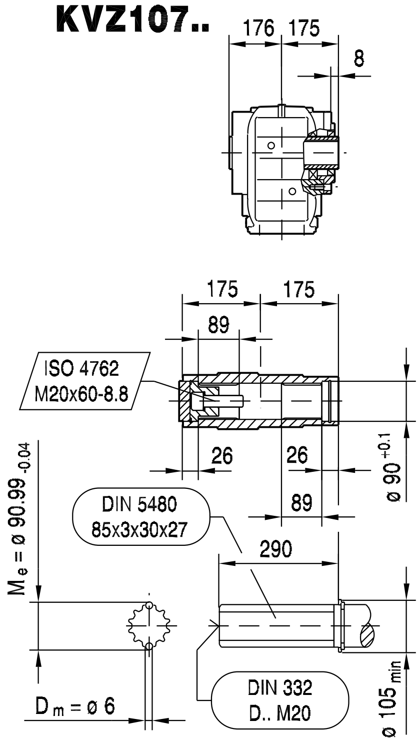
KAZ107..



KHZ107..



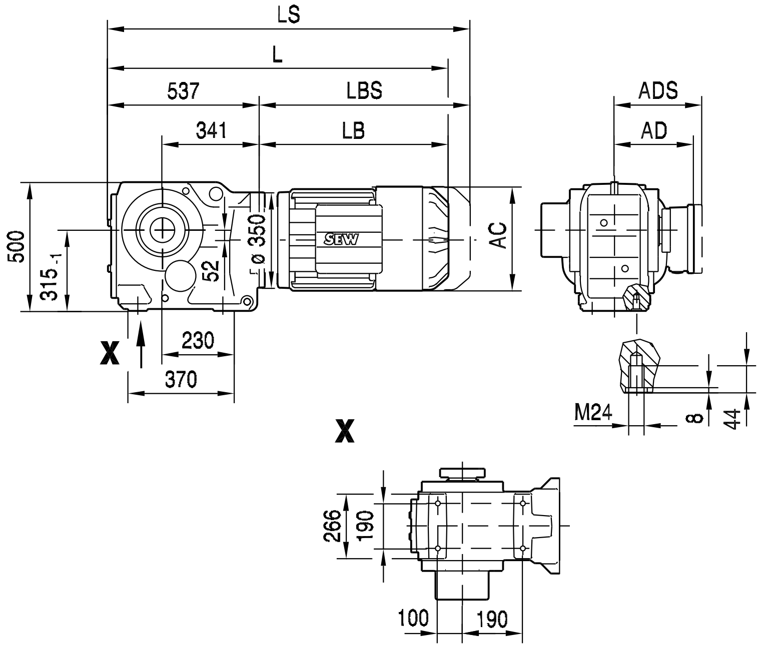
KVZ107..

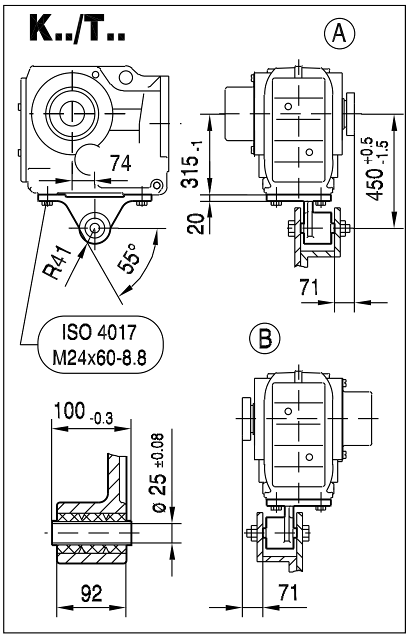


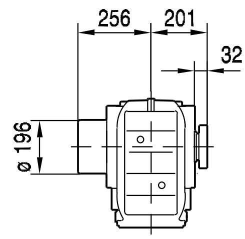
(→ 📖 129)	DRL90L	DRL100L	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC
AC	179	197	221	221	270	316	316	394	394
AD	140	157	170	170	228	253	253	283	283
ADS	150	158	172	172	228	253	253	283	283
L	885	944	1025	1075	1079	1148	1208	1281	1331
LS	971	1031	1133	1183	1216	1337	1397	1486	1536
LB	348	407	488	538	542	611	671	744	794
LBS	434	494	596	646	679	800	860	949	999

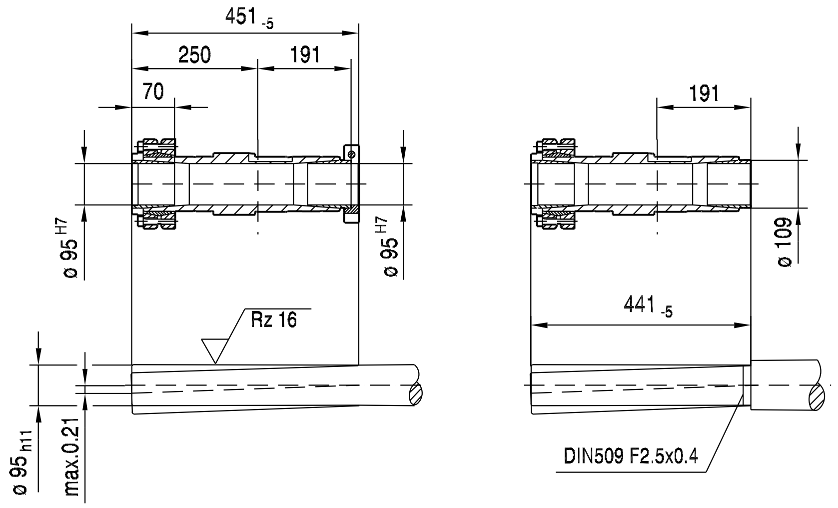
33 191 00 08

KT107..









(→ 📖 129)	DRL90L	DRL100L	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC
AC	179	197	221	221	270	316	316	394	394
AD	140	157	170	170	228	253	253	283	283
ADS	150	158	172	172	228	253	253	283	283
L	885	944	1025	1075	1079	1148	1208	1281	1331
LS	971	1031	1133	1183	1216	1337	1397	1486	1536
LB	348	407	488	538	542	611	671	744	794
LBS	434	494	596	646	679	800	860	949	999

10.2.9 K 127

M_{aDyn} Nm	i	DRL 132S D1	132S D2	132MC D1	132MC D2	160M D1	160M D2	160MC D1	160MC D2	180S D1	180S D2	180M D1	180M D2	180L D1	180L D2
K127 3	8.68				1660		2330		2660	1740	3160	2080	3580	2660	4330
	10.74		1540	1340	2060	1700	2880	1900	3290	2160	3910	2570	4430	3290	5360
	12.79	980	1840	1590	2450	2020	3430	2270	3920	2570	4660	3060	5270	3920	6380
	14.35				2750		3850		4400	2890	5230	3440	5920	4400	7160
	17.77		2550	2210	3410	2810	4770	3150	5450	3580	6480	4260	7330	5450	8870
	21.15	1620	3040	2630	4060	3350	5680	3750	6490	4260	7710	5070	8730	6490	10500
	23.91	1830	3440	2980	4590	3780	6420	4240	7340	4820	8720	5730	9870	7340	11900
	27.68	2120	3980	3450	5310	4380	7440	4910	8500	5580	10000	6640	11400	8500	13800
	31.37	2400	4510	3910	6020	4960	8430	5570	9630	6320	11400	7520	12900	9630	>14800
	36.25	2780	5220	4520	6960	5740	9740	6430	11100	7300	13200	8700	>14800	11100	>14800
	40.19		5660	4910	7550	6230	10500	6980	12000	7930	14300	9440	>14800	12000	>14800
	47.82	3590	6740	5840	8990	7410	12500	8310	14300	9430	>14800	11200	>14800	14300	>14800
	54.07	4060	7620	6600	10100	8380	14200	9400	>14800	10600	>14800	12700	>14800	>14800	>14800
	62.60	4700	8820	7640	11700	9700	>14800	10800	>14800	12300	>14800	14700	>14800	>14800	>14800
	70.95	5330	10000	8670	13300	11000	>14800	12300	>14800	14000	>14800	>14800	>14800	>14800	>14800
	81.98	6160	11500	10000	>14800	12700	>14800	14200	>14800	>14800	>14800	>14800	>14800	>14800	>14800
	89.89	6750	12600	10900	>14800	13900	>14800	>14800	>14800	>14800	>14800	>14800	>14800	>14800	>14800
	110.18	8280	>14800	13400	>14800	>14800	>14800	>14800	>14800	>14800		>14800		>14800	
	122.48	9210	>14800	>14800		>14800		>14800							
	136.14	10200	>14800	>14800		>14800		>14800							
	146.07	10900													

→ 124

m kg	s	DRL 132S	132MC	160M	160MC	180S	180M	180L
K127	3	470	485	500	510	530	550	560
KF: + 42.3 kg / KA: + -28.2 kg / KAF: + 9.2 kg								

M_{aDyn} Nm		DRL							
	i	180LC		200L		225S		225MC	
		D1	D2	D1	D2	D1	D2	D1	D2
K127 3	8.68	3490	4990	3950	5660	4330	6410	6410	9160
	10.74	4330	6180	4890	7010	5360	7930	7930	>9560
	12.79	5150	7360	5830	8340	6380	9450	9450	>9680
	14.35	5780	8260	6540	9360	7160	10600	10600	>14800
	17.77	7160	10200	8100	11600	8870	13100	13100	>14800
	21.15	8520	12100	9640	13800	10500	>14800	>14800	>14800
	23.91	9640	13700	10900	>14800	11900	>14800	>14800	>14800
	27.68	11100	>14800	12600	>14800	13800	>14800	>14800	
	31.37	12600	>14800	14300	>14800	>14800	>14800	>14800	
	36.25	14600		>14800		>14800			
	40.19	>14800	>14800	>14800	>14800	>14800	>14800	>14800	>14800
	47.82	>14800	>14800	>14800	>14800	>14800	>14800	>14800	>14800
	54.07	>14800	>14800	>14800	>14800	>14800	>14800	>14800	>14800
	62.60	>14800	>14800	>14800	>14800	>14800	>14800	>14800	
	70.95	>14800	>14800	>14800	>14800	>14800	>14800	>14800	
	81.98	>14800		>14800		>14800			
	89.89	>14800		>14800		>14800			
	110.18								
	122.48								
	136.14								
	146.07								

→ 124

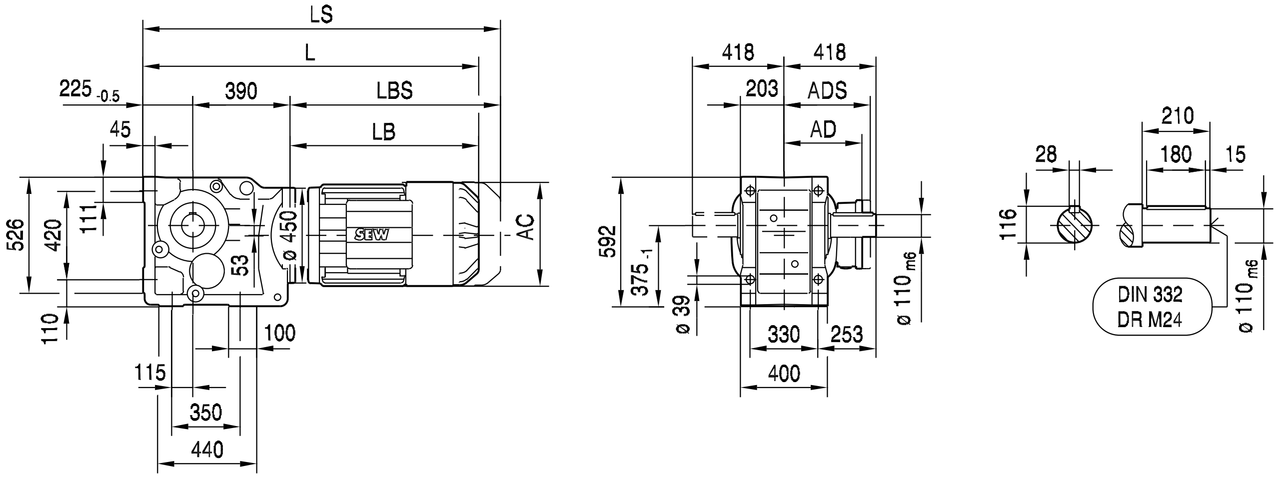
m kg		DRL			
	s	180LC	200L	225S	225MC
K127	3	570	670	700	740
KF: + 42.3 kg / KA: + -28.2 kg / KAF: + 9.2 kg					

DRL..				c_{TG}				φ
	i	n_{epk} 1/min	η %	K Nm/'	KF Nm/'	KA Nm/'	KAF Nm/'	/R '
K127 3	8.68	2797	96	1033	967	1784	1784	8
	10.74	4500	96	1033	967	1784	1784	8
	12.79	4500	96	1033	967	1784	1784	8
	14.35	4500	96	1157	1075	2481	2481	6
	17.77	4500	96	1157	1075	2481	2481	6
	21.15	4500	96	1157	1075	2481	2481	6
	23.91	4500	96	1157	1075	2481	2481	6
	27.68	4500	96	1157	1075	2481	2481	6
	31.37	4500	96	1157	1075	2481	2481	6
	36.25	4500	96	1157	1075	2481	2481	6
	40.19	3197	94	1223	1131	2803	2803	5
	47.82	3597	94	1223	1131	2803	2803	5
	54.07	3924	94	1223	1131	2803	2803	5
	62.60	4378	94	1223	1131	2803	2803	5
	70.95	4500	94	1223	1131	2803	2803	5
	81.98	4500	94	1223	1131	2803	2803	5
	89.89	4500	94	1223	1131	2803	2803	5
	110.18	4500	94	1223	1131	2803	2803	5
	122.48	4500	94	1223	1131	2803	2803	5
	136.14	4500	94	1223	1131	2803	2803	5
	146.07	4500	94	1223	1131	2803	2803	5

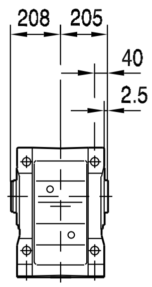
DRL..							F_{Ramax}				F_{Rapk}			
n_e = 1400	i	M_{amax} Nm	M_{apk} Nm	$M_{aNotaus}$ Nm	n_{ak} 1/min	J_G 10^{-4} kgm^2	K N	KF N	KA N	KAF N	K N	KF N	KA N	KAF N
K127 3	8.68	7230	9390	12291	230	450	32500	39100	3750	56600	80900	82700	90000	90000
	10.74	8000	9560	13600	177	318	33900	41000	3100	59300	80800	82600	90000	90000
	12.79	8530	9680	14501	149	240	35400	42900	3080	62100	80800	82600	90000	90000
	14.35	12100	14800	20570	132	431	31000	36700	35	58100	76400	75700	90000	90000
	17.77	13000	14800	22100	113	305	32600	38600	39	61600	76400	75700	90000	90000
	21.15	13000	14800	22100	123	226	37200	44000	39	67200	76400	75700	90000	90000
	23.91	13000	14800	22100	125	187	39800	47900	575	71300	76400	75700	90000	90000
	27.68	13000	14800	22100	130	148	43000	52600	2830	76300	76400	75700	90000	90000
	31.37	13000	14800	22100	137	120	45900	55800	4840	80900	76400	75700	90000	90000
	36.25	13000	14800	22100	141	97	49400	59600	7280	86300	76400	75700	90000	90000
	40.19	13000	14800	22100	55	184	52000	62400	9090	90000	76400	75700	90000	90000
	47.82	13000	14800	22100	56	146	56500	67300	12300	90000	76400	75700	90000	90000
	54.07	13000	14800	22100	57	124	59800	70900	14700	90000	76400	75700	90000	90000
	62.60	13000	14800	22100	58	101	64000	75500	17600	90000	76400	75700	90000	90000
	70.95	13000	14800	22100	59	84	67700	79500	20300	90000	76400	75700	90000	90000
	81.98	13000	14800	22100	60	70	72100	80900	23400	90000	76400	75700	90000	90000
	89.89	13000	14800	22100	61	61	75100	80900	25600	90000	76400	75700	90000	90000
	110.18	13000	14800	22100	62	40	79200	80900	30500	90000	76400	75700	90000	90000
	122.48	13000	14800	22100	57	35	79200	80900	33200	90000	76400	75700	90000	90000
	136.14	13000	14800	22100	51	29	79200	80900	36000	90000	76400	75700	90000	90000
	146.07	13000	14800	22100	48	26	79200	80900	37900	90000	76400	75700	90000	90000

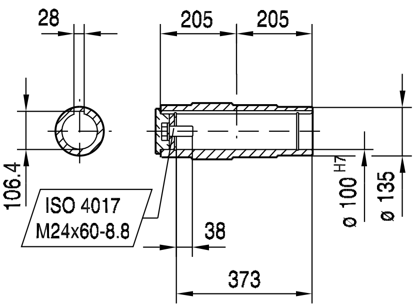
33 192 00 08

K127..

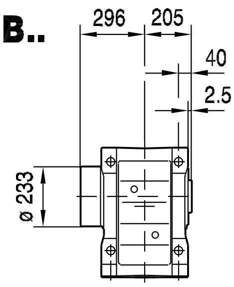


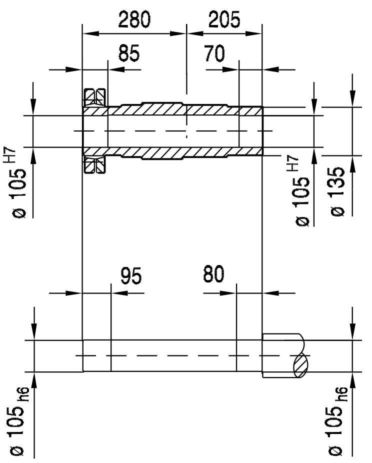
KA127B..





KH127B..

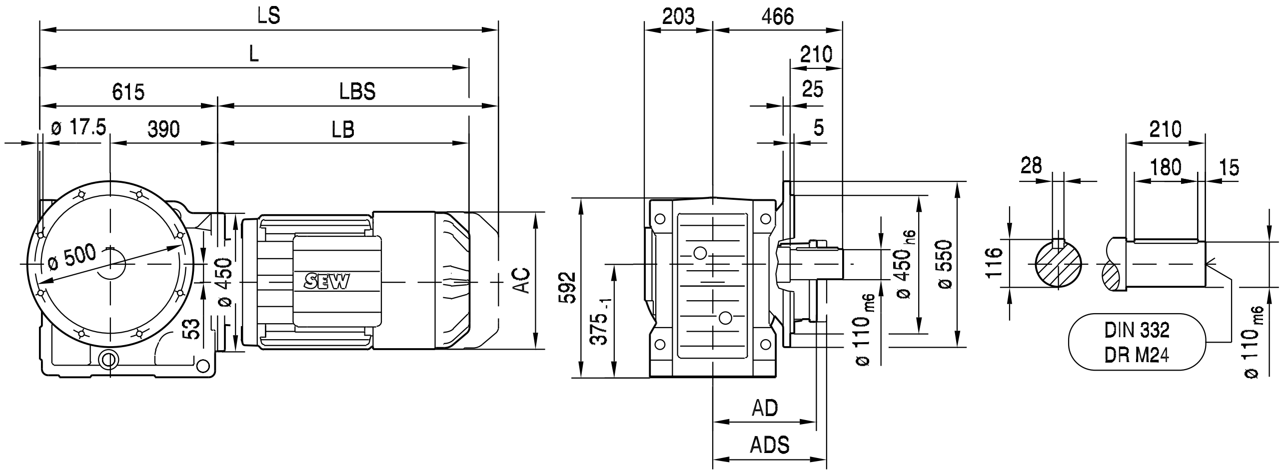




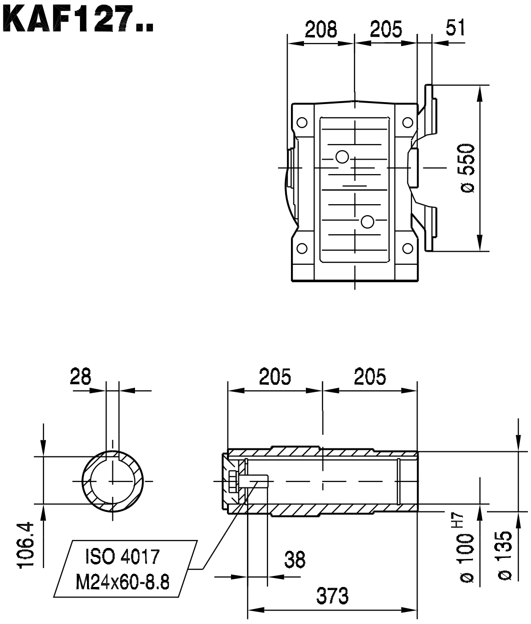
(→ 📖 129)	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC	
AC	221	221	270	316	316	394	394	
AD	170	170	228	253	253	283	283	
ADS	172	172	228	253	253	283	283	
L	1088	1138	1142	1211	1271	1344	1394	
LS	1196	1246	1279	1400	1460	1549	1599	
LB	473	523	527	596	656	729	779	
LBS	581	631	664	785	845	934	984	

33 193 00 08

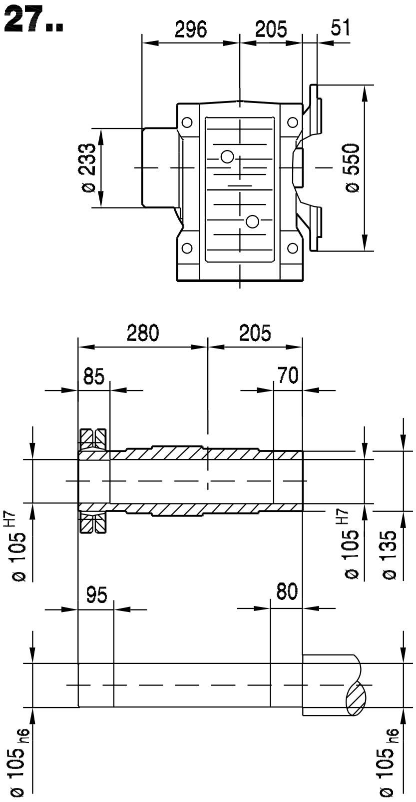
KF127..



KAF127..



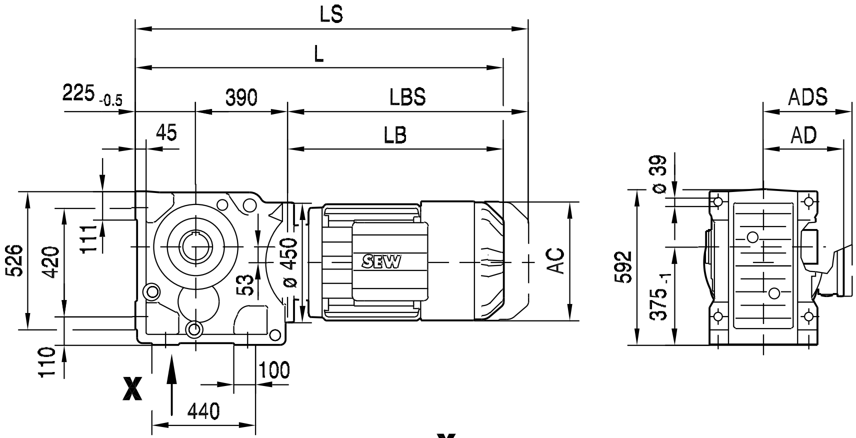
KHF127..

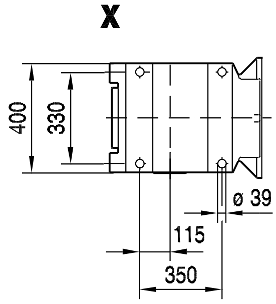


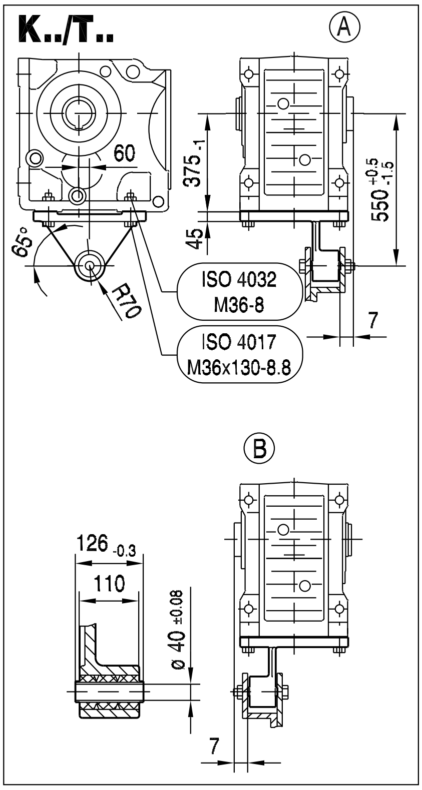
(→ 📖 129)	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC	
AC	221	221	270	316	316	394	394	
AD	170	170	228	253	253	283	283	
ADS	172	172	228	253	253	283	283	
L	1088	1138	1142	1211	1271	1344	1394	
LS	1196	1246	1279	1400	1460	1549	1599	
LB	473	523	527	596	656	729	779	
LBS	581	631	664	785	845	934	984	

33 194 00 08

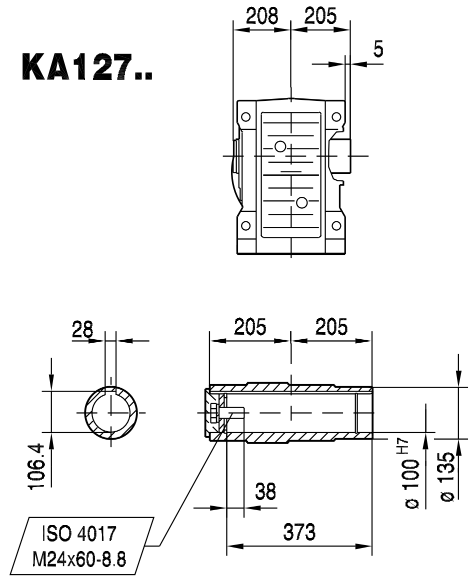
KA127..



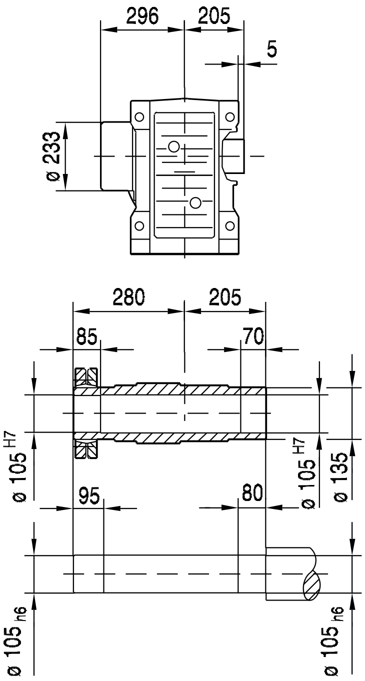




KA127..



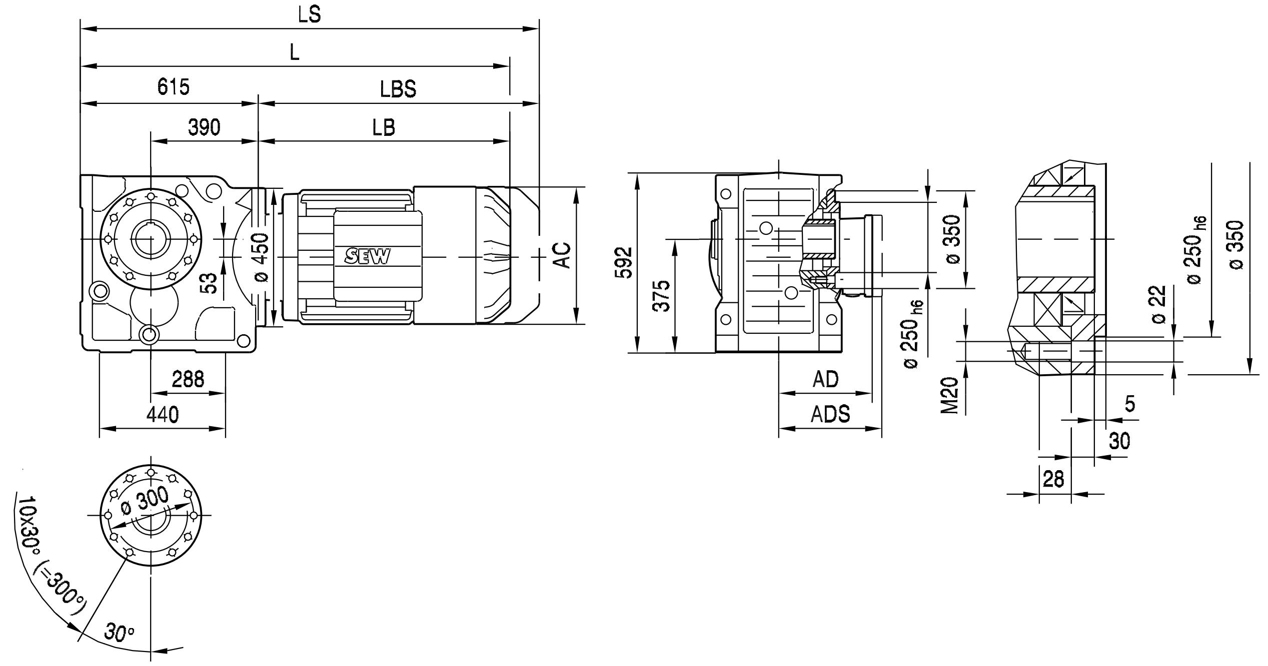
KH127..



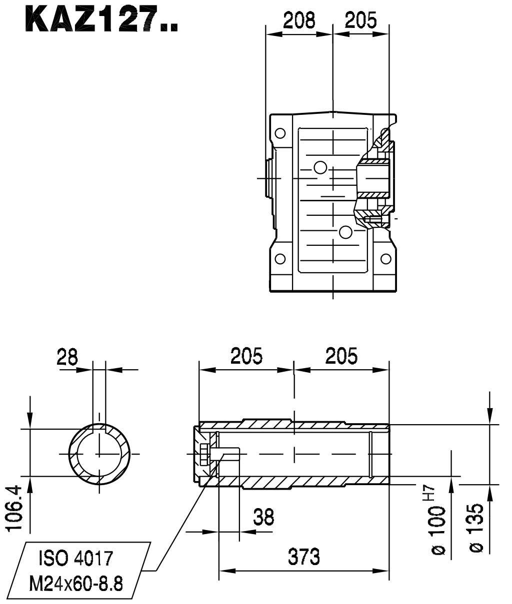
(→ 📖 129)	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC	
AC	221	221	270	316	316	394	394	
AD	170	170	228	253	253	283	283	
ADS	172	172	228	253	253	283	283	
L	1088	1138	1142	1211	1271	1344	1394	
LS	1196	1246	1279	1400	1460	1549	1599	
LB	473	523	527	596	656	729	779	
LBS	581	631	664	785	845	934	984	

KAZ127..

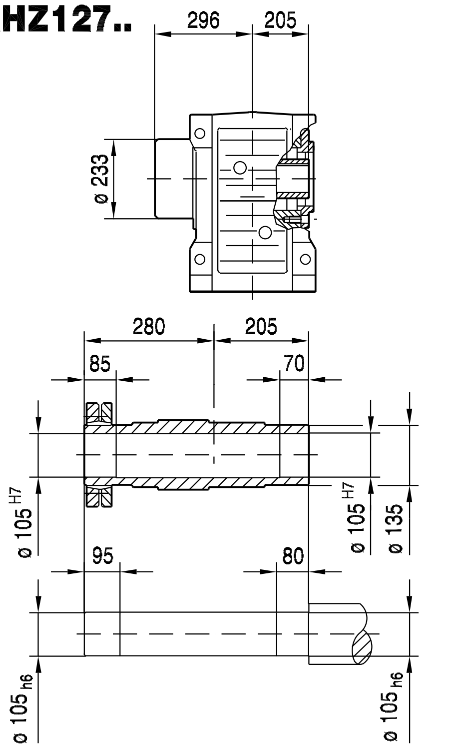
33 195 00 08



KAZ127..



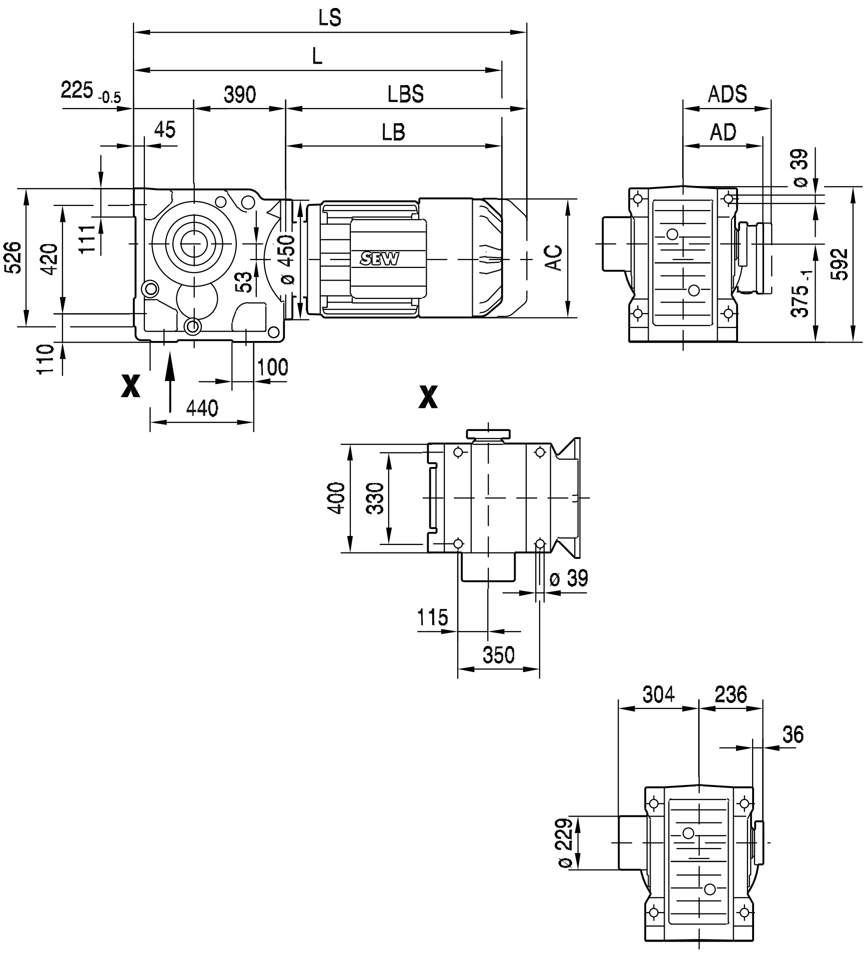
KHZ127..



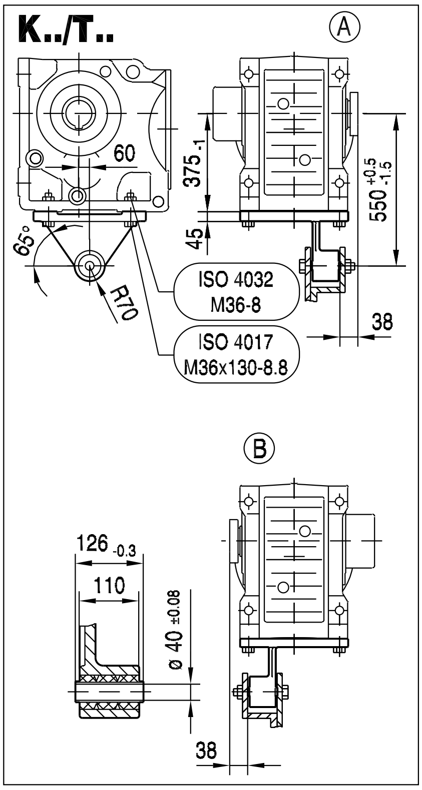
(→ 📖 129)	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC	
AC	221	221	270	316	316	394	394	
AD	170	170	228	253	253	283	283	
ADS	172	172	228	253	253	283	283	
L	1088	1138	1142	1211	1271	1344	1394	
LS	1196	1246	1279	1400	1460	1549	1599	
LB	473	523	527	596	656	729	779	
LBS	581	631	664	785	845	934	984	

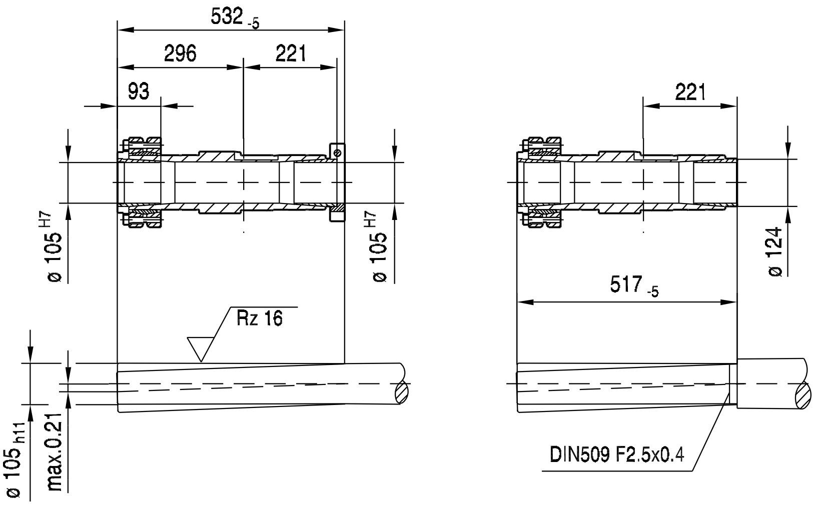
33 196 00 08

KT127..



K../T..





(→ 129)	DRL132S	DRL132MC	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC	
AC	221	221	270	316	316	394	394	
AD	170	170	228	253	253	283	283	
ADS	172	172	228	253	253	283	283	
L	1088	1138	1142	1211	1271	1344	1394	
LS	1196	1246	1279	1400	1460	1549	1599	
LB	473	523	527	596	656	729	779	
LBS	581	631	664	785	845	934	984	

10.2.10 K 157

M_{aDyn} Nm	i	160M D1	160M D2	160MC D1	160MC D2	180S D1	180S D2	180M D1	180M D2	180L D1	180L D2
K157 3	12.65						4610		5220		6310
	14.92		4010		4580	3000	5440	3580	6150	4580	7440
	18.37	2900	4930	3260	5640	3700	6700	4400	7580	5640	9170
	21.31	3370	5720	3780	6540	4290	7770	5110	8790	6540	10600
	23.95	3790	6430	4250	7350	4820	8730	5740	9880	7350	11900
	27.62	4370	7420	4900	8480	5560	10000	6620	11400	8480	13700
	31.30	4950	8410	5550	9610	6310	11400	7510	12900	9610	15600
	38.02		10000		11400	7500	13500	8930	15300	11400	18500
	46.79	7250	12300	8130	14000	9230	16700	10900	18900	14000	>21800
	54.29	8420	14200	9440	16300	10700	19300	12700	>21800	16300	>21800
	61.02	9460	16000	10600	18300	12000	21700	14300	>21800	18300	>21800
	70.38	10900	18500	12200	21100	13800	>21800	16500	>21800	21100	>21800
	79.75	12300	20900	13800	>21800	15700	>21800	18700	>21800	>21800	>21800
	91.65	14200	>21800	15900	>21800	18000	>21800	21500	>21800	>21800	>21800
	100.22	15500	>21800	17400	>21800	19700	>21800	>21800	>21800	>21800	>21800
	122.39	19100	>21800	21500	>21800	>21800		>21800		>21800	
	150.41	>21800		>21800							

→ 124

m kg	s	DRL 160M	DRL 160MC	DRL 180S	DRL 180M	DRL 180L
K157	3	730	740	770	780	790
KF: + 78.4 kg / KA: + -36.9 kg / KAF: + 21.7 kg						

M_{aDyn} Nm		DRL							
	i	180LC		200L		225S		225MC	
		D1	D2	D1	D2	D1	D2	D1	D2
K157 3	12.65	5100	7280	5760	8250	6310	9350	9350	13300
	14.92	6010	8590	6800	9730	7440	11000	11000	15700
	18.37	7400	10500	8370	11900	9170	13500	13500	19300
	21.31	8590	12200	9710	13900	10600	15700	15700	>21800
	23.95	9650	13700	10900	15600	11900	17700	17700	>21800
	27.62	11100	15900	12500	18000	13700	20400	20400	
	31.30	12600	18000	14200	20400	15600	>21800	>21800	
	38.02	15000	21400	16900	>21800	18500	>21800	>21800	>21800
	46.79	18400	>21800	20800	>21800	>21800	>21800	>21800	>21800
	54.29	21400	>21800	>21800	>21800	>21800	>21800	>21800	>21800
	61.02	>21800	>21800	>21800	>21800	>21800	>21800	>21800	>21800
	70.38	>21800	>21800	>21800	>21800	>21800	>21800	>21800	
	79.75	>21800	>21800	>21800	>21800	>21800	>21800	>21800	
	91.65	>21800		>21800		>21800			
	100.22	>21800		>21800		>21800			
	122.39								
	150.41								

→ 124

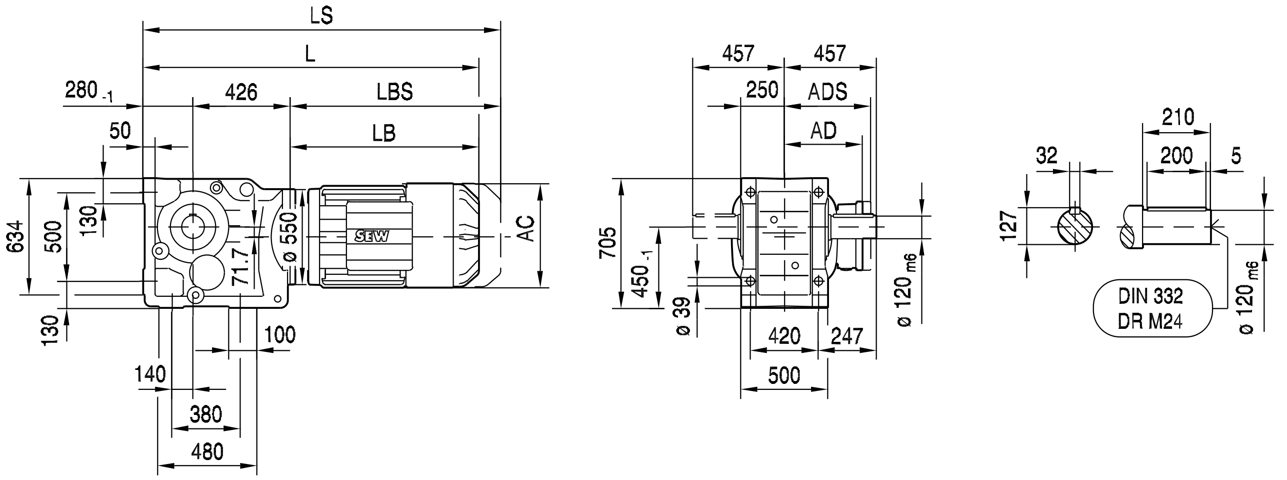
m kg		DRL			
	s	180LC	200L	225S	225MC
K157	3	800	900	930	970
KF: + 78.4 kg / KA: + -36.9 kg / KAF: + 21.7 kg					

DRL..	i	n_{epk} 1/min	η %	c_{TG} K Nm/'	KF Nm/'	KA Nm/'	KAF Nm/'	φ /R '
K157 3	12.65	4500	96	1755	1609	3541	3541	6
	14.92	4500	96	1755	1609	3541	3541	6
	18.37	4500	96	1755	1609	3541	3541	6
	21.31	4500	96	1755	1609	3541	3541	6
	23.95	4500	96	1755	1609	3541	3541	6
	27.62	4500	96	1755	1609	3541	3541	6
	31.30	4500	96	1755	1609	3541	3541	6
	38.02	2797	94	1903	1733	4202	4202	5
	46.79	3197	94	1903	1733	4202	4202	5
	54.29	3597	94	1903	1733	4202	4202	5
	61.02	3924	94	1903	1733	4202	4202	5
	70.38	4378	94	1903	1733	4202	4202	5
	79.75	4500	94	1903	1733	4202	4202	5
	91.65	4500	94	1903	1733	4202	4202	5
	100.22	4500	94	1903	1733	4202	4202	5
	122.39	4500	95	1903	1733	4202	4202	5
	150.41	4500	95	1903	1733	4202	4202	5

DRL.. n_e = 1400	i	M_{amax} Nm	M_{apk} Nm	$M_{aNotaus}$ Nm	n_{ak} 1/min	J_G 10^{-4} kgm^2	F_{Ramax} K N	KF N	KA N	KAF N	F_{Rapk} K N	KF N	KA N	KAF N
K157 3	12.65	17000	21800	28900	142	1096	36700	44200	44800	44800	110000	106200	120000	120000
	14.92	18000	21800	30600	127	817	38200	46200	46700	46700	110000	106200	120000	120000
	18.37	18000	21800	30600	136	574	43200	51400	52900	52900	110000	106200	120000	120000
	21.31	18000	21800	30600	141	428	47000	55400	57700	57700	110000	106200	120000	120000
	23.95	18000	21800	30600	146	351	50000	58600	61500	61500	110000	106200	120000	120000
	27.62	18000	21800	30600	156	274	54000	62700	66400	66400	110000	106200	120000	120000
	31.30	18000	21800	30600	160	222	57500	66400	70900	70900	110000	106200	120000	120000
	38.02	18000	21800	30600	76	364	63400	72500	78200	78200	110000	106200	120000	120000
	46.79	18000	21800	30600	81	280	70000	79500	86500	86500	110000	106200	120000	120000
	54.29	18000	21800	30600	81	215	74900	84700	92700	92700	110000	106200	120000	120000
	61.02	18000	21800	30600	84	183	79000	89000	97900	97900	110000	106200	120000	120000
	70.38	18000	21800	30600	85	150	84200	94400	104400	104400	110000	106200	120000	120000
	79.75	18000	21800	30600	85	125	88900	99300	110300	110300	110000	106200	120000	120000
	91.65	18000	21800	30600	76	104	94400	105100	117100	117100	110000	106200	120000	120000
	100.22	18000	21800	30600	70	91	98000	108200	120000	120000	110000	106200	120000	120000
	122.39	18000	21800	30600	57	59	106500	108200	120000	120000	110000	106200	120000	120000
	150.41	18000	21800	30600	47	44	112200	108200	120000	120000	110000	106200	120000	120000

33 197 00 08

K157..



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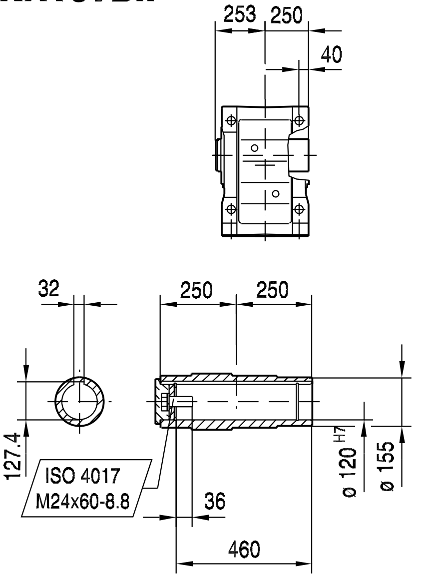
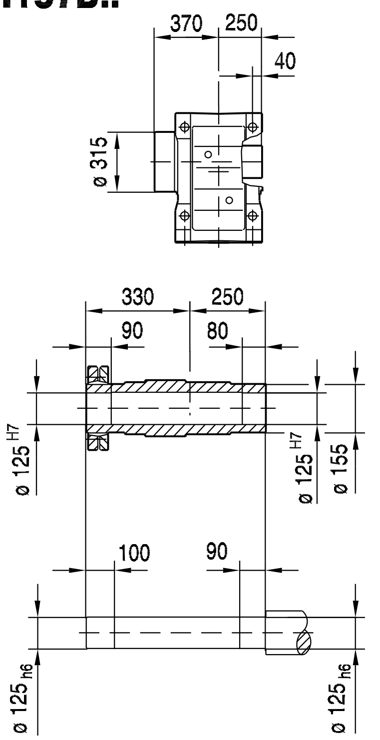
KA157B..



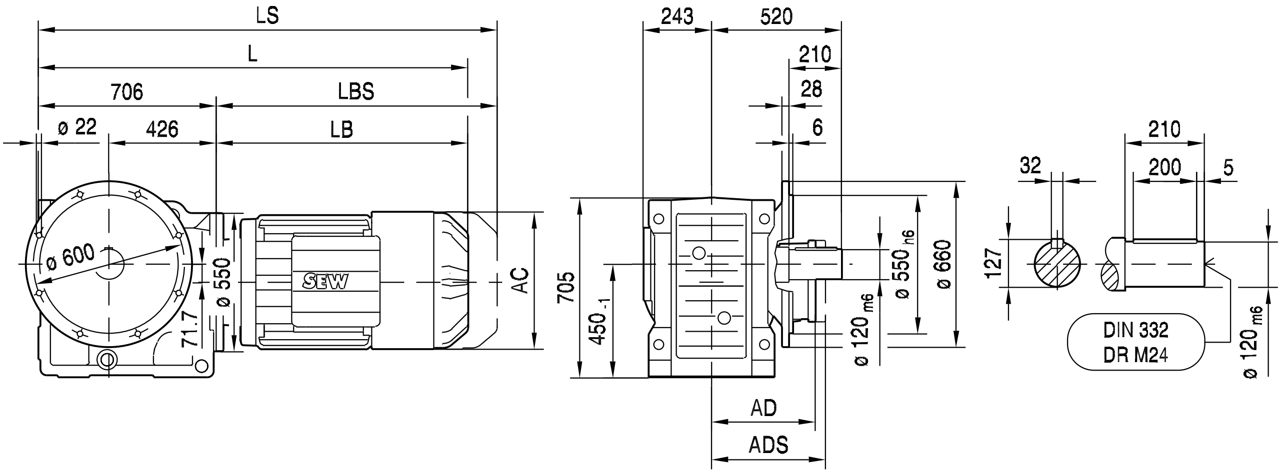
KH157B..



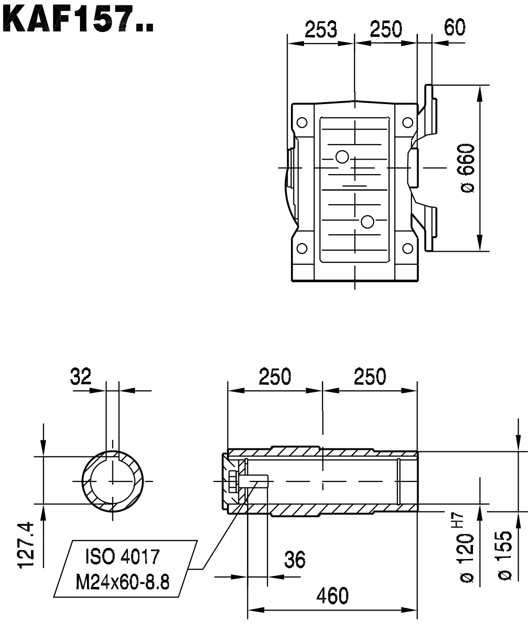
(→ 📖 129)	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC			
AC	270	316	316	394	394			
AD	228	253	253	283	283			
ADS	228	253	253	283	283			
L	1225	1294	1354	1427	1477			
LS	1362	1483	1543	1632	1682			
LB	519	588	648	721	771			
LBS	656	777	837	926	976			

33 198 00 08

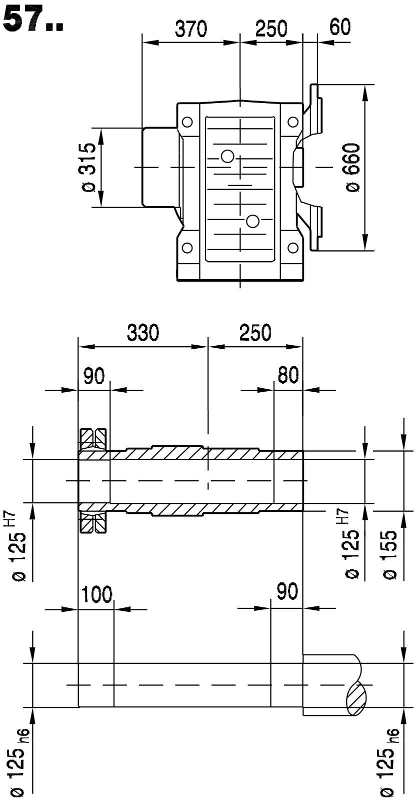
KF157..



KAF157..



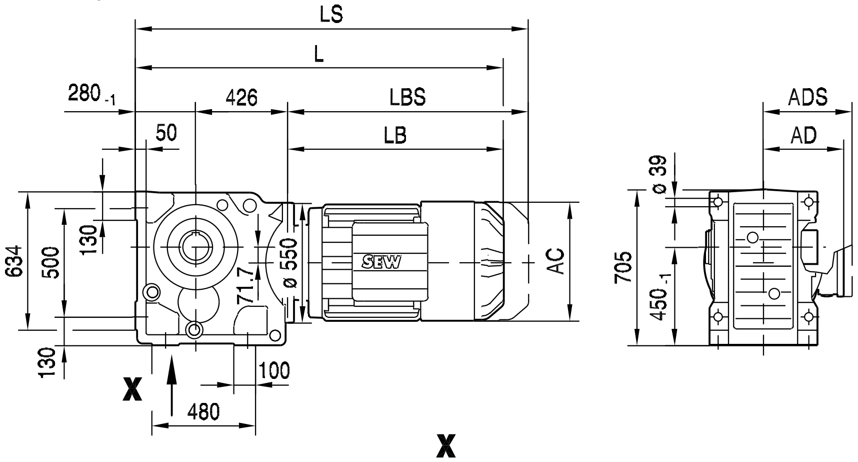
KHF157..



(→ 📖 129)	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC			
AC	270	316	316	394	394			
AD	228	253	253	283	283			
ADS	228	253	253	283	283			
L	1225	1294	1354	1427	1477			
LS	1362	1483	1543	1632	1682			
LB	519	588	648	721	771			
LBS	656	777	837	926	976			

33 199 00 08

KA157..



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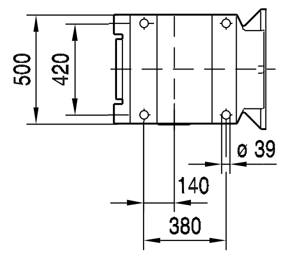
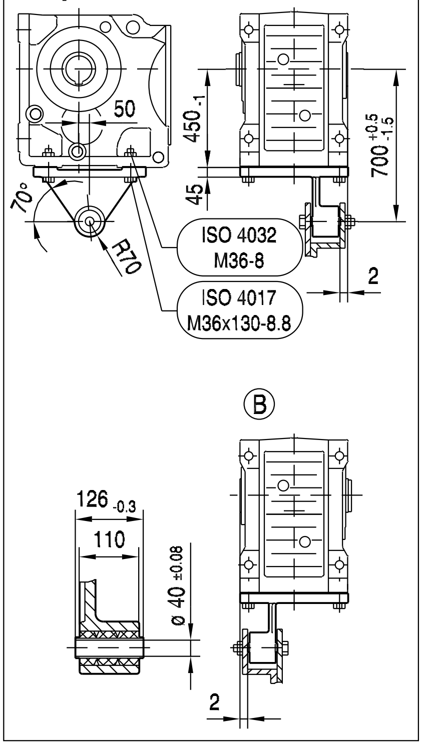
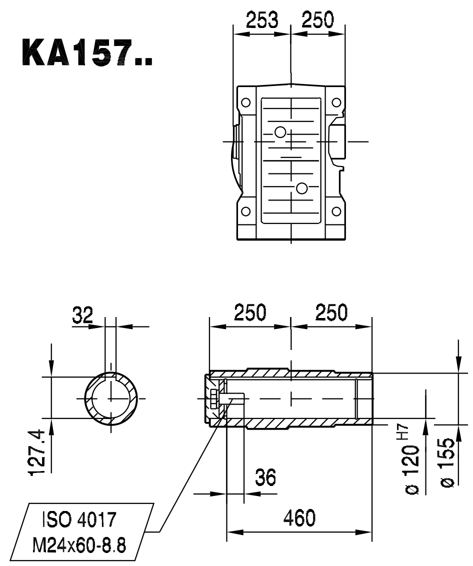


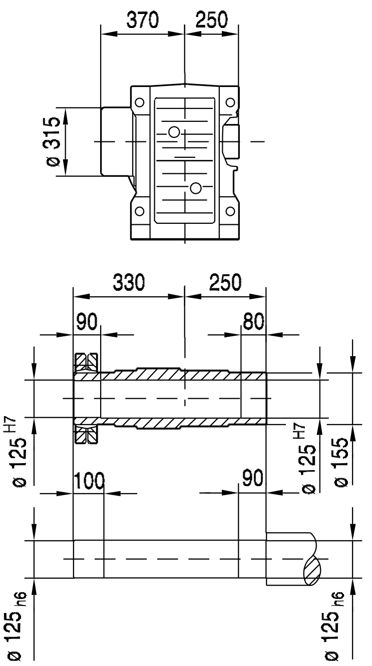
K../T..



KA157..



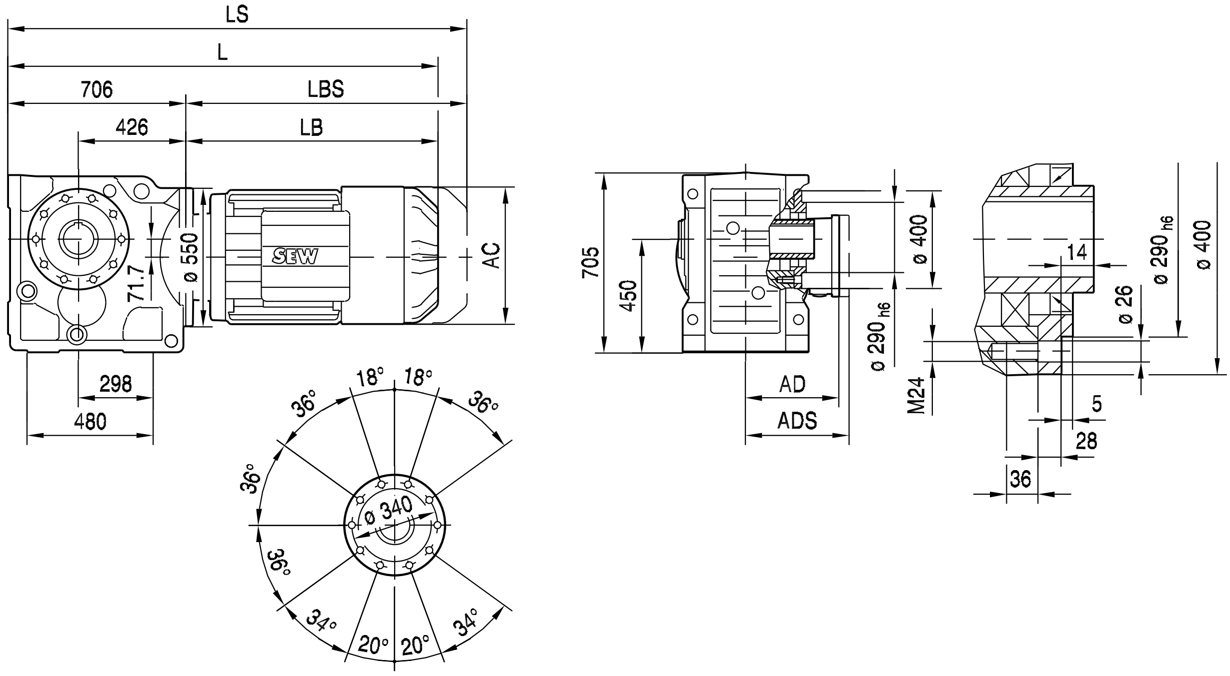
KH157..



(→ 🕮 129)	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC			
AC	270	316	316	394	394			
AD	228	253	253	283	283			
ADS	228	253	253	283	283			
L	1225	1294	1354	1427	1477			
LS	1362	1483	1543	1632	1682			
LB	519	588	648	721	771			
LBS	656	777	837	926	976			

33 200 00 08

KAZ157..



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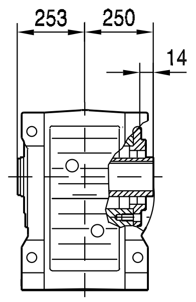
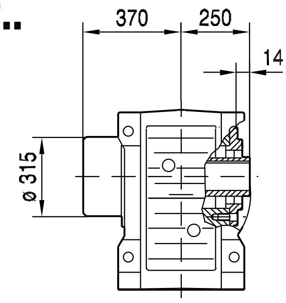
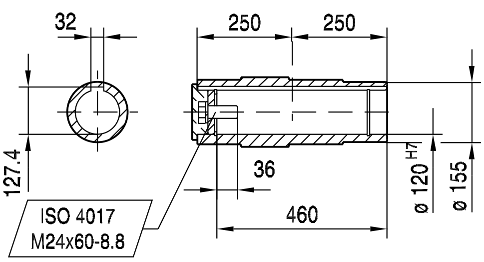
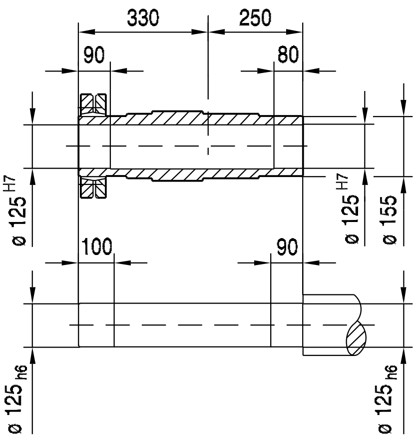


KHZ157..



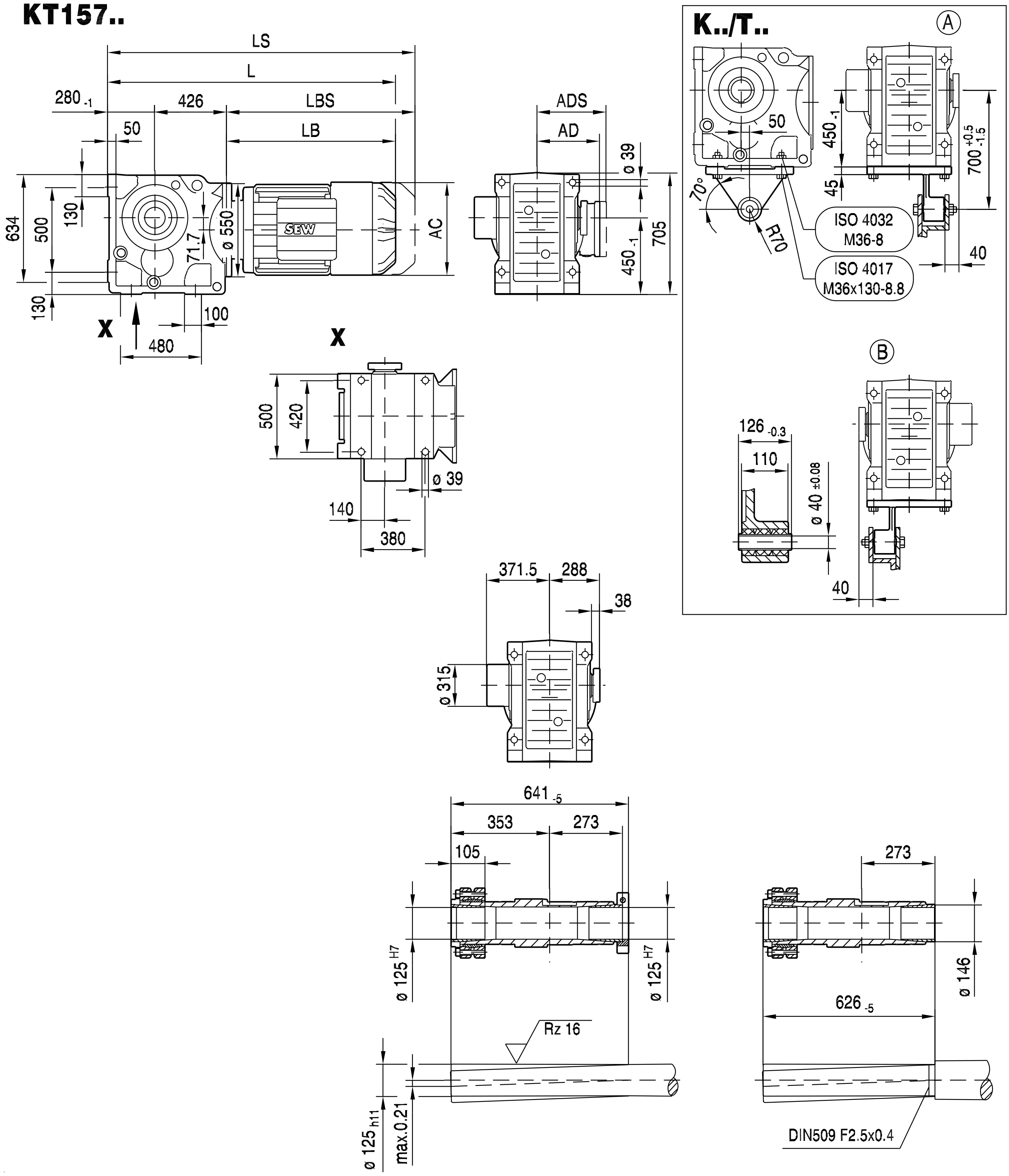




(→ 📖 129)	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC			
AC	270	316	316	394	394			
AD	228	253	253	283	283			
ADS	228	253	253	283	283			
L	1225	1294	1354	1427	1477			
LS	1362	1483	1543	1632	1682			
LB	519	588	648	721	771			
LBS	656	777	837	926	976			

33 201 00 08

KT157..



(→ 📖 129)	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC			
AC	270	316	316	394	394			
AD	228	253	253	283	283			
ADS	228	253	253	283	283			
L	1225	1294	1354	1427	1477			
LS	1362	1483	1543	1632	1682			
LB	519	588	648	721	771			
LBS	656	777	837	926	976			

10.2.11 K 167

M_{aDyn} Nm	i	DRL 160M D1	DRL 160M D2	DRL 160MC D1	DRL 160MC D2	DRL 180S D1	DRL 180S D2	DRL 180M D1	DRL 180M D2	DRL 180L D1	DRL 180L D2
K167 3	17.34						6320		7150		8650
	20.32		5460		6240	4090	7410	4870	8380	6240	10100
	24.52	3880	6590	4350	7530	4940	8940	5880	10100	7530	12200
	28.77	4550	7730	5100	8830	5800	10400	6900	11800	8830	14300
	32.25	5100	8660	5720	9900	6500	11700	7740	13300	9900	16000
	36.61						13000		14700		17800
	42.89		11200		12900	8460	15300	10000	17300	12900	20900
	51.77	8110	13700	9090	15700	10300	18600	12200	21100	15700	25500
	60.74	9520	16100	10600	18400	12100	21900	14400	24800	18400	30000
	68.07	10600	18100	11900	20600	13500	24500	16100	27800	20600	>32100
	78.14	12200	20700	13700	23700	15500	28200	18500	31900	23700	>32100
	87.86	13700	23300	15400	26700	17500	31700	20800	>32100	26700	>32100
	109.83	17200	29200	19300	>32100	21900	>32100	26000	>32100	>32100	>32100
	134.99	21100	>32100	23700	>32100	26900		32000		>32100	
	164.50	25700		28900							

m kg	s	DRL 160M	DRL 160MC	DRL 180S	DRL 180M	DRL 180L
K167	3	1130	1130	1160	1180	1190
KH: + -38.0 kg						

M_{aDyn} Nm	i	DRL 180LC D1	DRL 180LC D2	DRL 200L D1	DRL 200L D2	DRL 225S D1	DRL 225S D2	DRL 225MC D1	DRL 225MC D2
K167 3	17.34	6990	9980	7900	11300	8650	12800	12800	18300
	20.32	8190	11700	9260	13200	10100	15000	15000	21400
	24.52	9880	14100	11100	16000	12200	18100	18100	25800
	28.77	11600	16500	13100	18700	14300	21200	21200	30300
	32.25	13000	18500	14700	21000	16000	23800	23800	>32100
	36.61	14400	20600	16300	23400	17800	26400	26400	>32100
	42.89	16900	24100	19100	27400	20900	31000	31000	>32100
	51.77	20600	29500	23300	>32100	25500	>32100	>32100	>32100
	60.74	24200	>32100	27400	>32100	30000	>32100	>32100	>32100
	68.07	27100	>32100	30700	>32100	>32100	>32100	>32100	>32100
	78.14	31100	>32100	>32100	>32100	>32100	>32100	>32100	
	87.86	>32100	>32100	>32100	>32100	>32100	>32100	>32100	
	109.83	>32100		>32100		>32100			
	134.99								
	164.50								

m kg	s	DRL 180LC	DRL 200L	DRL 225S	DRL 225MC
K167	3	1200	1300	1330	1370
KH: + -38.0 kg					

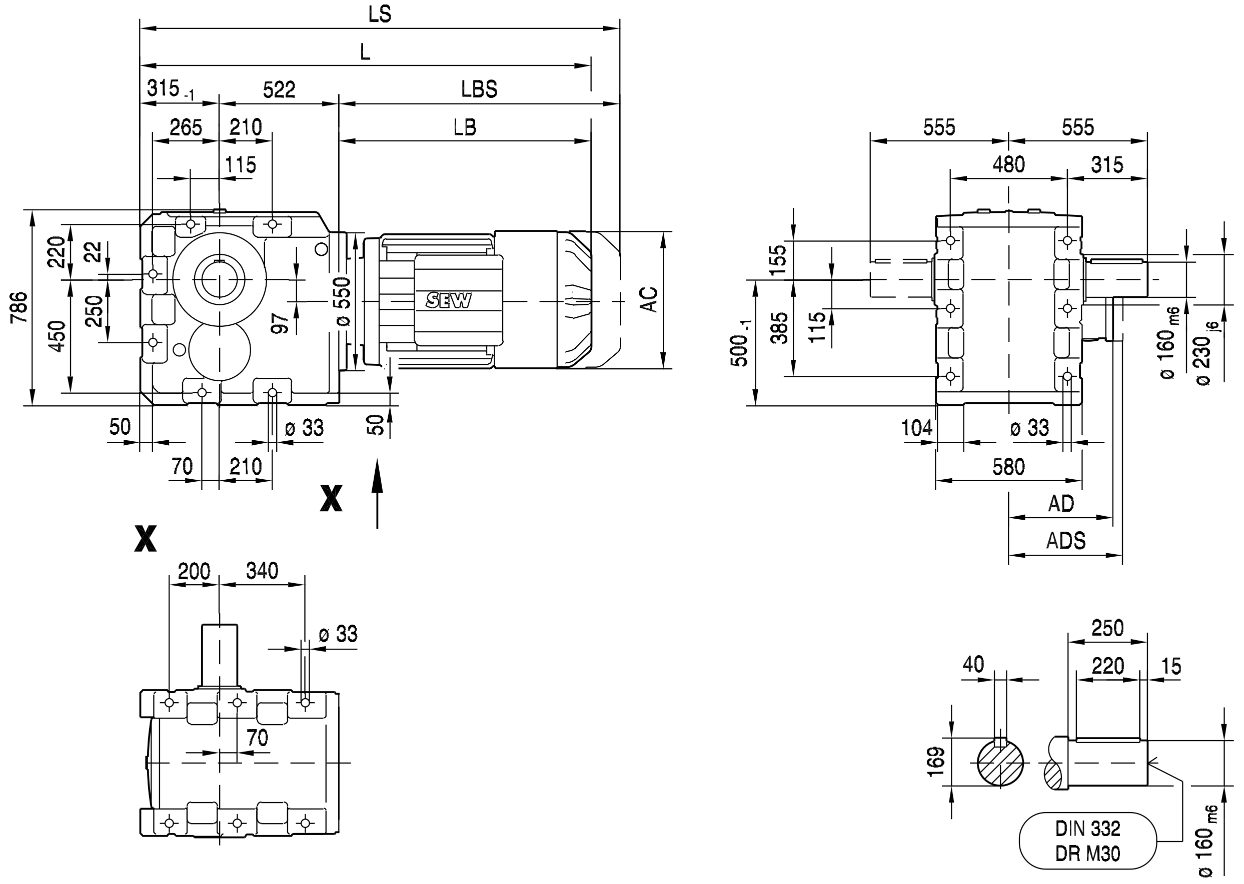
→ 124

DRL..	i	n_{epk} 1/min	η %	c_{TG} K Nm/'	c_{TG} KH Nm/'	φ /R '
K167 3	17.34	4500	96	4094	3081	5
	20.32	4500	96	4094	3081	5
	24.52	4500	96	4094	3081	5
	28.77	4500	96	4094	3081	5
	32.25	4500	96	4094	3081	5
	36.61	2518	94	4504	3308	5
	42.89	2797	94	4504	3308	5
	51.77	3197	95	4504	3308	5
	60.74	3597	95	4504	3308	5
	68.07	3924	95	4504	3308	5
	78.14	4378	95	4504	3308	5
	87.86	4500	95	4504	3308	5
	109.83	4500	95	4504	3308	5
	134.99	4500	95	4504	3308	5
	164.50	4500	95	4504	3308	4

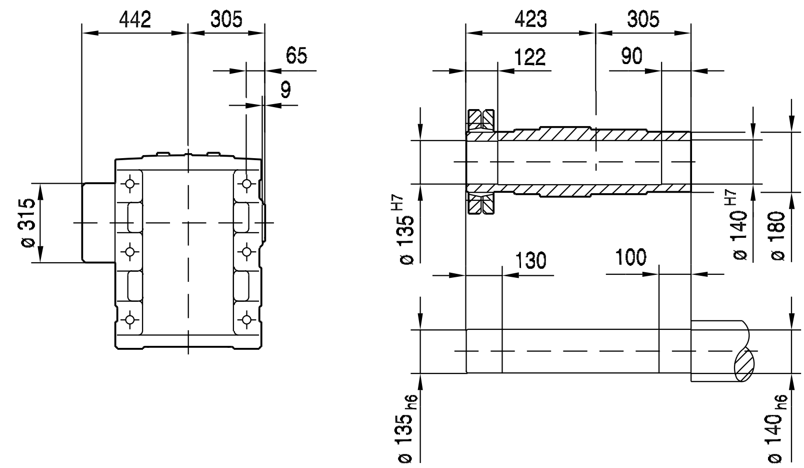
DRL.. n_e = 1400	i	M_{amax} Nm	M_{apk} Nm	$M_{aNotaus}$ Nm	n_{ak} 1/min	J_G 10^{-4} kgm^2	F_{Ramax} K N	F_{Ramax} KH N	F_{Rapk} K N	F_{Rapk} KH N
K167 3	17.34	32000	32100	54400	98	1210	67900	84500	150000	150000
	20.32	32000	32100	54400	108	917	74000	92300	150000	150000
	24.52	32000	32100	54400	114	660	81700	102000	150000	150000
	28.77	32000	32100	54400	122	495	88600	110600	150000	150000
	32.25	32000	32100	54400	124	409	93700	117100	150000	150000
	36.61	32000	32100	54400	74	667	99700	124500	150000	150000
	42.89	32000	32100	54400	77	522	107400	134200	150000	150000
	51.77	32000	32100	54400	81	376	117000	146300	150000	150000
	60.74	32000	32100	54400	82	298	125600	150000	150000	150000
	68.07	32000	32100	54400	85	252	132000	150000	150000	150000
	78.14	32000	32100	54400	86	203	140100	150000	150000	150000
	87.86	32000	32100	54400	80	168	147200	150000	150000	150000
	109.83	32000	32100	54400	64	121	150000	150000	150000	150000
	134.99	32000	32100	54400	52	80	150000	150000	150000	150000
	164.50	32000	32100	54400	43	58	150000	150000	150000	150000

33 202 00 08

K167..



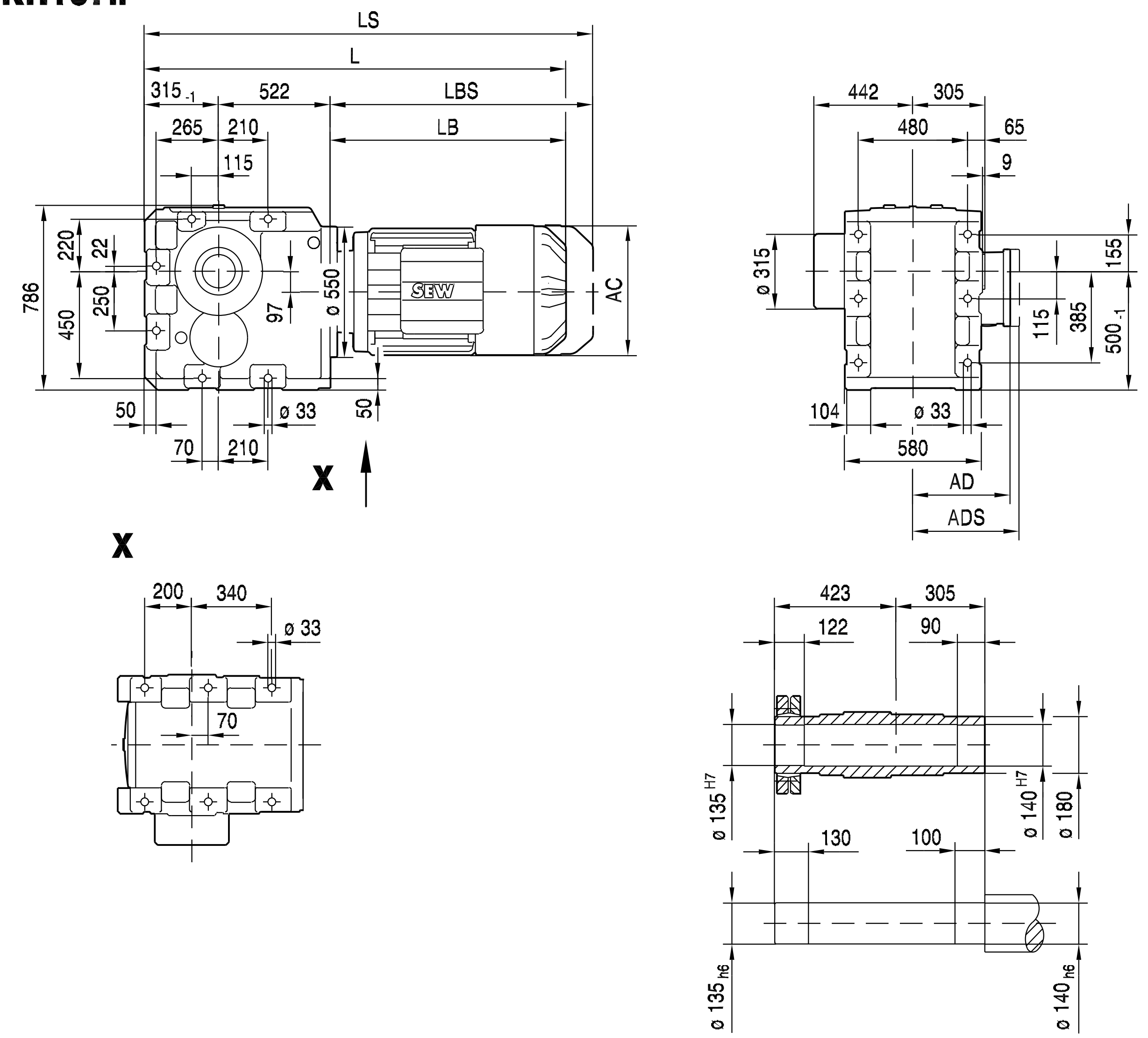
KH167B..



(→ 📖 129)	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC			
AC	270	316	316	394	394			
AD	228	253	253	283	283			
ADS	228	253	253	283	283			
L	1356	1425	1485	1558	1608			
LS	1493	1614	1674	1763	1813			
LB	519	588	648	721	771			
LBS	656	777	837	926	976			

33 203 00 08

KH167..



(→ 📖 129)	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC			
AC	270	316	316	394	394			
AD	228	253	253	283	283			
ADS	228	253	253	283	283			
L	1356	1425	1485	1558	1608			
LS	1493	1614	1674	1763	1813			
LB	519	588	648	721	771			
LBS	656	777	837	926	976			

10.2.12 K 187

M_{aDyn} Nm	i	DRL 160M D1	160M D2	160MC D1	160MC D2	180S D1	180S D2	180M D1	180M D2	180L D1	180L D2
K187 3	17.18						6260		7090		8570
	20.15						7350		8310		10000
	24.18						8820		9980		12000
	27.92		7500		8570	5620	10100	6700	11500	8570	13900
	33.23	5260	8930	5900	10200	6690	12100	7970	13700	10200	16500
	38.57	6100	10300	6850	11800	7770	14000	9250	15900	11800	19200
	42.51	6730	11400	7540	13000	8570	15500	10200	17500	13000	21200
	45.50						16200		18300		22200
	53.36						19000		21500		26000
	64.04						22800		25800		31300
	73.96		19400		22200	14500	26400	17300	29800	22200	36100
	88.00	13600	23100	15300	26400	17300	31400	20600	35500	26400	43000
	102.16	15800	26800	17700	30700	20100	36400	24000	41200	30700	49900
	112.60	17400	29600	19500	33800	22200	40200	26400	45500	33800	55000
	129.69	20100	34100	22500	39000	25600	46300	30400	52400	39000	>55600
	144.59	22400	38000	25100	43400	28500	51600	33900	>55600	43400	>55600
	165.21	25800	43900	29000	50200	32900	>55600	39200	>55600	50200	>55600
	179.86	28100	47800	31600	54600	35800	>55600	42700	>55600	54600	>55600

m kg	s	DRL 160M	160MC	180S	180M	180L
K187	3	1710	1720	1740	1760	1770
KH: + -67.0 kg						

M_{aDyn} Nm	i	DRL 180LC D1	180LC D2	200L D1	200L D2	225S D1	225S D2	225MC D1	225MC D2
K187 3	17.18	6920	9890	7830	11200	8570	12600	12600	18100
	20.15	8120	11600	9180	13100	10000	14800	14800	21200
	24.18	9740	13900	11000	15700	12000	17800	17800	25500
	27.92	11200	16000	12700	18200	13900	20600	20600	29400
	33.23	13300	19100	15100	21600	16500	24500	24500	35000
	38.57	15500	22200	17500	25100	19200	28500	28500	40700
	42.51	17100	24400	19300	27700	21200	31400	31400	44800
	45.50	17900	25600	20300	29000	22200	32900	32900	47000
	53.36	21000	30000	23800	34100	26000	38600	38600	55100
	64.04	25200	36100	28500	40900	31300	46300	46300	>55600
	73.96	29100	41700	33000	47200	36100	53500	53500	>55600
	88.00	34700	49600	39200	>55600	43000	>55600	>55600	>55600
	102.16	40300	>55600	45600	>55600	49900	>55600	>55600	>55600
	112.60	44400	>55600	50200	>55600	55000	>55600	>55600	>55600
	129.69	51200	>55600	>55600	>55600	>55600	>55600	>55600	
	144.59	>55600	>55600	>55600	>55600	>55600	>55600	>55600	
	165.21	>55600		>55600		>55600			
	179.86	>55600		>55600		>55600			

m kg	s	DRL 180LC	200L	225S	225MC
K187	3	1780	1880	1910	1950
KH: + -67.0 kg					

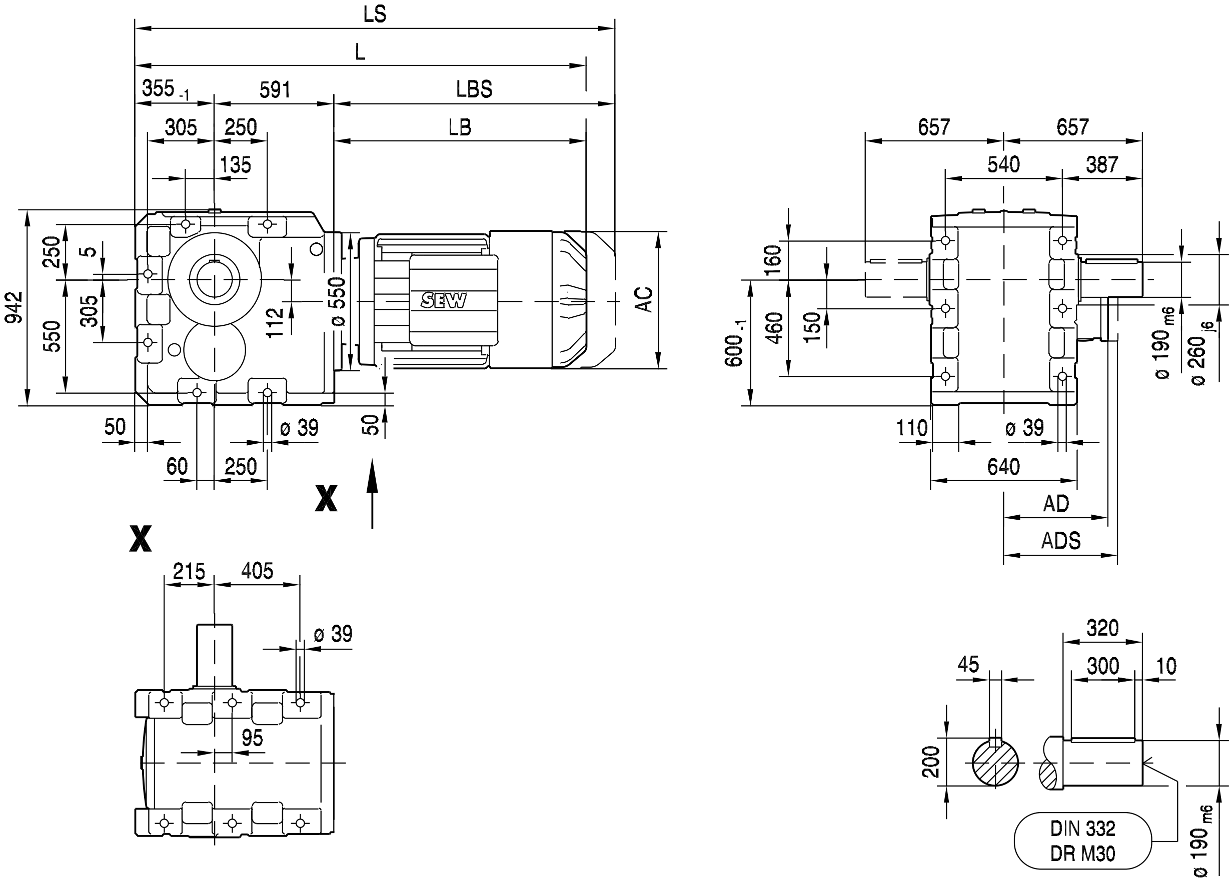
→ 124

DRL..	i	n_{epk} 1/min	η %	c_{TG} K Nm/'	c_{TG} KH Nm/'	φ /R '
K187 3	17.18	4500	96	6149	4246	4
	20.15	4500	96	6149	4246	4
	24.18	4500	96	6149	4246	4
	27.92	4500	96	6149	4246	4
	33.23	4500	96	6149	4246	4
	38.57	4500	96	6149	4246	4
	42.51	4500	96	6149	4246	4
	45.50	2014	94	6900	4591	4
	53.36	2238	94	6900	4591	4
	64.04	2518	94	6900	4591	4
	73.96	2797	94	6900	4591	4
	88.00	3197	94	6900	4591	4
	102.16	3597	94	6900	4591	4
	112.60	3924	94	6900	4591	4
	129.69	4378	94	6900	4591	4
	144.59	4500	94	6900	4591	4
	165.21	4500	95	6900	4591	4
	179.86	4500	95	6900	4591	4

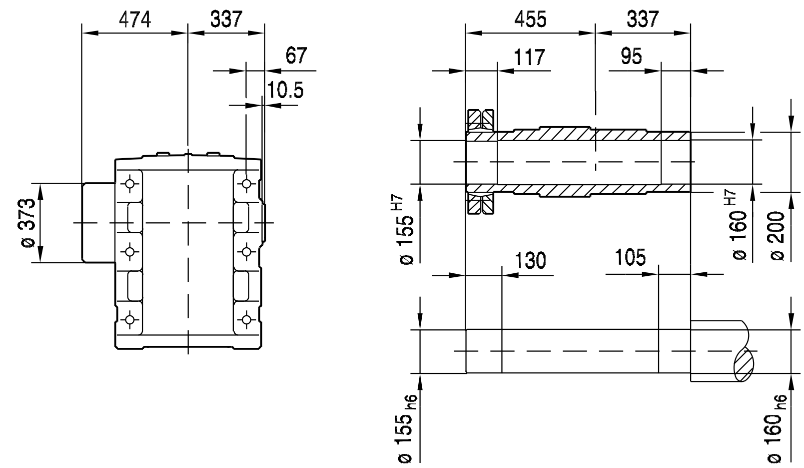
DRL.. n_e = 1400	i	M_{amax} Nm	M_{apk} Nm	$M_{aNotaus}$ Nm	n_{ak} 1/min	J_G 10^{-4} kgm^2	F_{Ramax} K N	F_{Ramax} KH N	F_{Rapk} K N	F_{Rapk} KH N
K187 3	17.18	41400	55600	70380	93	3276	80800	103800	190000	190000
	20.15	43900	55600	74630	79	2495	84000	107900	190000	190000
	24.18	47600	55600	80920	66	1864	86800	111500	190000	190000
	27.92	50000	55600	85000	61	1464	90200	115800	190000	190000
	33.23	50000	55600	85000	63	1090	99100	127400	190000	190000
	38.57	50000	55600	85000	65	842	107200	137800	190000	190000
	42.51	50000	55600	85000	66	703	112700	144800	190000	190000
	45.50	50000	55600	85000	31	1586	116600	149800	190000	190000
	53.36	50000	55600	85000	32	1266	126100	162100	190000	190000
	64.04	50000	55600	85000	33	1011	137600	176800	190000	190000
	73.96	50000	55600	85000	34	824	147000	189000	190000	190000
	88.00	50000	55600	85000	35	626	159000	190000	190000	190000
	102.16	50000	55600	85000	36	507	169900	190000	190000	190000
	112.60	50000	55600	85000	36	427	177200	190000	190000	190000
	129.69	50000	55600	85000	37	354	188200	190000	190000	190000
	144.59	50000	55600	85000	37	267	190000	190000	190000	190000
	165.21	50000	55600	85000	38	222	190000	190000	190000	190000
	179.86	50000	55600	85000	38	194	190000	190000	190000	190000

33 204 00 08

K187..



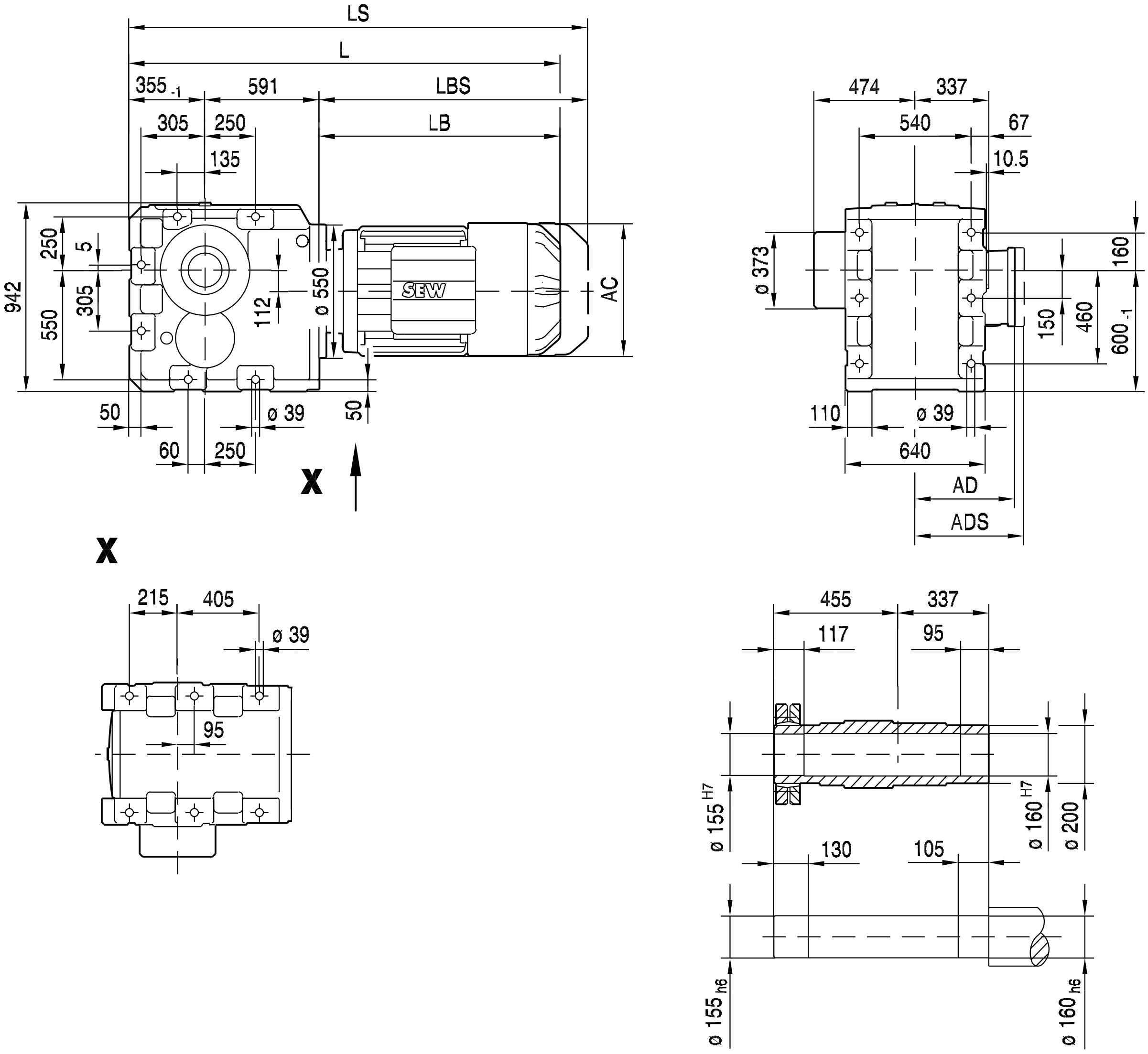
KH187B..



(→ 📖 129)	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC			
AC	270	316	316	394	394			
AD	228	253	253	283	283			
ADS	228	253	253	283	283			
L	1465	1534	1594	1667	1717			
LS	1602	1723	1783	1872	1922			
LB	519	588	648	721	771			
LBS	656	777	837	926	976			

33 205 00 08

KH187..



(→ 📖 129)	DRL160..	DRL180S/M	DRL180L/LC	DRL225S	DRL225MC			
AC	270	316	316	394	394			
AD	228	253	253	283	283			
ADS	228	253	253	283	283			
L	1465	1534	1594	1667	1717			
LS	1602	1723	1783	1872	1922			
LB	519	588	648	721	771			
LBS	656	777	837	926	976			