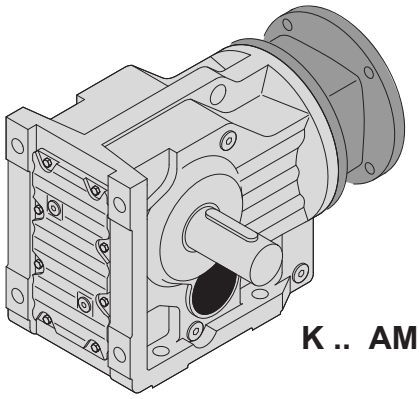
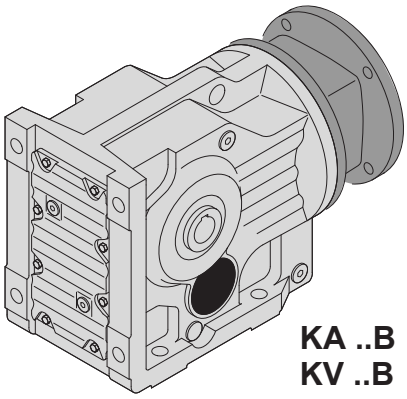
10 K - Helical Bevel

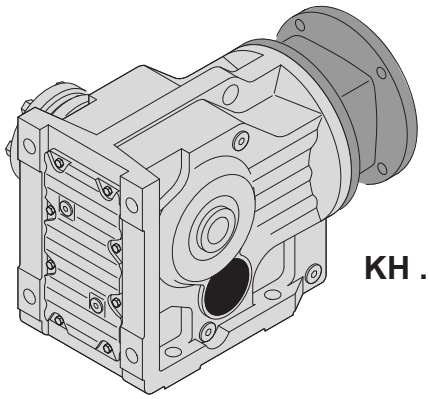
10.1 K.. AM



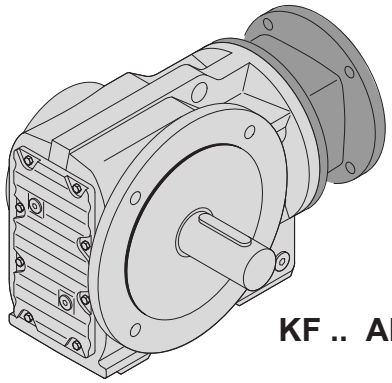
K .. AM..



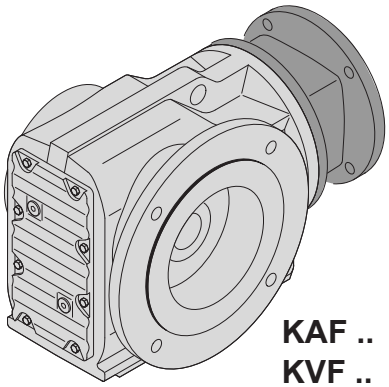
KA ..B AM..
KV ..B AM..



KH ..B AM..

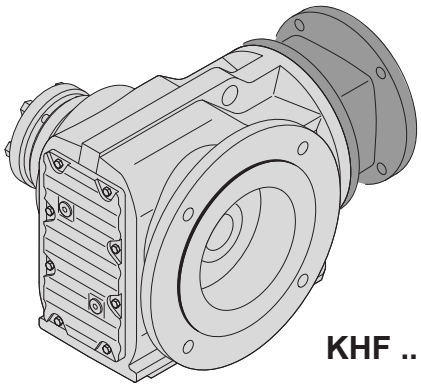


KF .. AM..

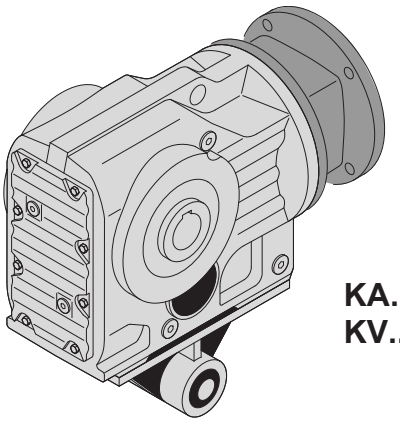


KAF .. AM..
KVF .. AM ..

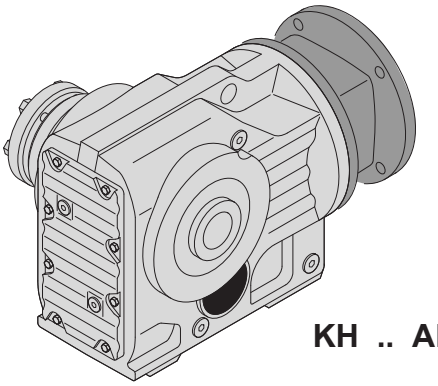
50405AXX



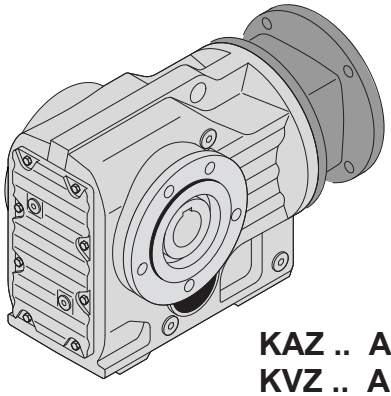
KHF .. AM..



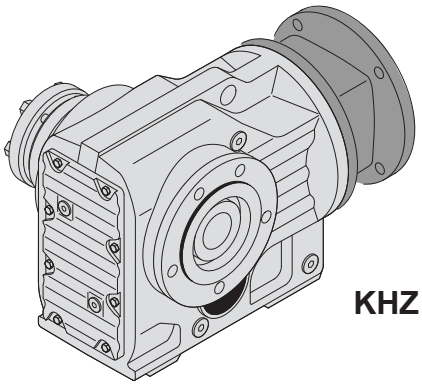
KA../T AM..
KV../T AM..



KH .. AM..



KAZ .. AM..
KVZ .. AM..



KHZ .. AM..

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10.1.1 K19

K19, n_e = 1700 rpm								705 lb-in
	i	n_a	$T_{a\ max}$	F_{Ra}	$\phi_{(/R)}$	AM		
Stages	[ratio]	[rpm]	[lb-in]	[lb]	[']	56	143	145
K19 2	**4.50**	378	705	415	-			
	5.16	329	705	440	-			
	5.54	307	705	455	-			
	6.41	265	705	485	-			
	6.91	246	705	500	-			
	8.09	210	705	535	-			
	9.58	177	555	605	-			
	10.32	165	670	560	-			
	11.84	144	695	590	-			
	12.70	134	705	605	-			
	14.69	116	705	645	-			
	15.84	107	705	665	-			
	18.55	92	705	710	-			
	21.98	77	705	765	-			
	24.06	71	705	790	-			
	26.88	63	705	830	-			
	27.16	63	530	850	-			
	29.14	58	705	860	-			
	29.29	58	535	870	-			
	31.74	54	705	890	-			
	34.29	50	565	920	-			
	40.63	42	590	980	-			
	44.48	38	610	970	-			
	49.69	34	615	970	-			
	53.88	32	615	970	-			
	58.68	29	615	970	-			

Weight [lbs]		Stages	AM		
			56	143	145
K19	NEMA	2	16	20	20
			71	**80**	**90**
	IEC	2	16	20	20
KA19: -0.5 lbs / KAF19: +0 lbs / KF19: +1.0 lbs					

10.1.2 K29

K29, n_e = 1700 rpm								1150 lb-in
	i	n_a	$T_{a\ max}$	F_{Ra}	$\phi_{(/R)}$	AM		
Stages	[ratio]	[rpm]	[lb-in]	[lb]	[']	56	143	145
K29 2	**3.19**	533	970	375	-			
	3.92	434	1110	390	-			
	5.10	333	970	465	-			
	5.75	296	990	490	-			
	6.95	245	990	530	-			
	7.48	227	1080	470	-			
	8.53	199	1070	565	-			
	9.17	185	1150	505	-			
	9.90	172	970	620	-			
	11.94	142	1150	575	-			
	13.47	126	1150	610	-			
	16.29	104	1150	665	-			
	19.99	85	1150	730	-			
	22.08	77	920	790	-			
	23.19	73	1150	780	-			
	24.91	68	960	820	-			
	27.23	62	1150	840	-			
	29.69	57	1150	870	-			
	30.11	56	1010	880	-			
	33.15	51	1150	910	-			
	35.83	47	1150	940	-			
	36.96	46	1070	940	-			
	38.90	44	1150	980	-			
	42.87	40	1130	990	-			
	50.35	34	1150	1060	-			
	54.89	31	1150	1100	-			
	61.28	28	1150	1130	-			
	66.25	26	1150	1130	-			
	71.93	24	1150	1130	-			

Weight [lbs]		Stages	AM		
			56	143	145
K29	NEMA	2	19	23	23
			71	**80**	**90**
	IEC	2	18	23	23
KA29: -0 lbs / KAF29: +2 lbs / KF29: +2.5 lbs					

10.1.3 K37

K37, n_e = 1700 rpm								1760 lb-in
	i	n_a	$T_{a\ max}$	F_{Ra}	$\phi_{(/R)}$	AM		
Stages	[ratio]	[rpm]	[lb-in]	[lb]	[']	56	143	145
K37  3	**3.98**	427	1100	335	13			
	5.36	317	1230	365	13			
	6.37	267	1280	390	13			
	6.80	250	1320	395	13			
	7.96	214	1370	425	13			
	8.91	191	1410	445	12			
	10.49	162	1410	485	12			
	12.14	140	1410	525	12			
	13.08	130	1450	535	9			
	15.31	111	1540	565	8			
	17.15	99	1590	590	8			
	20.19	84	1630	630	8			
	23.36	73	1720	660	8			
	24.99	68	1760	675	8			
	28.83	59	1760	730	8			
	29.96	57	1760	745	7			
	35.57	48	1760	810	7			
	37.97	45	1760	840	7			
	44.46	38	1760	900	7			
	49.79	34	1760	960	7			
	58.60	29	1760	1030	7			
	67.80	25	1760	1100	7			
	72.54	23	1760	1140	7			
	83.69	20	1760	1210	7			
	97.81	17	1760	1270	7			
	106.38	16	1760	1270	7			

Weight [lbs]		Stages	AM		
			56	143	145
K37	NEMA	3	33	37	37
			71	**80**	**90**
	IEC	3	32	37	37
KA37: -0.5 lbs / KAF37: +3 lbs / KF37: +5 lbs					

10.1.4 K39

K39, n_e = 1700 rpm										2660 lb-in
	i	n_a	$T_{a\,max}$	F_{Ra}	$\phi_{(/R)}$	AM				
Stages	[ratio]	[rpm]	[lb-in]	[lb]	[']	56	143	145	182	184
K39 2	**2.81**	605	1130	650	-					
	3.94	431	1510	690	-					
	4.52	376	1690	700	-					
	5.22	326	1860	730	-					
	5.75	296	1990	740	-					
	6.75	252	2260	760	-					
	7.15	238	2350	760	-					
	8.12	209	2520	790	-					
	9.00	189	2660	810	-					
	10.61	160	2520	890	-					
	12.09	141	1650	1080	-					
	12.73	134	1700	1090	-					
	13.44	126	2390	840	-					
	15.44	110	2480	890	-					
	17.83	95	2570	940	-					
	19.62	87	2610	980	-					
	23.04	74	2660	1050	-					
	24.40	70	2660	1090	-					
	27.73	61	2660	1160	-					
	30.72	55	2660	1220	-					
	36.22	47	2660	1320	-					
	41.28	41	2660	1410	-					
	43.45	39	2660	1440	-					
	49.69	34	2660	1530	-					
	58.24	29	2660	1650	-					

Weight [lbs]		Stages	AM				
			56	143	145	182	184
K39	NEMA	2	45	49	49	57	57
			71	**80**	**90**	**100**	**112**
	IEC	2	44	49	49	59	59
KA39: -2 lbs / KAF39: +1 lbs / KF39: +3 lbs							

10.1.5 K47

K47, n_e = 1700 rpm										3530 lb-in
	i	n_a	$T_{a\ max}$	F_{Ra}	$\phi_{(/R)}$	AM				
Stages	[ratio]	[rpm]	[lb-in]	[lb]	[']	56	143	145	182	184
K47 3	**4.64**	366	1810	605	12					
	5.81	293	2030	635	12					
	6.58	258	2120	660	12					
	7.36	231	2210	685	11					
	8.56	199	2380	705	11					
	9.10	187	2470	715	11					
	10.56	161	2470	775	11					
	11.77	144	2470	820	10					
	12.19	139	3090	745	8					
	13.65	125	3180	780	8					
	15.86	107	3360	820	8					
	16.86	101	3360	850	8					
	19.58	87	3530	890	8					
	21.81	78	3530	950	8					
	24.06	71	3530	1000	8					
	25.91	66	3530	1050	8					
	29.32	58	3530	1120	8					
	31.30	54	3530	1160	7					
	35.39	48	3530	1240	7					
	39.61	43	3530	1310	7					
	46.03	37	3530	1330	7					
	48.95	35	3530	1330	7					
	56.83	30	3530	1330	7					
	63.30	27	3530	1330	6					
	69.84	24	3530	1330	6					
	75.20	23	3530	1330	6					
	85.12	20	3530	1330	6					
	90.86	19	3530	1330	6					
	104.37	16	3530	1330	6					
	121.48	14	3530	1330	6					
	131.87	13	3530	1330	6					

Weight [lbs]		Stages	AM				
			56	143	145	182	184
K47	NEMA	3	48	52	52	60	60
			71	**80**	**90**	**100**	**112**
	IEC	3	47	52	52	62	62
KA47: -2 lbs / KAF47: +4.5 lbs / KF47: +7 lbs							

10.1.6 K47R37

K47R37, n_e = 1700 rpm									3540 lb-in
i	n_a	$T_{a\,max}$	F_{Ra} [1]	Stages		$\phi_{(/R)}$	AM		
[ratio]	[rpm]	[lb-in]	[lb]	Lg	Sm	[']	56	143	145
94	18	3540	1330	3	2	-			
99	17	3540	1330	3	2	-			
112	15	3540	1330	3	2	-			
131	13	3540	1330	3	2	-			
153	11	3540	1330	3	2	-			
171	9.9	3540	1330	3	2	-			
198	8.6	3540	1330	3	2	-			
225	7.6	3540	1330	3	2	-			
256	6.6	3540	1330	3	2	-			
289	5.9	3540	1330	3	2	-			
327	5.2	3540	1330	3	2	-			
375	4.5	3540	1330	3	2	-			
426	4.0	3540	1330	3	2	-			
495	3.4	3540	1330	3	2	-			
552	3.1	3540	1330	3	2	-			
639	2.7	3540	1330	3	2	-			
718	2.4	3540	1330	3	2	-			
831	2.0	3540	1330	3	2	-			
945	1.8	3540	1330	3	2	-			
1097	1.5	3540	1330	3	2	-			
1222	1.4	3540	1330	3	2	-			
1388	1.2	3540	1330	3	3	-			
1586	1.1	3540	1330	3	3	-			
1819	0.93	3540	1330	3	3	-			
2063	0.82	3540	1330	3	3	-			
2354	0.72	3540	1330	3	3	-			
2733	0.62	3540	1330	3	3	-			
3043	0.56	3540	1330	3	3	-			
3477	0.49	3540	1330	3	3	-			
3940	0.43	3540	1330	3	3	-			
4601	0.37	3540	1330	3	3	-			
5159	0.33	3540	1330	3	3	-			
5983	0.28	3540	1330	3	3	-			
6826	0.25	3540	1330	3	3	-			
7662	0.22	3540	1330	3	3	-			
8534	0.20	3540	1330	3	3	-			
10138	0.17	3540	1330	3	3	-			

Weight [lbs]		Stages		AM		
		Large	Small	56	143	145
K47R37	NEMA	3	2	71	75	75
		3	3	71	76	76
				71	**80**	**90**
	IEC	3	2	70	75	75
		3	3	70	76	76
KA47: -2 lbs / KAF47: +4.5 lbs / KF47: +7 lbs						

10.1.7 K49

K49, n_e = 1700 rpm												4430 lb-in
	i	n_a	$T_{a\,max}$	F_{Ra}	$\phi_{(/R)}$	AM						
Stages	[ratio]	[rpm]	[lb-in]	[lb]	[']	56	143	145	182	184	213/215	
K49 2	**4.00**	425	3850	430	-							
	4.69	362	4120	420	-							
	5.29	321	4290	460	-							
	5.99	284	4430	580	-							
	6.83	249	4430	780	-							
	7.58	224	4430	820	-							
	8.66	196	4430	880	-							
	9.14	186	4430	910	-							
	10.42	163	4250	1090	-							
	11.37	150	4380	1120	-							
	13.38	127	4160	860	-							
	15.67	108	4340	920	-							
	17.67	96	4430	970	-							
	20.03	85	4430	1050	-							
	22.83	74	4430	1130	-							
	25.34	67	4430	1200	-							
	28.95	59	4430	1290	-							
	30.55	56	4430	1330	-							
	34.81	49	4430	1420	-							
	37.98	45	4430	1490	-							
	44.44	38	4430	1610	-							
	50.29	34	4430	1720	-							
	52.94	32	4430	1760	-							
	60.27	28	4430	1870	-							
	70.19	24	3940	2020	-							
	75.20	23	4200	2020	-							

Weight [lbs]		Stages	AM					
			56	143	145	182	184	213/215
K49	NEMA	2	72	76	76	84	84	96
			71	**80**	**90**	**100**	**112**	**132S/M**
	IEC	2	71	76	76	86	86	103
KA49: -6 lbs / KAF49: +5 lbs / KF49: +4 lbs								

10.1.8 K49R37

K49R37, n_e = 1700 rpm									4430 lb-in
i	n_a	$T_{a\ max}$	F_{Ra} [1]	Stages		$\Phi_{(/R)}$	AM		
[ratio]	[rpm]	[lb-in]	[lb]	Lg	Sm	[']	56	143	145
99	17	4430	2020	2	2	-			
125	14	4430	2020	2	2	-			
152	11	4430	2020	2	2	-			
176	9.7	4430	2020	2	2	-			
193	8.8	4430	2020	2	2	-			
217	7.8	4430	2020	2	2	-			
243	7.0	4430	2020	2	2	-			
274	6.2	4430	2020	2	2	-			
300	5.7	4430	2020	2	2	-			
330	5.2	4430	2020	2	2	-			
360	4.7	4430	2020	2	2	-			
401	4.2	4430	2020	2	2	-			
449	3.8	4430	2020	2	2	-			
501	3.4	4430	2020	2	2	-			
543	3.1	4430	2020	2	2	-			
595	2.9	4430	2020	2	2	-			
645	2.6	4430	2020	2	2	-			
701	2.4	4430	2020	2	2	-			
802	2.1	4430	2020	2	2	-			
908	1.9	4430	2020	2	2	-			
1000	1.7	4430	2020	2	3	-			
1120	1.5	4430	2020	2	2	-			
1228	1.4	4430	2020	2	3	-			
1309	1.3	4430	2020	2	2	-			
1424	1.2	4430	2020	2	2	-			
1521	1.1	4430	2020	2	3	-			
1632	1.0	4430	2020	2	3	-			
1741	0.98	4430	2020	2	3	-			
1941	0.88	4430	2020	2	3	-			
2118	0.80	4430	2020	2	3	-			
2372	0.72	4430	2020	2	3	-			
2545	0.67	4430	2020	2	3	-			
2773	0.61	4430	2020	2	3	-			
3081	0.55	4430	2020	2	3	-			
3580	0.47	4430	2020	2	3	-			
4034	0.42	4430	2020	2	3	-			
5120	0.33	4430	2020	2	3	-			
5991	0.28	4430	2020	2	3	-			
7137	0.24	4430	2020	2	3	-			

Weight [lbs]		Stages		AM		
		Large	Small	56	143	145
K49R37	NEMA	2	2	92	96	96
		2	3	93	97	97
				71	**80**	**90**
	IEC	2	2	91	96	96
		2	3	92	97	97
KA49: -6 lbs / KAF49: +5 lbs / KF49: +4 lbs						

10.1.9 K57

K57, n_e = 1700 rpm											5310 lb-in
	i	n_a	$T_{a\ max}$	F_{Ra}	$\Phi_{(/R)}$	AM					
Stages	[ratio]	[rpm]	[lb-in]	[lb]	[']	56	143	145	182	184	213/215
K57 3	**4.69**	362	2650	770	11						
	6.57	259	3050	850	10						
	7.55	225	3220	880	10						
	8.71	195	3450	910	10						
	9.59	177	3580	940	10						
	11.26	151	3670	1010	9						
	11.92	143	3670	1040	9						
	13.25	128	4510	1050	7						
	15.22	112	4730	1090	7						
	17.57	97	4910	1160	7						
	19.34	88	5080	1190	7						
	22.71	75	5310	1270	7						
	24.05	71	5310	1310	7						
	27.34	62	5310	1400	7						
	30.28	56	5310	1480	7						
	35.70	48	5310	1620	7						
	38.49	44	5310	1680	6						
	44.43	38	5310	1720	6						
	48.89	35	5310	1720	6						
	57.42	30	5310	1720	6						
	60.81	28	5310	1720	6						
	69.12	25	5310	1720	6						
	76.56	22	5310	1720	6						
	90.26	19	5310	1720	6						
	102.88	17	5310	1720	6						
	108.29	16	5310	1720	6						
	123.85	14	5310	1720	6						
	145.14	12	5310	1720	6						

Weight [lbs]		Stages	AM					
			56	143	145	182	184	213/215
K57	NEMA	3	61	65	65	73	73	85
			71	**80**	**90**	**100**	**112**	**132S/M**
	IEC	3	60	65	65	75	75	91
KA57: -5 lbs / KAF57: +8 lbs / KF57: +10 lbs								

10.1.10 K57R37

K57R37, n_e = 1700 rpm									5310 lb-in
i	n_a	$T_{a\ max}$	F_{Ra} [1]	Stages		$\phi_{(/R)}$	AM		
[ratio]	[rpm]	[lb-in]	[lb]	Lg	Sm	[']	56	143	145
97	18	5310	1720	3	2	-			
111	15	5310	1720	3	2	-			
129	13	5310	1720	3	2	-			
145	12	5310	1720	3	2	-			
166	10	5310	1720	3	2	-			
192	8.9	5310	1720	3	2	-			
215	7.9	5310	1720	3	2	-			
246	6.9	5310	1720	3	2	-			
280	6.1	5310	1720	3	2	-			
319	5.3	5310	1720	3	2	-			
362	4.7	5310	1720	3	2	-			
421	4.0	5310	1720	3	2	-			
473	3.6	5310	1720	3	2	-			
544	3.1	5310	1720	3	2	-			
615	2.8	5310	1720	3	2	-			
699	2.4	5310	1720	3	2	-			
806	2.1	5310	1720	3	2	-			
906	1.9	5310	1720	3	2	-			
1036	1.6	5310	1720	3	2	-			
1174	1.4	5310	1720	3	2	-			
1354	1.3	5310	1720	3	2	-			
1539	1.1	5310	1720	3	2	-			
1743	0.98	5310	1720	3	2	-			
1986	0.86	5310	1720	3	3	-			
2249	0.76	5310	1720	3	3	-			
2593	0.66	5310	1720	3	3	-			
2924	0.58	5310	1720	3	3	-			
3390	0.50	5310	1720	3	3	-			
3854	0.44	5310	1720	3	3	-			
4340	0.39	5310	1720	3	3	-			
5033	0.34	5310	1720	3	3	-			
5662	0.30	5310	1720	3	3	-			
6478	0.26	5310	1720	3	3	-			
7277	0.23	5310	1720	3	3	-			
8547	0.20	5310	1720	3	3	-			
9503	0.18	5310	1720	3	3	-			
11162	0.15	5310	1720	3	3	-			
12169	0.14	5310	1720	3	3	-			

Weight [lbs]		Stages		AM		
		Large	Small	56	143	145
K57R37	NEMA	3	2	84	88	88
		3	3	84	89	89
				71	**80**	**90**
	IEC	3	2	83	88	88
		3	3	83	89	89
KA57: -5 lbs / KAF57: +8 lbs / KF57: +10 lbs						

10.1.11 K67

K67, n_e = 1700 rpm											7260 lb-in
	i	n_a	$T_{a\ max}$	F_{Ra}	$\Phi_{(/R)}$	AM					
Stages	[ratio]	[rpm]	[lb-in]	[lb]	[']	56	143	145	182	184	213/215
K67 3	**5.20**	327	3090	2060	10						
	7.28	234	3710	2230	9						
	8.37	203	3890	2320	9						
	9.66	176	4240	2390	9						
	10.63	160	4420	2460	9						
	12.48	136	4680	2570	9						
	13.22	129	5920	2560	8						
	15.19	112	6190	2530	8						
	17.54	97	6540	2470	7						
	19.30	88	6720	2430	7						
	22.66	75	6900	2390	7						
	24.00	71	7070	2360	7						
	27.28	62	7260	2320	7						
	30.22	56	7260	2320	7						
	35.62	48	7260	2320	7						
	38.39	44	7260	2360	6						
	44.32	38	7260	2320	6						
	48.77	35	7260	2320	6						
	57.28	30	7260	2320	6						
	60.66	28	7260	2320	6						
	68.95	25	7260	2320	6						
	76.37	22	7260	2320	6						
	90.04	19	7260	2320	6						
	102.62	17	7260	2320	6						
	108.03	16	7260	2320	6						
	123.54	14	7260	2320	6						
	144.79	12	7260	2320	6						

Weight [lbs]		Stages	AM					
			56	143	145	182	184	213/215
K67	**NEMA**	3	73	78	78	86	86	98
			71	**80**	**90**	**100**	**112**	**132S/M**
	IEC	3	73	78	78	88	88	105
KA67: -6 lbs / KAF67: +7 lbs / KF67: +12 lbs								

10.1.12 K67R37

K67R37, n_e = 1700 rpm									7260 lb-in
i	n_a	$T_{a\,max}$	F_{Ra} [1]	Stages		$\phi_{(/R)}$	AM		
[ratio]	[rpm]	[lb-in]	[lb]	Lg	Sm	[']	56	143	145
122	14	7260	2320	3	2	-			
144	12	7260	2320	3	2	-			
166	10	7260	2320	3	2	-			
191	8.9	7260	2320	3	2	-			
217	7.8	7260	2320	3	2	-			
246	6.9	7260	2320	3	2	-			
279	6.1	7260	2320	3	2	-			
323	5.3	7260	2320	3	2	-			
361	4.7	7260	2320	3	2	-			
420	4.0	7260	2320	3	2	-			
471	3.6	7260	2320	3	2	-			
542	3.1	7260	2320	3	2	-			
613	2.8	7260	2320	3	2	-			
697	2.4	7260	2320	3	2	-			
793	2.1	7260	2320	3	2	-			
903	1.9	7260	2320	3	2	-			
1034	1.6	7260	2320	3	2	-			
1171	1.5	7260	2320	3	2	-			
1351	1.3	7260	2320	3	2	-			
1535	1.1	7260	2320	3	2	-			
1739	0.98	7260	2320	3	2	-			
1981	0.86	7260	2320	3	3	-			
2244	0.76	7260	2320	3	3	-			
2532	0.67	7260	2320	3	3	-			
2917	0.58	7260	2320	3	3	-			
3315	0.51	7260	2320	3	3	-			
3750	0.45	7260	2320	3	3	-			
4329	0.39	7260	2320	3	3	-			
4846	0.35	7260	2320	3	3	-			
5648	0.30	7260	2320	3	3	-			
6462	0.26	7260	2320	3	3	-			
7259	0.23	7260	2320	3	3	-			
8173	0.21	7260	2320	3	3	-			
9479	0.18	7260	2320	3	3	-			
11134	0.15	7260	2320	3	3	-			
12139	0.14	7260	2320	3	3	-			

Weight [lbs]		Stages		AM		
		Large	Small	56	143	145
K67R37	**NEMA**	3	2	97	100	100
		3	3	97	100	100
				71	**80**	**90**
	IEC	3	2	96	100	100
		3	3	96	100	100
KA67: -6 lbs / KAF67: +7 lbs / KF67: +12 lbs						

10.1.13 K77

K77, n_e = 1700 rpm												13720 lb-in
	i	n_a	$T_{a\ max}$	F_{Ra}	$\phi_{(/R)}$	AM						
Stages	[ratio]	[rpm]	[lb-in]	[lb]	[']	56	143	145	182	184	213/215
K77 3	**7.24**	235	7250	2710	8						
	8.48	200	7870	2810	8						
	9.56	178	8310	2890	8						
	10.84	157	8750	2990	8						
	12.36	138	8840	3140	8						
	13.52	126	11800	3060	7						
	15.84	107	12300	3210	6						
	17.87	95	12800	3330	6						
	20.25	84	13200	3460	6						
	23.08	74	13720	3460	6						
	25.62	66	13720	3460	6						
	29.27	58	13720	3460	6						
	30.89	55	13720	3460	6						
	35.20	48	13720	3460	6						
	38.39	44	13720	3530	6						
	40.04	42	13720	3460	6						
	45.16	38	13720	3460	6						
	51.18	33	13720	3460	6						
	58.34	29	13720	3460	6						
	64.75	26	13720	3460	5						
	73.99	23	13720	3460	5						
	78.07	22	13720	3460	5						
	88.97	19	13720	3460	5						
	97.05	18	13720	3460	5						
	113.56	15	13720	3460	5						
	128.52	13	13720	3460	5						
	135.28	13	13720	3460	5						
	154.02	11	13720	3460	5						
	179.37	9.5	12800	3610	5						
	192.18	8.8	12800	3610	5						

Weight [lbs]		Stages	AM					
			56	143	145	182	184	213/215
K77	NEMA	3	130	130	130	140	140	155
			71	**80**	**90**	**100**	**112**	**132S/M**
	IEC	3	125	130	130	140	140	155
KA77: -17 lbs / KAF77: +1 lb / KF77: +18 lbs								

10.1.14 K77R37

K77R37, n_e = 1700 rpm									13720 lb-in
i	n_a	$T_{a\ max}$	F_{Ra} [1]	Stages		$\phi_{(/R)}$	AM		
[ratio]	[rpm]	[lb-in]	[lb]	Lg	Sm	[']	56	143	145
154	11	13720	3460	3	2	-			
175	9.7	13720	3460	3	2	-			
195	8.7	13720	3460	3	2	-			
221	7.7	13720	3460	3	2	-			
252	6.7	13720	3460	3	2	-			
290	5.9	13720	3460	3	2	-			
328	5.2	13720	3460	3	2	-			
367	4.6	13720	3460	3	2	-			
428	4.0	13720	3460	3	2	-			
485	3.5	13720	3460	3	2	-			
552	3.1	13720	3460	3	2	-			
622	2.7	13720	3460	3	2	-			
709	2.4	13720	3460	3	2	-			
815	2.1	13720	3460	3	2	-			
924	1.8	13720	3460	3	2	-			
1053	1.6	13720	3460	3	2	-			
1218	1.4	13720	3460	3	2	-			
1388	1.2	13720	3460	3	2	-			
1514	1.1	13720	3460	3	2	-			
1772	0.96	13720	3460	3	2	-			
2050	0.83	13720	3460	3	2	-			
2370	0.72	13720	3460	3	3	-			
2717	0.63	13720	3460	3	3	-			
2901	0.59	13720	3460	3	3	-			
3485	0.49	13720	3460	3	3	-			
3961	0.43	13720	3460	3	3	-			
4489	0.38	13720	3460	3	3	-			
5089	0.33	13720	3460	3	3	-			
5774	0.29	13720	3460	3	3	-			
6606	0.26	13720	3460	3	3	-			
7528	0.23	13720	3460	3	3	-			
8809	0.19	13720	3460	3	3	-			
10217	0.17	13720	3460	3	3	-			
11955	0.14	13720	3460	3	3	-			
14043	0.12	13720	3460	3	3	-			
15310	0.11	13720	3460	3	3	-			
154	11	13720	3460	3	2	-			
175	9.7	13720	3460	3	2	-			
195	8.7	13720	3460	3	2	-			
221	7.7	13720	3460	3	2	-			
252	6.7	13720	3460	3	2	-			
290	5.9	13720	3460	3	2	-			

Weight [lbs]		Stages		AM		
		Large	Small	56	143	145
K77R37	NEMA	3	2	150	155	155
		3	3	150	155	155
				71	**80**	**90**
	IEC	3	2	150	155	155
		3	3	150	155	155
KA77: -17 lbs / KAF77: +1 lb / KF77: +18 lbs						

10.1.15 K87

K87, n_e = 1700 rpm												23900 lb-in
	i	n_a	$T_{a\ max}$	F_{Ra}	$\phi_{(/R)}$	AM						
Stages	[ratio]	[rpm]	[lb-in]	[lb]	[']	143	145	182	184	213/215	254/256	284/286
K87 3	**7.21**	236	11500	2720	7							
	8.29	205	12300	2780	7							
	10.00	170	13200	2920	7							
	11.17	152	13200	3080	7							
	12.56	135	17600	3030	6							
	14.45	118	18500	3150	6							
	16.00	106	15900	3290	6							
	17.42	98	19400	3350	6							
	19.45	87	20300	3440	6							
	22.41	76	20300	3680	6							
	24.92	68	22100	3680	6							
	27.88	61	23000	3790	6							
	31.39	54	23900	3930	6							
	36.52	47	22100	4400	6							
	44.02	39	23000	4700	6							
	49.16	35	23900	4840	5							
	56.64	30	23900	5160	5							
	63.00	27	23900	5410	5							
	70.46	24	23900	5670	5							
	79.34	21	23900	5970	5							
	86.34	20	23900	6130	5							
	102.71	17	23900	6130	5							
	115.82	15	23900	6130	5							
	126.91	13	23900	6130	5							
	147.32	12	23900	6130	5							
	164.34	10	23900	6130	5							
	174.19	9.8	23900	6130	5							
	197.37	8.6	23900	6130	5							

Weight [lbs]		Stages	AM						
			143	145	182	184	213/215	254/256	284/286
K87	NEMA	3	210	210	220	220	235	260	265
			80	**90**	**100**	**112**	**132S/M**	**160**	**180**
	IEC	3	210	210	220	220	240	275	275
KA87: -27 lbs / KAF87: +2 lbs / KF87: +20 lbs									

10.1.16 K87R57

K87R57, n_e = 1700 rpm												23900 lb-in
i	n_a	$T_{a\,max}$	F_{Ra} [1]	Stages		$\phi_{(/R)}$	AM					
[ratio]	[rpm]	[lb-in]	[lb]	Lg	Sm	[']	56	143	145	182	184	213/215
141	12	23010	6160	3	2	-						
159	11	23900	6130	3	2	-						
183	9.3	23900	6130	3	2	-						
201	8.5	23900	6130	3	2	-						
236	7.2	23900	6130	3	2	-						
250	6.8	23900	6130	3	2	-						
294	5.8	23900	6130	3	2	-						
330	5.2	23900	6130	3	2	-						
373	4.6	23900	6130	3	2	-						
426	4.0	23900	6130	3	2	-						
474	3.6	23900	6130	3	2	-						
562	3.0	23900	6130	3	2	-						
638	2.7	23900	6130	3	2	-						
726	2.3	23900	6130	3	2	-						
837	2.0	23900	6130	3	2	-						
951	1.8	23900	6130	3	2	-						
1078	1.6	23900	6130	3	2	-						
1229	1.4	23900	6130	3	2	-						
1415	1.2	23900	6130	3	2	-						
1657	1.0	23900	6130	3	2	-						
1854	0.92	23900	6130	3	2	-						
2088	0.81	23900	6130	3	2	-						
2371	0.72	23900	6130	3	3	-						
2728	0.62	23900	6130	3	3	-						
3107	0.55	23900	6130	3	3	-						
3609	0.47	23900	6130	3	3	-						
4037	0.42	23900	6130	3	3	-						
4562	0.37	23900	6130	3	3	-						
5240	0.32	23900	6130	3	3	-						
5930	0.29	23900	6130	3	3	-						
6832	0.25	23900	6130	3	3	-						
7854	0.22	23900	6130	3	3	-						
9073	0.19	23900	6130	3	3	-						
10217	0.17	23900	6130	3	3	-						
11737	0.14	23900	6130	3	3	-						
13168	0.13	23900	6130	3	3	-						
14829	0.11	23900	6130	3	3	-						

Weight [lbs]		Stages		AM					
		Large	Small	56	143	145	182	184	213/215
K87R57	NEMA	3	2	260	260	260	270	270	285
		3	3	260	265	265	270	270	285
				71	**80**	**90**	**100**	**112**	**132S/M**
	IEC	3	2	255	260	260	270	270	290
		3	3	260	265	265	275	275	290
KA87: -27 lbs / KAF87: +2 lbs / KF87: +20 lbs									

10.1.17 K97

K97, n_e = 1700 rpm												38100 lb-in
	i	n_a	$T_{a\,max}$	F_{Ra}	$\Phi_{(/R)}$	AM						
Stages	[ratio]	[rpm]	[lb-in]	[lb]	[']	182	184	213/215	254/256	284/286	324/326	364/365
K97 3	**7.54**	225	21200	3210	10							
	8.71	195	23500	3200	10							
	10.41	163	25300	3320	10							
	11.99	142	34400	3260	8							
	13.85	123	38100	3220	8							
	16.56	103	38100	3580	8							
	18.96	90	38100	3860	8							
	22.37	76	38100	4230	8							
	24.75	69	38100	4460	8							
	27.91	61	38100	4750	8							
	30.82	55	38100	5000	7							
	34.23	50	38100	5260	7							
	38.30	44	38100	5560	7							
	41.87	41	38100	5800	7							
	47.93	35	38100	6180	7							
	56.55	30	38100	6660	7							
	62.55	27	38100	6970	7							
	70.54	24	38100	7350	7							
	77.89	22	38100	7670	7							
	86.52	20	38100	8030	7							
	96.80	18	38100	8420	7							
	105.13	16	38100	8710	7							
	123.93	14	38100	8990	7							
	140.28	12	38100	8990	7							
	153.21	11	38100	8990	7							
	176.05	9.7	38100	8990	7							

Weight [lbs]		Stages	AM						
			182	184	213/215	254/256	284/286	324/326	364/365
K97	NEMA	3	350	350	365	395	400	440	440
			100	**112**	**132S/M**	**160**	**180**	**200**	**225**
	IEC	3	355	355	370	405	410	445	455
KA97: -40 lbs / KAF97: +15 lbs / KF97: +44 lbs									

10.1.18 K97R57

K97R57, n_e = 1700 rpm												38100 lb-in
i	n_a	$T_{a\ max}$	F_{Ra} [1]	Stages		$\phi_{(/R)}$	AM					
[ratio]	[rpm]	[lb-in]	[lb]	Lg	Sm	[']	56	143	145	182	184	213/215
199	8.5	38100	8990	3	2	-						
232	7.3	38100	8990	3	2	-						
258	6.6	38100	8990	3	2	-						
305	5.6	38100	8990	3	2	-						
342	5.0	38100	8990	3	2	-						
382	4.5	38100	8990	3	2	-						
437	3.9	38100	8990	3	2	-						
504	3.4	38100	8990	3	2	-						
573	3.0	38100	8990	3	2	-						
652	2.6	38100	8990	3	2	-						
743	2.3	38100	8990	3	2	-						
855	2.0	38100	8990	3	2	-						
957	1.8	38100	8990	3	2	-						
1102	1.5	38100	8990	3	2	-						
1261	1.3	38100	8990	3	2	-						
1430	1.2	38100	8990	3	2	-						
1625	1.0	38100	8990	3	2	-						
1856	0.92	38100	8990	3	2	-						
2123	0.80	38100	8990	3	2	-						
2419	0.70	38100	8990	3	2	-						
2757	0.62	38100	8990	3	3	-						
3108	0.55	38100	8990	3	3	-						
3583	0.47	38100	8990	3	3	-						
4082	0.42	38100	8990	3	3	-						
4669	0.36	38100	8990	3	3	-						
5391	0.32	38100	8990	3	3	-						
6027	0.28	38100	8990	3	3	-						
6970	0.24	38100	8990	3	3	-						
8054	0.21	38100	8990	3	3	-						
9083	0.19	38100	8990	3	3	-						
10317	0.16	38100	8990	3	3	-						
11677	0.15	38100	8990	3	3	-						
13182	0.13	38100	8990	3	3	-						
14897	0.11	38100	8990	3	3	-						
16666	0.10	38100	8990	3	3	-						
18091	0.09	38100	8990	3	3	-						

Weight [lbs]		Stages		AM					
		Large	Small	56	143	145	182	184	213/215
K97R57	**NEMA**	3	2	390	395	395	405	405	415
		3	3	395	400	400	405	405	420
				71	**80**	**90**	**100**	**112**	**132S/M**
	IEC	3	2	390	395	395	405	405	420
		3	3	395	400	400	410	410	425
KA97: -40 lbs / KAF97: +15 lbs / KF97: +44 lbs									

10.1.19 K107

K107, n_e = 1700 rpm												70800 lb-in
	i	n_a	$T_{a\,max}$	F_{Ra}	$\Phi_{(/R)}$	AM						
Stages	[ratio]	[rpm]	[lb-in]	[lb]	[']	182	184	213/215	254/256	284/286	324/326	364/365
K107 3	**7.35**	231	31800	5010	9							
	8.69	196	36000	5050	9							
	9.94	171	37000	5290	9							
	11.73	145	38000	5640	9							
	13.43	127	38000	6010	9							
	14.64	116	60900	3600	7							
	16.75	101	62300	3920	7							
	19.74	86	63700	4400	6							
	22.62	75	63700	4970	6							
	26.32	65	63700	5620	6							
	29.00	59	63700	6040	6							
	31.28	54	60100	6840	6							
	32.69	52	63700	6570	6							
	37.00	46	63700	7130	6							
	42.33	40	65100	7580	6							
	49.90	34	69300	7840	6							
	57.17	30	70800	8360	6							
	66.52	26	70800	9150	6							
	73.30	23	70800	9680	6							
	82.61	21	70800	10300	6							
	90.96	19	70800	10900	6							
	100.75	17	70800	11500	6							
	112.41	15	70800	12100	6							
	121.46	14	70800	12600	6							
	143.47	12	70800	13600	6							

Weight [lbs]		Stages	AM						
			182	184	213/215	254/256	284/286	324/326	364/365
K107	NEMA	3	600	600	610	640	650	690	690
			100	**112**	**132S/M**	**160**	**180**	**200**	**225**
	IEC	3	610	610	610	660	660	690	700
KA107: -60 lbs / KAF107: +7 lbs / KF107: +27 lbs									

10.1.20 K107R77

K107R57, n_e = 1700 rpm												70800 lb-in
i	n_a	$T_{a\ max}$	F_{Ra} [1]	Stages		ϕ (/R)	AM					
[ratio]	[rpm]	[lb-in]	[lb]	Lg	Sm	[']	56	143	145	182	184	213/215
140	12	63720	14610	3	2	-						
154	11	63720	14610	3	2	-						
174	9.8	63720	14610	3	2	-						
196	8.7	70800	14610	3	2	-						
222	7.7	70800	14610	3	2	-						
251	6.8	70800	14610	3	2	-						
286	5.9	70800	14610	3	2	-						
318	5.3	70800	14610	3	2	-						
364	4.7	70800	14610	3	2	-						
408	4.2	70800	14610	3	2	-						
461	3.7	70800	14610	3	2	-						
522	3.3	70800	14610	3	2	-						
615	2.8	70800	14610	3	2	-						
696	2.4	70800	14610	3	2	-						
793	2.1	70800	14610	3	2	-						
904	1.9	70800	14610	3	2	-						
1030	1.7	70800	14610	3	2	-						
1166	1.5	70800	14610	3	2	-						
1336	1.3	70800	14610	3	2	-						
1554	1.1	70800	14610	3	2	-						
1713	0.99	70800	14610	3	2	-						
1939	0.88	70800	14610	3	3	-						
2286	0.74	70800	14610	3	3	-						
2599	0.65	70800	14610	3	3	-						
2977	0.57	70800	14610	3	3	-						
3358	0.51	70800	14610	3	3	-						
3810	0.45	70800	14610	3	3	-						
4359	0.39	70800	14610	3	3	-						
5138	0.33	70800	14610	3	3	-						
5662	0.30	70800	14610	3	3	-						
6184	0.27	70800	14610	3	3	-						
7270	0.23	70800	14610	3	3	-						
8328	0.20	70800	14610	3	3	-						
9524	0.18	70800	14610	3	3	-						
10677	0.16	70800	14610	3	3	-						
12211	0.14	70800	14610	3	3	-						
14311	0.12	70800	14610	3	3	-						

Weight [lbs]		Stages		AM					
		Large	Small	56	143	145	182	184	213/215
K107R77	NEMA	3	2	680	680	680	690	690	700
		3	3	680	680	680	690	690	700
				71	**80**	**90**	**100**	**112**	**132S/M**
	IEC	3	2	670	680	680	690	690	700
		3	3	680	680	680	690	690	710
KA107: -60 lbs / KAF107: +7 lbs / KF107: +27 lbs									

10.1.21 K127

K127, n_e = 1700 rpm										115000 lb-in
	i	n_a	$T_{a\,max}$	F_{Ra}	$\Phi_{(/R)}$	AM				
Stages	[ratio]	[rpm]	[lb-in]	[lb]	[']	213/215	254/256	284/286	324/326	364/365
K127 3	**8.68**	196	63900	6630	8					
	10.74	158	70700	6880	8					
	12.79	133	75400	7190	8					
	14.35	118	107000	5880	6					
	17.77	96	115000	6160	6					
	21.15	80	115000	7200	6					
	23.91	71	115000	7940	6					
	27.68	61	115000	8710	6					
	31.37	54	115000	9320	6					
	36.25	47	115000	10100	6					
	40.19	42	115000	10600	5					
	47.82	36	115000	11600	5					
	54.07	31	115000	12300	5					
	62.60	27	115000	13200	5					
	70.95	24	115000	13900	5					
	81.98	21	115000	14900	5					
	89.89	19	115000	15500	5					
	110.18	15	115000	16900	5					
	122.48	14	115000	17700	5					
	136.14	12	115000	17800	5					
	146.07	12	115000	17800	5					

Weight [lbs]		Stages	AM				
			213/215	254/256	284/286	324/326	364/365
K127	NEMA	3	970	990	990	1030	1030
			132S/M	**160**	**180**	**200**	**225**
	IEC	3	970	1000	1000	1030	1040
KA127: -62 lbs / KAF127: +20 lbs / KF127: +93 lbs							

10.1.22 K127R77

K127R77, n_e = 1700 rpm												115000 lb-in
i	n_a	$T_{a\ max}$	F_{Ra} [1]	Stages		$\phi_{(/R)}$	AM					
[ratio]	[rpm]	[lb-in]	[lb]	Lg	Sm	[']	56	143	145	182	184	213/215
418	4.1	115000	17800	3	2	-						
477	3.6	115000	17800	3	2	-						
549	3.1	115000	17800	3	2	-						
610	2.8	115000	17800	3	2	-						
704	2.4	115000	17800	3	2	-						
790	2.2	115000	17800	3	2	-						
899	1.9	115000	17800	3	2	-						
1025	1.7	115000	17800	3	2	-						
1177	1.4	115000	17800	3	2	-						
1342	1.3	115000	17800	3	2	-						
1541	1.1	115000	17800	3	2	-						
1757	0.97	115000	17800	3	2	-						
1926	0.88	115000	17800	3	2	-						
2268	0.75	115000	17800	3	3	-						
2607	0.65	115000	17800	3	3	-						
3009	0.56	115000	17800	3	3	-						
3311	0.51	115000	17800	3	3	-						
3889	0.44	115000	17800	3	3	-						
4423	0.38	115000	17800	3	3	-						
5027	0.34	115000	17800	3	3	-						
5804	0.29	115000	17800	3	3	-						
6565	0.26	115000	17800	3	3	-						
7482	0.23	115000	17800	3	3	-						
8443	0.20	115000	17800	3	3	-						
9819	0.17	115000	17800	3	3	-						
10915	0.16	115000	17800	3	3	-						
12440	0.14	115000	17800	3	3	-						
14975	0.11	115000	17800	3	3	-						
16006	0.11	115000	17800	3	3	-						
17550	0.10	115000	17800	3	3	-						

Weight [lbs]		Stages		AM					
		Large	Small	56	143	145	182	184	213/215
K127R77	NEMA	3	2	1030	1030	1030	1040	1040	1050
		3	3	1030	1040	1040	1040	1040	1060
				71	**80**	**90**	**100**	**112**	**132S/M**
	IEC	3	2	1030	1030	1030	1040	1040	1060
		3	3	1030	1040	1040	1050	1050	1060
KA127: -62 lbs / KAF127: +20 lbs / KF127: +93 lbs									

10.1.23 K127R87

K127R87, n_e = 1700 rpm													115000 lb-in
i	n_a	$T_{a\ max}$	F_{Ra} [1]	Stages		ϕ (/R)	AM						
[ratio]	[rpm]	[lb-in]	[lb]	Lg	Sm	[']	143	145	182	184	213/215	254/256	284/286
147	12	106200	17920	3	2	-							
166	10	106200	17920	3	2	-							
200	8.5	106200	17920	3	2	-							
213	8.0	115000	17800	3	2	-							
253	6.7	115000	17800	3	2	-							
287	5.9	115000	17800	3	2	-							
330	5.2	115000	17800	3	2	-							
367	4.6	115000	17800	3	2	-							
418	4.1	115000	17800	3	2	-							
473	3.6	115000	17800	3	2	-							
536	3.2	115000	17800	3	2	-							

Weight [lbs]		Stages		AM						
		Large	Small	143	145	182	184	213/215	254/256	284/286
K127R87	NEMA	3	2	1080	1080	1090	1090	1100	1130	1140
				80	**90**	**100**	**112**	**132S/M**	**160**	**180**
	IEC	3	2	1080	1080	1090	1090	1110	1140	1140
KA127: -62 lbs / KAF127: +20 lbs / KF127: +93 lbs										

10.1.24 K157

K157, n_e = 1700 rpm									159300 lb-in
	i	n_a	$T_{a\,max}$	F_{Ra}	$\phi_{(/R)}$	AM			
Stages	[ratio]	[rpm]	[lb-in]	[lb]	[']	254/256	284/286	324/326	364/365
K157 3	**12.65**	134	150400	7300	6				
	14.92	114	159300	7600	6				
	18.37	93	159300	8660	6				
	21.31	80	159300	9450	6				
	23.95	71	159300	10100	6				
	27.62	62	159300	10900	6				
	31.30	54	159300	11700	6				
	38.02	45	159300	12900	5				
	46.79	36	159300	14300	5				
	54.29	31	159300	15400	5				
	61.02	28	159300	16300	5				
	70.38	24	159300	17400	5				
	79.75	21	159300	18300	5				
	91.65	19	159300	19500	5				
	100.22	17	159300	20300	5				
	122.39	14	159300	22100	5				
	150.41	11	159300	24100	5				

Weight [lbs]		Stages	AM			
			254/256	284/286	324/326	364/365
K157	**NEMA**	3	1510	1510	1560	1560
			160	**180**	**200**	**225**
	IEC	3	1520	1520	1560	1570
KA157: -81 lbs / KAF157: +48 lbs / KF157: +173 lbs						

10.1.25 K157R97

K157R97, n_e = 1700 rpm														159300 lb-in
i	n_a	$T_{a\ max}$	F_{Ra} [1]	Stages		ϕ (/R)	AM							
[ratio]	[rpm]	[lb-in]	[lb]	Lg	Sm	[']	182	184	213/215	254/256	284/286	324/326	364/365	
291	5.8	159300	25220	3	2	-								
333	5.1	159300	25220	3	2	-								
379	4.5	159300	25220	3	2	-								
434	3.9	159300	25220	3	2	-								
504	3.4	159300	25220	3	2	-								
567	3.0	159300	25220	3	2	-								
661	2.6	159300	25220	3	2	-								
756	2.2	159300	25220	3	2	-								
854	2.0	159300	25220	3	2	-								
942	1.8	159300	25220	3	2	-								
1093	1.6	159300	25220	3	2	-								
1229	1.4	159300	25220	3	2	-								
1365	1.2	159300	25220	3	2	-								
1659	1.0	159300	25220	3	2	-								
1805	0.94	159300	25220	3	3	-								
2029	0.84	159300	25220	3	3	-								
2322	0.73	159300	25220	3	3	-								
2610	0.65	159300	25220	3	3	-								
3051	0.56	159300	25220	3	3	-								
3516	0.48	159300	25220	3	3	-								
3979	0.43	159300	25220	3	3	-								
4514	0.38	159300	25220	3	3	-								
5074	0.34	159300	25220	3	3	-								
5931	0.29	159300	25220	3	3	-								
6881	0.25	159300	25220	3	3	-								
7734	0.22	159300	25220	3	3	-								
8718	0.19	159300	25220	3	3	-								
10114	0.17	159300	25220	3	3	-								
11368	0.15	159300	25220	3	3	-								

Weight [lbs]		Stages		AM						
		Large	Small	182	184	213/215	254/256	284/286	324/326	364/365
K157R97	NEMA	3	2	1740	1740	1750	1780	1790	1820	1820
		3	3	1740	1740	1760	1790	1790	1830	1830
				100	**112**	**132S/M**	**160**	**180**	**200**	**225**
	IEC	3	2	1740	1740	1750	1790	1790	1830	1840
		3	3	1750	1750	1760	1800	1800	1840	1850
KA157: -81 lbs / KAF157: +48 lbs / KF157: +173 lbs										

10.1.26 K157R107

K157R107, n_e = 1700 rpm											159300 lb-in
i	n_a	$T_{a\,max}$	F_{Ra} [1]	Stages		$\phi_{(/R)}$	AM				
[ratio]	[rpm]	[lb-in]	[lb]	Lg	Sm	[']	213/215	254/256	284/286	324/326	364/365
107	16	159300	22000	3	2	-					
122	14	159300	23270	3	2	-					
157	11	159300	25220	3	2	-					
187	9.1	159300	25220	3	2	-					
213	8.0	159300	25220	3	2	-					
230	7.4	159300	25220	3	2	-					
253	6.7	159300	25220	3	2	-					
299	5.7	159300	25220	3	2	-					
325	5.2	159300	25220	3	2	-					
385	4.4	159300	25220	3	2	-					

Weight [lbs]		Stages		AM				
		Large	Small	213/215	254/256	284/286	324/326	364/365
K157R107	NEMA	3	2	1850	1880	1890	1920	1920
				132S/M	**160**	**180**	**200**	**225**
	IEC	3	2	1850	1890	1890	1930	1940
KA157: -81 lbs / KAF157: +48 lbs / KF157: +173 lbs								

10.1.27 K167

K167, n_e = 1700 rpm									283200 lb-in
	i	n_a	$T_{a\ max}$	F_{Ra}	$\phi_{(/R)}$	AM			
Stages	[ratio]	[rpm]	[lb-in]	[lb]	[']	254/256	284/286	324/326	364/365
K167 3	**17.34**	98	283200	13600	5				
	20.32	84	283200	14900	5				
	24.52	69	283200	16600	5				
	28.77	59	283200	18000	5				
	32.25	53	283200	19100	5				
	36.61	46	283200	20400	5				
	42.89	40	283200	22000	5				
	51.77	33	283200	24100	5				
	60.74	28	283200	25900	5				
	68.07	25	283200	27200	5				
	78.14	22	283200	28900	5				
	87.86	19	283200	30500	5				
	109.83	15	283200	33500	5				
	134.99	13	283200	33700	4				
	164.50	10	283200	33700	4				

Weight [lbs]		Stages	AM			
			254/256	284/286	324/326	364/365
K167	NEMA	3	2380	2380	2430	2430
			160	**180**	**200**	**225**
	IEC	3	2390	2390	2430	2440
KH167: -84 lbs						

10.1.28 K167R97

K167R97, n_e = 1700 rpm													283200 lb-in
i	n_a	$T_{a\ max}$	F_{Ra} [1]	Stages		ϕ (/R)	AM						
[ratio]	[rpm]	[lb-in]	[lb]	Lg	Sm	[']	182	184	213/215	254/256	284/286	324/326	364/365
369	4.6	283200	33720	3	2	-							
423	4.0	283200	33720	3	2	-							
481	3.5	283200	33720	3	2	-							
561	3.0	283200	33720	3	2	-							
632	2.7	283200	33720	3	2	-							
757	2.2	283200	33720	3	2	-							
843	2.0	283200	33720	3	2	-							
944	1.8	283200	33720	3	2	-							
1101	1.5	283200	33720	3	2	-							
1296	1.3	283200	33720	3	2	-							
1408	1.2	283200	33720	3	2	-							
1704	1.0	283200	33720	3	2	-							
2182	0.78	283200	33720	3	2	-							
2263	0.75	283200	33720	3	3	-							
2755	0.62	283200	33720	3	3	-							
3376	0.50	283200	33720	3	3	-							
4079	0.42	283200	33720	3	3	-							
4788	0.36	283200	33720	3	3	-							
5355	0.32	283200	33720	3	3	-							
6562	0.26	283200	33720	3	3	-							
8628	0.20	283200	33720	3	3	-							
10264	0.17	283200	33720	3	3	-							
11573	0.15	283200	33720	3	3	-							

Weight [lbs]		Stages		AM						
		Large	Small	182	184	213/215	254/256	284/286	324/326	364/365
K167R97	**NEMA**	3	2	2610	2610	2620	2650	2650	2690	2690
		3	3	2610	2610	2620	2660	2660	2700	2700
				100	**112**	**132S/M**	**160**	**180**	**200**	**225**
	IEC	3	2	2610	2610	2620	2660	2660	2700	2710
		3	3	2610	2610	2630	2670	2670	2700	2710
KH167: -84 lbs										

10.1.29 K167R107

K167R107, n_e = 1700 rpm											283200 lb-in
i	n_a	$T_{a\ max}$	F_{Ra} [1]	Stages		$\phi_{(/R)}$	AM				
[ratio]	[rpm]	[lb-in]	[lb]	Lg	Sm	[']	213/215	254/256	284/286	324/326	364/365
369	4.6	283200	33720	3	2	-					
423	4.0	283200	33720	3	2	-					
481	3.5	283200	33720	3	2	-					
561	3.0	283200	33720	3	2	-					
632	2.7	283200	33720	3	2	-					
757	2.2	283200	33720	3	2	-					
843	2.0	283200	33720	3	2	-					
944	1.8	283200	33720	3	2	-					
1101	1.5	283200	33720	3	2	-					
1296	1.3	283200	33720	3	2	-					
1408	1.2	283200	33720	3	2	-					
1704	1.0	283200	33720	3	2	-					
2182	0.78	283200	33720	3	2	-					
2263	0.75	283200	33720	3	3	-					
2755	0.62	283200	33720	3	3	-					
3376	0.50	283200	33720	3	3	-					
4079	0.42	283200	33720	3	3	-					
4788	0.36	283200	33720	3	3	-					
5355	0.32	283200	33720	3	3	-					
6562	0.26	283200	33720	3	3	-					
8628	0.20	283200	33720	3	3	-					
10264	0.17	283200	33720	3	3	-					
11573	0.15	283200	33720	3	3	-					

Weight [lbs]		Stages		AM				
		Large	Small	213/215	254/256	284/286	324/326	364/365
K167R107	NEMA	3	2	2710	2750	2760	2790	2790
		3	3	2710	2760	2770	2800	2800
				132S/M	**160**	**180**	**200**	**225**
	IEC	3	2	2720	2760	2760	2800	2810
		3	3	2730	2770	2770	2810	2820
KH167: -84 lbs								

10.1.30 K187

K187, n_e = 1700 rpm									442500 lb-in
	i	n_a	$T_{a\,max}$	F_{Ra}	$\Phi_{(/R)}$	AM			
Stages	[ratio]	[rpm]	[lb-in]	[lb]	[']	254/256	284/286	324/326	364/365
K187 3	**17.18**	99	366300	16300	4				
	20.15	84	388400	16900	4				
	24.18	70	421100	17500	4				
	27.92	61	442500	18100	4				
	33.23	51	442500	20000	4				
	38.57	44	442500	21800	4				
	42.51	40	442500	22900	4				
	45.50	37	442500	23700	4				
	53.36	32	442500	25800	4				
	64.04	27	442500	28200	4				
	73.96	23	442500	30200	4				
	88.00	19	442500	32700	4				
	102.16	17	442500	35000	4				
	112.60	15	442500	36600	4				
	129.69	13	442500	38900	4				
	144.59	12	442500	40800	4				
	165.21	10	442500	42700	4				
	179.86	9.5	442500	42700	4				

Weight [lbs]		Stages	AM			
			254/256	284/286	324/326	364/365
K187	**NEMA**	3	3660	3670	3710	3710
			160	**180**	**200**	**225**
	IEC	3	3670	3670	3720	3730
KH187: -150 lbs						

10.1.31 K187R97

K187R97, n_e = 1700 rpm														442500 lb-in
i	n_a	$T_{a\ max}$	F_{Ra} [1]	Stages		$\phi_{(/R)}$	AM							
[ratio]	[rpm]	[lb-in]	[lb]	Lg	Sm	[']	182	184	213/215	254/256	284/286	324/326	364/365	
527	3.2	442500	42710	3	2	-								
621	2.7	442500	42710	3	2	-								
738	2.3	442500	42710	3	2	-								
945	1.8	442500	42710	3	2	-								
1046	1.6	442500	42710	3	2	-								
1196	1.4	442500	42710	3	2	-								
1395	1.2	442500	42710	3	2	-								
1605	1.1	442500	42710	3	2	-								
1821	0.93	442500	42710	3	2	-								
2054	0.83	442500	42710	3	2	-								
2268	0.75	442500	42710	3	2	-								
2519	0.67	442500	42710	3	2	-								
2818	0.60	442500	42710	3	3	-								
3062	0.56	442500	42710	3	2	-								
3609	0.47	442500	42710	3	2	-								
4370	0.39	442500	42710	3	3	-								
4817	0.35	442500	42710	3	3	-								
5358	0.32	442500	42710	3	3	-								
5991	0.28	442500	42710	3	3	-								
6747	0.25	442500	42710	3	3	-								
7343	0.23	442500	42710	3	3	-								
8126	0.21	442500	42710	3	3	-								
9363	0.18	442500	42710	3	3	-								
10413	0.16	442500	42710	3	3	-								
11647	0.15	442500	42710	3	3	-								
13116	0.13	442500	42710	3	3	-								
14272	0.12	442500	42710	3	3	-								
16978	0.10	442500	42710	3	3	-								
19144	0.09	442500	42710	3	3	-								
24353	0.07	442500	42710	3	3	-								

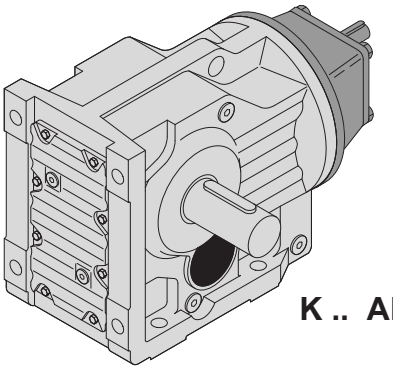
Weight [lbs]		Stages		AM						
		Large	Small	182	184	213/215	254/256	284/286	324/326	364/365
K187R97	NEMA	3	2	3890	3890	3900	3930	3940	3980	3980
		3	3	3900	3900	3910	3940	3940	3980	3980
				100	**112**	**132S/M**	**160**	**180**	**200**	**225**
	IEC	3	2	3890	3890	3900	3940	3940	3980	3990
		3	3	3900	3900	3910	3950	3950	3990	4000
KH187: -150 lbs										

10.1.32 K187R107

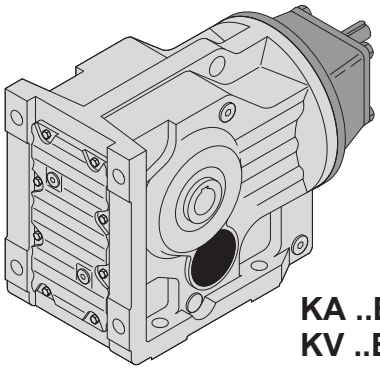
K187R107, n_e = 1700 rpm													442500 lb-in
i	n_a	$T_{a\ max}$	F_{Ra} [1]	Stages		ϕ (/R)	AM						
[ratio]	[rpm]	[lb-in]	[lb]	Lg	Sm	[']	182	184	213/215	254/256	284/286	324/326	364/365
163	10	442500	42710	3	2	-							
193	8.8	442500	42710	3	2	-							
221	7.7	442500	42710	3	2	-							
261	6.5	442500	42710	3	2	-							
355	4.8	442500	42710	3‘	2	-							
454	3.7	442500	42710	3	2	-							
520	3.3	442500	42710	3	2	-							
622	2.7	442500	42710	3	2	-							
729	2.3	442500	42710	3	2	-							
835	2.0	442500	42710	3	2	-							

Weight [lbs]		Stages		AM						
		Large	Small	182	184	213/215	254/256	284/286	324/326	364/365
K187R107	NEMA	3	2	3990	3990	4000	4030	4040	4080	4080
				100	**112**	**132S/M**	**160**	**180**	**200**	**225**
	IEC	3	2	4000	4000	4000	4040	4050	4080	4090
KH187: -150 lbs										

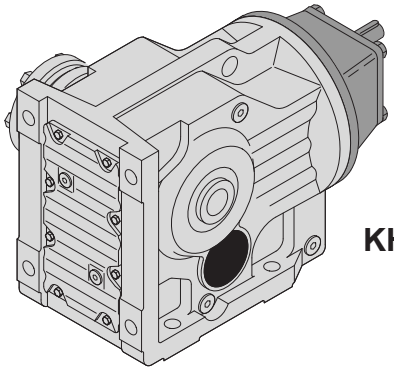
10.2 K.. AD



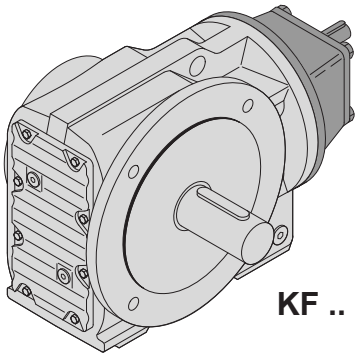
K .. AD..



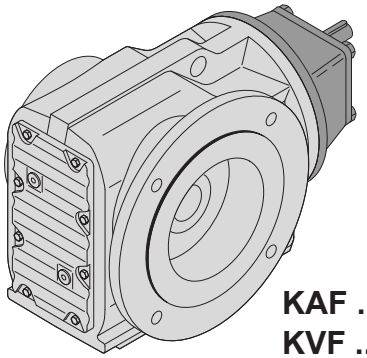
KA ..B AD..
KV ..B AD..



KH ..B AD..

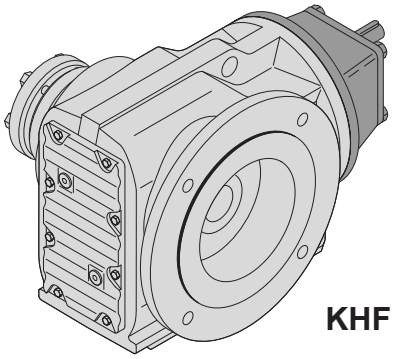


KF .. AD..

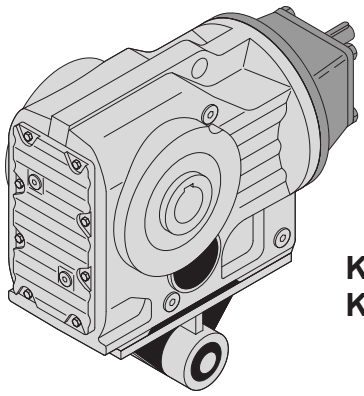


KAF .. AD..
KVF .. AD..

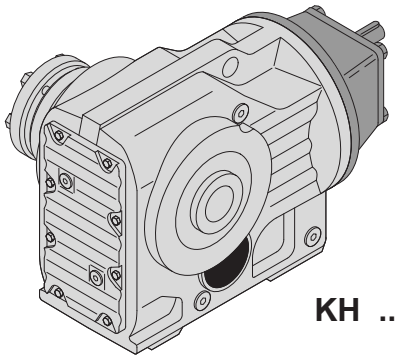
50409AXX



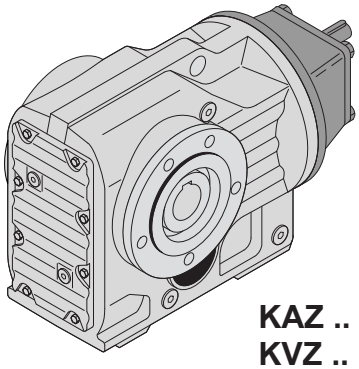
KHF .. AD..



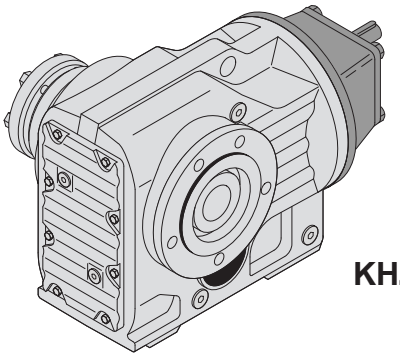
KA../T AD..
KV../T AD..



KH .. AD..



KAZ .. AD..
KVZ .. AD..



KHZ .. AD..

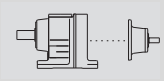
50410AXX

10.2.1 K19

K19 AD.. , n_e = 1700 rpm										710 lb-in	
i [ratio]	n_a [rpm]	$T_{a\,max}$ [lb-in]	P_e [HP]	F_{Ra} [1)] [lb]	F_{Re} [lb]	Stages Lg	Stages Sm	ϕ (/R) [']	⚠		
12.70	134	710	1.6	610	0	2	-	-	-		
14.69	116	710	1.3	640	10	2	-	-	-		
15.84	107	710	1.2	670	20	2	-	-	-		
18.55	92	710	1.1	710	20	2	-	-	-		
21.98	77	710	0.90	760	30	2	-	-	-		
24.06	71	710	0.82	790	40	2	-	-	-	**K19**	**AD1**
27.16	63	530	0.54	850	120	2	-	-	-		
29.29	58	540	0.51	870	120	2	-	-	-		
34.29	50	570	0.46	920	120	2	-	-	-		
40.63	42	590	0.40	980	120	2	-	-	-		
44.48	38	610	0.38	970	120	2	-	-	-		
4.50	378	650	4.0	430	250	2	-	-	M1-6		
5.16	329	710	3.8	440	240	2	-	-	M1-6		
5.54	307	710	3.6	460	250	2	-	-	M1-6		
6.41	265	710	3.1	490	260	2	-	-	-		
6.91	246	710	2.9	500	260	2	-	-	-		
8.09	210	710	2.4	540	270	2	-	-	-		
9.58	177	560	1.6	610	100	2	-	-	-		
10.32	165	670	1.8	560	330	2	-	-	-		
11.84	144	700	1.6	590	330	2	-	-	-		
12.70	134	710	1.6	610	330	2	-	-	-	**K19**	**AD2**
14.69	116	710	1.3	640	340	2	-	-	-		
15.84	107	710	1.2	670	340	2	-	-	-		
18.55	92	710	1.1	710	340	2	-	-	-		
21.98	77	710	0.90	760	270	2	-	-	-		
24.06	71	710	0.82	790	280	2	-	-	-		
27.16	63	530	0.54	850	370	2	-	-	-		
29.29	58	540	0.51	870	370	2	-	-	-		
34.29	50	570	0.46	920	370	2	-	-	-		
40.63	42	590	0.40	980	370	2	-	-	-		
44.48	38	610	0.38	970	370	2	-	-	-		

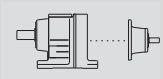
Weight [lbs]	Stages Large	Stages Small	AD1	AD2
K19	3	-	13	16
KA19: -0.5 lbs / KAF19: +0 lbs / KF19: +1.0 lbs				

10.2.2 K29

K29 AD.. , n_e = 1700 rpm										1150 lb-in	
i [ratio]	n_a [rpm]	$T_{a\,max}$ [lb-in]	P_e [HP]	F_{Ra} [1)] [lb]	F_{Re} [lb]	Stages Lg	Stages Sm	ϕ (/R) [']	⚠		
16.29	104	920	1.6	720	0	2	-	-	-		
19.99	85	1030	1.4	760	0	2	-	-	-		
22.08	77	930	1.2	790	70	2	-	-	-		
23.19	73	1060	1.3	800	0	2	-	-	-		
24.91	68	960	1.1	820	70	2	-	-	-		
27.23	62	1110	1.1	850	0	2	-	-	-		
29.69	57	1130	1.1	880	0	2	-	-	-	**K29**	**AD1**
30.11	56	1020	0.94	880	70	2	-	-	-		
36.96	46	1080	0.81	940	80	2	-	-	-		
42.87	40	1130	0.73	990	80	2	-	-	-		
50.35	34	1150	0.63	1060	80	2	-	-	-		
54.89	31	1150	0.58	1100	80	2	-	-	-		
3.19	533	970	8.5	380	160	2	-	-	M1-6		
3.92	434	1120	7.9	390	150	2	-	-	M1-6		
5.10	333	970	5.3	470	210	2	-	-	M1-6		
5.75	296	990	4.8	490	220	2	-	-	-		
6.95	245	970	3.9	540	230	2	-	-	-		
7.48	227	1090	4.1	470	280	2	-	-	M1-6		
8.53	199	1000	3.3	580	240	2	-	-	-		
9.17	185	1150	3.5	500	290	2	-	-	M1-6		
9.90	172	970	2.7	620	250	2	-	-	-		
11.94	142	1150	2.7	570	300	2	-	-	-		
13.47	126	1150	2.4	610	310	2	-	-	-		
16.29	104	1150	2.0	670	310	2	-	-	-	**K29**	**AD2**
19.99	85	1150	1.6	730	320	2	-	-	-		
22.08	77	930	1.2	790	360	2	-	-	-		
23.19	73	1150	1.4	780	320	2	-	-	-		
24.91	68	960	1.1	820	360	2	-	-	-		
27.23	62	1150	1.2	840	200	2	-	-	-		
29.69	57	1150	1.1	870	210	2	-	-	-		
30.11	56	1020	0.94	880	360	2	-	-	-		
36.96	46	1080	0.81	940	360	2	-	-	-		
42.87	40	1130	0.73	990	360	2	-	-	-		
50.35	34	1150	0.63	1060	330	2	-	-	-		
54.89	31	1150	0.58	1100	340	2	-	-	-		

Weight [lbs]	Stages Large	Stages Small	AD1	AD2
K29	3	-	16	19
KA29: -0 lbs / KAF29: +2 lbs / KF29: +2.5 lbs				

10.2.3 K37

K37 AD.. , n_e = 1700 rpm										1770 lb-in	
i [ratio]	n_a [rpm]	$T_{a\,max}$ [lb-in]	P_e [HP]	F_{Ra} [1)] [lb]	F_{Re} [lb]	Stages Lg	Stages Sm	ϕ (/R) [']	⚠		
29.96	57	1680	1.6	760	80	3	-	7	-		
35.57	48	1770	1.4	810	80	3	-	7	-		
37.97	45	1770	1.3	840	90	3	-	7	-		
44.46	38	1770	1.1	910	90	3	-	7	-		
49.79	34	1770	1.0	960	100	3	-	7	-		
58.60	29	1770	0.85	1030	100	3	-	7	-	**K37**	**AD1**
67.80	25	1770	0.74	1100	110	3	-	7	-		
72.54	23	1770	0.69	1140	110	3	-	7	-		
83.69	20	1770	0.60	1210	110	3	-	7	-		
97.81	17	1770	0.51	1270	120	3	-	7	-		
106.38	16	1770	0.47	1270	120	3	-	7	-		
3.98	427	1110	7.9	330	220	3	-	13	M1-6		
5.36	317	1240	6.5	360	230	3	-	13	M1-6		
6.37	267	1280	5.7	390	240	3	-	13	-		
6.80	250	1330	5.5	400	240	3	-	13	-		
7.96	214	1370	4.9	430	240	3	-	13	-		
8.91	191	1420	4.5	440	250	3	-	12	-		
10.49	162	1420	3.8	490	250	3	-	12	-		
12.14	140	1420	3.3	530	260	3	-	12	-		
13.08	130	1460	3.2	540	310	3	-	9	-		
15.31	111	1550	2.9	560	310	3	-	9	-		
17.15	99	1590	2.6	590	310	3	-	8	-		
20.19	84	1640	2.3	630	310	3	-	8	-		
23.36	73	1730	2.1	660	310	3	-	8	-	**K37**	**AD2**
24.99	68	1770	2.0	680	310	3	-	8	-		
28.83	59	1770	1.7	730	320	3	-	8	-		
29.96	57	1770	1.7	740	360	3	-	7	-		
35.57	48	1770	1.4	810	340	3	-	7	-		
37.97	45	1770	1.3	840	340	3	-	7	-		
44.46	38	1770	1.1	910	350	3	-	7	-		
49.79	34	1770	1.0	960	360	3	-	7	-		
58.60	29	1770	0.85	1030	360	3	-	7	-		
67.80	25	1770	0.74	1100	370	3	-	7	-		
72.54	23	1770	0.69	1140	370	3	-	7	-		
83.69	20	1770	0.60	1210	370	3	-	7	-		
97.81	17	1770	0.51	1270	370	3	-	7	-		
106.38	16	1770	0.47	1270	370	3	-	7	-		

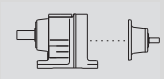
Weight [lbs]	Stages Large	Stages Small	AD1	AD2
K37	3	-	30	33
KA37: -0.5 lbs / KAF37: +3 lbs / KF37: +5 lbs				

10.2.4 K39

K39 AD.. , n_e = 1700 rpm										2660 lb-in	
i [ratio]	n_a [rpm]	$T_{a\,max}$ [lb-in]	P_e [HP]	F_{Ra} [1)] [lb]	F_{Re} [lb]	Stages Lg	Stages Sm	ϕ (/R) [']	⚠		
2.81	605	1130	11.5	650	180	2	-	-			
3.94	431	1510	10.9	690	160	2	-	-			
4.52	376	1690	10.6	700	140	2	-	-			
5.22	326	1860	10.1	730	120	2	-	-			
5.75	296	1990	9.8	740	110	2	-	-			
6.75	252	2260	9.5	760	80	2	-	-			
7.15	238	2350	9.3	760	70	2	-	-			
8.12	209	2520	8.8	790	40	2	-	-			
9.00	189	2660	8.4	810	20	2	-	-			
9.60	177	2210	6.9	740	270	2	-	-			
10.61	160	2520	6.7	890	80	2	-	-			
12.09	141	1650	3.9	1080	230	2	-	-			
12.73	134	1700	3.8	1090	220	2	-	-		**K39**	**AD2**
13.44	126	2390	5.3	840	280	2	-	-			
15.44	110	2480	4.8	890	290	2	-	-			
17.83	95	2570	4.3	940	290	2	-	-			
19.62	87	2610	4.0	980	290	2	-	-			
23.04	74	2660	3.5	1050	300	2	-	-			
24.40	70	2660	3.3	1090	300	2	-	-			
27.73	61	2660	2.9	1160	300	2	-	-			
30.72	55	2660	2.6	1220	310	2	-	-			
36.22	47	2660	2.2	1320	310	2	-	-			
41.28	41	2660	1.9	1410	320	2	-	-			
43.45	39	2660	1.8	1440	320	2	-	-			
49.69	34	2660	1.6	1530	320	2	-	-			
58.24	29	2660	1.4	1650	180	2	-	-			
2.81	605	1130	11.5	650	400	2	-	-			
3.94	431	1510	10.9	690	380	2	-	-			
4.52	376	1690	10.6	700	370	2	-	-			
5.22	326	1860	10.1	730	360	2	-	-			
5.75	296	1990	9.8	740	350	2	-	-			
6.75	252	2260	9.5	760	340	2	-	-			
7.15	238	2350	9.3	760	330	2	-	-			
8.12	209	2520	8.8	790	320	2	-	-			
9.00	189	2660	8.4	810	310	2	-	-			
9.60	177	2210	6.9	740	490	2	-	-		**K39**	**AD3**
10.61	160	2480	6.7	900	350	2	-	-			
13.44	126	2390	5.4	840	500	2	-	-			
15.44	110	2480	4.8	890	500	2	-	-			
17.83	95	2570	4.3	940	510	2	-	-			
19.62	87	2610	4.0	980	510	2	-	-			
23.04	74	2660	3.5	1050	510	2	-	-			
24.40	70	2660	3.3	1090	520	2	-	-			
27.73	61	2660	2.9	1160	520	2	-	-			
30.72	55	2660	2.6	1220	520	2	-	-			
36.22	47	2660	2.2	1320	530	2	-	-			

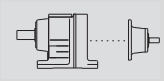
Weight [lbs]	Stages Large	Stages Small	AD2	AD3
K39	3	-	45	52
KA39: -2 lbs / KAF39: +1 lbs / KF39: +3 lbs				

10.2.5 K47

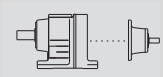
K47 AD.. , n_e = 1700 rpm											3540 lb-in
i [ratio]	n_a [rpm]	$T_{a\,max}$ [lb-in]	P_e [HP]	F_{Ra} [1)] [lb]	F_{Re} [lb]	Stages Lg	Stages Sm	ϕ (/R) [']	⚠		
4.64	366	1500	9.1	670	210	3	-	12	M1-6		
5.81	293	1860	9.0	670	200	3	-	12	M1-6		
6.58	258	1990	8.5	690	200	3	-	12	M1-6		
7.36	231	2170	8.3	690	190	3	-	11	M1-6		
8.56	199	2350	7.7	720	190	3	-	11	-		
9.10	187	2480	7.7	710	180	3	-	11	-		
10.56	161	2480	6.6	780	190	3	-	11	-		
11.77	144	2480	5.9	820	200	3	-	10	-		
12.19	139	3100	7.2	750	230	3	-	8	-		
13.65	125	3190	6.6	780	240	3	-	8	-		
15.86	107	3360	6.0	820	240	3	-	8	-		
16.86	101	3360	5.6	850	240	3	-	8	-		
19.58	87	3540	5.1	890	240	3	-	8	-		
21.81	78	3540	4.6	950	250	3	-	8	-		
24.06	71	3540	4.2	1000	250	3	-	8	-		
25.91	66	3540	3.9	1050	260	3	-	8	-	**K47**	**AD2**
29.32	58	3540	3.4	1120	260	3	-	8	-		
31.30	54	3540	3.2	1160	260	3	-	7	-		
35.39	48	3540	2.8	1240	330	3	-	7	-		
39.61	43	3540	2.5	1310	340	3	-	7	-		
46.03	37	3540	2.2	1330	340	3	-	7	-		
48.95	35	3540	2.0	1330	340	3	-	7	-		
56.83	30	3540	1.8	1330	350	3	-	7	-		
63.30	27	3540	1.6	1330	280	3	-	7	-		
69.84	24	3540	1.4	1330	280	3	-	6	-		
75.20	23	3540	1.3	1330	290	3	-	6	-		
85.12	20	3540	1.2	1330	300	3	-	6	-		
90.86	19	3540	1.1	1330	300	3	-	6	-		
104.37	16	3540	0.96	1330	300	3	-	6	-		
121.48	14	3540	0.82	1330	310	3	-	6	-		
131.87	13	3540	0.76	1330	310	3	-	6	-		
4.64	366	1810	11.0	600	390	3	-	12	M1-6		
5.81	293	2040	9.9	630	400	3	-	12	M1-6		
6.58	258	2120	9.1	660	400	3	-	12	M1-6		
7.36	231	2210	8.5	680	400	3	-	11	M1-6		
8.56	199	2390	7.9	710	400	3	-	11	M2,4,6		
9.10	187	2480	7.7	710	400	3	-	11	-		
10.56	161	2480	6.6	780	410	3	-	11	-		
11.77	144	2480	5.9	820	420	3	-	10	-		
12.19	139	3100	7.2	750	450	3	-	8	M2,4,6		
13.65	125	3190	6.6	780	450	3	-	8	-		
15.86	107	3360	6.0	820	450	3	-	8	-		
16.86	101	3360	5.6	850	450	3	-	8	-	**K47**	**AD3**
19.58	87	3540	5.1	890	450	3	-	8	-		
21.81	78	3540	4.6	950	460	3	-	8	-		
25.91	66	3540	3.9	1050	470	3	-	8	-		
35.39	48	3540	2.8	1240	550	3	-	7	-		
39.61	43	3540	2.5	1310	550	3	-	7	-		
46.03	37	3540	2.2	1330	550	3	-	7	-		
48.95	35	3540	2.0	1330	550	3	-	7	-		
56.83	30	3540	1.8	1330	560	3	-	7	-		
63.30	27	3540	1.6	1330	560	3	-	7	-		
75.20	23	3540	1.3	1330	560	3	-	6	-		

Weight [lbs]	Stages Large	Stages Small	AD2	AD3
K47	3	-	47	54
KA47: -2 lbs / KAF47: +4.5 lbs / KF47: +7 lbs				

10.2.6 K47R37

K47R37 AD.. , n_e = 1700 rpm												3540 lb-in
i [ratio]	n_a [rpm]	$T_{a\,max}$ [lb-in]	P_e [HP]	F_{Ra} [1)] [lb]	F_{Re} [lb]	Stages Lg	Stages Sm	ϕ (/R) [']	⚠			
94	18	3540	1.1	1330	100	3	2	-	-			
99	17	3540	1.0	1330	100	3	2	-	-			
112	15	3540	0.92	1330	120	3	2	-	-			
131	13	3540	0.79	1330	130	3	2	-	-			
153	11	3540	0.67	1330	140	3	2	-	-			
171	9.9	3540	0.60	1330	150	3	2	-	-			
198	8.6	3540	0.52	1330	160	3	2	-	-			
225	7.6	3540	0.46	1330	160	3	2	-	-			
256	6.6	3540	0.40	1330	160	3	2	-	-			
289	5.9	3540	0.36	1330	160	3	2	-	-			
327	5.2	3540	0.31	1330	160	3	2	-	-			
375	4.5	3540	0.27	1330	170	3	2	-	-			
426	4.0	3540	0.24	1330	160	3	2	-	-			
495	3.4	3540	0.21	1330	170	3	2	-	-			
552	3.1	3540	0.19	1330	170	3	2	-	-			
639	2.7	3540	0.16	1330	170	3	2	-	-			
718	2.4	3540	0.14	1330	170	3	2	-	-			
831	2.0	3540	0.12	1330	170	3	2	-	-			
945	1.8	3540	0.11	1330	170	3	2	-	-	**K47R37**		**AD1**
1097	1.5	3540	0.09	1330	170	3	2	-	-			
1222	1.4	3540	0.08	1330	170	3	2	-	-			
1388	1.2	3540	0.08	1330	170	3	3	-	-			
1586	1.1	3540	0.07	1330	170	3	3	-	-			
1819	0.93	3540	0.06	1330	170	3	3	-	-			
2063	0.82	3540	0.05	1330	170	3	3	-	-			
2354	0.72	3540	0.04	1330	170	3	3	-	-			
2733	0.62	3540	0.04	1330	170	3	3	-	-			
3043	0.56	3540	0.03	1330	170	3	3	-	-			
3477	0.49	3540	0.03	1330	170	3	3	-	-			
3940	0.43	3540	0.03	1330	170	3	3	-	-			
4601	0.37	3540	0.02	1330	170	3	3	-	-			
5159	0.33	3540	0.02	1330	170	3	3	-	-			
5983	0.28	3540	0.02	1330	170	3	3	-	-			
6826	0.25	3540	0.02	1330	170	3	3	-	-			
7662	0.22	3540	0.01	1330	170	3	3	-	-			
8534	0.20	3540	0.01	1330	170	3	3	-	-			
10138	0.17	3540	0.01	1330	170	3	3	-	-			
94	18	3540	1.1	1330	370	3	2	-	-			
99	17	3540	1.0	1330	360	3	2	-	-			
112	15	3540	0.92	1330	370	3	2	-	-			
131	13	3540	0.79	1330	370	3	2	-	-			
153	11	3540	0.67	1330	380	3	2	-	-			
171	9.9	3540	0.60	1330	380	3	2	-	-			
198	8.6	3540	0.52	1330	390	3	2	-	-			
225	7.6	3540	0.46	1330	380	3	2	-	-			
256	6.6	3540	0.40	1330	390	3	2	-	-			
289	5.9	3540	0.36	1330	390	3	2	-	-			
327	5.2	3540	0.31	1330	390	3	2	-	-	**K47R37**		**AD2**
375	4.5	3540	0.27	1330	390	3	2	-	-			
426	4.0	3540	0.24	1330	390	3	2	-	-			
495	3.4	3540	0.21	1330	390	3	2	-	-			
552	3.1	3540	0.19	1330	390	3	2	-	-			
639	2.7	3540	0.16	1330	390	3	2	-	-			
718	2.4	3540	0.14	1330	400	3	2	-	-			
831	2.0	3540	0.12	1330	400	3	2	-	-			
945	1.8	3540	0.11	1330	400	3	2	-	-			
1097	1.5	3540	0.09	1330	400	3	2	-	-			
1222	1.4	3540	0.08	1330	400	3	2	-	-			
1388	1.2	3540	0.08	1330	400	3	3	-	-			

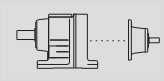
K47R37 AD.. , n_e = 1700 rpm — 3540 lb-in

i [ratio]	n_a [rpm]	$T_{a\,max}$ [lb-in]	P_e [HP]	F_{Ra} [1)] [lb]	F_{Re} [lb]	Stages Lg	Stages Sm	ϕ (/R) [']	⚠	
1586	1.1	3540	0.07	1330	400	3	3	-	-	
1819	0.93	3540	0.06	1330	400	3	3	-	-	
2063	0.82	3540	0.05	1330	400	3	3	-	-	
2354	0.72	3540	0.04	1330	400	3	3	-	-	
2733	0.62	3540	0.04	1330	400	3	3	-	-	
3043	0.56	3540	0.03	1330	400	3	3	-	-	
3477	0.49	3540	0.03	1330	400	3	3	-	-	
3940	0.43	3540	0.03	1330	400	3	3	-	-	**K47R37** **AD2**
4601	0.37	3540	0.02	1330	400	3	3	-	-	
5159	0.33	3540	0.02	1330	400	3	3	-	-	
5983	0.28	3540	0.02	1330	400	3	3	-	-	
6826	0.25	3540	0.02	1330	400	3	3	-	-	
7662	0.22	3540	0.01	1330	400	3	3	-	-	
8534	0.20	3540	0.01	1330	400	3	3	-	-	
10138	0.17	3540	0.01	1330	400	3	3	-	-	

Weight [lbs]	Stages Large	Stages Small	AD1	AD2
K47R37	3	2	68	71
	3	3	69	71

KA47: -2 lbs / KAF47: +4.5 lbs / KF47: +7 lbs

10.2.7 K49

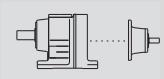
K49 AD.. , n_e = 1700 rpm										4430 lb-in	
i [ratio]	n_a [rpm]	$T_{a\,max}$ [lb-in]	P_e [HP]	F_{Ra} [1)] [lb]	F_{Re} [lb]	Stages Lg	Stages Sm	ϕ (/R) [']	⚠		
11.75	145	3980	10.1	800	210	2	-	-	-		
12.60	135	3720	8.3	1180	0	2	-	-	-		
13.38	127	4160	9.2	860	230	2	-	-	-		
15.05	113	2260	4.3	1420	220	2	-	-	-		
15.67	108	4340	8.2	920	230	2	-	-	-		
15.84	107	2300	4.1	1450	220	2	-	-	-		
17.67	96	4430	7.4	970	240	2	-	-	-		
18.04	94	2300	3.6	1520	220	2	-	-	-		
20.03	85	4430	6.6	1050	250	2	-	-	-		
21.00	81	1240	1.7	1740	110	2	-	-	-		
22.50	76	1330	1.7	1770	80	2	-	-	-		
22.83	74	4430	5.8	1130	260	2	-	-	-	**K49**	**AD2**
25.34	67	4430	5.2	1200	260	2	-	-	-		
28.95	59	4430	4.5	1290	270	2	-	-	-		
30.55	56	4430	4.3	1330	270	2	-	-	-		
34.81	49	4430	3.8	1420	280	2	-	-	-		
37.98	45	4430	3.5	1490	280	2	-	-	-		
42.10	40	4430	3.1	1610	280	2	-	-	-		
44.44	38	4430	3.0	1610	280	2	-	-	-		
50.29	34	4430	2.6	1720	290	2	-	-	-		
52.94	32	4430	2.5	1760	290	2	-	-	-		
60.27	28	4430	2.2	1870	290	2	-	-	-		
70.19	24	3940	1.7	2020	110	2	-	-	-		
75.20	23	4200	1.7	2020	90	2	-	-	-		
6.83	249	4430	18.3	780	40	2	-	-	-		
7.58	224	4430	16.5	820	80	2	-	-	-		
8.66	196	4430	14.5	880	120	2	-	-	-		
9.14	186	4430	13.7	910	130	2	-	-	-		
10.42	163	3500	9.5	1080	310	2	-	-	-		
11.37	150	3670	9.2	1100	300	2	-	-	-		
12.60	135	3720	8.4	1180	300	2	-	-	-		
13.30	128	3720	7.9	1180	300	2	-	-	-		
13.38	127	4160	9.3	860	450	2	-	-	-		
15.67	108	4340	8.3	920	450	2	-	-	-	**K49**	**AD3**
17.67	96	4430	7.5	970	460	2	-	-	-		
20.03	85	4430	6.6	1050	470	2	-	-	-		
22.83	74	4430	5.8	1130	470	2	-	-	-		
25.34	67	4430	5.2	1200	480	2	-	-	-		
28.95	59	4430	4.6	1290	490	2	-	-	-		
30.55	56	4430	4.3	1330	490	2	-	-	-		
34.81	49	4430	3.8	1420	490	2	-	-	-		
37.98	45	4430	3.5	1490	490	2	-	-	-		
44.44	38	4430	3.0	1610	500	2	-	-	-		
4.00	425	3850	27	430	570	2	-	-	-		
4.69	362	4120	25	420	580	2	-	-	-		
5.29	321	4290	23	460	580	2	-	-	-		
5.99	284	4430	21	580	590	2	-	-	-		
6.83	249	4430	18.4	780	610	2	-	-	-		
7.58	224	4430	16.6	820	620	2	-	-	-		
8.66	196	4430	14.5	880	640	2	-	-	-		
9.14	186	4430	13.8	910	640	2	-	-	-	**K49**	**AD4**
13.38	127	4160	9.3	860	850	2	-	-	-		
15.67	108	4340	8.3	920	850	2	-	-	-		
17.67	96	4430	7.5	970	860	2	-	-	-		
20.03	85	4430	6.6	1050	860	2	-	-	-		
22.83	74	4430	5.8	1130	870	2	-	-	-		
25.34	67	4430	5.3	1200	870	2	-	-	-		
28.95	59	4430	4.6	1290	880	2	-	-	-		
30.55	56	4430	4.4	1330	880	2	-	-	-		

Weight [lbs]	Stages Large	Stages Small	AD2	AD3	AD4
K49	3	-	72	79	92
KA49: -6 lbs / KAF49: +5 lbs / KF49: +4 lbs					

10.2.8 K49R37

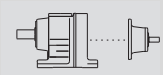
K49R37 AD.. , n_e = 1700 rpm												4430 lb-in
i [ratio]	n_a [rpm]	$T_{a\,max}$ [lb-in]	P_e [HP]	F_{Ra} [1)] [lb]	F_{Re} [lb]	Stages Lg	Stages Sm	ϕ (/R) [']	⚠			
99	17	4430	1.4	2020	100	2	2	-	-			
125	14	4430	1.1	2020	110	2	2	-	-			
152	11	4430	0.93	2020	140	2	2	-	-			
176	9.7	4430	0.80	2020	130	2	2	-	-			
193	8.8	4430	0.73	2020	120	2	2	-	-			
217	7.8	4430	0.66	2020	150	2	2	-	-			
243	7.0	4430	0.60	2020	160	2	2	-	-			
274	6.2	4430	0.54	2020	160	2	2	-	-			
300	5.7	4430	0.49	2020	160	2	2	-	-			
330	5.2	4430	0.45	2020	160	2	2	-	-			
360	4.7	4430	0.42	2020	160	2	2	-	-			
401	4.2	4430	0.39	2020	160	2	2	-	-			
449	3.8	4430	0.35	2020	160	2	2	-	-			
501	3.4	4430	0.32	2020	170	2	2	-	-			
543	3.1	4430	0.29	2020	160	2	2	-	-			
595	2.9	4430	0.27	2020	170	2	2	-	-			
645	2.6	4430	0.24	2020	160	2	2	-	-			
701	2.4	4430	0.24	2020	170	2	2	-	-			
802	2.1	4430	0.21	2020	170	2	2	-	-			
908	1.9	4430	0.19	2020	170	2	2	-	-	**K49R37**		**AD1**
1000	1.7	4430	0.18	2020	170	2	3	-	-			
1120	1.5	4430	0.16	2020	170	2	2	-	-			
1228	1.4	4430	0.16	2020	170	2	3	-	-			
1309	1.3	4430	0.14	2020	170	2	2	-	-			
1424	1.2	4430	0.13	2020	170	2	2	-	-			
1521	1.1	4430	0.14	2020	170	2	3	-	-			
1632	1.0	4430	0.13	2020	170	2	3	-	-			
1741	0.98	4430	0.12	2020	170	2	3	-	-			
1941	0.88	4430	0.11	2020	170	2	3	-	-			
2118	0.80	4430	0.10	2020	170	2	3	-	-			
2372	0.72	4430	0.10	2020	170	2	3	-	-			
2545	0.67	4430	0.09	2020	170	2	3	-	-			
2773	0.61	4430	0.09	2020	170	2	3	-	-			
3081	0.55	4430	0.09	2020	170	2	3	-	-			
3580	0.47	4430	0.07	2020	170	2	3	-	-			
4034	0.42	4430	0.07	2020	170	2	3	-	-			
5120	0.33	4430	0.06	2020	170	2	3	-	-			
5991	0.28	4430	0.06	2020	170	2	3	-	-			
7137	0.24	4430	0.06	2020	170	2	3	-	-			
99	17	4430	1.4	2020	360	2	2	-	-			
125	14	4430	1.1	2020	370	2	2	-	-			
152	11	4430	0.94	2020	380	2	2	-	-			
176	9.7	4430	0.81	2020	380	2	2	-	-			
193	8.8	4430	0.74	2020	370	2	2	-	-			
217	7.8	4430	0.67	2020	380	2	2	-	-			
243	7.0	4430	0.62	2020	390	2	2	-	-			
274	6.2	4430	0.55	2020	390	2	2	-	-			
300	5.7	4430	0.50	2020	380	2	2	-	-			
330	5.2	4430	0.47	2020	390	2	2	-	-	**K49R37**		**AD2**
360	4.7	4430	0.43	2020	390	2	2	-	-			
401	4.2	4430	0.40	2020	390	2	2	-	-			
449	3.8	4430	0.36	2020	390	2	2	-	-			
501	3.4	4430	0.33	2020	390	2	2	-	-			
543	3.1	4430	0.30	2020	390	2	2	-	-			
595	2.9	4430	0.28	2020	390	2	2	-	-			
645	2.6	4430	0.25	2020	390	2	2	-	-			
701	2.4	4430	0.25	2020	390	2	2	-	-			
802	2.1	4430	0.22	2020	390	2	2	-	-			

K49R37 AD.. , n_e = 1700 rpm — 4430 lb-in

i [ratio]	n_a [rpm]	$T_{a\,max}$ [lb-in]	P_e [HP]	F_{Ra} [1)] [lb]	F_{Re} [lb]	Stages Lg	Stages Sm	ϕ (/R) [']	⚠	
908	1.9	4430	0.20	2020	390	2	2	-	-	
1000	1.7	4430	0.20	2020	400	2	3	-	-	
1120	1.5	4430	0.17	2020	400	2	2	-	-	
1228	1.4	4430	0.18	2020	400	2	3	-	-	
1309	1.3	4430	0.15	2020	400	2	2	-	-	
1424	1.2	4430	0.14	2020	400	2	2	-	-	
1521	1.1	4430	0.15	2020	400	2	3	-	-	
1632	1.0	4430	0.14	2020	400	2	3	-	-	**K49R37** **AD2**
1741	0.98	4430	0.13	2020	400	2	3	-	-	
1941	0.88	4430	0.12	2020	400	2	3	-	-	
2118	0.80	4430	0.11	2020	400	2	3	-	-	
2372	0.72	4430	0.11	2020	400	2	3	-	-	
2545	0.67	4430	0.11	2020	400	2	3	-	-	
2773	0.61	4430	0.10	2020	400	2	3	-	-	
3081	0.55	4430	0.10	2020	400	2	3	-	-	
3580	0.47	4430	0.09	2020	400	2	3	-	-	

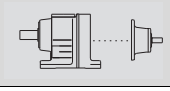
Weight [lbs]	Stages Large	Stages Small	AD1	AD2
K49R37	2	2	89	92
	2	3	90	92
KA49: -6 lbs / KAF49: +5 lbs / KF49: +4 lbs				

10.2.9 K57

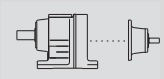
K57 AD.. , n_e = 1700 rpm										5310 lb-in	
i [ratio]	n_a [rpm]	$T_{a\,max}$ [lb-in]	P_e [HP]	F_{Ra} [1)] [lb]	F_{Re} [lb]	Stages Lg	Stages Sm	ϕ (/R) [']	⚠		
13.25	128	4250	9.1	1090	210	3	-	7	M2-6		
15.22	112	4650	8.6	1110	200	3	-	7	M2		
17.57	97	4910	7.9	1160	200	3	-	7	-		
19.34	88	5090	7.4	1190	200	3	-	7	-		
22.71	75	5310	6.6	1270	210	3	-	7	-		
24.05	71	5310	6.2	1310	210	3	-	7	-		
27.34	62	5310	5.5	1400	220	3	-	7	-		
30.28	56	5310	4.9	1480	230	3	-	7	-		
35.70	48	5310	4.2	1620	230	3	-	7	-		
38.49	44	5310	3.9	1680	310	3	-	6	-		
44.43	38	5310	3.4	1720	320	3	-	6	-	**K57**	**AD2**
48.89	35	5310	3.1	1720	320	3	-	6	-		
57.42	30	5310	2.6	1720	320	3	-	6	-		
60.81	28	5310	2.5	1720	330	3	-	6	-		
69.12	25	5310	2.2	1720	330	3	-	6	-		
76.56	22	5310	2.0	1720	330	3	-	6	-		
90.26	19	5310	1.7	1720	330	3	-	6	-		
102.88	17	5310	1.5	1720	240	3	-	6	-		
108.29	16	5310	1.4	1720	240	3	-	6	-		
123.85	14	5310	1.2	1720	250	3	-	6	-		
145.14	12	5310	1.0	1720	250	3	-	6	-		
4.69	362	2660	16.0	770	320	3	-	11	M1-6		
6.57	259	3050	13.1	850	340	3	-	10	M1-6		
7.55	225	3230	12.1	880	340	3	-	10	M1-6		
8.71	195	3450	11.2	910	340	3	-	10	M1-6		
9.59	177	3580	10.5	940	340	3	-	10	M1-6		
11.26	151	3670	9.2	1010	350	3	-	9	M2		
11.92	143	3670	8.7	1040	360	3	-	9	-		
13.25	128	4510	9.6	1050	410	3	-	7	M1-6		
15.22	112	4730	8.8	1090	410	3	-	7	M2,4,6		
17.57	97	4910	7.9	1160	420	3	-	7	-		
19.34	88	5090	7.4	1190	420	3	-	7	-		
22.71	75	5310	6.6	1270	430	3	-	7	-	**K57**	**AD3**
24.05	71	5310	6.2	1310	430	3	-	7	-		
27.34	62	5310	5.5	1400	430	3	-	7	-		
30.28	56	5310	4.9	1480	440	3	-	7	-		
35.70	48	5310	4.2	1620	450	3	-	7	-		
38.49	44	5310	3.9	1680	520	3	-	6	-		
44.43	38	5310	3.4	1720	530	3	-	6	-		
48.89	35	5310	3.1	1720	530	3	-	6	-		
57.42	30	5310	2.6	1720	540	3	-	6	-		
60.81	28	5310	2.5	1720	540	3	-	6	-		
69.12	25	5310	2.2	1720	540	3	-	6	-		
76.56	22	5310	2.0	1720	540	3	-	6	-		
90.26	19	5310	1.7	1720	550	3	-	6	-		

Weight [lbs]	Stages Large	Stages Small	AD2	AD3
K57	3	-	60	67
KA57: -5 lbs / KAF57: +8 lbs / KF57: +10 lbs				

10.2.10 K57R37

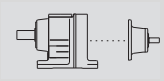
K57R37 AD.. , n_e = 1700 rpm										5310 lb-in	
i [ratio]	n_a [rpm]	$T_{a\,max}$ [lb-in]	P_e [HP]	F_{Ra} [1)] [lb]	F_{Re} [lb]	Stages Lg	Stages Sm	ϕ (/R) [']	⚠		
97	18	4870	1.5	1810	80	3	2	-	-		
111	15	5310	1.4	1720	80	3	2	-	-		
129	13	5310	1.2	1720	70	3	2	-	-		
145	12	5310	1.1	1720	110	3	2	-	-		
166	10	5310	0.93	1720	120	3	2	-	-		
192	8.9	5310	0.80	1720	130	3	2	-	-		
215	7.9	5310	0.72	1720	140	3	2	-	-		
246	6.9	5310	0.63	1720	150	3	2	-	-		
280	6.1	5310	0.55	1720	160	3	2	-	-		
319	5.3	5310	0.48	1720	150	3	2	-	-		
362	4.7	5310	0.43	1720	160	3	2	-	-		
421	4.0	5310	0.37	1720	160	3	2	-	-		
473	3.6	5310	0.33	1720	160	3	2	-	-		
544	3.1	5310	0.28	1720	160	3	2	-	-		
615	2.8	5310	0.25	1720	170	3	2	-	-		
699	2.4	5310	0.22	1720	170	3	2	-	-		
806	2.1	5310	0.19	1720	170	3	2	-	-		
906	1.9	5310	0.17	1720	170	3	2	-	-		
1036	1.6	5310	0.15	1720	170	3	2	-	-	**K57R37**	**AD1**
1174	1.4	5310	0.13	1720	170	3	2	-	-		
1354	1.3	5310	0.11	1720	170	3	2	-	-		
1539	1.1	5310	0.10	1720	170	3	2	-	-		
1743	0.98	5310	0.09	1720	170	3	2	-	-		
1986	0.86	5310	0.08	1720	170	3	3	-	-		
2249	0.76	5310	0.07	1720	170	3	3	-	-		
2593	0.66	5310	0.06	1720	170	3	3	-	-		
2924	0.58	5310	0.05	1720	170	3	3	-	-		
3390	0.50	5310	0.05	1720	170	3	3	-	-		
3854	0.44	5310	0.04	1720	170	3	3	-	-		
4340	0.39	5310	0.04	1720	170	3	3	-	-		
5033	0.34	5310	0.03	1720	170	3	3	-	-		
5662	0.30	5310	0.03	1720	170	3	3	-	-		
6478	0.26	5310	0.02	1720	170	3	3	-	-		
7277	0.23	5310	0.02	1720	170	3	3	-	-		
8547	0.20	5310	0.02	1720	170	3	3	-	-		
9503	0.18	5310	0.02	1720	170	3	3	-	-		
11162	0.15	5310	0.01	1720	170	3	3	-	-		
12169	0.14	5310	0.01	1720	170	3	3	-	-		
97	18	5310	1.6	1720	310	3	2	-	-		
111	15	5310	1.4	1720	340	3	2	-	-		
129	13	5310	1.2	1720	330	3	2	-	-		
145	12	5310	1.1	1720	370	3	2	-	-		
166	10	5310	0.93	1720	370	3	2	-	-		
192	8.9	5310	0.80	1720	380	3	2	-	-		
215	7.9	5310	0.72	1720	380	3	2	-	-		
246	6.9	5310	0.63	1720	380	3	2	-	-		
280	6.1	5310	0.55	1720	380	3	2	-	-		
319	5.3	5310	0.48	1720	380	3	2	-	-	**K57R37**	**AD2**
362	4.7	5310	0.43	1720	390	3	2	-	-		
421	4.0	5310	0.37	1720	390	3	2	-	-		
473	3.6	5310	0.33	1720	390	3	2	-	-		
544	3.1	5310	0.28	1720	390	3	2	-	-		
615	2.8	5310	0.25	1720	390	3	2	-	-		
699	2.4	5310	0.22	1720	390	3	2	-	-		
806	2.1	5310	0.19	1720	390	3	2	-	-		
906	1.9	5310	0.17	1720	400	3	2	-	-		
1036	1.6	5310	0.15	1720	390	3	2	-	-		
1174	1.4	5310	0.13	1720	390	3	2	-	-		

K57R37 AD.. , n_e = 1700 rpm — 5310 lb-in

i [ratio]	n_a [rpm]	$T_{a\,max}$ [lb-in]	P_e [HP]	F_{Ra} [1)] [lb]	F_{Re} [lb]	Stages Lg	Stages Sm	ϕ (/R) [']	⚠	
1354	1.3	5310	0.11	1720	400	3	2	-	-	
1539	1.1	5310	0.10	1720	400	3	2	-	-	
1743	0.98	5310	0.09	1720	400	3	2	-	-	
1986	0.86	5310	0.08	1720	400	3	3	-	-	
2249	0.76	5310	0.07	1720	400	3	3	-	-	
2593	0.66	5310	0.06	1720	400	3	3	-	-	
2924	0.58	5310	0.05	1720	400	3	3	-	-	
3390	0.50	5310	0.05	1720	400	3	3	-	-	
3854	0.44	5310	0.04	1720	400	3	3	-	-	**K57R37** **AD2**
4340	0.39	5310	0.04	1720	400	3	3	-	-	
5033	0.34	5310	0.03	1720	400	3	3	-	-	
5662	0.30	5310	0.03	1720	400	3	3	-	-	
6478	0.26	5310	0.02	1720	400	3	3	-	-	
7277	0.23	5310	0.02	1720	400	3	3	-	-	
8547	0.20	5310	0.02	1720	400	3	3	-	-	
9503	0.18	5310	0.02	1720	400	3	3	-	-	
11162	0.15	5310	0.01	1720	400	3	3	-	-	
12169	0.14	5310	0.01	1720	400	3	3	-	-	

Weight [lbs]	Stages Large	Stages Small	AD1	AD2
K57R37	3	2	81	84
	3	3	82	84
KA57: -5 lbs / KAF57: +8 lbs / KF57: +10 lbs				

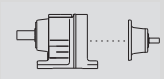
10.2.11 K67

K67 AD.. , n_e = 1700 rpm										7260 lb-in	
i [ratio]	n_a [rpm]	$T_{a\,max}$ [lb-in]	P_e [HP]	F_{Ra} [1)] [lb]	F_{Re} [lb]	Stages Lg	Stages Sm	ϕ (/R) [']	⚠		
35.62	48	7260	5.8	2320	170	3	-	7	-		
38.39	44	7080	5.2	2360	280	3	-	6	-		
44.32	38	7260	4.6	2320	280	3	-	6	-		
48.77	35	7260	4.2	2320	290	3	-	6	-		
57.28	30	7260	3.6	2320	300	3	-	6	-		
60.66	28	7260	3.4	2320	300	3	-	6	-		
68.95	25	7260	3.0	2320	300	3	-	6	-	**K67**	**AD2**
76.37	22	7260	2.7	2320	310	3	-	6	-		
90.04	19	7260	2.3	2320	310	3	-	6	-		
102.62	17	7260	2.0	2320	310	3	-	6	-		
108.03	16	7260	1.9	2320	310	3	-	6	-		
123.54	14	7260	1.7	2320	320	3	-	6	-		
144.79	12	7260	1.4	2320	160	3	-	6	-		
5.20	327	3100	16.8	2060	310	3	-	10	M1-6		
7.28	234	3720	14.4	2230	310	3	-	9	M1-6		
8.37	203	3890	13.1	2320	320	3	-	9	M1-6		
9.66	176	4250	12.4	2400	310	3	-	9	M1-6		
10.63	160	4430	11.8	2460	310	3	-	9	M1-6		
12.48	136	4690	10.6	2570	310	3	-	9	M2		
13.22	129	5930	12.7	2560	350	3	-	8	M1-6		
15.19	112	6200	11.5	2530	350	3	-	8	M1-6		
17.54	97	6550	10.5	2470	360	3	-	7	M2,4,6		
19.30	88	6730	9.8	2430	360	3	-	7	-		
22.66	75	6900	8.6	2400	370	3	-	7	-		
24.00	71	7080	8.3	2360	370	3	-	7	-	**K67**	**AD3**
27.28	62	7260	7.5	2320	370	3	-	7	-		
30.22	56	7260	6.8	2320	380	3	-	7	-		
35.62	48	7260	5.8	2320	390	3	-	7	-		
38.39	44	7080	5.2	2360	490	3	-	6	-		
44.32	38	7260	4.6	2320	500	3	-	6	-		
48.77	35	7260	4.2	2320	500	3	-	6	-		
57.28	30	7260	3.6	2320	510	3	-	6	-		
60.66	28	7260	3.4	2320	510	3	-	6	-		
68.95	25	7260	3.0	2320	520	3	-	6	-		
76.37	22	7260	2.7	2320	520	3	-	6	-		
90.04	19	7260	2.3	2320	520	3	-	6	-		

Weight [lbs]	Stages Large	Stages Small	AD2	AD3
K67	3	-	73	80
KA67: -6 lbs / KAF67: +7 lbs / KF67: +12 lbs				

10.2.12 K67R37

K67R37 AD.. , n_e = 1700 rpm											7260 lb-in
i [ratio]	n_a [rpm]	$T_{a\,max}$ [lb-in]	P_e [HP]	F_{Ra} [1)] [lb]	F_{Re} [lb]	Stages Lg	Stages Sm	ϕ (/R) [']	⚠		
122	14	6110	1.5	2550	80	3	2	-	-		
144	12	7170	1.4	2340	80	3	2	-	-		
166	10	7260	1.3	2320	100	3	2	-	-		
191	8.9	7260	1.1	2320	100	3	2	-	-		
217	7.8	7260	0.97	2320	130	3	2	-	-		
246	6.9	7260	0.86	2320	130	3	2	-	-		
279	6.1	7260	0.76	2320	140	3	2	-	-		
323	5.3	7260	0.65	2320	140	3	2	-	-		
361	4.7	7260	0.59	2320	140	3	2	-	-		
420	4.0	7260	0.50	2320	160	3	2	-	-		
471	3.6	7260	0.45	2320	150	3	2	-	-		
542	3.1	7260	0.39	2320	160	3	2	-	-		
613	2.8	7260	0.34	2320	160	3	2	-	-		
697	2.4	7260	0.30	2320	160	3	2	-	-		
793	2.1	7260	0.27	2320	160	3	2	-	-		
903	1.9	7260	0.23	2320	170	3	2	-	-		
1034	1.6	7260	0.20	2320	160	3	2	-	-		
1171	1.5	7260	0.18	2320	160	3	2	-	-	**K67R37**	**AD1**
1351	1.3	7260	0.16	2320	170	3	2	-	-		
1535	1.1	7260	0.14	2320	170	3	2	-	-		
1739	0.98	7260	0.12	2320	170	3	2	-	-		
1981	0.86	7260	0.11	2320	170	3	3	-	-		
2244	0.76	7260	0.10	2320	170	3	3	-	-		
2532	0.67	7260	0.08	2320	170	3	3	-	-		
2917	0.58	7260	0.07	2320	170	3	3	-	-		
3315	0.51	7260	0.06	2320	170	3	3	-	-		
3750	0.45	7260	0.06	2320	170	3	3	-	-		
4329	0.39	7260	0.05	2320	170	3	3	-	-		
4846	0.35	7260	0.04	2320	170	3	3	-	-		
5648	0.30	7260	0.04	2320	170	3	3	-	-		
6462	0.26	7260	0.03	2320	170	3	3	-	-		
7259	0.23	7260	0.03	2320	170	3	3	-	-		
8173	0.21	7260	0.03	2320	170	3	3	-	-		
9479	0.18	7260	0.02	2320	170	3	3	-	-		
11134	0.15	7260	0.02	2320	170	3	3	-	-		
12139	0.14	7260	0.02	2320	170	3	3	-	-		
122	14	7260	1.7	2320	350	3	2	-	-		
144	12	7260	1.5	2320	330	3	2	-	-		
166	10	7260	1.3	2320	360	3	2	-	-		
191	8.9	7260	1.1	2320	370	3	2	-	-		
217	7.8	7260	0.97	2320	370	3	2	-	-		
246	6.9	7260	0.86	2320	380	3	2	-	-		
279	6.1	7260	0.76	2320	380	3	2	-	-		
323	5.3	7260	0.65	2320	380	3	2	-	-		
361	4.7	7260	0.59	2320	380	3	2	-	-		
420	4.0	7260	0.50	2320	390	3	2	-	-		
471	3.6	7260	0.45	2320	380	3	2	-	-	**K67R37**	**AD2**
542	3.1	7260	0.39	2320	390	3	2	-	-		
613	2.8	7260	0.34	2320	390	3	2	-	-		
697	2.4	7260	0.30	2320	390	3	2	-	-		
793	2.1	7260	0.27	2320	390	3	2	-	-		
903	1.9	7260	0.23	2320	390	3	2	-	-		
1034	1.6	7260	0.20	2320	390	3	2	-	-		
1171	1.5	7260	0.18	2320	390	3	2	-	-		
1351	1.3	7260	0.16	2320	390	3	2	-	-		
1535	1.1	7260	0.14	2320	390	3	2	-	-		
1739	0.98	7260	0.12	2320	400	3	2	-	-		

K67R37 AD.. , n_e = 1700 rpm										7260 lb-in
i [ratio]	n_a [rpm]	$T_{a\,max}$ [lb-in]	P_e [HP]	F_{Ra} [1)] [lb]	F_{Re} [lb]	Stages Lg	Stages Sm	ϕ (/R) [']	⚠	
1981	0.86	7260	0.11	2320	400	3	3	-	-	
2244	0.76	7260	0.10	2320	400	3	3	-	-	
2532	0.67	7260	0.08	2320	400	3	3	-	-	
2917	0.58	7260	0.07	2320	400	3	3	-	-	
3315	0.51	7260	0.06	2320	400	3	3	-	-	
3750	0.45	7260	0.06	2320	400	3	3	-	-	
4329	0.39	7260	0.05	2320	400	3	3	-	-	
4846	0.35	7260	0.04	2320	400	3	3	-	-	**K67R37** **AD2**
5648	0.30	7260	0.04	2320	400	3	3	-	-	
6462	0.26	7260	0.03	2320	400	3	3	-	-	
7259	0.23	7260	0.03	2320	400	3	3	-	-	
8173	0.21	7260	0.03	2320	400	3	3	-	-	
9479	0.18	7260	0.02	2320	400	3	3	-	-	
11134	0.15	7260	0.02	2320	400	3	3	-	-	
12139	0.14	7260	0.02	2320	400	3	3	-	-	

Weight [lbs]	Stages Large	Stages Small	AD1	AD2
K67R37	3	2	94	97
	3	3	95	97
KA67: -6 lbs / KAF67: +7 lbs / KF67: +12 lbs				

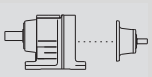
10.2.13 K77

K77 AD.. , n_e = 1700 rpm										13720 lb-in	
i [ratio]	n_a [rpm]	$T_{a\,max}$ [lb-in]	P_e [HP]	F_{Ra} [1)] [lb]	F_{Re} [lb]	Stages Lg	Stages Sm	ϕ (/R) [']	⚠		
40.04	42	13540	9.5	3490	210	3	-	6	-		
45.16	38	13720	8.6	3460	220	3	-	6	-		
51.18	33	13720	7.6	3460	230	3	-	6	-		
58.34	29	13720	6.6	3460	240	3	-	6	-		
64.75	26	13720	6.0	3460	250	3	-	5	-		
73.99	23	13720	5.2	3460	250	3	-	5	-		
78.07	22	13720	5.0	3460	250	3	-	5	-		
88.97	19	13720	4.4	3460	260	3	-	5	-	**K77**	**AD2**
97.05	18	13720	4.0	3460	260	3	-	5	-		
113.56	15	13720	3.4	3460	270	3	-	5	-		
128.52	13	13720	3.0	3460	280	3	-	5	-		
135.28	13	13720	2.9	3460	280	3	-	5	-		
154.02	11	13720	2.5	3460	280	3	-	5	-		
179.37	9.5	10270	1.6	3960	120	3	-	5	-		
192.18	8.8	10970	1.6	3880	90	3	-	5	-		
30.89	55	13720	12.5	3460	210	3	-	6	-		
35.20	48	12480	10.0	3660	300	3	-	6	-		
38.39	44	13190	9.7	3550	270	3	-	6	-		
40.04	42	13720	9.7	3460	430	3	-	6	M2		
45.16	38	13720	8.6	3460	440	3	-	6	-		
51.18	33	13720	7.6	3460	450	3	-	6	-		
58.34	29	13720	6.6	3460	460	3	-	6	-	**K77**	**AD3**
64.75	26	13720	6.0	3460	460	3	-	5	-		
73.99	23	13720	5.2	3460	470	3	-	5	-		
78.07	22	13720	5.0	3460	470	3	-	5	-		
88.97	19	13720	4.4	3460	480	3	-	5	-		
97.05	18	13720	4.0	3460	480	3	-	5	-		
113.56	15	13720	3.4	3460	480	3	-	5	-		
7.24	235	7260	28	2710	570	3	-	8	M1-6		
8.48	200	7880	26	2810	560	3	-	8	M1-6		
9.56	178	8320	25	2890	560	3	-	8	M1-6		
10.84	157	8760	23	2990	560	3	-	8	M1-6		
12.36	138	8850	20	3140	580	3	-	8	M1-6		
13.52	126	11860	25	3060	620	3	-	7	M1-6		
15.84	107	12390	22	3210	630	3	-	6	M1-6		
17.87	95	12830	20	3330	640	3	-	6	M1-6		
20.25	84	13280	18.5	3460	640	3	-	6	M1-6		
23.08	74	13720	16.8	3460	650	3	-	6	M1-6		
25.62	66	13720	15.1	3460	660	3	-	6	M2	**K77**	**AD4**
29.27	58	13720	13.2	3460	680	3	-	6	-		
30.89	55	13720	12.5	3460	680	3	-	6	-		
40.04	42	13720	9.7	3460	830	3	-	6	M2		
45.16	38	13720	8.6	3460	840	3	-	6	-		
51.18	33	13720	7.6	3460	840	3	-	6	-		
58.34	29	13720	6.6	3460	850	3	-	6	-		
64.75	26	13720	6.0	3460	860	3	-	5	-		
73.99	23	13720	5.2	3460	860	3	-	5	-		
78.07	22	13720	5.0	3460	870	3	-	5	-		

Weight [lbs]	Stages Large	Stages Small	AD2	AD3	AD4
K77	3	-	128	135	148
KA77: -17 lbs / KAF77: +1 lb / KF77: +18 lbs					

10.2.14 K77R37

K77R37 AD.. , n_e = 1700 rpm — 13720 lb-in

i [ratio]	n_a [rpm]	$T_{a\ max}$ [lb-in]	P_e [HP]	F_{Ra} [1)] [lb]	F_{Re} [lb]	Stages Lg	Stages Sm	ϕ (/R) [']	⚠		
328	5.2	13720	1.2	3460	80	3	2	-	-		
367	4.6	13720	1.1	3460	80	3	2	-	-		
428	4.0	13720	0.93	3460	120	3	2	-	-		
485	3.5	13720	0.82	3460	130	3	2	-	-		
552	3.1	13720	0.72	3460	140	3	2	-	-		
622	2.7	13720	0.64	3460	150	3	2	-	-		
709	2.4	13720	0.56	3460	160	3	2	-	-		
815	2.1	13720	0.49	3460	140	3	2	-	-		
924	1.8	13720	0.43	3460	150	3	2	-	-		
1053	1.6	13720	0.38	3460	150	3	2	-	-		
1218	1.4	13720	0.33	3460	160	3	2	-	-		
1388	1.2	13720	0.29	3460	160	3	2	-	-		
1514	1.1	13720	0.26	3460	160	3	2	-	-		
1772	0.96	13720	0.23	3460	160	3	2	-	-		
2050	0.83	13720	0.19	3460	160	3	2	-	-		
2370	0.72	13720	0.17	3460	170	3	3	-	-	**K77R37**	**AD1**
2717	0.63	13720	0.15	3460	170	3	3	-	-		
2901	0.59	13720	0.14	3460	170	3	3	-	-		
3485	0.49	13720	0.12	3460	170	3	3	-	-		
3961	0.43	13720	0.10	3460	170	3	3	-	-		
4489	0.38	13720	0.09	3460	170	3	3	-	-		
5089	0.33	13720	0.08	3460	170	3	3	-	-		
5774	0.29	13720	0.07	3460	170	3	3	-	-		
6606	0.26	13720	0.06	3460	170	3	3	-	-		
7528	0.23	13720	0.05	3460	170	3	3	-	-		
8809	0.19	13720	0.05	3460	170	3	3	-	-		
10217	0.17	13720	0.04	3460	170	3	3	-	-		
11955	0.14	13720	0.03	3460	170	3	3	-	-		
14043	0.12	13720	0.03	3460	170	3	3	-	-		
15310	0.11	13720	0.03	3460	170	3	3	-	-		
154	11	13720	2.6	3460	330	3	2	-	-		
175	9.7	13720	2.3	3460	340	3	2	-	-		
195	8.7	13720	2.0	3460	340	3	2	-	-		
221	7.7	13720	1.8	3460	340	3	2	-	-		
252	6.7	13720	1.6	3460	310	3	2	-	-		
290	5.9	13720	1.4	3460	300	3	2	-	-		
328	5.2	13720	1.2	3460	330	3	2	-	-		
367	4.6	13720	1.1	3460	340	3	2	-	-		
428	4.0	13720	0.93	3460	370	3	2	-	-		
485	3.5	13720	0.82	3460	380	3	2	-	-		
552	3.1	13720	0.72	3460	380	3	2	-	-		
622	2.7	13720	0.64	3460	380	3	2	-	-		
709	2.4	13720	0.56	3460	390	3	2	-	-		
815	2.1	13720	0.49	3460	380	3	2	-	-		
924	1.8	13720	0.43	3460	380	3	2	-	-		
1053	1.6	13720	0.38	3460	380	3	2	-	-		
1218	1.4	13720	0.33	3460	390	3	2	-	-		
1388	1.2	13720	0.29	3460	390	3	2	-	-		
1514	1.1	13720	0.26	3460	390	3	2	-	-	**K77R37**	**AD2**
1772	0.96	13720	0.23	3460	390	3	2	-	-		
2050	0.83	13720	0.19	3460	390	3	2	-	-		
2370	0.72	13720	0.17	3460	400	3	3	-	-		
2717	0.63	13720	0.15	3460	400	3	3	-	-		
2901	0.59	13720	0.14	3460	400	3	3	-	-		
3485	0.49	13720	0.12	3460	400	3	3	-	-		
3961	0.43	13720	0.10	3460	400	3	3	-	-		
4489	0.38	13720	0.09	3460	400	3	3	-	-		
5089	0.33	13720	0.08	3460	400	3	3	-	-		
5774	0.29	13720	0.07	3460	400	3	3	-	-		
6606	0.26	13720	0.06	3460	400	3	3	-	-		
7528	0.23	13720	0.05	3460	400	3	3	-	-		
8809	0.19	13720	0.05	3460	400	3	3	-	-		
10217	0.17	13720	0.04	3460	400	3	3	-	-		
11955	0.14	13720	0.03	3460	400	3	3	-	-		
14043	0.12	13720	0.03	3460	400	3	3	-	-		
15310	0.11	13720	0.03	3460	400	3	3	-	-		

Weight [lbs]	Stages Large	Stages Small	AD1	AD2
K77R37	3	2	147	150
	3	3	148	150

KA77: -17 lbs / KAF77: +1 lb / KF77: +18 lbs

10.2.15 K87

K87 AD.. , n_e = 1700 rpm										23900 lb-in	
i [ratio]	n_a [rpm]	$T_{a\,max}$ [lb-in]	P_e [HP]	F_{Ra} [1)] [lb]	F_{Re} [lb]	Stages Lg	Stages Sm	ϕ (/R) [']	⚠		
86.34	20	23900	7.8	6130	200	3	-	5	-		
102.71	17	23900	6.6	6130	210	3	-	5	-		
115.82	15	23900	5.8	6130	220	3	-	5	-		
126.91	13	23900	5.3	6130	220	3	-	5	-		
147.32	12	23900	4.6	6130	230	3	-	5	-	**K87**	**AD2**
164.34	10	23900	4.1	6130	230	3	-	5	-		
174.19	9.8	23900	3.9	6130	230	3	-	5	-		
197.37	8.6	23900	3.4	6130	240	3	-	5	-		
36.52	47	22130	17.1	4400	340	3	-	6	M1-6		
44.02	39	23010	14.8	4700	360	3	-	6	M2-6		
49.16	35	23900	13.7	4850	360	3	-	5	M2		
56.64	30	23900	11.9	5160	370	3	-	5	-		
63.00	27	23900	10.7	5410	380	3	-	5	-		
70.46	24	23900	9.6	5680	390	3	-	5	-		
79.34	21	23900	8.5	5970	400	3	-	5	-	**K87**	**AD3**
86.34	20	23900	7.8	6130	400	3	-	5	-		
102.71	17	23900	6.6	6130	410	3	-	5	-		
115.82	15	23900	5.8	6130	410	3	-	5	-		
126.91	13	23900	5.3	6130	420	3	-	5	-		
147.32	12	23900	4.6	6130	420	3	-	5	-		
7.21	236	10440	41	2840	500	3	-	7	M1-6		
8.29	205	11510	39	2890	450	3	-	7	M1-6		
10.00	170	12740	36	2990	430	3	-	7	M1-6		
11.17	152	13280	34	3080	430	3	-	7	M1-6		
12.56	135	17700	40	3030	530	3	-	6	M1-6		
14.45	118	18590	36	3150	530	3	-	6	M1-6		
16.00	106	15930	28	3290	350	3	-	6	M1-6		
17.42	98	19470	32	3350	550	3	-	6	M1-6		
19.45	87	20360	30	3440	550	3	-	6	M1-6		
22.41	76	20360	26	3680	580	3	-	6	M1-6		
24.92	68	22130	25	3680	560	3	-	6	M1-6		
27.88	61	23010	23	3800	560	3	-	6	M1-6	**K87**	**AD4**
31.39	54	23900	21	3930	550	3	-	6	M2		
36.52	47	22130	17.1	4400	770	3	-	6	M1-6		
44.02	39	23010	14.8	4700	780	3	-	6	M2-6		
49.16	35	23900	13.7	4850	780	3	-	5	M2,4,6		
56.64	30	23900	11.9	5160	790	3	-	5	-		
63.00	27	23900	10.7	5410	800	3	-	5	-		
70.46	24	23900	9.6	5680	810	3	-	5	-		
79.34	21	23900	8.5	5970	810	3	-	5	-		
86.34	20	23900	7.8	6130	820	3	-	5	-		
102.71	17	23900	6.6	6130	830	3	-	5	-		
7.21	236	11510	45	2720	1150	3	-	7	M1-6		
8.29	205	12390	42	2790	1140	3	-	7	M1-6		
10.00	170	13280	37	2930	1150	3	-	7	M1-6		
11.17	152	13280	34	3080	1170	3	-	7	M1-6		
12.56	135	17700	40	3030	1210	3	-	6	M1-6		
14.45	118	18590	36	3150	1210	3	-	6	M1-6		
16.00	106	15930	28	3290	1140	3	-	6	M1-6		
17.42	98	19470	32	3350	1230	3	-	6	M1-6		
19.45	87	20360	30	3440	1230	3	-	6	M1-6	**K87**	**AD5**
22.41	76	20360	26	3680	1250	3	-	6	M1-6		
24.92	68	22130	25	3680	1230	3	-	6	M1-6		
27.88	61	23010	23	3800	1230	3	-	6	M1-6		
31.39	54	23900	21	3930	1230	3	-	6	M2		
36.52	47	22130	17.1	4400	1440	3	-	6	M1-6		
44.02	39	23010	14.8	4700	1450	3	-	6	M2-6		
49.16	35	23900	13.7	4850	1450	3	-	5	M2,4,6		
56.64	30	23900	11.9	5160	1460	3	-	5	-		

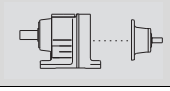
Weight [lbs]	Stages Large	Stages Small	AD2	AD3	AD3	AD3
K87	3	-	206	215	229	262
KA87: -27 lbs / KAF87: +2 lbs / KF87: +20 lbs						

10.2.16 K87R57

K87R57 AD.. , n_e = 1700 rpm											23900 lb-in
i [ratio]	n_a [rpm]	$T_{a\ max}$ [lb-in]	P_e [HP]	F_{Ra} [1)] [lb]	F_{Re} [lb]	Stages Lg	Stages Sm	ϕ (/R) [']	⚠		
141	12	23010	4.7	6160	290	3	2	-	-		
159	11	23900	4.4	6130	300	3	2	-	-		
183	9.3	23900	3.8	6130	310	3	2	-	-		
201	8.5	23900	3.5	6130	310	3	2	-	-		
236	7.2	23900	2.9	6130	320	3	2	-	-		
250	6.8	23900	2.8	6130	320	3	2	-	-		
294	5.8	23900	2.4	6130	350	3	2	-	-		
330	5.2	23900	2.1	6130	350	3	2	-	-		
373	4.6	23900	1.9	6130	350	3	2	-	-		
426	4.0	23900	1.6	6130	350	3	2	-	-		
474	3.6	23900	1.5	6130	330	3	2	-	-		
562	3.0	23900	1.2	6130	350	3	2	-	-		
638	2.7	23900	1.1	6130	360	3	2	-	-		
726	2.3	23900	0.96	6130	370	3	2	-	-		
837	2.0	23900	0.83	6130	380	3	2	-	-		
951	1.8	23900	0.73	6130	380	3	2	-	-		
1078	1.6	23900	0.64	6130	380	3	2	-	-		
1229	1.4	23900	0.57	6130	380	3	2	-	-		
1415	1.2	23900	0.49	6130	380	3	2	-	-	**K87R57**	**AD2**
1657	1.0	23900	0.42	6130	380	3	2	-	-		
1854	0.92	23900	0.38	6130	380	3	2	-	-		
2088	0.81	23900	0.33	6130	390	3	2	-	-		
2371	0.72	23900	0.30	6130	390	3	3	-	-		
2728	0.62	23900	0.26	6130	390	3	3	-	-		
3107	0.55	23900	0.23	6130	390	3	3	-	-		
3609	0.47	23900	0.20	6130	390	3	3	-	-		
4037	0.42	23900	0.17	6130	390	3	3	-	-		
4562	0.37	23900	0.15	6130	400	3	3	-	-		
5240	0.32	23900	0.13	6130	400	3	3	-	-		
5930	0.29	23900	0.12	6130	400	3	3	-	-		
6832	0.25	23900	0.10	6130	400	3	3	-	-		
7854	0.22	23900	0.09	6130	400	3	3	-	-		
9073	0.19	23900	0.08	6130	400	3	3	-	-		
10217	0.17	23900	0.07	6130	400	3	3	-	-		
11737	0.14	23900	0.06	6130	400	3	3	-	-		
13168	0.13	23900	0.05	6130	400	3	3	-	-		
14829	0.11	23900	0.05	6130	400	3	3	-	-		
141	12	23010	4.7	6160	510	3	2	-	-		
159	11	23900	4.4	6130	520	3	2	-	-		
183	9.3	23900	3.8	6130	520	3	2	-	-		
201	8.5	23900	3.5	6130	520	3	2	-	-		
236	7.2	23900	2.9	6130	530	3	2	-	-		
250	6.8	23900	2.8	6130	530	3	2	-	-		
294	5.8	23900	2.4	6130	560	3	2	-	-		
330	5.2	23900	2.1	6130	560	3	2	-	-		
373	4.6	23900	1.9	6130	560	3	2	-	-		
426	4.0	23900	1.6	6130	570	3	2	-	-		
474	3.6	23900	1.5	6130	570	3	2	-	-		
562	3.0	23900	1.2	6130	580	3	2	-	-	**K87R57**	**AD3**
638	2.7	23900	1.1	6130	580	3	2	-	-		
726	2.3	23900	0.96	6130	580	3	2	-	-		
837	2.0	23900	0.83	6130	590	3	2	-	-		
951	1.8	23900	0.73	6130	590	3	2	-	-		
1078	1.6	23900	0.64	6130	590	3	2	-	-		
2371	0.72	23900	0.30	6130	600	3	3	-	-		
2728	0.62	23900	0.26	6130	600	3	3	-	-		
3609	0.47	23900	0.20	6130	600	3	3	-	-		
4037	0.42	23900	0.17	6130	610	3	3	-	-		
4562	0.37	23900	0.15	6130	610	3	3	-	-		
5240	0.32	23900	0.13	6130	610	3	3	-	-		

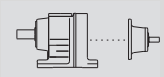
Weight [lbs]	Stages Large	Stages Small	AD2	AD3
K87R57	3	2	257	264
	3	3	259	266
KA87: -27 lbs / KAF87: +2 lbs / KF87: +20 lbs				

10.2.17 K97

K97 AD.. , n_e = 1700 rpm										38060 lb-in	
i [ratio]	n_a [rpm]	$T_{a\,max}$ [lb-in]	P_e [HP]	F_{Ra} [1)] [lb]	F_{Re} [lb]	Stages Lg	Stages Sm	ϕ (/R) [']	⚠		
62.55	27	37520	16.9	7020	290	3	-	7	M2,4,6		
70.54	24	38060	15.2	7350	300	3	-	7	-		
77.89	22	38060	13.8	7680	310	3	-	7	-		
86.52	20	38060	12.4	8030	320	3	-	7	-		
96.80	18	38060	11.1	8420	330	3	-	7	-	**K97**	**AD3**
105.13	16	38060	10.2	8720	330	3	-	7	-		
123.93	14	38060	8.7	8990	340	3	-	7	-		
140.28	12	38060	7.7	8990	350	3	-	7	-		
153.21	11	38060	7.0	8990	350	3	-	7	-		
176.05	9.7	38060	6.1	8990	360	3	-	7	-		
41.87	41	38060	26	5800	670	3	-	7	M1-6		
47.93	35	38060	22	6180	690	3	-	7	M1-6		
56.55	30	38060	19.0	6670	710	3	-	7	M1-6		
62.55	27	38060	17.2	6970	720	3	-	7	M2-6		
70.54	24	38060	15.2	7350	730	3	-	7	-	**K97**	**AD4**
77.89	22	38060	13.8	7680	740	3	-	7	-		
86.52	20	38060	12.4	8030	740	3	-	7	-		
96.80	18	38060	11.1	8420	750	3	-	7	-		
105.13	16	38060	10.2	8720	760	3	-	7	-		
123.93	14	38060	8.7	8990	770	3	-	7	-		
16.56	103	38060	65	3580	910	3	-	8	M1-6		
18.96	90	38060	57	3870	940	3	-	8	M1-6		
22.37	76	38060	48	4230	990	3	-	8	M1-6		
24.75	69	38060	43	4470	1010	3	-	8	M1-6		
27.91	61	38060	38	4750	1030	3	-	8	M1-6		
30.82	55	38060	35	5000	1050	3	-	7	M1-6		
34.23	50	38060	31	5270	1060	3	-	7	M1-6		
38.30	44	38060	28	5560	1080	3	-	7	M2	**K97**	**AD5**
41.87	41	38060	26	5800	1350	3	-	7	M1-6		
47.93	35	38060	22	6180	1360	3	-	7	M1-6		
56.55	30	38060	19.0	6670	1380	3	-	7	M1-6		
62.55	27	38060	17.2	6970	1390	3	-	7	M2-6		
70.54	24	38060	15.2	7350	1400	3	-	7	-		
77.89	22	38060	13.8	7680	1410	3	-	7	-		
86.52	20	38060	12.4	8030	1410	3	-	7	-		
96.80	18	38060	11.1	8420	1420	3	-	7	-		
7.54	225	21240	80	3210	1500	3	-	10	M1-6		
8.71	195	23540	76	3210	1480	3	-	10	M1-6		
10.41	163	25400	69	3320	1490	3	-	10	M1-6		
11.99	142	34430	81	3260	1490	3	-	8	M1-6		
13.85	123	38060	78	3220	1470	3	-	8	M1-6		
16.56	103	38060	65	3580	1530	3	-	8	M1-6		
18.96	90	38060	57	3870	1560	3	-	8	M1-6		
22.37	76	38060	48	4230	1600	3	-	8	M1-6		
24.75	69	38060	43	4470	1620	3	-	8	M1-6	**K97**	**AD6**
27.91	61	38060	38	4750	1640	3	-	8	M1-6		
30.82	55	38060	35	5000	1660	3	-	7	M1-6		
41.87	41	38060	26	5800	1940	3	-	7	M1-6		
47.93	35	38060	22	6180	1960	3	-	7	M1-6		
56.55	30	38060	19.0	6670	1970	3	-	7	M1-6		
62.55	27	38060	17.2	6970	1980	3	-	7	M2,4,6		
70.54	24	38060	15.2	7350	1990	3	-	7	-		
77.89	22	38060	13.8	7680	2000	3	-	7	-		

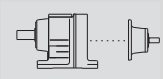
Weight [lbs]	Stages Large	Stages Small	AD3	AD4	AD5	AD6
K97	3	-	347	359	395	425
KA97: -40 lbs / KAF97: +15 lbs / KF97: +44 lbs						

10.2.18 K97R57

K97R57 AD.. , n_e = 1700 rpm										38060 lb-in	
i [ratio]	n_a [rpm]	$T_{a\,max}$ [lb-in]	P_e [HP]	F_{Ra} [1)] [lb]	F_{Re} [lb]	Stages Lg	Stages Sm	ϕ (/R) [']	⚠		
199	8.5	38060	5.6	8990	260	3	2	-	-		
232	7.3	38060	4.8	8990	270	3	2	-	-		
258	6.6	38060	4.3	8990	280	3	2	-	-		
305	5.6	38060	3.6	8990	290	3	2	-	-		
342	5.0	38060	3.2	8990	330	3	2	-	-		
382	4.5	38060	2.9	8990	320	3	2	-	-		
437	3.9	38060	2.5	8990	340	3	2	-	-		
504	3.4	38060	2.2	8990	350	3	2	-	-		
573	3.0	38060	1.9	8990	330	3	2	-	-		
652	2.6	38060	1.7	8990	350	3	2	-	-		
743	2.3	38060	1.5	8990	340	3	2	-	-		
855	2.0	38060	1.3	8990	270	3	2	-	-		
957	1.8	38060	1.2	8990	300	3	2	-	-		
1102	1.5	38060	1.0	8990	310	3	2	-	-		
1261	1.3	38060	0.88	8990	340	3	2	-	-		
1430	1.2	38060	0.77	8990	380	3	2	-	-		
1625	1.0	38060	0.68	8990	380	3	2	-	-		
1856	0.92	38060	0.60	8990	370	3	2	-	-	**K97R57**	**AD2**
2123	0.80	38060	0.52	8990	380	3	2	-	-		
2419	0.70	38060	0.46	8990	380	3	2	-	-		
2757	0.62	38060	0.41	8990	390	3	3	-	-		
3108	0.55	38060	0.36	8990	390	3	3	-	-		
3583	0.47	38060	0.31	8990	390	3	3	-	-		
4082	0.42	38060	0.28	8990	390	3	3	-	-		
4669	0.36	38060	0.24	8990	390	3	3	-	-		
5391	0.32	38060	0.21	8990	390	3	3	-	-		
6027	0.28	38060	0.19	8990	390	3	3	-	-		
6970	0.24	38060	0.16	8990	400	3	3	-	-		
8054	0.21	38060	0.14	8990	390	3	3	-	-		
9083	0.19	38060	0.12	8990	400	3	3	-	-		
10317	0.16	38060	0.11	8990	400	3	3	-	-		
11677	0.15	38060	0.10	8990	400	3	3	-	-		
13182	0.13	38060	0.09	8990	400	3	3	-	-		
14897	0.11	38060	0.08	8990	400	3	3	-	-		
16666	0.10	38060	0.07	8990	400	3	3	-	-		
18091	0.09	38060	0.06	8990	400	3	3	-	-		
199	8.5	38060	5.6	8990	480	3	2	-	-		
232	7.3	38060	4.8	8990	480	3	2	-	-		
258	6.6	38060	4.3	8990	490	3	2	-	-		
305	5.6	38060	3.6	8990	510	3	2	-	-		
342	5.0	38060	3.2	8990	550	3	2	-	-		
382	4.5	38060	2.9	8990	530	3	2	-	-		
437	3.9	38060	2.5	8990	560	3	2	-	-		
504	3.4	38060	2.2	8990	560	3	2	-	-		
573	3.0	38060	1.9	8990	550	3	2	-	-		
652	2.6	38060	1.7	8990	560	3	2	-	-		
743	2.3	38060	1.5	8990	570	3	2	-	-	**K97R57**	**AD3**
1430	1.2	38060	0.77	8990	590	3	2	-	-		
1625	1.0	38060	0.68	8990	590	3	2	-	-		
2123	0.80	38060	0.52	8990	590	3	2	-	-		
2757	0.62	38060	0.41	8990	600	3	3	-	-		
3583	0.47	38060	0.31	8990	600	3	3	-	-		
4082	0.42	38060	0.28	8990	600	3	3	-	-		
4669	0.36	38060	0.24	8990	600	3	3	-	-		
6027	0.28	38060	0.19	8990	610	3	3	-	-		
6970	0.24	38060	0.16	8990	610	3	3	-	-		
10317	0.16	38060	0.11	8990	610	3	3	-	-		

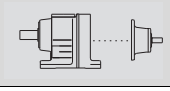
Weight [lbs]	Stages Large	Stages Small	AD2	AD3
K97R57	3	2	391	398
	3	3	393	400
KA97: -40 lbs / KAF97: +15 lbs / KF97: +44 lbs				

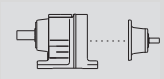
10.2.19 K107

K107 AD.. , n_e = 1700 rpm										70800 lb-in
i [ratio]	n_a [rpm]	$T_{a\,max}$ [lb-in]	P_e [HP]	F_{Ra} [1)] [lb]	F_{Re} [lb]	Stages Lg	Stages Sm	ϕ (/R) [']	⚠	
49.90	34	69380	39	7850	490	3	-	6	M1-6	
57.17	30	70800	35	8360	510	3	-	6	M1-6	
66.52	26	70800	30	9160	530	3	-	6	M1-6	
73.30	23	70800	27	9680	550	3	-	6	M2,4,6	
82.61	21	70800	24	10340	560	3	-	6	-	**K107** **AD4**
90.96	19	70800	22	10890	570	3	-	6	-	
100.75	17	70800	19.8	11480	590	3	-	6	-	
112.41	15	70800	17.8	12130	600	3	-	6	-	
121.46	14	70800	16.5	12600	610	3	-	6	-	
143.47	12	70800	13.9	13650	630	3	-	6	-	
31.28	54	60180	54	6840	1150	3	-	6	M1-6	
32.69	52	63720	55	6570	560	3	-	6	M1-6	
37.00	46	63720	49	7140	1150	3	-	6	M1-6	
42.33	40	65140	43	7580	1170	3	-	6	M1-6	
49.90	34	69380	39	7850	1170	3	-	6	M1-6	
57.17	30	70800	35	8360	1190	3	-	6	M1-6	**K107** **AD5**
66.52	26	70800	30	9160	1210	3	-	6	M1-6	
73.30	23	70800	27	9680	1220	3	-	6	M2,4,6	
82.61	21	70800	24	10340	1240	3	-	6	-	
90.96	19	70800	22	10890	1250	3	-	6	-	
100.75	17	70800	19.8	11480	1270	3	-	6	-	
112.41	15	70800	17.8	12130	1270	3	-	6	-	
7.35	231	23540	90	5730	1460	3	-	9	M1-6	
8.69	196	27880	91	5760	1380	3	-	9	M1-6	
9.94	171	31950	91	5740	1310	3	-	9	M1-6	
11.73	145	37700	91	5670	1100	3	-	9	M1-6	
13.43	127	38060	80	6010	1180	3	-	9	M1-6	
14.64	116	46990	91	5560	1380	3	-	7	M1-6	
16.75	101	53810	91	5160	1310	3	-	7	M1-6	
19.74	86	63450	91	4440	1100	3	-	6	M1-6	
22.62	75	63720	80	4970	1190	3	-	6	M1-6	
26.32	65	63720	68	5620	1300	3	-	6	M1-6	
29.00	59	63720	62	6040	1340	3	-	6	M1-6	**K107** **AD6**
31.28	54	60180	54	6840	1760	3	-	6	M1-6	
32.69	52	63720	55	6570	1360	3	-	6	M1-6	
37.00	46	63720	49	7140	1760	3	-	6	M1-6	
42.33	40	65140	43	7580	1780	3	-	6	M1-6	
49.90	34	69380	39	7850	1780	3	-	6	M1-6	
57.17	30	70800	35	8360	1790	3	-	6	M1-6	
66.52	26	70800	30	9160	1820	3	-	6	M1-6	
73.30	23	70800	27	9680	1830	3	-	6	M2,4,6	
82.61	21	70800	24	10340	1840	3	-	6	-	
90.96	19	70800	22	10890	1850	3	-	6	-	

Weight [lbs]	Stages Large	Stages Small	AD4	AD5	AD6
K107	3	-	614	643	674
KA107: -60 lbs / KAF107: +7 lbs / KF107: +27 lbs					

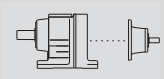
10.2.20 K107R77

K107R77 AD.. , n_e = 1700 rpm										70800 lb-in	
i [ratio]	n_a [rpm]	$T_{a\,max}$ [lb-in]	P_e [HP]	F_{Ra} [1)] [lb]	F_{Re} [lb]	Stages Lg	Stages Sm	ϕ (/R) [']	⚠		
196	8.7	64160	9.5	14610	210	3	2	-	-		
222	7.7	69740	9.1	14610	210	3	2	-	-		
251	6.8	70800	8.2	14610	220	3	2	-	-		
286	5.9	70800	7.2	14610	230	3	2	-	-		
318	5.3	70800	6.5	14610	230	3	2	-	-		
364	4.7	70800	5.7	14610	250	3	2	-	-		
408	4.2	70800	5.0	14610	300	3	2	-	-		
461	3.7	70800	4.5	14610	310	3	2	-	-		
522	3.3	70800	3.9	14610	310	3	2	-	-		
615	2.8	70800	3.3	14610	330	3	2	-	-		
696	2.4	70800	3.0	14610	310	3	2	-	-		
793	2.1	70800	2.6	14610	320	3	2	-	-		
904	1.9	70800	2.3	14610	350	3	2	-	-		
1030	1.7	70800	2.0	14610	350	3	2	-	-		
1166	1.5	70800	1.8	14610	340	3	2	-	-		
1336	1.3	70800	1.5	14610	280	3	2	-	-		
1554	1.1	70800	1.3	14610	310	3	2	-	-	**K107R77**	**AD2**
1713	0.99	70800	1.2	14610	330	3	2	-	-		
1939	0.88	70800	1.1	14610	370	3	3	-	-		
2286	0.74	70800	0.91	14610	370	3	3	-	-		
2599	0.65	70800	0.80	14610	380	3	3	-	-		
2977	0.57	70800	0.70	14610	380	3	3	-	-		
3358	0.51	70800	0.62	14610	380	3	3	-	-		
3810	0.45	70800	0.55	14610	380	3	3	-	-		
4359	0.39	70800	0.48	14610	380	3	3	-	-		
5138	0.33	70800	0.41	14610	390	3	3	-	-		
5662	0.30	70800	0.37	14610	390	3	3	-	-		
6184	0.27	70800	0.34	14610	390	3	3	-	-		
7270	0.23	70800	0.29	14610	390	3	3	-	-		
8328	0.20	70800	0.25	14610	390	3	3	-	-		
9524	0.18	70800	0.22	14610	390	3	3	-	-		
10677	0.16	70800	0.20	14610	390	3	3	-	-		
12211	0.14	70800	0.17	14610	390	3	3	-	-		
14311	0.12	70800	0.15	14610	390	3	3	-	-		
140	12	63720	13.2	14090	370	3	2	-	-		
154	11	63720	12.0	14610	390	3	2	-	-		
174	9.8	63720	10.7	14610	400	3	2	-	-		
196	8.7	70800	10.5	14610	410	3	2	-	-		
222	7.7	70800	9.3	14610	430	3	2	-	-		
251	6.8	70800	8.2	14610	430	3	2	-	-		
286	5.9	70800	7.2	14610	440	3	2	-	-		
318	5.3	70800	6.5	14610	450	3	2	-	-		
364	4.7	70800	5.7	14610	470	3	2	-	-		
408	4.2	70800	5.0	14610	520	3	2	-	-		
461	3.7	70800	4.5	14610	520	3	2	-	-		
522	3.3	70800	3.9	14610	530	3	2	-	-	**K107R77**	**AD3**
615	2.8	70800	3.3	14610	540	3	2	-	-		
696	2.4	70800	3.0	14610	530	3	2	-	-		
793	2.1	70800	2.6	14610	530	3	2	-	-		
904	1.9	70800	2.3	14610	560	3	2	-	-		
1030	1.7	70800	2.0	14610	570	3	2	-	-		
1166	1.5	70800	1.8	14610	550	3	2	-	-		
1336	1.3	70800	1.5	14610	560	3	2	-	-		
1554	1.1	70800	1.3	14610	570	3	2	-	-		
1713	0.99	70800	1.2	14610	570	3	2	-	-		
1939	0.88	70800	1.1	14610	580	3	3	-	-		
2286	0.74	70800	0.91	14610	590	3	3	-	-		
2599	0.65	70800	0.80	14610	590	3	3	-	-		

K107R77 AD.. , n_e = 1700 rpm										70800 lb-in	
i [ratio]	n_a [rpm]	$T_{a\,max}$ [lb-in]	P_e [HP]	F_{Ra} [1)] [lb]	F_{Re} [lb]	Stages Lg	Stages Sm	ϕ (/R) [']	⚠		
2977	0.57	70800	0.70	14610	590	3	3	-	-		
3358	0.51	70800	0.62	14610	600	3	3	-	-		
3810	0.45	70800	0.55	14610	590	3	3	-	-		
4359	0.39	70800	0.48	14610	600	3	3	-	-	**K107R77**	**AD3**
5138	0.33	70800	0.41	14610	600	3	3	-	-		
5662	0.30	70800	0.37	14610	600	3	3	-	-		
6184	0.27	70800	0.34	14610	600	3	3	-	-		
140	12	63720	13.2	14090	770	3	2	-	-		
154	11	63720	12.0	14610	790	3	2	-	-		
174	9.8	63720	10.7	14610	800	3	2	-	-		
196	8.7	70800	10.5	14610	820	3	2	-	-		
222	7.7	70800	9.3	14610	820	3	2	-	-		
251	6.8	70800	8.2	14610	830	3	2	-	-		
286	5.9	70800	7.2	14610	840	3	2	-	-		
318	5.3	70800	6.5	14610	850	3	2	-	-		
364	4.7	70800	5.7	14610	870	3	2	-	-		
408	4.2	70800	5.0	14610	900	3	2	-	-		
461	3.7	70800	4.5	14610	910	3	2	-	-	**K107R77**	**AD4**
522	3.3	70800	3.9	14610	910	3	2	-	-		
615	2.8	70800	3.3	14610	920	3	2	-	-		
696	2.4	70800	3.0	14610	920	3	2	-	-		
904	1.9	70800	2.3	14610	940	3	2	-	-		
1030	1.7	70800	2.0	14610	950	3	2	-	-		
1939	0.88	70800	1.1	14610	960	3	3	-	-		
2286	0.74	70800	0.91	14610	970	3	3	-	-		
3358	0.51	70800	0.62	14610	970	3	3	-	-		
5138	0.33	70800	0.41	14610	980	3	3	-	-		
5662	0.30	70800	0.37	14610	980	3	3	-	-		

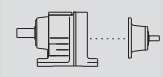
Weight [lbs]	Stages Large	Stages Small	AD2	AD3	AD4
K107R77	3	2	675	682	696
	3	3	678	685	698
KA107: -60 lbs / KAF107: +7 lbs / KF107: +27 lbs					

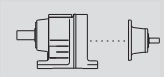
10.2.21 K127

K127 AD.. , n_e = 1700 rpm										115050 lb-in
i [ratio]	n_a [rpm]	$T_{a\,max}$ [lb-in]	P_e [HP]	F_{Ra} [1)] [lb]	F_{Re} [lb]	Stages Lg	Stages Sm	ϕ (/R) [']	⚠	
110.18	15	115050	29	16940	350	3	-	5	-	**K127** **AD4**
122.48	14	115050	27	17730	380	3	-	5	-	
136.14	12	115050	24	17800	400	3	-	5	-	
146.07	12	115050	22	17800	420	3	-	5	-	
47.82	36	115050	68	11570	960	3	-	5	M1-6	**K127** **AD5**
54.07	31	115050	60	12280	1000	3	-	5	M1-6	
62.60	27	115050	52	13160	1030	3	-	5	M1-6	
70.95	24	115050	46	13940	1050	3	-	5	M1-6	
81.98	21	115050	40	14880	1080	3	-	5	M1-6	
89.89	19	115050	36	15510	1090	3	-	5	M2,4,6	
110.18	15	115050	29	16940	1130	3	-	5	-	
122.48	14	115050	27	17730	1150	3	-	5	-	
136.14	12	115050	24	17800	1160	3	-	5	-	
40.19	42	115050	81	10610	1540	3	-	5	M1-6	**K127** **AD6**
47.82	36	115050	68	11570	1590	3	-	5	M1-6	
54.07	31	115050	60	12280	1620	3	-	5	M1-6	
62.60	27	115050	52	13160	1650	3	-	5	M1-6	
70.95	24	115050	46	13940	1670	3	-	5	M1-6	
81.98	21	115050	40	14880	1690	3	-	5	M1-6	
89.89	19	115050	36	15510	1700	3	-	5	M2,4,6	
110.18	15	115050	29	16940	1740	3	-	5	-	
23.91	71	115050	136	7940	1440	3	-	6	M1-6	**K127** **AD7**
27.68	61	115050	117	8710	1700	3	-	6	M1-6	
31.37	54	115050	104	9320	1880	3	-	6	M1-6	
36.25	47	115050	90	10060	2100	3	-	6	M1-6	
40.19	42	115050	81	10610	3670	3	-	5	M1-6	
47.82	36	115050	68	11570	3710	3	-	5	M1-6	
54.07	31	115050	60	12280	3740	3	-	5	M1-6	
62.60	27	115050	52	13160	3760	3	-	5	M1-6	
70.95	24	115050	46	13940	3780	3	-	5	M1-6	
81.98	21	115050	40	14880	3810	3	-	5	M1-6	
89.89	19	115050	36	15510	3820	3	-	5	M2,4,6	
8.68	196	63990	208	6640	5010	3	-	8	M1-6	**K127** **AD8**
10.74	158	70800	186	6890	5010	3	-	8	M1-6	
12.79	133	75490	167	7190	5030	3	-	8	M1-6	
14.35	118	107090	211	5880	5000	3	-	6	M1-6	
17.77	96	115050	183	6170	5040	3	-	6	M1-6	
21.15	80	115050	154	7200	5130	3	-	6	M1-6	
23.91	71	115050	136	7940	5190	3	-	6	M1-6	
27.68	61	115050	117	8710	5250	3	-	6	M1-6	
31.37	54	115050	104	9320	5290	3	-	6	M1-6	
40.19	42	115050	81	10610	5780	3	-	5	M1-6	
47.82	36	115050	68	11570	5830	3	-	5	M1-6	
54.07	31	115050	60	12280	5850	3	-	5	M1-6	
62.60	27	115050	52	13160	5880	3	-	5	M1-6	
70.95	24	115050	46	13940	5900	3	-	5	M1-6	

Weight [lbs]	Stages Large	Stages Small	AD4	AD5	AD6	AD7	AD8
K127	3	-	963	989	1015	1014	1062
KA127: -62 lbs / KAF127: +20 lbs / KF127: +93 lbs							

10.2.22 K127R77

K127R77 AD.. , n_e = 1700 rpm										115050 lb-in	
i [ratio]	n_a [rpm]	$T_{a\,max}$ [lb-in]	P_e [HP]	F_{Ra} [1)] [lb]	F_{Re} [lb]	Stages Lg	Stages Sm	ϕ (/R) [']	⚠		
418	4.1	115050	8.0	17800	210	3	2	-	-		
477	3.6	115050	7.0	17800	260	3	2	-	-		
549	3.1	115050	6.1	17800	250	3	2	-	-		
610	2.8	115050	5.5	17800	280	3	2	-	-		
704	2.4	115050	4.8	17800	280	3	2	-	-		
790	2.2	115050	4.2	17800	320	3	2	-	-		
899	1.9	115050	3.7	17800	290	3	2	-	-		
1025	1.7	115050	3.3	17800	300	3	2	-	-		
1177	1.4	115050	2.8	17800	320	3	2	-	-		
1342	1.3	115050	2.5	17800	320	3	2	-	-		
1541	1.1	115050	2.2	17800	340	3	2	-	-		
1757	0.97	115050	1.9	17800	340	3	2	-	-		
1926	0.88	115050	1.7	17800	350	3	2	-	-		
2268	0.75	115050	1.5	17800	370	3	3	-	-		
2607	0.65	115050	1.3	17800	370	3	3	-	-	**K127R77**	**AD2**
3009	0.56	115050	1.1	17800	370	3	3	-	-		
3311	0.51	115050	1.0	17800	380	3	3	-	-		
3889	0.44	115050	0.87	17800	380	3	3	-	-		
4423	0.38	115050	0.77	17800	380	3	3	-	-		
5027	0.34	115050	0.68	17800	380	3	3	-	-		
5804	0.29	115050	0.59	17800	380	3	3	-	-		
6565	0.26	115050	0.52	17800	380	3	3	-	-		
7482	0.23	115050	0.45	17800	380	3	3	-	-		
8443	0.20	115050	0.40	17800	390	3	3	-	-		
9819	0.17	115050	0.35	17800	390	3	3	-	-		
10915	0.16	115050	0.31	17800	390	3	3	-	-		
12440	0.14	115050	0.27	17800	390	3	3	-	-		
14975	0.11	115050	0.23	17800	390	3	3	-	-		
16006	0.11	115050	0.21	17800	390	3	3	-	-		
17550	0.10	115050	0.19	17800	390	3	3	-	-		
418	4.1	115050	8.0	17800	420	3	2	-	-		
477	3.6	115050	7.0	17800	480	3	2	-	-		
549	3.1	115050	6.1	17800	470	3	2	-	-		
610	2.8	115050	5.5	17800	490	3	2	-	-		
704	2.4	115050	4.8	17800	490	3	2	-	-		
790	2.2	115050	4.2	17800	530	3	2	-	-		
899	1.9	115050	3.7	17800	510	3	2	-	-		
1025	1.7	115050	3.3	17800	510	3	2	-	-		
1177	1.4	115050	2.8	17800	530	3	2	-	-		
1342	1.3	115050	2.5	17800	530	3	2	-	-		
1541	1.1	115050	2.2	17800	550	3	2	-	-		
1757	0.97	115050	1.9	17800	550	3	2	-	-	**K127R77**	**AD3**
1926	0.88	115050	1.7	17800	560	3	2	-	-		
2268	0.75	115050	1.5	17800	580	3	3	-	-		
2607	0.65	115050	1.3	17800	580	3	3	-	-		
3009	0.56	115050	1.1	17800	590	3	3	-	-		
3311	0.51	115050	1.0	17800	590	3	3	-	-		
3889	0.44	115050	0.87	17800	590	3	3	-	-		
4423	0.38	115050	0.77	17800	590	3	3	-	-		
5027	0.34	115050	0.68	17800	590	3	3	-	-		
5804	0.29	115050	0.59	17800	600	3	3	-	-		
6565	0.26	115050	0.52	17800	590	3	3	-	-		
8443	0.20	115050	0.40	17800	600	3	3	-	-		
10915	0.16	115050	0.31	17800	600	3	3	-	-		
418	4.1	115050	8.0	17800	820	3	2	-	-		
477	3.6	115050	7.0	17800	870	3	2	-	-	**K127R77**	**AD4**
549	3.1	115050	6.1	17800	860	3	2	-	-		

K127R77 AD.. , n_e = 1700 rpm										115050 lb-in
i [ratio]	n_a [rpm]	$T_{a\ max}$ [lb-in]	P_e [HP]	F_{Ra} [1)] [lb]	F_{Re} [lb]	Stages Lg	Stages Sm	ϕ (/R) [']	⚠	
610	2.8	115050	5.5	17800	880	3	2	-	-	
704	2.4	115050	4.8	17800	890	3	2	-	-	
790	2.2	115050	4.2	17800	920	3	2	-	-	
899	1.9	115050	3.7	17800	900	3	2	-	-	
1177	1.4	115050	2.8	17800	920	3	2	-	-	
1541	1.1	115050	2.2	17800	930	3	2	-	-	
2268	0.75	115050	1.5	17800	960	3	3	-	-	**K127R77** **AD4**
2607	0.65	115050	1.3	17800	960	3	3	-	-	
3009	0.56	115050	1.1	17800	960	3	3	-	-	
3311	0.51	115050	1.0	17800	970	3	3	-	-	
3889	0.44	115050	0.87	17800	970	3	3	-	-	
4423	0.38	115050	0.77	17800	970	3	3	-	-	
5804	0.29	115050	0.59	17800	970	3	3	-	-	

Weight [lbs]	Stages Large	Stages Small	AD1	AD2
K127R77	3	2	94	97
	3	3	95	97
KA127: -62 lbs / KAF127: +20 lbs / KF127: +93 lbs				

10.2.23 K127R87

K127R87 AD.. , n_e = 1700 rpm										115050 lb-in	
i [ratio]	n_a [rpm]	$T_{a\,max}$ [lb-in]	P_e [HP]	F_{Ra} [1)] [lb]	F_{Re} [lb]	Stages Lg	Stages Sm	ϕ (/R) [']	⚠		
367	4.6	115050	9.1	17800	210	3	2	-	-		
418	4.1	115050	8.0	17800	260	3	2	-	-	**K127R87**	**AD2**
473	3.6	115050	7.1	17800	290	3	2	-	-		
536	3.2	115050	6.2	17800	290	3	2	-	-		
166	10	106200	18.6	17920	320	3	2	-	-		
200	8.5	106200	15.4	17920	350	3	2	-	-		
213	8.0	115050	15.7	17800	360	3	2	-	-		
253	6.7	115050	13.2	17800	400	3	2	-	-		
287	5.9	115050	11.7	17800	420	3	2	-	-	**K127R87**	**AD3**
330	5.2	115050	10.1	17800	400	3	2	-	-		
367	4.6	115050	9.1	17800	410	3	2	-	-		
418	4.1	115050	8.0	17800	450	3	2	-	-		
473	3.6	115050	7.1	17800	480	3	2	-	-		
536	3.2	115050	6.2	17800	480	3	2	-	-		
147	12	106200	21	17920	720	3	2	-	-		
166	10	106200	18.6	17920	750	3	2	-	-		
200	8.5	106200	15.4	17920	770	3	2	-	-		
213	8.0	115050	15.7	17800	790	3	2	-	-		
253	6.7	115050	13.2	17800	820	3	2	-	-		
287	5.9	115050	11.7	17800	840	3	2	-	-	**K127R87**	**AD4**
330	5.2	115050	10.1	17800	820	3	2	-	-		
367	4.6	115050	9.1	17800	830	3	2	-	-		
418	4.1	115050	8.0	17800	870	3	2	-	-		
473	3.6	115050	7.1	17800	900	3	2	-	-		
536	3.2	115050	6.2	17800	890	3	2	-	-		
147	12	106200	21	17920	1390	3	2	-	-		
166	10	106200	18.6	17920	1420	3	2	-	-		
200	8.5	106200	15.4	17920	1440	3	2	-	-		
213	8.0	115050	15.7	17800	1450	3	2	-	-		
253	6.7	115050	13.2	17800	1490	3	2	-	-	**K127R87**	**AD5**
287	5.9	115050	11.7	17800	1500	3	2	-	-		
330	5.2	115050	10.1	17800	1490	3	2	-	-		
367	4.6	115050	9.1	17800	1490	3	2	-	-		
418	4.1	115050	8.0	17800	1530	3	2	-	-		

Weight [lbs]	Stages Large	Stages Small	AD2	AD3	AD4	AD5
K127R87	3	2	1074	1083	1097	1129
KA127: -62 lbs / KAF127: +20 lbs / KF127: +93 lbs						

10.2.24 K157

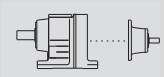
K157 AD.. , n_e = 1700 rpm										159300 lb-in
i [ratio]	n_a [rpm]	$T_{a\,max}$ [lb-in]	P_e [HP]	F_{Ra} [1)] [lb]	F_{Re} [lb]	Stages Lg	Stages Sm	ϕ (/R) [']	⚠	
61.02	28	159300	74	16260	880	3	-	5	M1-6	
70.38	24	159300	64	17360	910	3	-	5	M1-6	
79.75	21	159300	56	18360	940	3	-	5	M1-6	
91.65	19	159300	49	19520	970	3	-	5	M2	**K157** **AD5**
100.22	17	159300	45	20290	990	3	-	5	-	
122.39	14	159300	37	22090	1030	3	-	5	-	
150.41	11	159300	30	24070	1060	3	-	5	-	
54.29	31	159300	83	15390	1470	3	-	5	M1-6	
61.02	28	159300	74	16260	1500	3	-	5	M1-6	
70.38	24	159300	64	17360	1530	3	-	5	M1-6	
79.75	21	159300	56	18360	1560	3	-	5	M1-6	**K157** **AD6**
91.65	19	159300	49	19520	1590	3	-	5	M2	
100.22	17	159300	45	20290	1600	3	-	5	-	
122.39	14	159300	37	22090	1640	3	-	5	-	
38.02	45	159300	118	12930	3500	3	-	5	M1-6	
46.79	36	159300	96	14330	3580	3	-	5	M1-6	
54.29	31	159300	83	15390	3610	3	-	5	M1-6	
61.02	28	159300	74	16260	3640	3	-	5	M1-6	**K157** **AD7**
70.38	24	159300	64	17360	3670	3	-	5	M1-6	
79.75	21	159300	56	18360	3690	3	-	5	M1-6	
91.65	19	159300	49	19520	3720	3	-	5	M2	
100.22	17	159300	45	20290	3730	3	-	5	-	
12.65	134	150450	336	7300	4420	3	-	6	M1-6	
14.92	114	159300	301	7600	4470	3	-	6	M1-6	
18.37	93	159300	245	8660	4640	3	-	6	M1-6	
21.31	80	159300	211	9460	4720	3	-	6	M1-6	
23.95	71	159300	188	10110	4790	3	-	6	M1-6	
27.62	62	141600	145	11930	5030	3	-	6	M1-6	
31.30	54	156650	141	11850	4940	3	-	6	M1-6	**K157** **AD8**
38.02	45	159300	118	12930	5620	3	-	5	M1-6	
46.79	36	159300	96	14330	5690	3	-	5	M1-6	
54.29	31	159300	83	15390	5730	3	-	5	M1-6	
61.02	28	159300	74	16260	5750	3	-	5	M1-6	
70.38	24	159300	64	17360	5780	3	-	5	M1-6	
79.75	21	159300	56	18360	5810	3	-	5	M1-6	

Weight [lbs]	Stages Large	Stages Small	AD5	AD6	AD7	AD8
K157	3	-	1508	1545	1532	1584
KA157: -81 lbs / KAF157: +48 lbs / KF157: +173 lbs						

10.2.25 K157R97

K157R97 AD.. , n_e = 1700 rpm										159300 lb-in	
i [ratio]	n_a [rpm]	$T_{a\,max}$ [lb-in]	P_e [HP]	F_{Ra} [1)] [lb]	F_{Re} [lb]	Stages Lg	Stages Sm	ϕ (/R) [']	⚠		
291	5.8	159300	15.9	25220	370	3	2	-	-		
333	5.1	159300	13.9	25220	380	3	2	-	-		
379	4.5	159300	12.2	25220	420	3	2	-	-		
434	3.9	159300	10.7	25220	430	3	2	-	-		
504	3.4	159300	9.2	25220	430	3	2	-	-		
567	3.0	159300	8.2	25220	440	3	2	-	-		
661	2.6	159300	7.0	25220	490	3	2	-	-		
756	2.2	159300	6.1	25220	490	3	2	-	-		
854	2.0	159300	5.4	25220	480	3	2	-	-		
942	1.8	159300	4.9	25220	490	3	2	-	-		
1093	1.6	159300	4.2	25220	500	3	2	-	-		
1229	1.4	159300	3.8	25220	510	3	2	-	-		
1365	1.2	159300	3.4	25220	510	3	2	-	-		
1659	1.0	159300	2.8	25220	520	3	2	-	-		
1805	0.94	159300	2.6	25220	540	3	3	-	-	**K157R97**	**AD3**
2029	0.84	159300	2.3	25220	550	3	3	-	-		
2322	0.73	159300	2.0	25220	550	3	3	-	-		
2610	0.65	159300	1.8	25220	550	3	3	-	-		
3051	0.56	159300	1.5	25220	550	3	3	-	-		
3516	0.48	159300	1.3	25220	560	3	3	-	-		
3979	0.43	159300	1.2	25220	560	3	3	-	-		
4514	0.38	159300	1.0	25220	570	3	3	-	-		
5074	0.34	159300	0.93	25220	570	3	3	-	-		
5931	0.29	159300	0.79	25220	570	3	3	-	-		
6881	0.25	159300	0.68	25220	570	3	3	-	-		
7734	0.22	159300	0.61	25220	570	3	3	-	-		
8718	0.19	159300	0.54	25220	570	3	3	-	-		
10114	0.17	159300	0.47	25220	570	3	3	-	-		
11368	0.15	159300	0.41	25220	570	3	3	-	-		
291	5.8	159300	15.9	25220	790	3	2	-	-		
333	5.1	159300	13.9	25220	800	3	2	-	-		
379	4.5	159300	12.2	25220	840	3	2	-	-		
434	3.9	159300	10.7	25220	840	3	2	-	-		
504	3.4	159300	9.2	25220	840	3	2	-	-		
567	3.0	159300	8.2	25220	860	3	2	-	-		
661	2.6	159300	7.0	25220	900	3	2	-	-		
756	2.2	159300	6.1	25220	900	3	2	-	-		
854	2.0	159300	5.4	25220	890	3	2	-	-		
942	1.8	159300	4.9	25220	900	3	2	-	-		
1093	1.6	159300	4.2	25220	910	3	2	-	-		
1229	1.4	159300	3.8	25220	920	3	2	-	-		
1365	1.2	159300	3.4	25220	920	3	2	-	-	**K157R97**	**AD4**
1659	1.0	159300	2.8	25220	930	3	2	-	-		
1805	0.94	159300	2.6	25220	950	3	3	-	-		
2029	0.84	159300	2.3	25220	950	3	3	-	-		
2322	0.73	159300	2.0	25220	950	3	3	-	-		
2610	0.65	159300	1.8	25220	950	3	3	-	-		
3051	0.56	159300	1.5	25220	950	3	3	-	-		
3516	0.48	159300	1.3	25220	960	3	3	-	-		
3979	0.43	159300	1.2	25220	960	3	3	-	-		
4514	0.38	159300	1.0	25220	970	3	3	-	-		
5074	0.34	159300	0.93	25220	970	3	3	-	-		
5931	0.29	159300	0.79	25220	970	3	3	-	-		
6881	0.25	159300	0.68	25220	970	3	3	-	-		
7734	0.22	159300	0.61	25220	970	3	3	-	-		

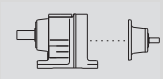
K157R97 AD.. , n_e = 1700 rpm — 159300 lb-in

i [ratio]	n_a [rpm]	$T_{a\,max}$ [lb-in]	P_e [HP]	F_{Ra} [1)] [lb]	F_{Re} [lb]	Stages Lg	Stages Sm	ϕ (/R) [']	⚠		
291	5.8	159300	15.9	25220	1460	3	2	-	-		
333	5.1	159300	13.9	25220	1470	3	2	-	-		
379	4.5	159300	12.2	25220	1510	3	2	-	-		
434	3.9	159300	10.7	25220	1510	3	2	-	-		
504	3.4	159300	9.2	25220	1510	3	2	-	-		
567	3.0	159300	8.2	25220	1530	3	2	-	-		
661	2.6	159300	7.0	25220	1570	3	2	-	-		
756	2.2	159300	6.1	25220	1570	3	2	-	-		
854	2.0	159300	5.4	25220	1560	3	2	-	-		
942	1.8	159300	4.9	25220	1560	3	2	-	-	**K157R97**	**AD5**
1093	1.6	159300	4.2	25220	1570	3	2	-	-		
1229	1.4	159300	3.8	25220	1580	3	2	-	-		
1365	1.2	159300	3.4	25220	1580	3	2	-	-		
1805	0.94	159300	2.6	25220	1610	3	3	-	-		
2029	0.84	159300	2.3	25220	1620	3	3	-	-		
2322	0.73	159300	2.0	25220	1610	3	3	-	-		
2610	0.65	159300	1.8	25220	1620	3	3	-	-		
3516	0.48	159300	1.3	25220	1620	3	3	-	-		
4514	0.38	159300	1.0	25220	1630	3	3	-	-		
5074	0.34	159300	0.93	25220	1630	3	3	-	-		
291	5.8	159300	15.9	25220	2050	3	2	-	-		
333	5.1	159300	13.9	25220	2060	3	2	-	-		
379	4.5	159300	12.2	25220	2090	3	2	-	-		
434	3.9	159300	10.7	25220	2100	3	2	-	-		
504	3.4	159300	9.2	25220	2090	3	2	-	-		
567	3.0	159300	8.2	25220	2110	3	2	-	-		
661	2.6	159300	7.0	25220	2150	3	2	-	-		
756	2.2	159300	6.1	25220	2150	3	2	-	-		
854	2.0	159300	5.4	25220	2140	3	2	-	-		
942	1.8	159300	4.9	25220	2140	3	2	-	-	**K157R97**	**AD6**
1093	1.6	159300	4.2	25220	2150	3	2	-	-		
1229	1.4	159300	3.8	25220	2160	3	2	-	-		
1805	0.94	159300	2.6	25220	2190	3	3	-	-		
2029	0.84	159300	2.3	25220	2190	3	3	-	-		
2322	0.73	159300	2.0	25220	2190	3	3	-	-		
2610	0.65	159300	1.8	25220	2200	3	3	-	-		
3516	0.48	159300	1.3	25220	2200	3	3	-	-		
4514	0.38	159300	1.0	25220	2210	3	3	-	-		
5074	0.34	159300	0.93	25220	2210	3	3	-	-		

Weight [lbs]	Stages Large	Stages Small	AD3	AD4	AD5	AD6
K157R97	3	2	1733	1744	1781	1811
	3	3	1739	1751	1787	1817

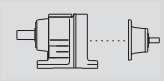
KA157: -81 lbs / KAF157: +48 lbs / KF157: +173 lbs

10.2.26 K157R107

K157R107 AD.. , n_e = 1700 rpm											159300 lb-in
i [ratio]	n_a [rpm]	$T_{a\,max}$ [lb-in]	P_e [HP]	F_{Ra} [1)] [lb]	F_{Re} [lb]	Stages Lg	Stages Sm	ϕ (/R) [']	⚠		
253	6.7	159300	18.3	25220	360	3	2	-	-	**K157R107**	**AD3**
299	5.7	159300	15.5	25220	380	3	2	-	-		
385	4.4	159300	12.0	25220	450	3	2	-	-		
107	16	159300	43	20870	550	3	2	-	-		
122	14	159300	38	22090	580	3	2	-	-		
157	11	159300	30	24510	720	3	2	-	-		
187	9.1	159300	25	25220	760	3	2	-	-		
213	8.0	159300	22	25220	750	3	2	-	-	**K157R107**	**AD4**
230	7.4	159300	20	25220	800	3	2	-	-		
253	6.7	159300	18.3	25220	790	3	2	-	-		
299	5.7	159300	15.5	25220	800	3	2	-	-		
325	5.2	159300	14.3	25220	850	3	2	-	-		
385	4.4	159300	12.0	25220	860	3	2	-	-		
107	16	159300	43	20870	1240	3	2	-	-		
122	14	159300	38	22090	1260	3	2	-	-		
157	11	159300	30	24510	1390	3	2	-	-		
187	9.1	159300	25	25220	1430	3	2	-	-		
213	8.0	159300	22	25220	1420	3	2	-	-	**K157R107**	**AD5**
230	7.4	159300	20	25220	1470	3	2	-	-		
253	6.7	159300	18.3	25220	1460	3	2	-	-		
299	5.7	159300	15.5	25220	1470	3	2	-	-		
325	5.2	159300	14.3	25220	1520	3	2	-	-		
385	4.4	159300	12.0	25220	1530	3	2	-	-		
107	16	159300	43	20870	1840	3	2	-	-		
122	14	159300	38	22090	1860	3	2	-	-		
157	11	159300	30	24510	1980	3	2	-	-		
187	9.1	159300	25	25220	2020	3	2	-	-		
213	8.0	159300	22	25220	2010	3	2	-	-	**K157R107**	**AD6**
230	7.4	159300	20	25220	2060	3	2	-	-		
253	6.7	159300	18.3	25220	2040	3	2	-	-		
299	5.7	159300	15.5	25220	2060	3	2	-	-		
325	5.2	159300	14.3	25220	2110	3	2	-	-		
385	4.4	159300	12.0	25220	2110	3	2	-	-		

Weight [lbs]	Stages Large	Stages Small	AD3	AD4	AD5	AD6
K157R107	3	2	1837	1851	1881	1911
KA157: -81 lbs / KAF157: +48 lbs / KF157: +173 lbs						

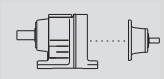
10.2.27 K167

K167 AD.. , n_e = 1700 rpm											283200 lb-in
i [ratio]	n_a [rpm]	$T_{a\,max}$ [lb-in]	P_e [HP]	F_{Ra} [1)] [lb]	F_{Re} [lb]	Stages Lg	Stages Sm	ϕ (/R) [']	⚠		
134.99	13	253110	53	33720	470	3	-	5	-	**K167**	**AD5**
164.50	10	261080	45	33720	460	3	-	4	-		
87.86	19	281430	90	30550	840	3	-	5	M1-6	**K167**	**AD6**
109.83	15	283200	73	33490	950	3	-	5	-		
134.99	13	283200	59	33720	1050	3	-	5	-		
60.74	28	283200	132	25890	2010	3	-	5	M1-6	**K167**	**AD7**
68.07	25	283200	117	27260	2190	3	-	5	M1-6		
78.14	22	283200	102	28960	2380	3	-	5	M1-6		
87.86	19	283200	91	30470	2500	3	-	5	M1-6		
109.83	15	283200	73	33490	2750	3	-	5	-		
17.34	98	248690	405	15250	3920	3	-	5	M1-6	**K167**	**AD8**
20.32	84	274350	381	15370	3850	3	-	5	M1-6		
24.52	69	283200	326	16590	3960	3	-	5	M1-6		
28.77	59	222140	218	20890	4590	3	-	5	M1-6		
32.25	53	248690	218	20740	4450	3	-	5	M1-6		
36.61	46	283200	218	20390	5040	3	-	5	M1-6		
42.89	40	283200	186	22020	5130	3	-	5	M1-6		
51.77	33	283200	154	24070	5220	3	-	5	M1-6		
60.74	28	283200	132	25890	5290	3	-	5	M1-6		
68.07	25	283200	117	27260	5330	3	-	5	M1-6		
78.14	22	283200	102	28960	5380	3	-	5	M1-6		
87.86	19	283200	91	30470	5400	3	-	5	M1-6		

Weight [lbs]	Stages Large	Stages Small	AD5	AD6	AD7	AD8
K167	3	-	2377	2414	2401	2453
KH167: -84 lbs						

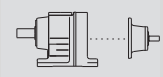
10.2.28 K167R97

K167R97 AD.. , n_e = 1700 rpm										283200 lb-in	
i [ratio]	n_a [rpm]	$T_{a\,max}$ [lb-in]	P_e [HP]	F_{Ra} [1)] [lb]	F_{Re} [lb]	Stages Lg	Stages Sm	ϕ (/R) [']	⚠		
561	3.0	283200	14.7	33720	380	3	2	-	-		
632	2.7	283200	13.0	33720	360	3	2	-	-		
757	2.2	283200	10.9	33720	410	3	2	-	-		
843	2.0	283200	9.8	33720	440	3	2	-	-		
944	1.8	283200	8.7	33720	420	3	2	-	-		
1101	1.5	283200	7.5	33720	460	3	2	-	-		
1296	1.3	283200	6.4	33720	440	3	2	-	-		
1408	1.2	283200	5.9	33720	440	3	2	-	-		
1704	1.0	283200	4.8	33720	470	3	2	-	-		
2182	0.78	283200	3.8	33720	480	3	2	-	-	**K167R97**	**AD3**
2263	0.75	283200	3.7	33720	530	3	3	-	-		
2755	0.62	283200	3.0	33720	520	3	3	-	-		
3376	0.50	283200	2.5	33720	530	3	3	-	-		
4079	0.42	283200	2.1	33720	540	3	3	-	-		
4788	0.36	283200	1.7	33720	550	3	3	-	-		
5355	0.32	283200	1.6	33720	550	3	3	-	-		
6562	0.26	283200	1.3	33720	550	3	3	-	-		
8628	0.20	283200	0.97	33720	560	3	3	-	-		
10264	0.17	283200	0.81	33720	560	3	3	-	-		
11573	0.15	283200	0.72	33720	560	3	3	-	-		
369	4.6	283200	22	33720	690	3	2	-	-		
423	4.0	283200	19.5	33720	750	3	2	-	-		
481	3.5	283200	17.1	33720	720	3	2	-	-		
561	3.0	283200	14.7	33720	810	3	2	-	-		
632	2.7	283200	13.0	33720	790	3	2	-	-		
757	2.2	283200	10.9	33720	830	3	2	-	-		
843	2.0	283200	9.8	33720	860	3	2	-	-		
944	1.8	283200	8.7	33720	840	3	2	-	-		
1101	1.5	283200	7.5	33720	870	3	2	-	-		
1296	1.3	283200	6.4	33720	850	3	2	-	-		
1408	1.2	283200	5.9	33720	860	3	2	-	-	**K167R97**	**AD4**
1704	1.0	283200	4.8	33720	880	3	2	-	-		
2182	0.78	283200	3.8	33720	890	3	2	-	-		
2263	0.75	283200	3.7	33720	930	3	3	-	-		
2755	0.62	283200	3.0	33720	930	3	3	-	-		
3376	0.50	283200	2.5	33720	930	3	3	-	-		
4079	0.42	283200	2.1	33720	940	3	3	-	-		
4788	0.36	283200	1.7	33720	950	3	3	-	-		
5355	0.32	283200	1.6	33720	960	3	3	-	-		
6562	0.26	283200	1.3	33720	960	3	3	-	-		
8628	0.20	283200	0.97	33720	970	3	3	-	-		
10264	0.17	283200	0.81	33720	970	3	3	-	-		
369	4.6	283200	22	33720	1370	3	2	-	-		
423	4.0	283200	19.5	33720	1420	3	2	-	-		
481	3.5	283200	17.1	33720	1390	3	2	-	-		
561	3.0	283200	14.7	33720	1480	3	2	-	-		
632	2.7	283200	13.0	33720	1450	3	2	-	-		
757	2.2	283200	10.9	33720	1500	3	2	-	-		
843	2.0	283200	9.8	33720	1520	3	2	-	-		
944	1.8	283200	8.7	33720	1510	3	2	-	-	**K167R97**	**AD5**
1101	1.5	283200	7.5	33720	1540	3	2	-	-		
1296	1.3	283200	6.4	33720	1520	3	2	-	-		
1704	1.0	283200	4.8	33720	1550	3	2	-	-		
2263	0.75	283200	3.7	33720	1600	3	3	-	-		
2755	0.62	283200	3.0	33720	1590	3	3	-	-		
4079	0.42	283200	2.1	33720	1610	3	3	-	-		
4788	0.36	283200	1.7	33720	1620	3	3	-	-		
5355	0.32	283200	1.6	33720	1620	3	3	-	-		

K167R97 AD.. , n_e = 1700 rpm										283200 lb-in
i [ratio]	n_a [rpm]	$T_{a\ max}$ [lb-in]	P_e [HP]	F_{Ra} [1)] [lb]	F_{Re} [lb]	Stages Lg	Stages Sm	ϕ (/R) [']	⚠	
369	4.6	283200	22	33720	1960	3	2	-	-	
423	4.0	283200	19.5	33720	2010	3	2	-	-	
481	3.5	283200	17.1	33720	1980	3	2	-	-	
561	3.0	283200	14.7	33720	2060	3	2	-	-	
632	2.7	283200	13.0	33720	2040	3	2	-	-	
757	2.2	283200	10.9	33720	2080	3	2	-	-	**K167R97** **AD6**
843	2.0	283200	9.8	33720	2110	3	2	-	-	
944	1.8	283200	8.7	33720	2090	3	2	-	-	
1101	1.5	283200	7.5	33720	2120	3	2	-	-	
2263	0.75	283200	3.7	33720	2170	3	3	-	-	
4788	0.36	283200	1.7	33720	2190	3	3	-	-	

Weight [lbs]	Stages Large	Stages Small	AD3	AD4	AD5	AD6
K167R97	3	2	2601	2613	2649	2679
	3	3	2608	2619	2656	2686
KH167: -84 lbs						

10.2.29 K167R107

K167R107 AD.. , n_e = 1700 rpm										283200 lb-in	
i [ratio]	n_a [rpm]	$T_{a\,max}$ [lb-in]	P_e [HP]	F_{Ra} [1)] [lb]	F_{Re} [lb]	Stages Lg	Stages Sm	ϕ (/R) [']	⚠		
180	9.4	279660	45	33720	570	3	2	-	-		
206	8.3	283200	40	33720	590	3	2	-	-		
213	8.0	283200	39	33720	600	3	2	-	-	**K167R107**	**AD4**
244	7.0	283200	34	33720	620	3	2	-	-		
278	6.1	283200	30	33720	640	3	2	-	-		
318	5.3	283200	26	33720	660	3	2	-	-		
118	14	283200	70	33720	990	3	2	-	-		
135	13	283200	61	33720	1030	3	2	-	-		
160	11	283200	51	33720	1070	3	2	-	-		
180	9.4	283200	46	33720	1250	3	2	-	-		
206	8.3	283200	40	33720	1270	3	2	-	-	**K167R107**	**AD5**
213	8.0	283200	39	33720	1280	3	2	-	-		
244	7.0	283200	34	33720	1300	3	2	-	-		
278	6.1	283200	30	33720	1310	3	2	-	-		
318	5.3	283200	26	33720	1330	3	2	-	-		
118	14	283200	70	33720	1610	3	2	-	-		
135	13	283200	61	33720	1640	3	2	-	-		
160	11	283200	51	33720	1680	3	2	-	-		
180	9.4	283200	46	33720	1850	3	2	-	-		
206	8.3	283200	40	33720	1870	3	2	-	-	**K167R107**	**AD6**
213	8.0	283200	39	33720	1880	3	2	-	-		
244	7.0	283200	34	33720	1900	3	2	-	-		
278	6.1	283200	30	33720	1910	3	2	-	-		
318	5.3	283200	26	33720	1920	3	2	-	-		

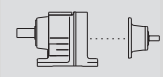
Weight [lbs]	Stages Large	Stages Small	AD4	AD5	AD6
K167R107	3	2	2720	2750	2780
KH167: -84 lbs					

10.2.30 K187

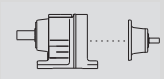
K187 AD.. , n_e = 1700 rpm										442500 lb-in	
i [ratio]	n_a [rpm]	$T_{a\,max}$ [lb-in]	P_e [HP]	F_{Ra} [lb] 1)	F_{Re} [lb]	Stages Lg	Stages Sm	ϕ (/R) [']	⚠		
144.59	12	442500	86	38490	980	3	-	4	-		
165.21	10	442500	76	40780	1050	3	-	4	-	**K187**	**AD6**
179.86	9.5	442500	69	42280	1090	3	-	4	-		
88.00	19	438960	141	30900	2300	3	-	4	M1-6		
102.16	17	442500	122	32970	2460	3	-	4	M1-6		
112.60	15	442500	111	34460	2550	3	-	4	M1-6		
129.69	13	442500	96	36700	2730	3	-	4	M2-6	**K187**	**AD7**
144.59	12	442500	86	38490	2820	3	-	4	-		
165.21	10	442500	76	40780	2950	3	-	4	-		
179.86	9.5	442500	69	42280	3020	3	-	4	-		
17.18	99	283200	465	18370	4040	3	-	4	M1-6		
20.15	84	288510	404	19600	4170	3	-	4	M1-6		
24.18	70	346040	404	19080	3960	3	-	4	M1-6		
27.92	61	383210	387	19070	3850	3	-	4	M1-6		
33.23	51	410640	349	19810	3830	3	-	4	M1-6		
38.57	44	354000	259	23690	4280	3	-	4	M1-6		
42.51	40	354000	235	24800	4330	3	-	4	M1-6		
45.50	37	442500	274	22120	4980	3	-	4	M1-6	**K187**	**AD8**
53.36	32	442500	234	24050	5090	3	-	4	M1-6		
64.04	27	442500	195	26380	5200	3	-	4	M1-6		
73.96	23	442500	169	28310	5260	3	-	4	M1-6		
88.00	19	442500	142	30760	5330	3	-	4	M1-6		
102.16	17	442500	122	32970	5380	3	-	4	M1-6		
112.60	15	442500	111	34460	5400	3	-	4	M1-6		
129.69	13	442500	96	36700	5450	3	-	4	M2-6		
144.59	12	442500	86	38490	5480	3	-	4	-		

Weight [lbs]	Stages Large	Stages Small	AD6	AD7	AD8
K187	3	-	3697	3684	3736
KH187: -150 lbs					

10.2.31 K187R97

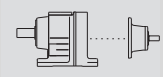
K187R97 AD.. , n_e = 1700 rpm										442500 lb-in	
i [ratio]	n_a [rpm]	$T_{a\,max}$ [lb-in]	P_e [HP]	F_{Ra} [1)] [lb]	F_{Re} [lb]	Stages Lg	Stages Sm	ϕ (/R) [']	⚠		
738	2.3	442500	17.4	42710	300	3	2	-	-		
945	1.8	442500	13.6	42710	370	3	2	-	-		
1046	1.6	442500	12.3	42710	370	3	2	-	-		
1196	1.4	442500	10.8	42710	400	3	2	-	-		
1395	1.2	442500	9.2	42710	450	3	2	-	-		
1605	1.1	442500	8.0	42710	440	3	2	-	-		
1821	0.93	442500	7.1	42710	460	3	2	-	-		
2054	0.83	442500	6.3	42710	470	3	2	-	-		
2268	0.75	442500	5.7	42710	470	3	2	-	-		
2519	0.67	442500	5.1	42710	480	3	2	-	-		
2818	0.60	442500	4.6	42710	520	3	3	-	-		
3062	0.56	442500	4.2	42710	480	3	2	-	-		
3609	0.47	442500	3.6	42710	490	3	2	-	-		
4370	0.39	442500	3.0	42710	530	3	3	-	-	**K187R97**	**AD3**
4817	0.35	442500	2.7	42710	540	3	3	-	-		
5358	0.32	442500	2.4	42710	540	3	3	-	-		
5991	0.28	442500	2.2	42710	540	3	3	-	-		
6747	0.25	442500	1.9	42710	540	3	3	-	-		
7343	0.23	442500	1.8	42710	540	3	3	-	-		
8126	0.21	442500	1.6	42710	560	3	3	-	-		
9363	0.18	442500	1.4	42710	560	3	3	-	-		
10413	0.16	442500	1.3	42710	560	3	3	-	-		
11647	0.15	442500	1.1	42710	560	3	3	-	-		
13116	0.13	442500	1.0	42710	560	3	3	-	-		
14272	0.12	442500	0.92	42710	560	3	3	-	-		
16978	0.10	442500	0.77	42710	560	3	3	-	-		
19144	0.09	442500	0.68	42710	560	3	3	-	-		
24353	0.07	442500	0.54	42710	560	3	3	-	-		
527	3.2	442500	24	42710	670	3	2	-	-		
621	2.7	442500	21	42710	690	3	2	-	-		
738	2.3	442500	17.4	42710	730	3	2	-	-		
945	1.8	442500	13.6	42710	790	3	2	-	-		
1046	1.6	442500	12.3	42710	800	3	2	-	-		
1196	1.4	442500	10.8	42710	820	3	2	-	-		
1395	1.2	442500	9.2	42710	860	3	2	-	-		
1605	1.1	442500	8.0	42710	850	3	2	-	-		
1821	0.93	442500	7.1	42710	880	3	2	-	-		
2054	0.83	442500	6.3	42710	880	3	2	-	-		
2268	0.75	442500	5.7	42710	880	3	2	-	-		
2519	0.67	442500	5.1	42710	890	3	2	-	-		
2818	0.60	442500	4.6	42710	920	3	3	-	-		
3062	0.56	442500	4.2	42710	890	3	2	-	-	**K187R97**	**AD4**
3609	0.47	442500	3.6	42710	900	3	2	-	-		
4370	0.39	442500	3.0	42710	940	3	3	-	-		
4817	0.35	442500	2.7	42710	940	3	3	-	-		
5358	0.32	442500	2.4	42710	940	3	3	-	-		
5991	0.28	442500	2.2	42710	940	3	3	-	-		
6747	0.25	442500	1.9	42710	950	3	3	-	-		
7343	0.23	442500	1.8	42710	950	3	3	-	-		
8126	0.21	442500	1.6	42710	960	3	3	-	-		
9363	0.18	442500	1.4	42710	960	3	3	-	-		
10413	0.16	442500	1.3	42710	960	3	3	-	-		
11647	0.15	442500	1.1	42710	960	3	3	-	-		
13116	0.13	442500	1.0	42710	960	3	3	-	-		
14272	0.12	442500	0.92	42710	970	3	3	-	-		
16978	0.10	442500	0.77	42710	970	3	3	-	-		

K187R97 AD.. , n_e = 1700 rpm — 442500 lb-in

i [ratio]	n_a [rpm]	$T_{a\,max}$ [lb-in]	P_e [HP]	F_{Ra} [1)] [lb]	F_{Re} [lb]	Stages Lg	Stages Sm	ϕ (/R) [']	⚠		
527	3.2	442500	24	42710	1340	3	2	-	-		
621	2.7	442500	21	42710	1360	3	2	-	-		
738	2.3	442500	17.4	42710	1410	3	2	-	-		
945	1.8	442500	13.6	42710	1460	3	2	-	-		
1046	1.6	442500	12.3	42710	1460	3	2	-	-		
1196	1.4	442500	10.8	42710	1490	3	2	-	-		
1395	1.2	442500	9.2	42710	1530	3	2	-	-		
1605	1.1	442500	8.0	42710	1520	3	2	-	-		
1821	0.93	442500	7.1	42710	1540	3	2	-	-		
2054	0.83	442500	6.3	42710	1550	3	2	-	-		
2268	0.75	442500	5.7	42710	1550	3	2	-	-		
2519	0.67	442500	5.1	42710	1550	3	2	-	-	**K187R97**	**AD5**
2818	0.60	442500	4.6	42710	1590	3	3	-	-		
4370	0.39	442500	3.0	42710	1600	3	3	-	-		
4817	0.35	442500	2.7	42710	1600	3	3	-	-		
5358	0.32	442500	2.4	42710	1610	3	3	-	-		
5991	0.28	442500	2.2	42710	1610	3	3	-	-		
6747	0.25	442500	1.9	42710	1610	3	3	-	-		
8126	0.21	442500	1.6	42710	1620	3	3	-	-		
9363	0.18	442500	1.4	42710	1630	3	3	-	-		
10413	0.16	442500	1.3	42710	1630	3	3	-	-		
11647	0.15	442500	1.1	42710	1630	3	3	-	-		
13116	0.13	442500	1.0	42710	1630	3	3	-	-		
527	3.2	442500	24	42710	1930	3	2	-	-		
621	2.7	442500	21	42710	1950	3	2	-	-		
738	2.3	442500	17.4	42710	2000	3	2	-	-		
945	1.8	442500	13.6	42710	2050	3	2	-	-		
1046	1.6	442500	12.3	42710	2050	3	2	-	-		
1196	1.4	442500	10.8	42710	2070	3	2	-	-		
1395	1.2	442500	9.2	42710	2110	3	2	-	-		
1605	1.1	442500	8.0	42710	2100	3	2	-	-		
1821	0.93	442500	7.1	42710	2120	3	2	-	-	**K187R97**	**AD6**
2054	0.83	442500	6.3	42710	2130	3	2	-	-		
2268	0.75	442500	5.7	42710	2130	3	2	-	-		
2818	0.60	442500	4.6	42710	2170	3	3	-	-		
4370	0.39	442500	3.0	42710	2180	3	3	-	-		
4817	0.35	442500	2.7	42710	2180	3	3	-	-		
5358	0.32	442500	2.4	42710	2180	3	3	-	-		
8126	0.21	442500	1.6	42710	2200	3	3	-	-		
9363	0.18	442500	1.4	42710	2200	3	3	-	-		
10413	0.16	442500	1.3	42710	2200	3	3	-	-		

Weight [lbs]	Stages Large	Stages Small	AD3	AD4	AD5	AD6
K187R97	3	2	3884	3896	3932	3962
	3	3	3891	3902	3939	3969
KH187: -150 lbs						

10.2.32 K187R107

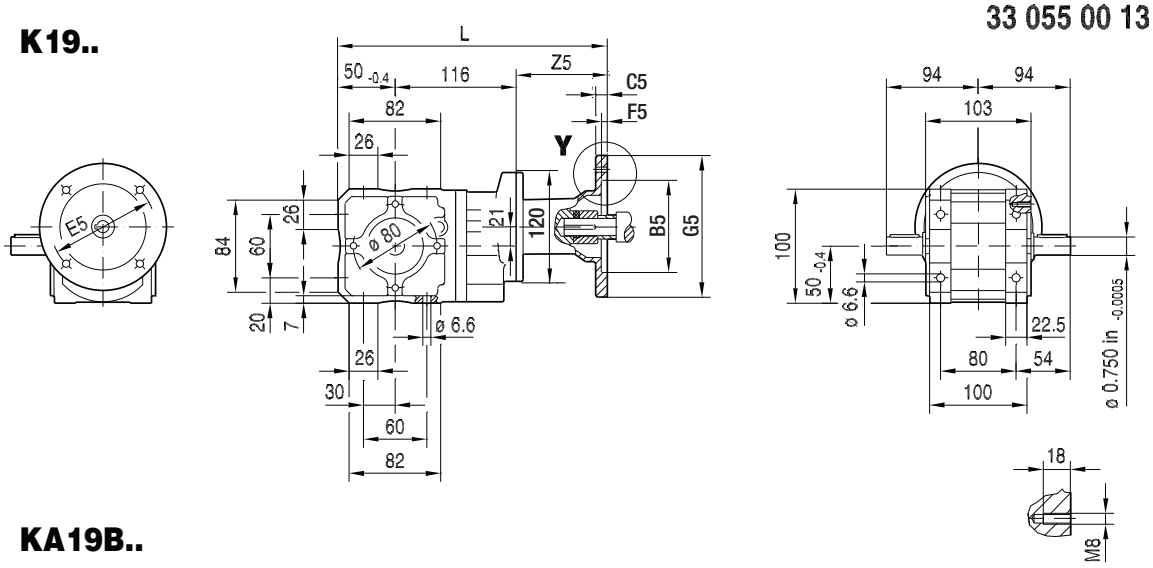
K187R107 AD.. , n_e = 1700 rpm											442500 lb-in
i [ratio]	n_a [rpm]	$T_{a\,max}$ [lb-in]	P_e [HP]	F_{Ra} [1)] [lb]	F_{Re} [lb]	Stages Lg	Stages Sm	ϕ (/R) [']	⚠		
729	2.3	442500	17.7	42710	350	3	2	-	-	**K187R107**	**AD3**
835	2.0	442500	15.4	42710	360	3	2	-	-		
163	10	253110	45	42710	580	3	2	-	-		
193	8.8	294710	44	42710	550	3	2	-	-		
221	7.7	325680	43	42710	530	3	2	-	-		
261	6.5	367280	41	42710	500	3	2	-	-		
355	4.8	442500	36	42710	600	3	2	-	-	**K187R107**	**AD4**
454	3.7	442500	28	42710	650	3	2	-	-		
520	3.3	442500	25	42710	670	3	2	-	-		
622	2.7	442500	21	42710	740	3	2	-	-		
729	2.3	442500	17.7	42710	780	3	2	-	-		
835	2.0	442500	15.4	42710	790	3	2	-	-		
163	10	424800	76	41300	1000	3	2	-	-		
193	8.8	442500	67	42710	1020	3	2	-	-		
221	7.7	442500	58	42710	1050	3	2	-	-		
261	6.5	442500	49	42710	1090	3	2	-	-		
355	4.8	442500	36	42710	1270	3	2	-	-	**K187R107**	**AD5**
454	3.7	442500	28	42710	1330	3	2	-	-		
520	3.3	442500	25	42710	1340	3	2	-	-		
622	2.7	442500	21	42710	1410	3	2	-	-		
729	2.3	442500	17.7	42710	1450	3	2	-	-		
835	2.0	442500	15.4	42710	1460	3	2	-	-		
163	10	442500	79	40610	1590	3	2	-	-		
193	8.8	442500	67	42710	1630	3	2	-	-		
221	7.7	442500	58	42710	1670	3	2	-	-		
261	6.5	442500	49	42710	1700	3	2	-	-		
355	4.8	442500	36	42710	1870	3	2	-	-	**K187R107**	**AD6**
454	3.7	442500	28	42710	1920	3	2	-	-		
520	3.3	442500	25	42710	1940	3	2	-	-		
622	2.7	442500	21	42710	2000	3	2	-	-		
729	2.3	442500	17.7	42710	2030	3	2	-	-		
835	2.0	442500	15.4	42710	2040	3	2	-	-		

Weight [lbs]	Stages Large	Stages Small	AD3	AD4	AD5	AD6
K187R107	3	2	3989	4003	4033	4063
KH187: -150 lbs						

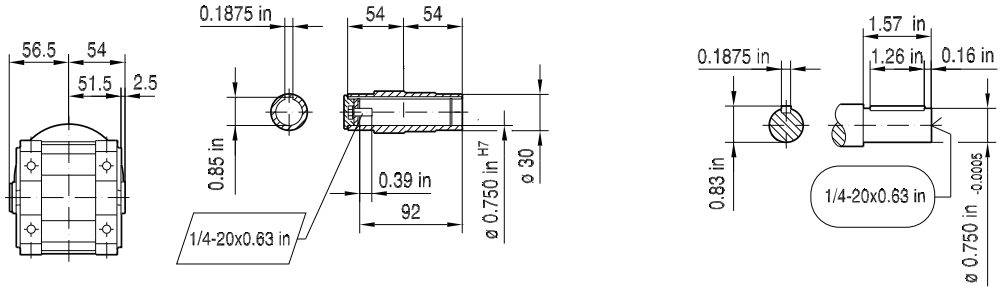
10.3 K.. AM.. [NEMA dimensions]

33 055 00 13

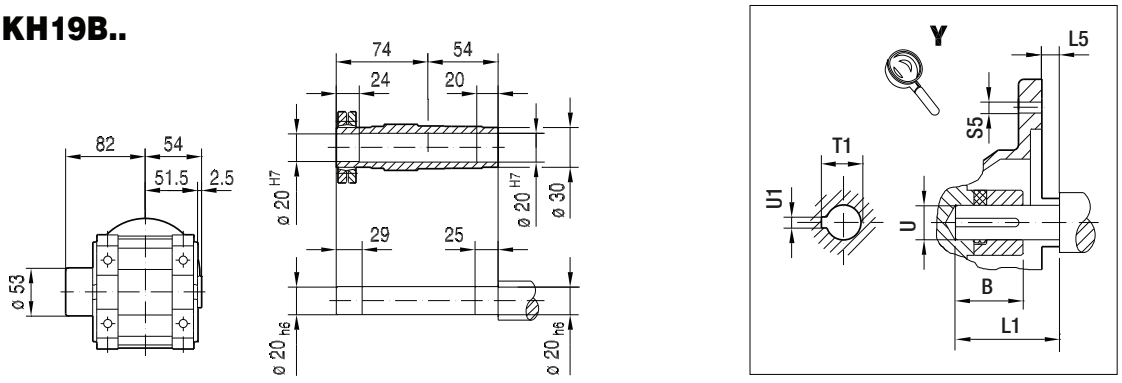
K19..



KA19B..



KH19B..

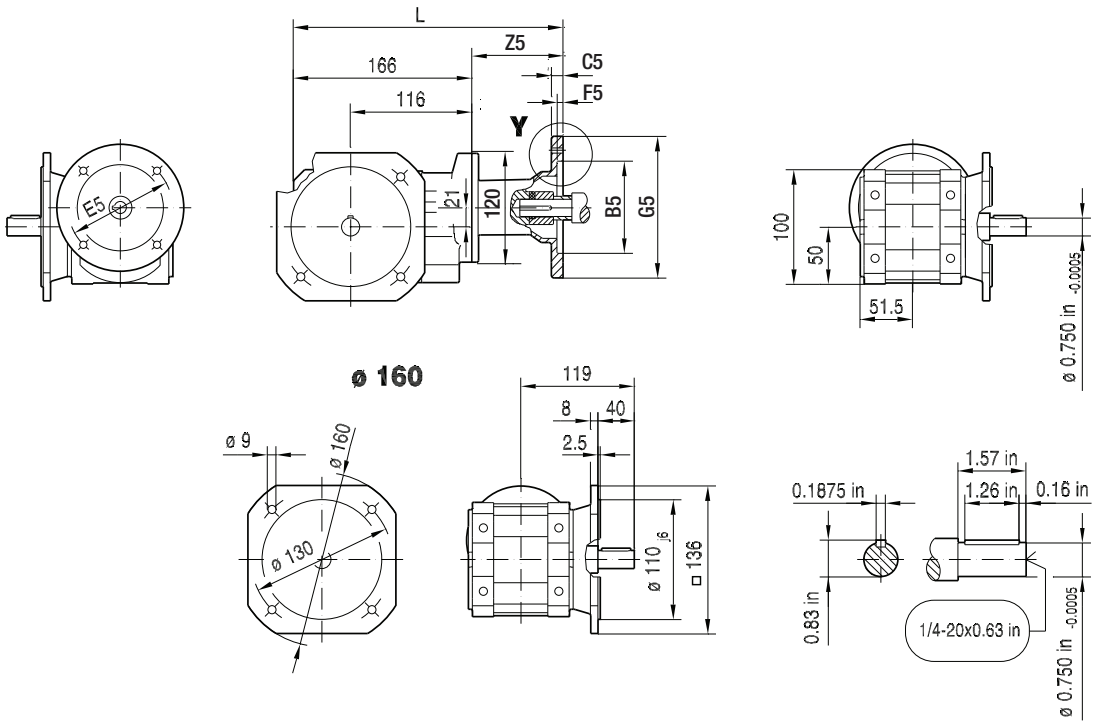


(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM56	1.23 in	4.50 in	11	5.875 in	4.5	170	260	1.88 in	-0.18 in	10.5	0.71 in	0.625 in	0.188 in	93.5
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	283	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	117
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	283	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	117

Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 573.

33 056 00 13

KF19..



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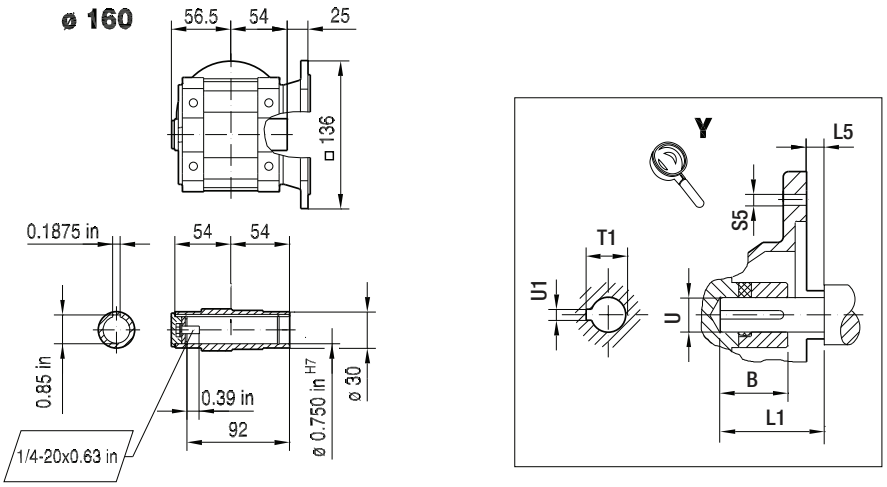
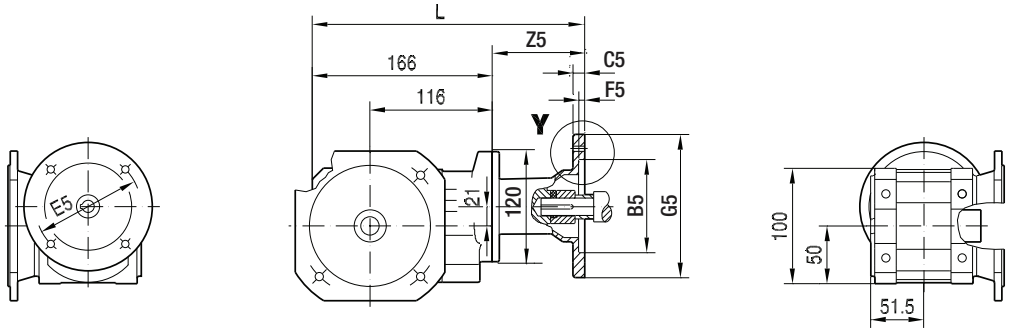


(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM56	1.23 in	4.50 in	11	5.875 in	4.5	170	260	1.88 in	-0.18 in	10.5	0.71 in	0.625 in	0.188 in	93.5
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	283	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	117
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	283	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	117

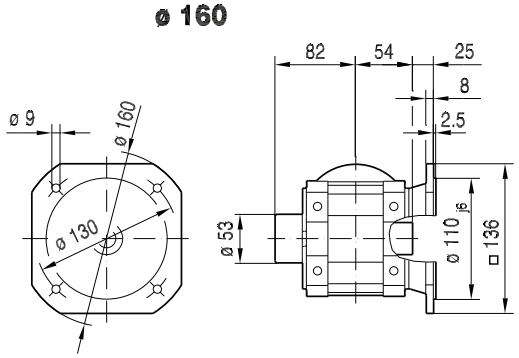
Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 573.

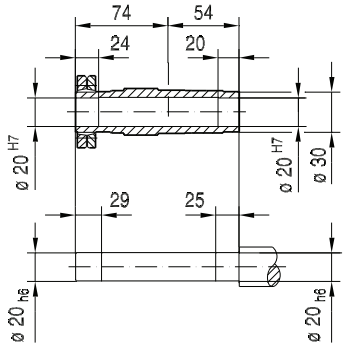
KHF19..

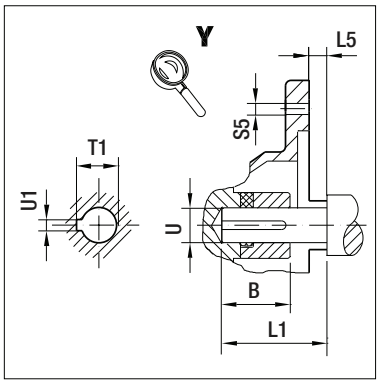
33 057 00 13



ø 160



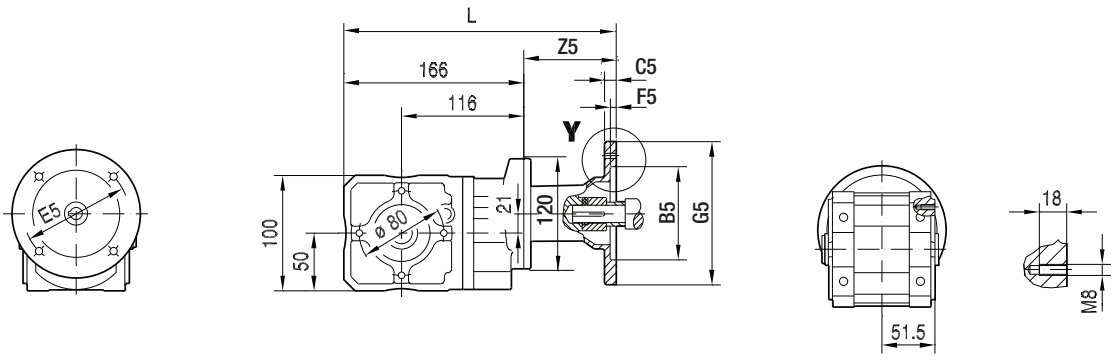




(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM56	1.23 in	4.50 in	11	5.875 in	4.5	170	260	1.88 in	-0.18 in	10.5	0.71 in	0.625 in	0.188 in	93.5
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	283	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	117
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	283	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	117

33 058 00 13

KA19..



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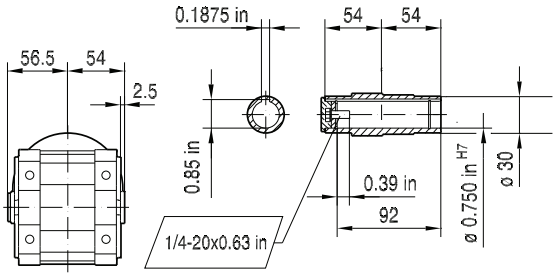

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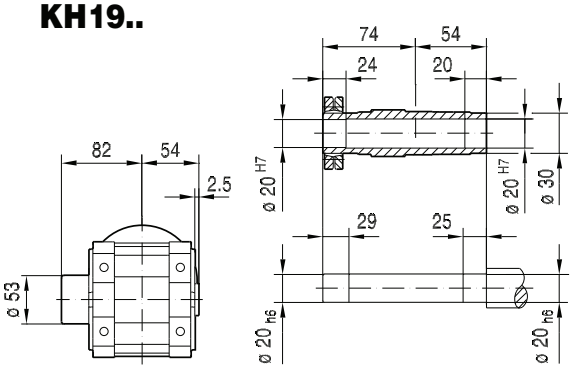
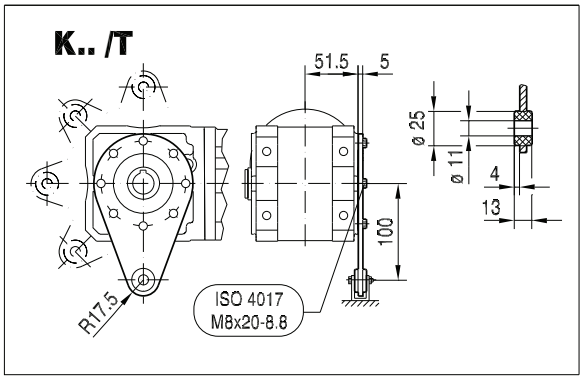
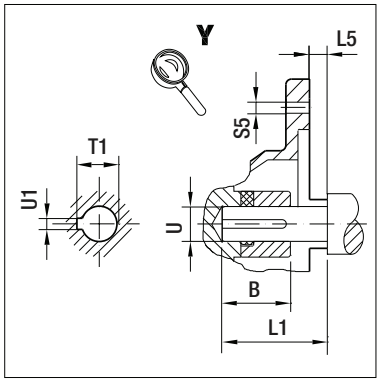




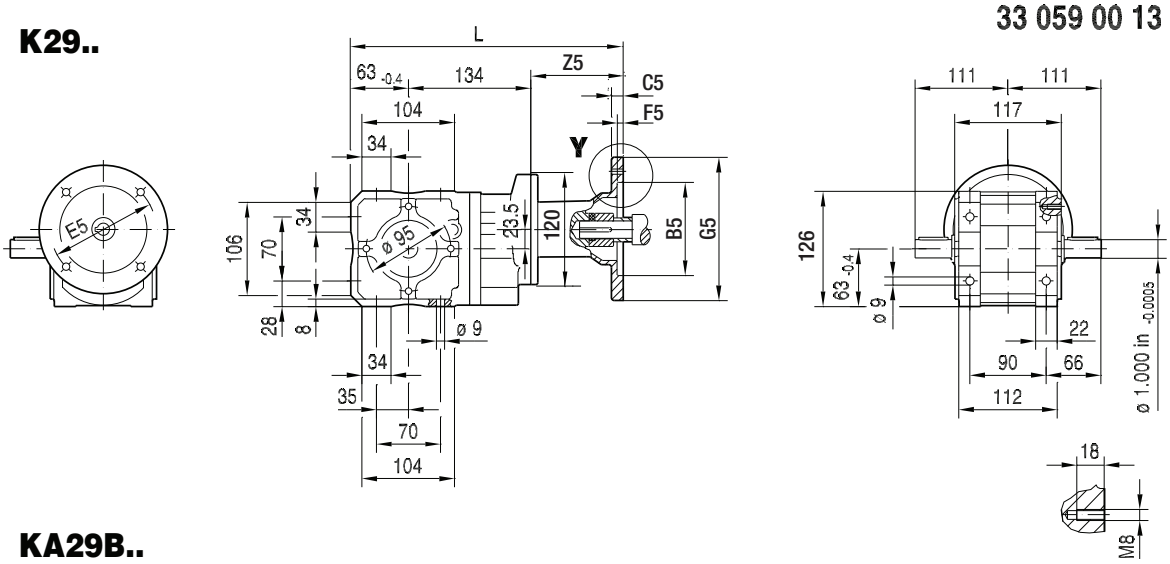


(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM56	1.23 in	4.50 in	11	5.875 in	4.5	170	260	1.88 in	-0.18 in	10.5	0.71 in	0.625 in	0.188 in	93.5
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	283	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	117
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	283	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	117

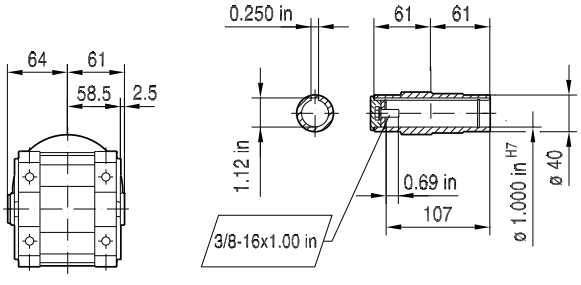
Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 575.

K29..

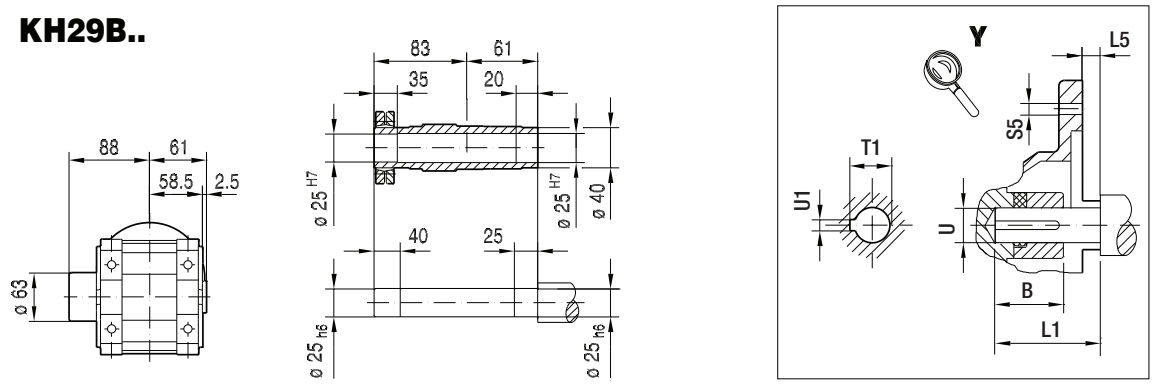
33 059 00 13



KA29B..



KH29B..

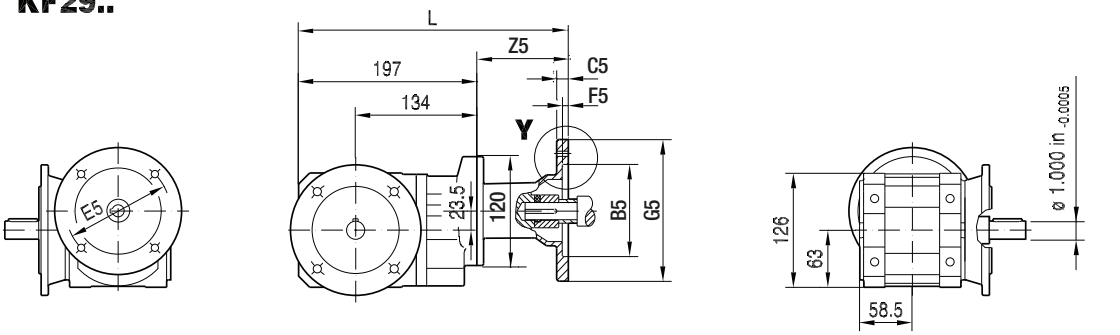


(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM56	1.23 in	4.50 in	11	5.875 in	4.5	170	291	1.88 in	-0.18 in	10.5	0.71 in	0.625 in	0.188 in	93.5
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	314	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	117
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	314	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	117

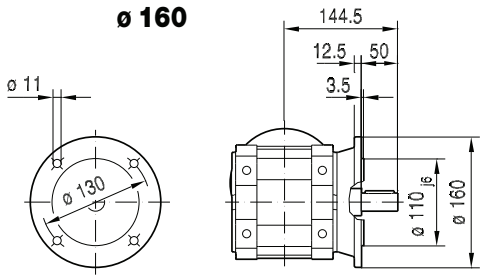
Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 573.

33 060 00 13

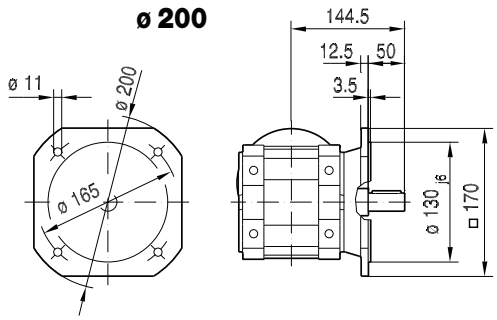
KF29..



ø 160

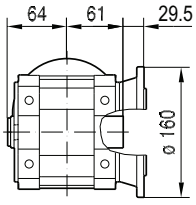


ø 200

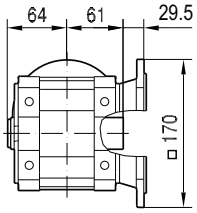


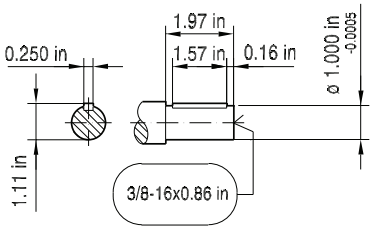
KAF29..

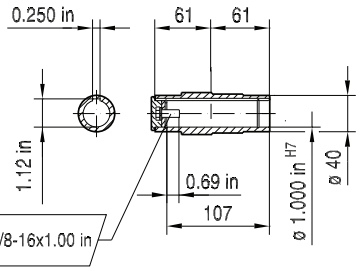
ø 160

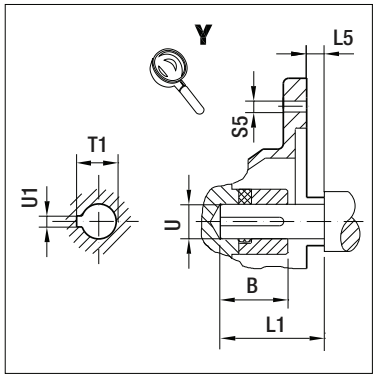


ø 200







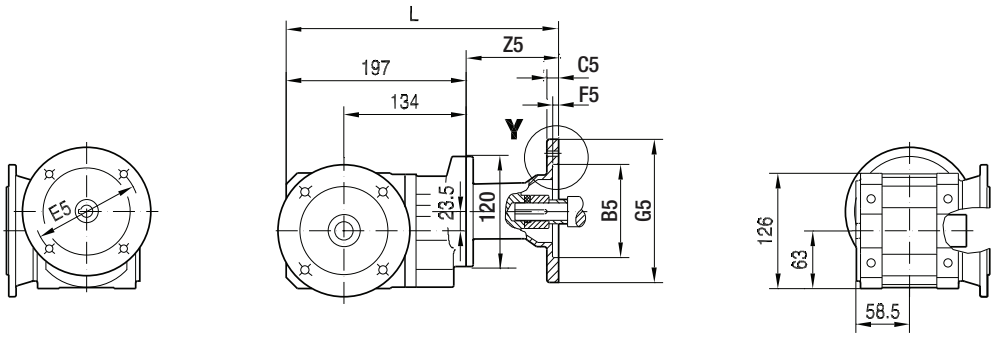


(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM56	1.23 in	4.50 in	11	5.875 in	4.5	170	291	1.88 in	-0.18 in	10.5	0.71 in	0.625 in	0.188 in	93.5
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	314	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	117
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	314	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	117

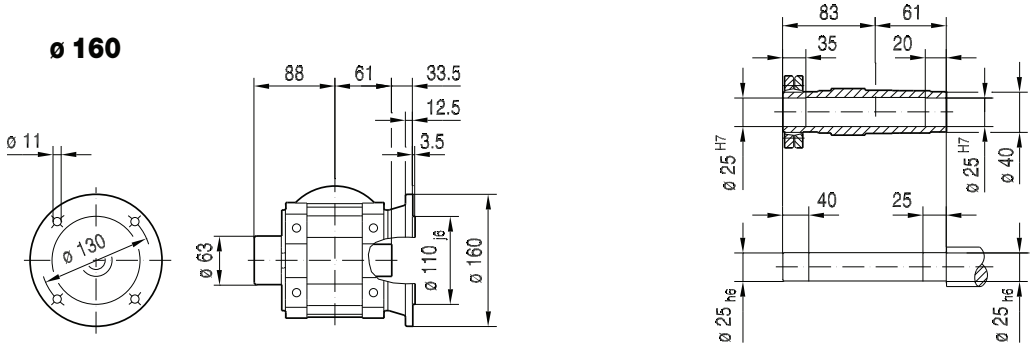
Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 573.

KHF29..

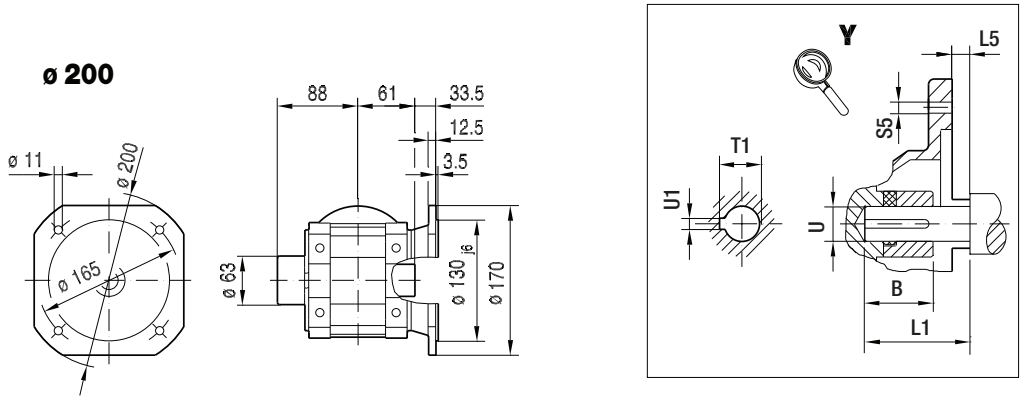
33 061 00 13



ø 160



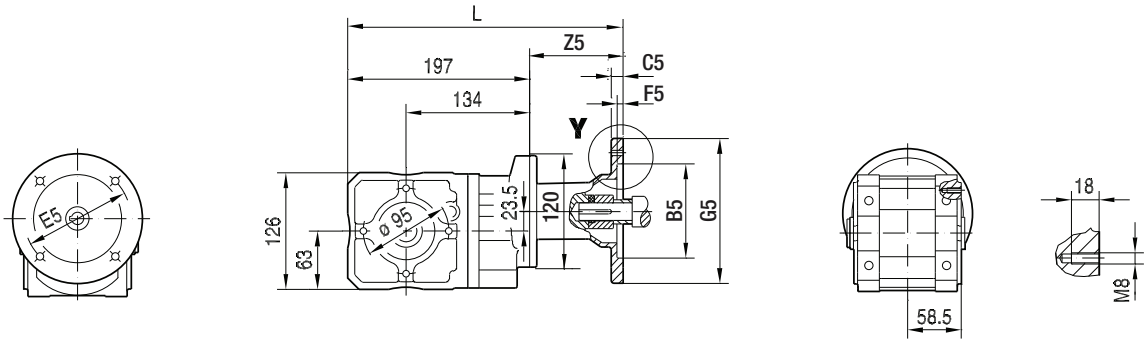
ø 200



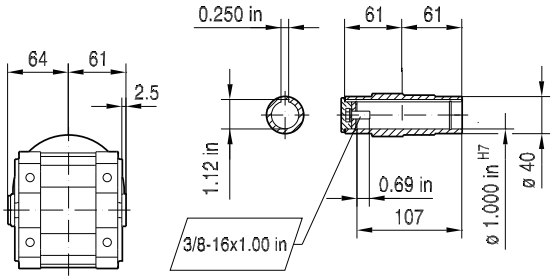
(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM56	1.23 in	4.50 in	11	5.875 in	4.5	170	291	1.88 in	-0.18 in	10.5	0.71 in	0.625 in	0.188 in	93.5
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	314	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	117
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	314	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	117

33 062 00 13

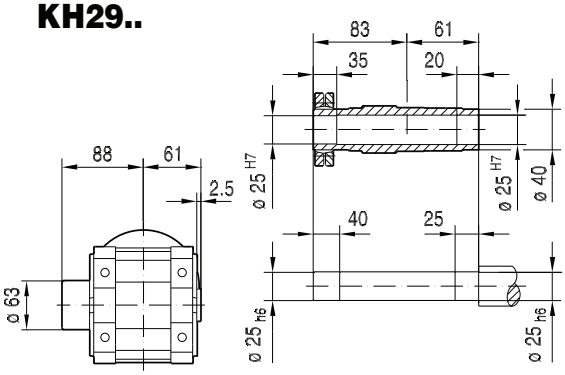
KA29..

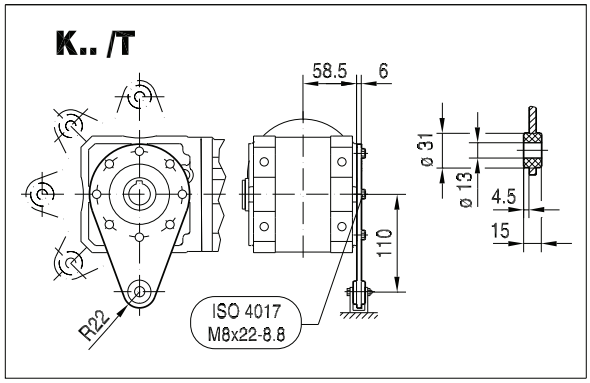


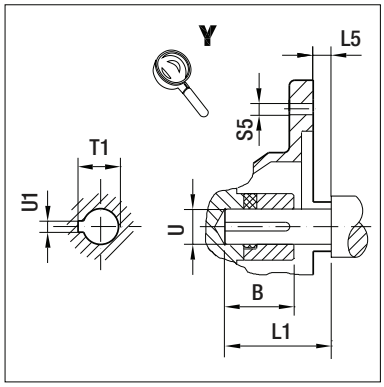
KA29..



KH29..





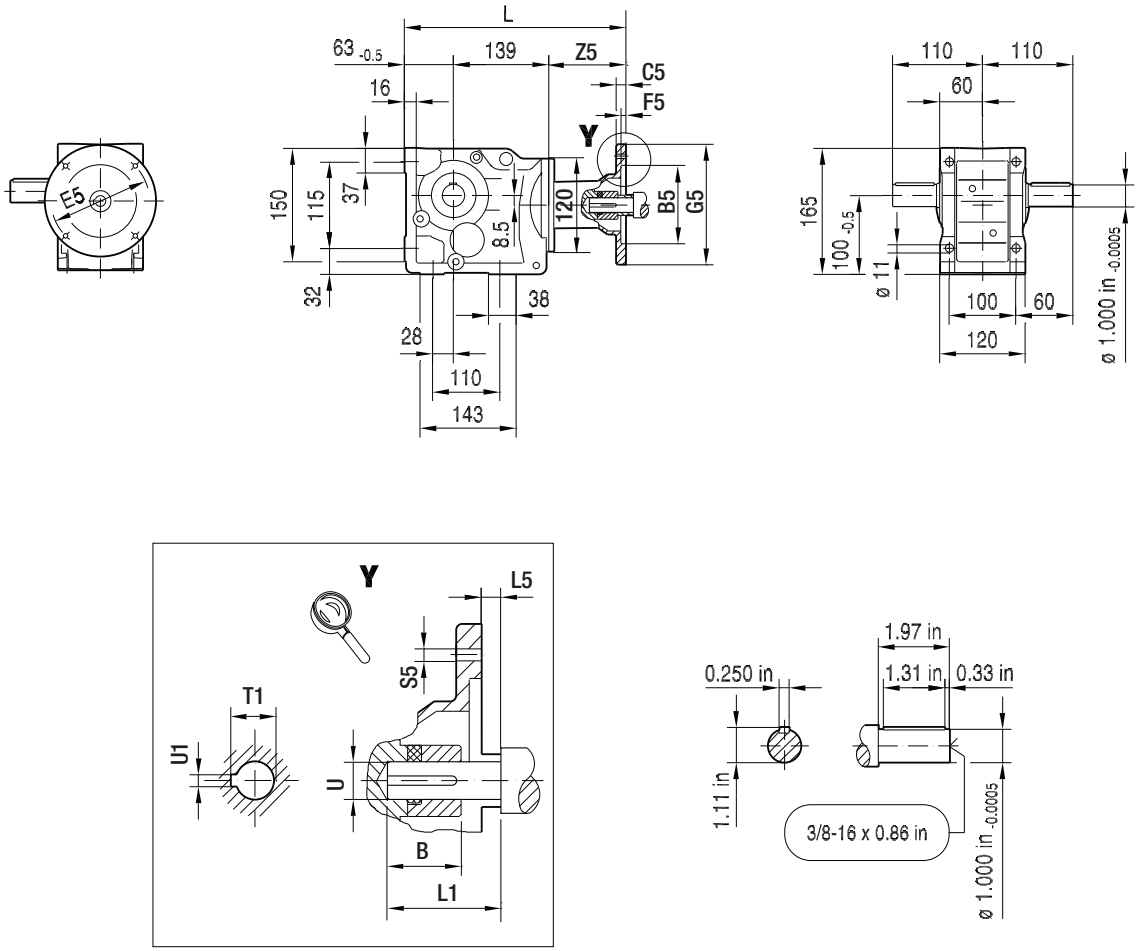


(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM56	1.23 in	4.50 in	11	5.875 in	4.5	170	291	1.88 in	-0.18 in	10.5	0.71 in	0.625 in	0.188 in	93.5
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	314	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	117
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	314	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	117

Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 575.

33 008 00 11

K37..

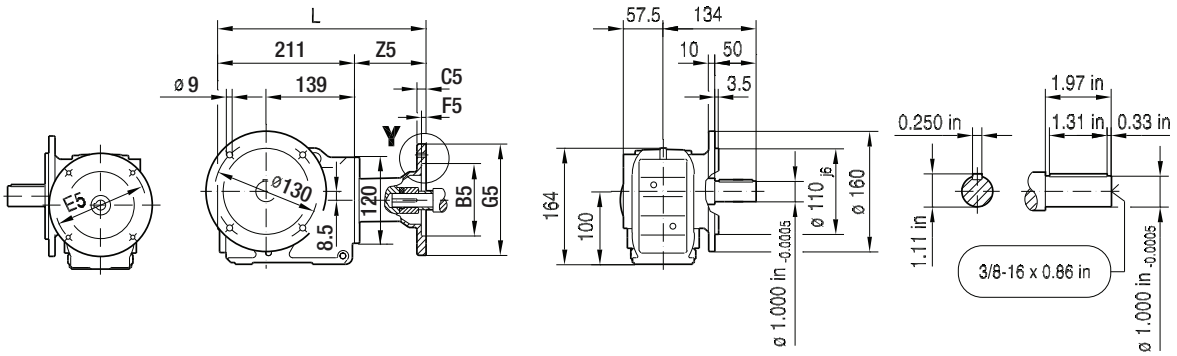


(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM56	1.23 in	4.50 in	11	5.875 in	4.5	170	296	1.88 in	-0.18 in	10.5	0.71 in	0.625 in	0.188 in	93.5
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	319	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	117
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	319	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	117

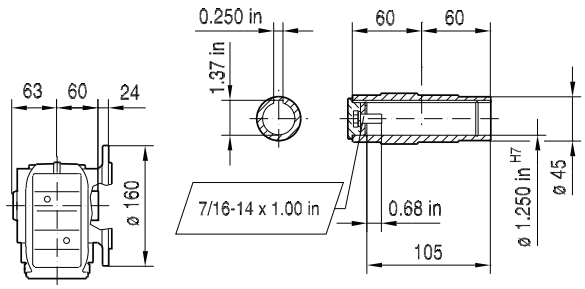
Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 573.

33 009 00 11

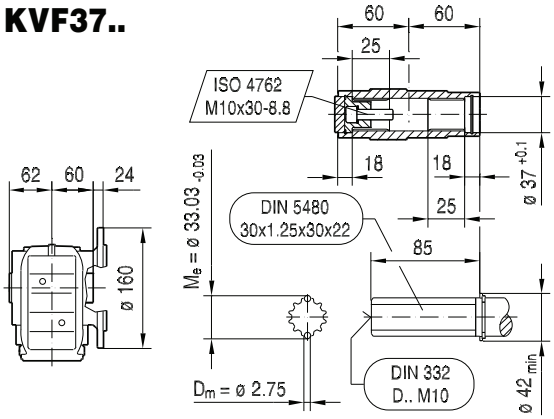
KF37..



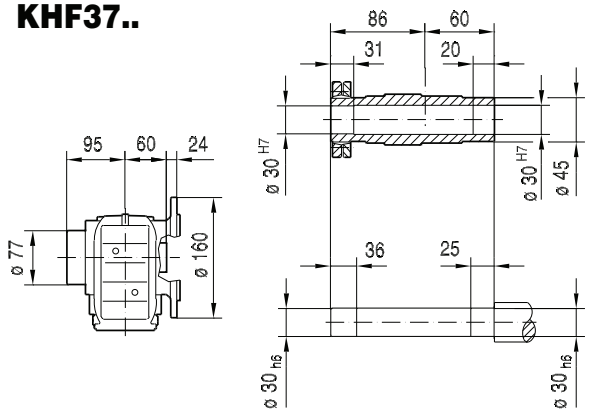
KAF37..

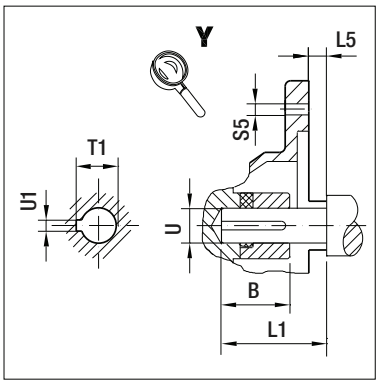


KVF37..



KHF37..



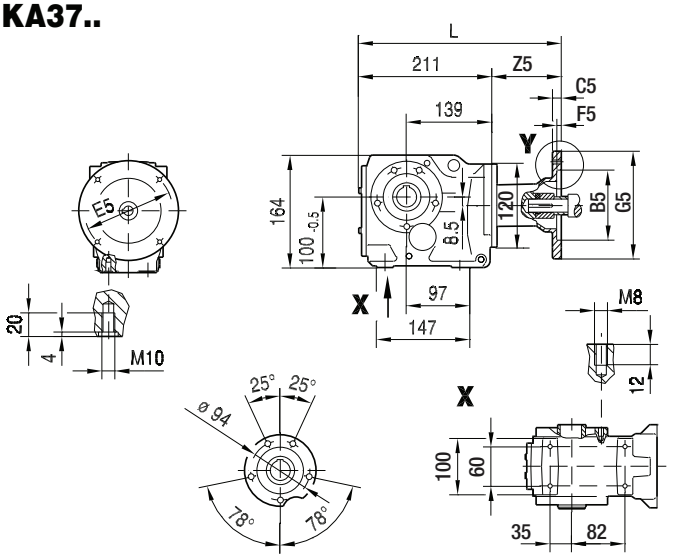


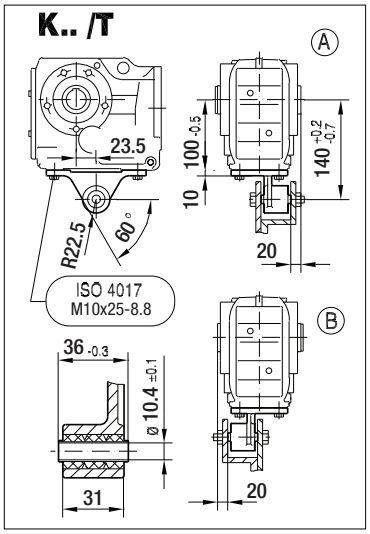
(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM56	1.23 in	4.50 in	11	5.875 in	4.5	170	305	1.88 in	-0.18 in	10.5	0.71 in	0.625 in	0.188 in	93.5
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	328	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	117
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	328	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	117

Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 573.

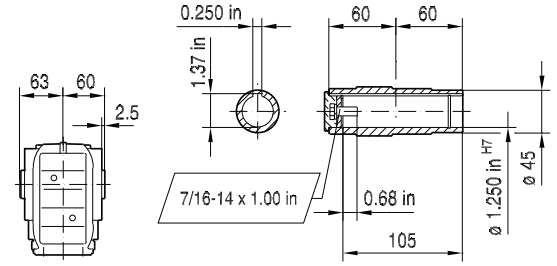
33 010 00 11

KA37..

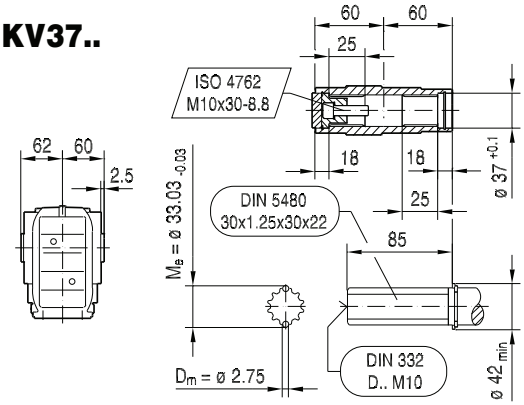




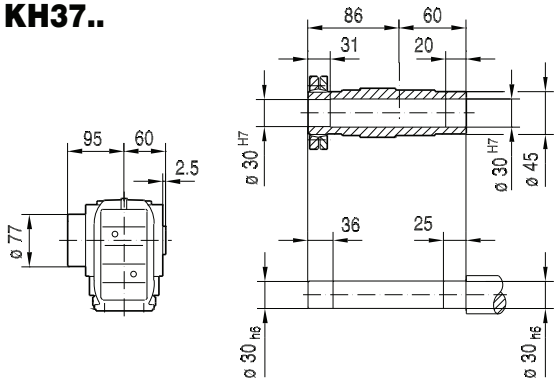
KA37..

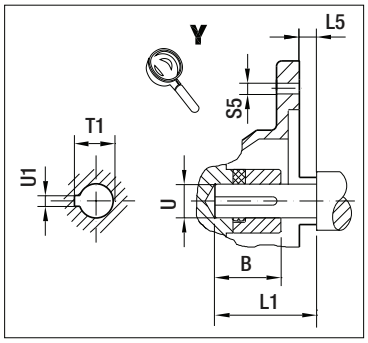


KV37..



KH37..



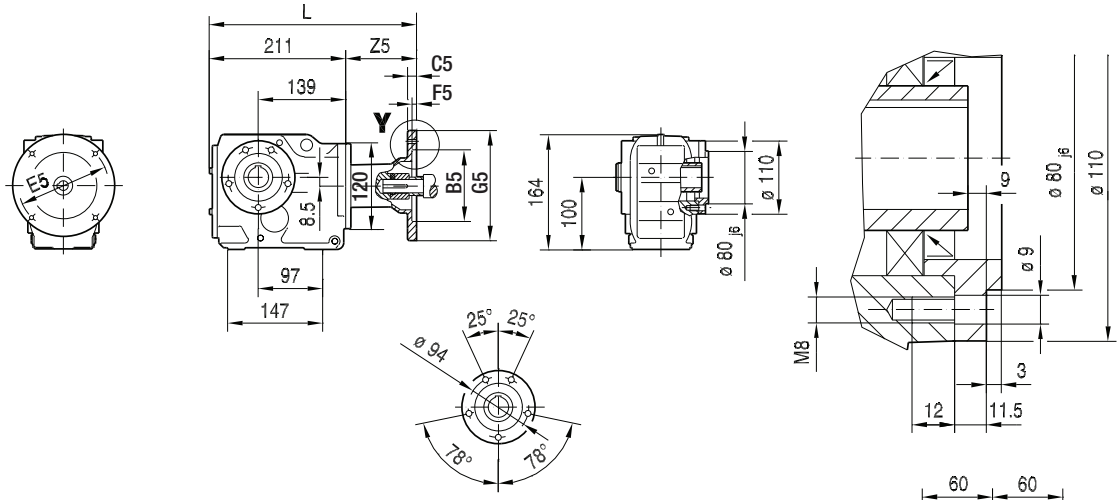


(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM56	1.23 in	4.50 in	11	5.875 in	4.5	170	305	1.88 in	-0.18 in	10.5	0.71 in	0.625 in	0.188 in	93.5
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	328	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	117
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	328	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	117

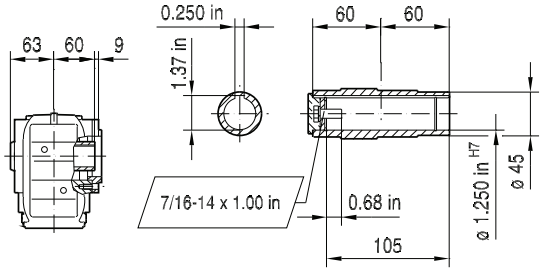
Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 575.

33 011 00 11

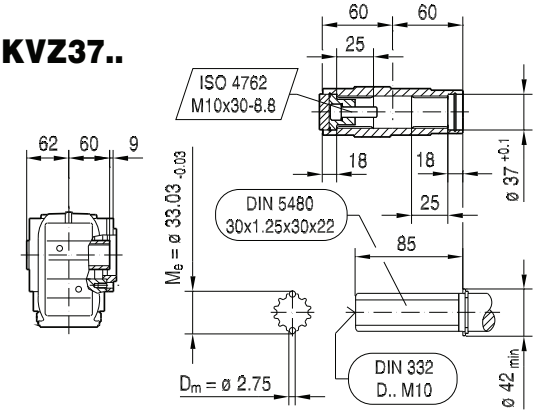
KAZ37..



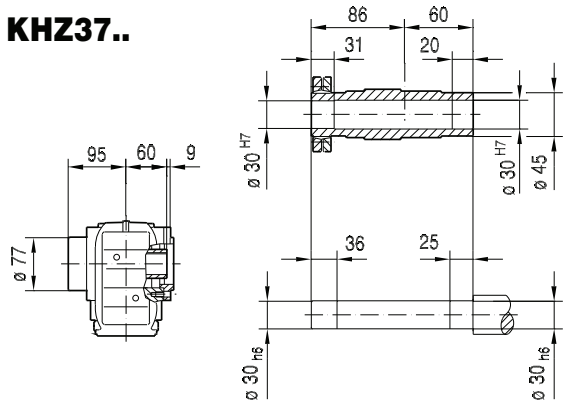
KAZ37..

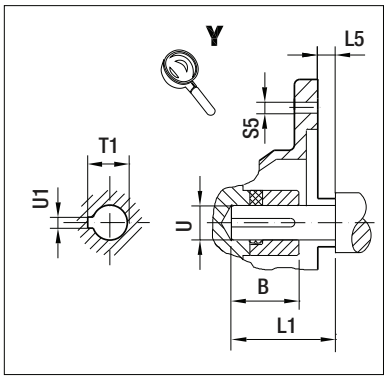


KVZ37..



KHZ37..



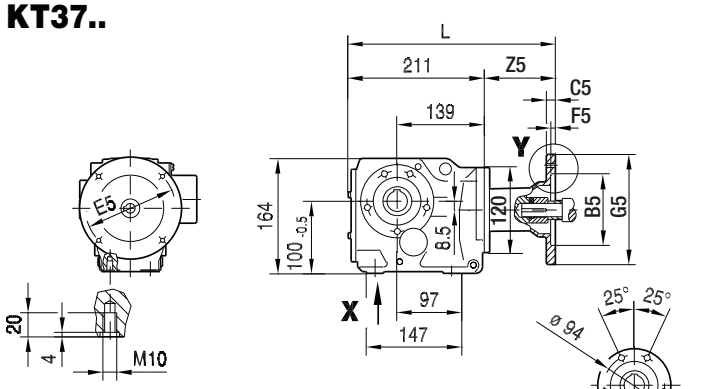


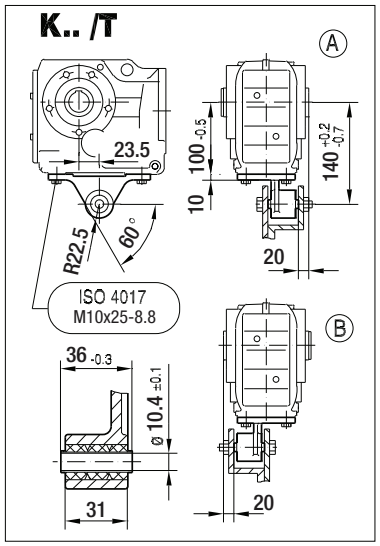
(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM56	1.23 in	4.50 in	11	5.875 in	4.5	170	305	1.88 in	-0.18 in	10.5	0.71 in	0.625 in	0.188 in	93.5
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	328	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	117
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	328	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	117

Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 575.

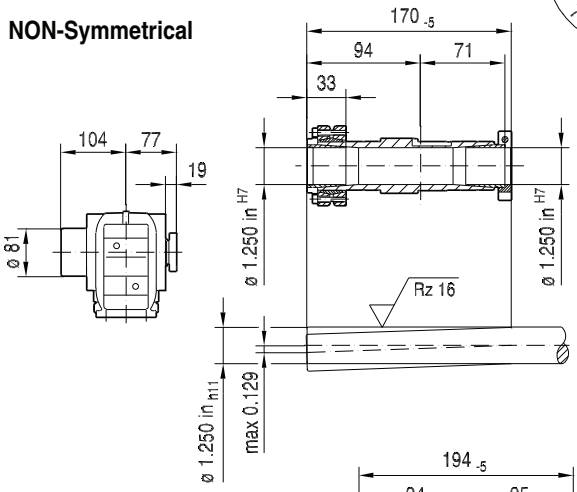
33 012 00 11

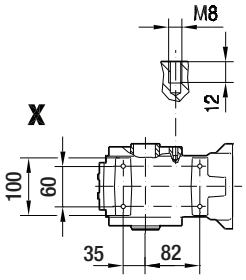
KT37..



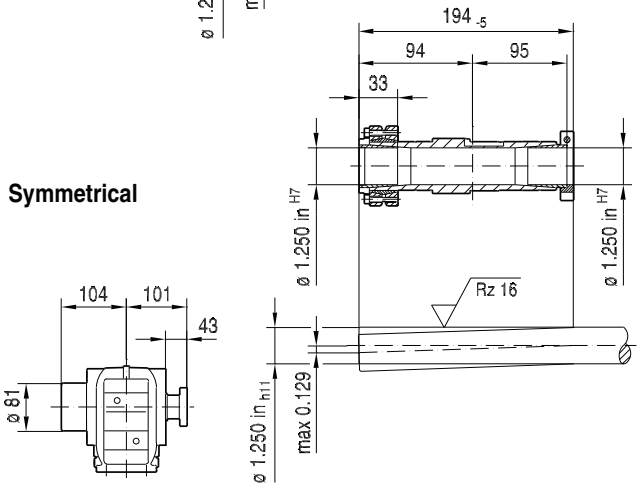


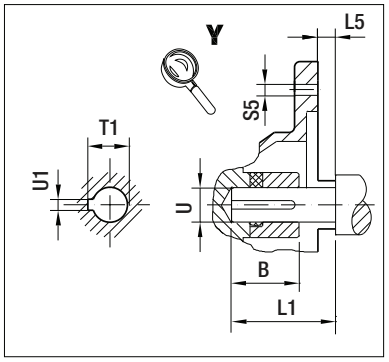
NON-Symmetrical





Symmetrical



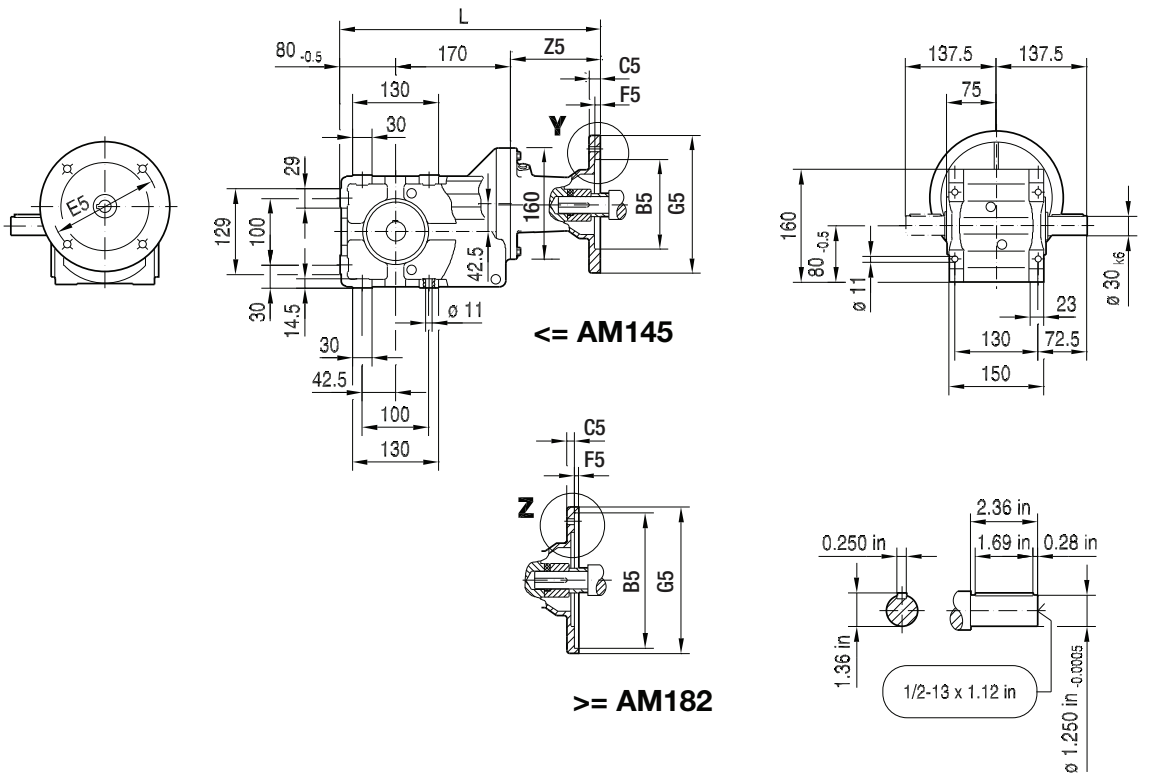


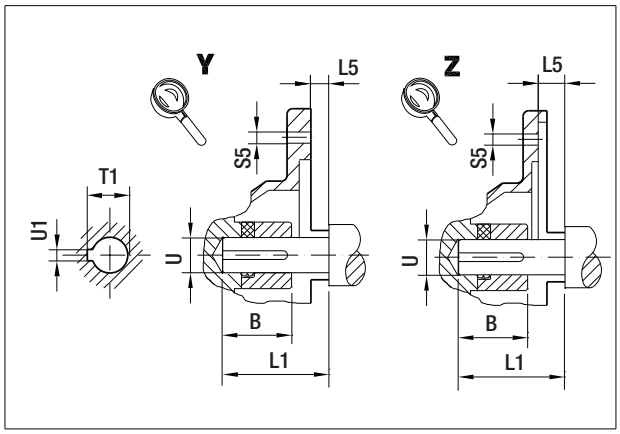
(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM56	1.23 in	4.50 in	11	5.875 in	4.5	170	305	1.88 in	-0.18 in	10.5	0.71 in	0.625 in	0.188 in	93.5
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	328	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	117
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	328	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	117

Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 577.

K39..

33 052 00 15US



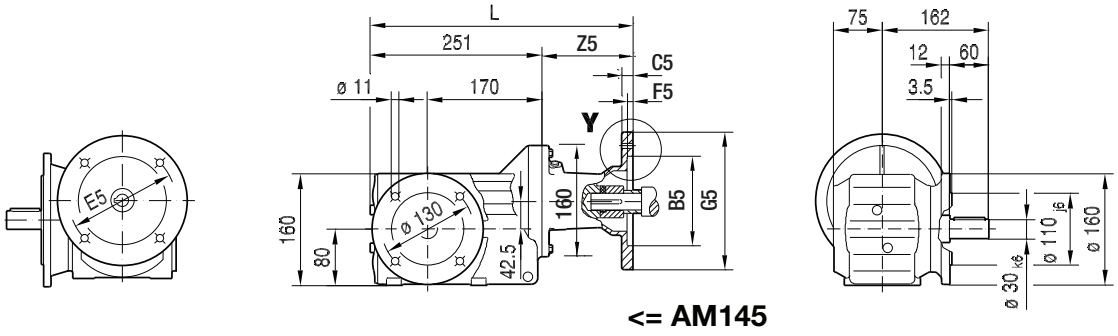


(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM56	1.23 in	4.50 in	11	5.875 in	4.5	170	337	1.88 in	-0.18 in	10.5	0.71 in	0.625 in	0.188 in	87
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	360.5	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	110.5
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	360.5	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	110.5
AM182	2.10 in	8.50 in	10	7.25 in	5	228	397.5	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	147.5
AM184	2.10 in	8.50 in	10	7.25 in	5	228	397.5	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	147.5

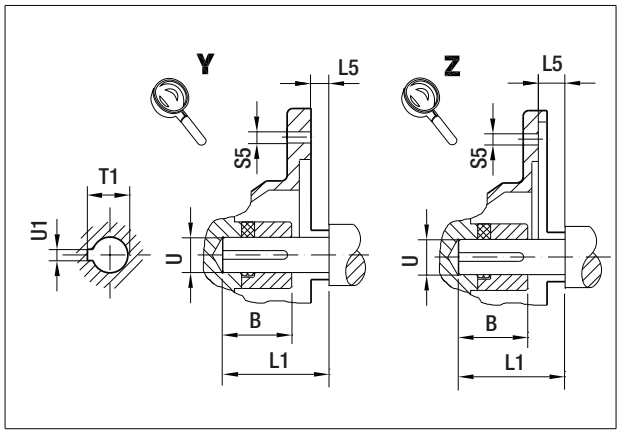
Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 573.

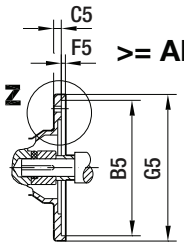
33 053 00 15US

KF39..

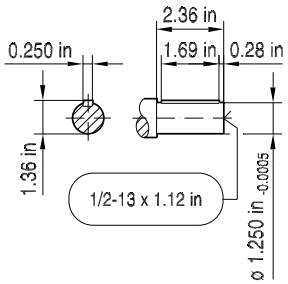


<= AM145

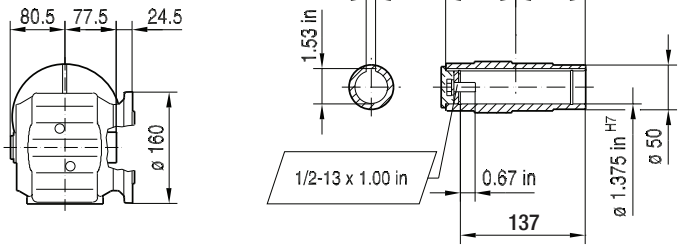




>= AM182



KAF39..

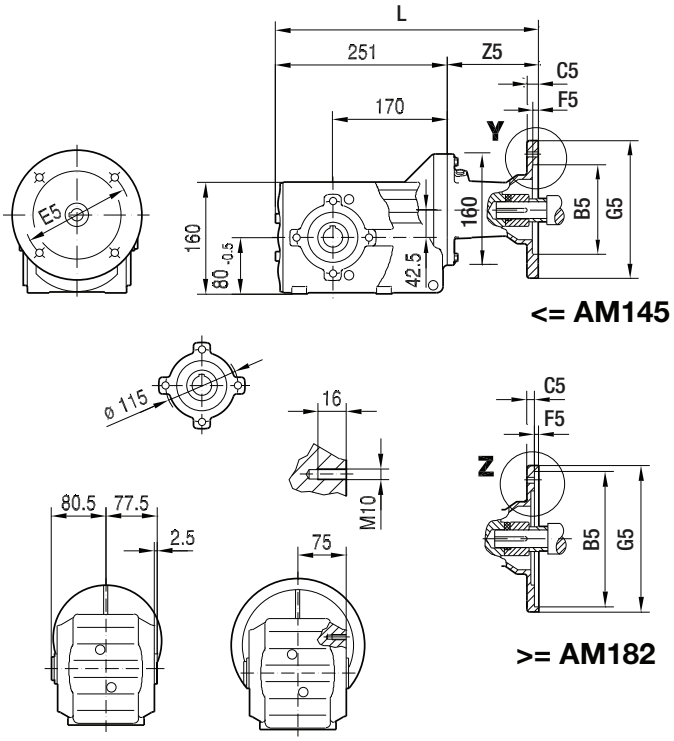


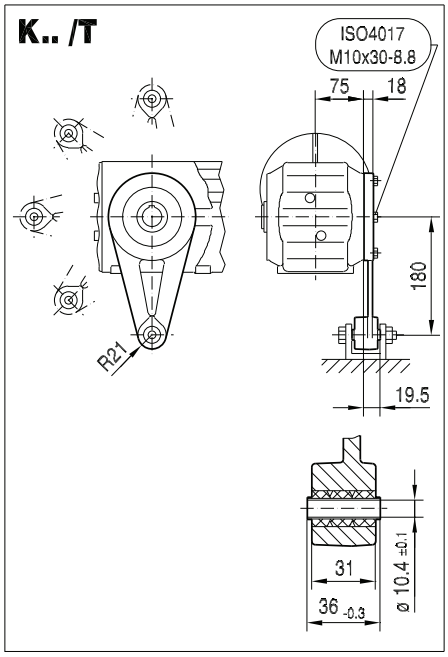
(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM56	1.23 in	4.50 in	11	5.875 in	4.5	170	338	1.88 in	-0.18 in	10.5	0.71 in	0.625 in	0.188 in	87
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	361.5	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	110.5
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	361.5	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	110.5
AM182	2.10 in	8.50 in	10	7.25 in	5	228	398.5	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	147.5
AM184	2.10 in	8.50 in	10	7.25 in	5	228	398.5	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	147.5

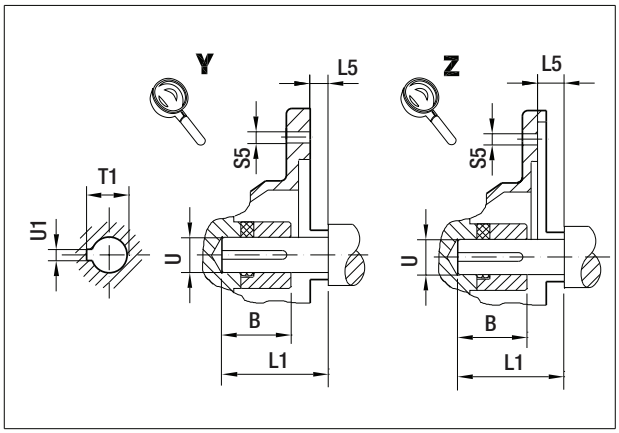
Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 573.

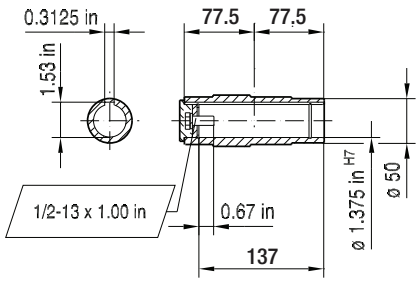
KA39..

33 054 00 15US







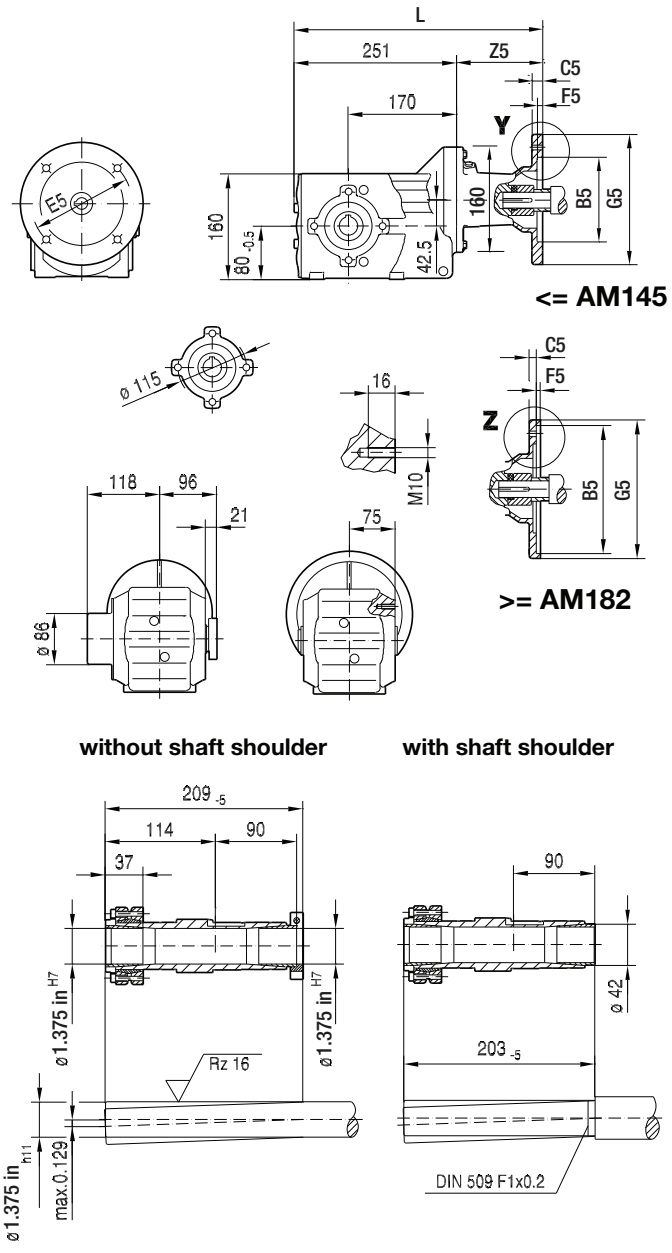


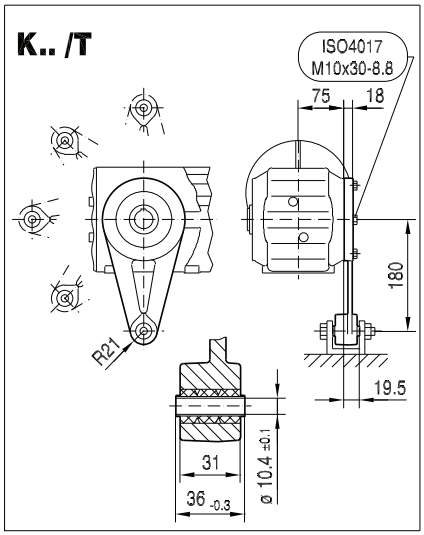
(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM56	1.23 in	4.50 in	11	5.875 in	4.5	170	338	1.88 in	-0.18 in	10.5	0.71 in	0.625 in	0.188 in	87
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	361.5	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	110.5
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	361.5	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	110.5
AM182	2.10 in	8.50 in	10	7.25 in	5	228	398.5	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	147.5
AM184	2.10 in	8.50 in	10	7.25 in	5	228	398.5	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	147.5

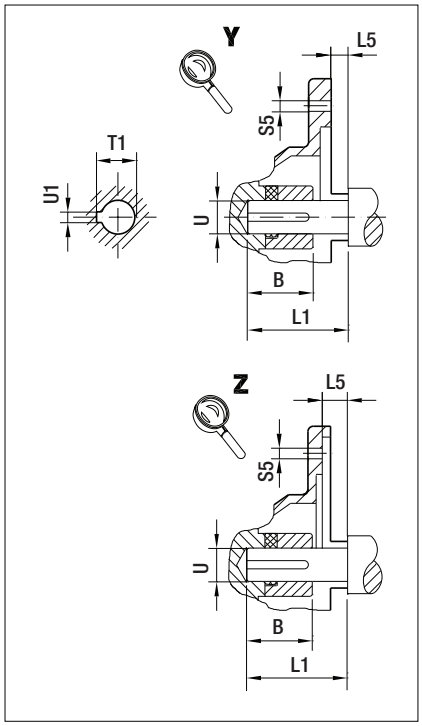
Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 575.

33 055 00 15US

KT39..





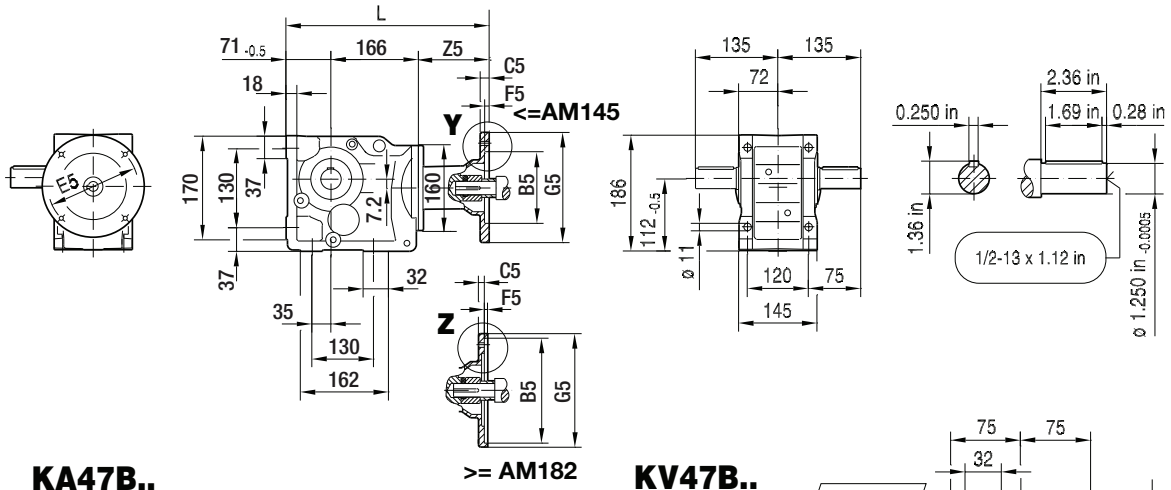


(→ 📖 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM56	1.23 in	4.50 in	11	5.875 in	4.5	170	338	1.88 in	-0.18 in	10.5	0.71 in	0.625 in	0.188 in	87
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	361.5	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	110.5
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	361.5	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	110.5
AM182	2.10 in	8.50 in	10	7.25 in	5	228	398.5	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	147.5
AM184	2.10 in	8.50 in	10	7.25 in	5	228	398.5	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	147.5

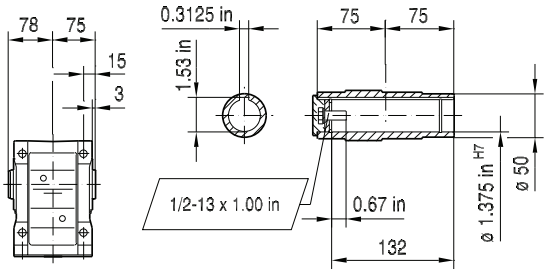
Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 577.

33 013 00 11

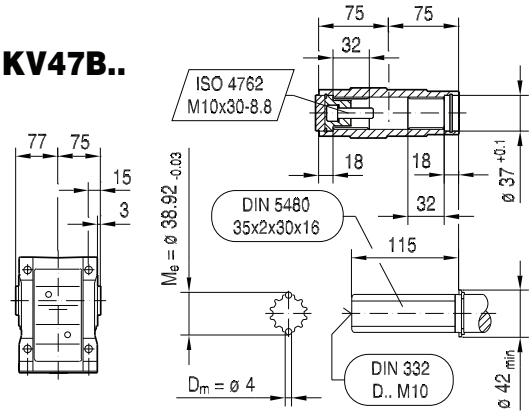
K47..



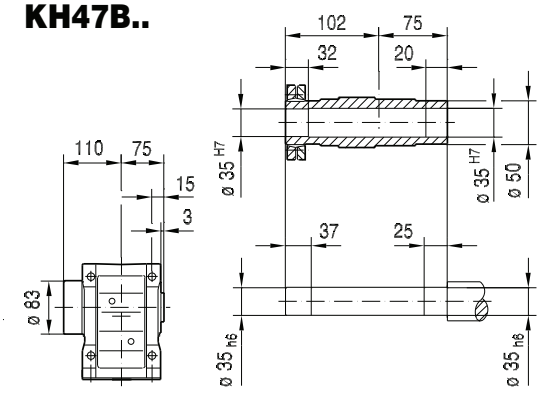
KA47B..

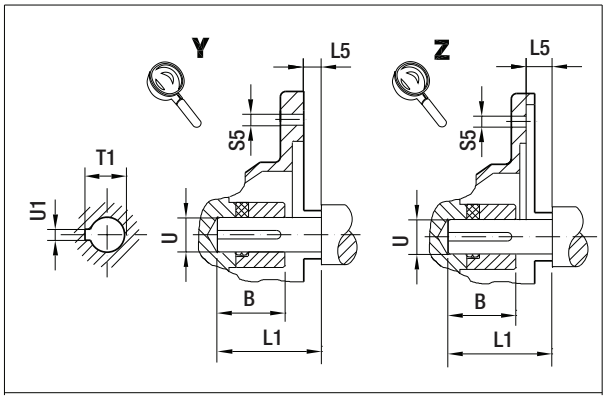


KV47B..



KH47B..



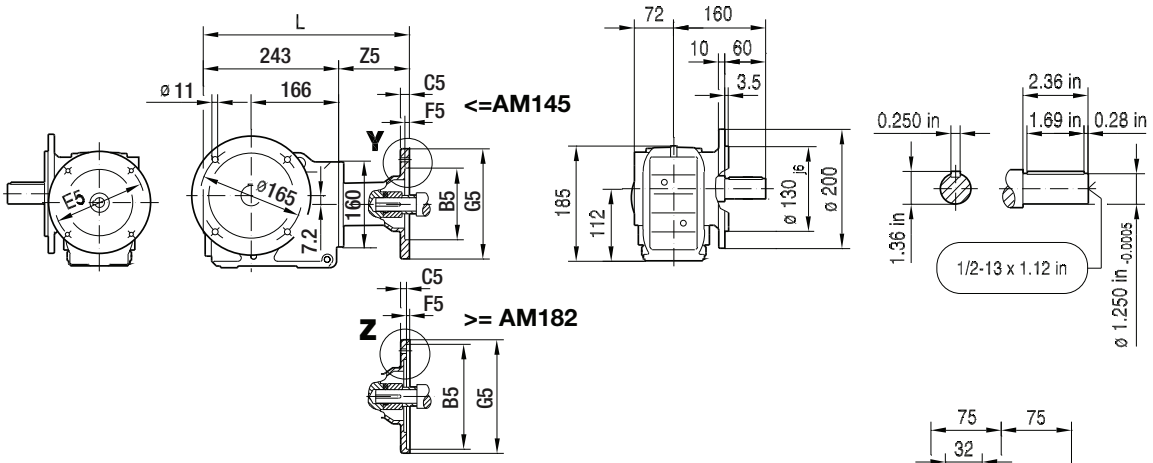


(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM56	1.23 in	4.50 in	11	5.875 in	4.5	170	324	1.88 in	-0.18 in	10.5	0.71 in	0.625 in	0.188 in	87
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	348	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	110.5
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	348	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	110.5
AM182	2.10 in	8.50 in	10	7.25 in	5	228	385	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	147.5
AM184	2.10 in	8.50 in	10	7.25 in	5	228	385	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	147.5

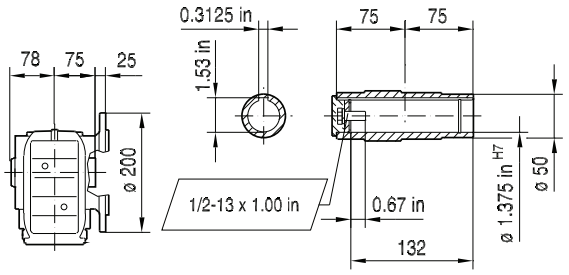
Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 573. For dimensions of compound gear units (ex: K47R37) see page 565.

33 014 00 11

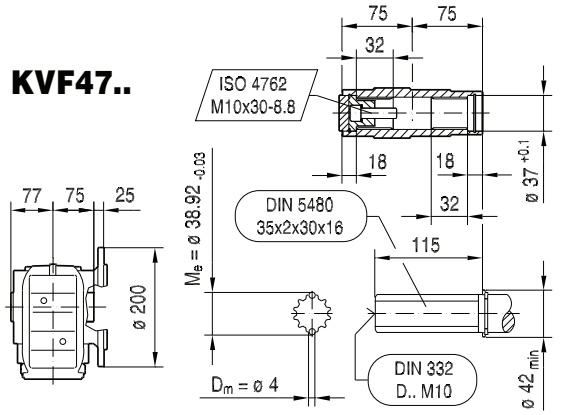
KF47..



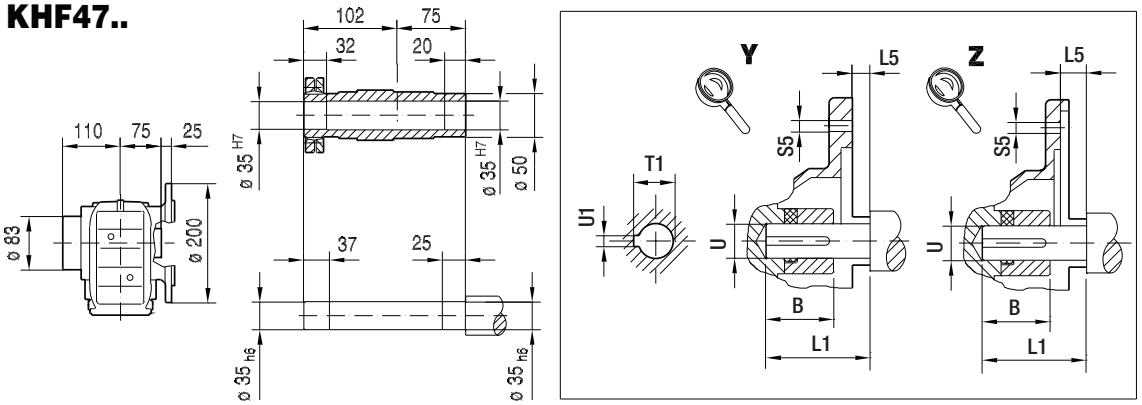
KAF47..



KVF47..



KHF47..

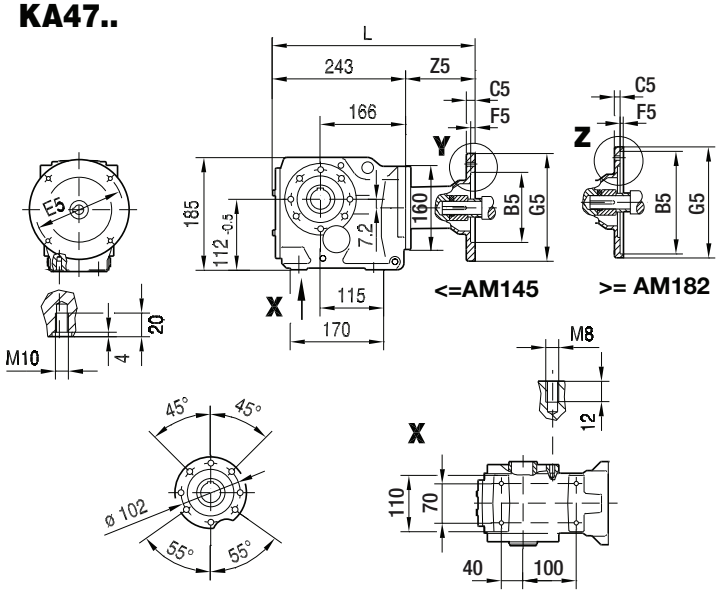


(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM56	1.23 in	4.50 in	11	5.875 in	4.5	170	330	1.88 in	-0.18 in	10.5	0.71 in	0.625 in	0.188 in	87
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	354	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	110.5
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	354	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	110.5
AM182	2.10 in	8.50 in	10	7.25 in	5	228	391	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	147.5
AM184	2.10 in	8.50 in	10	7.25 in	5	228	391	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	147.5

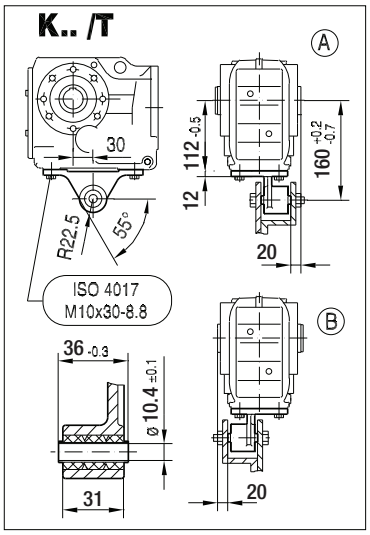
Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 573. For dimensions of compound gear units (ex: KF47R37) see page 565.

33 015 00 11

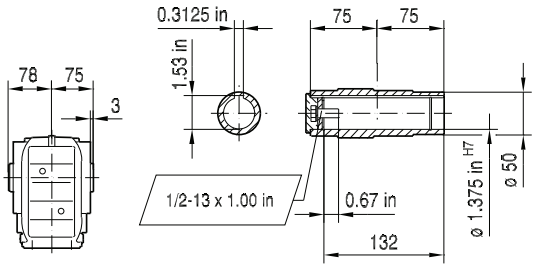
KA47..



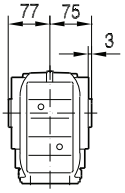
K.. /T

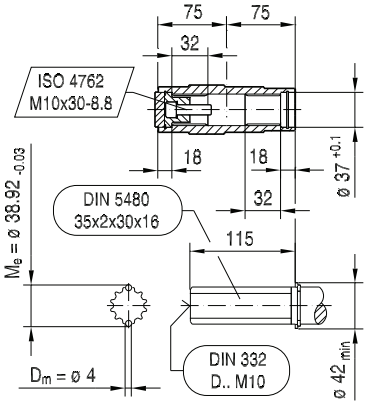


KA47..

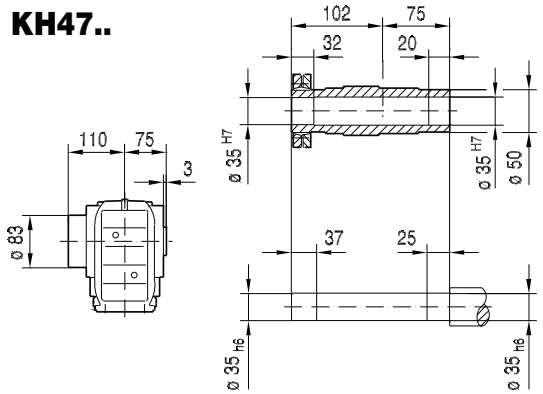


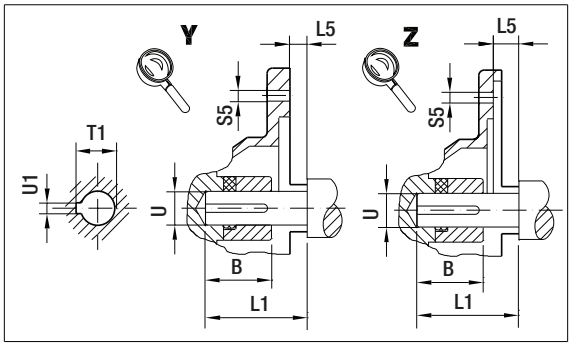
KV47..





KH47..



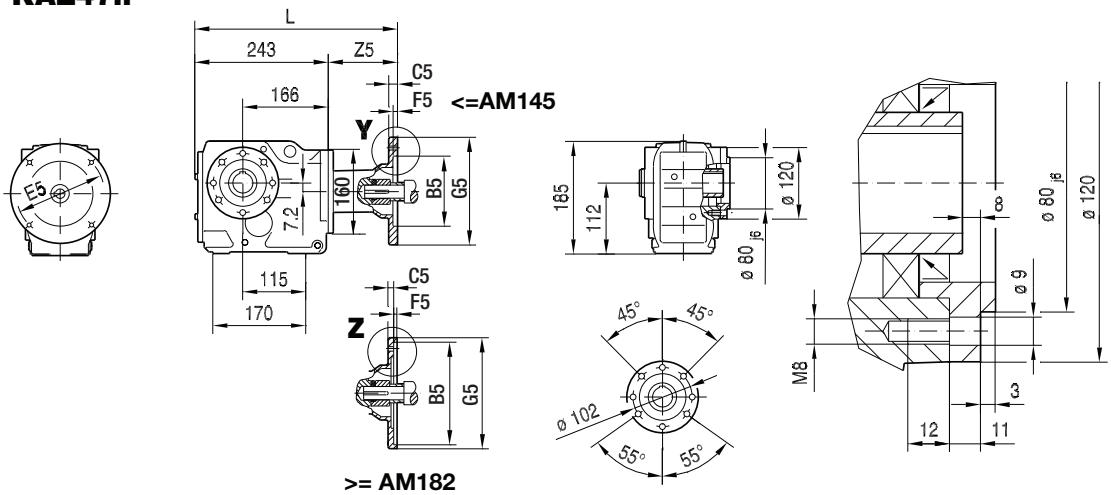


(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM56	1.23 in	4.50 in	11	5.875 in	4.5	170	330	1.88 in	-0.18 in	10.5	0.71 in	0.625 in	0.188 in	87
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	354	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	110.5
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	354	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	110.5
AM182	2.10 in	8.50 in	10	7.25 in	5	228	391	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	147.5
AM184	2.10 in	8.50 in	10	7.25 in	5	228	391	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	147.5

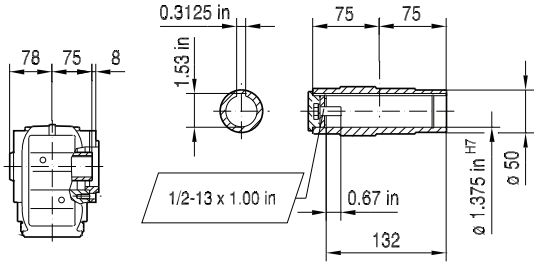
Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 573. For dimensions of compound gear units (ex: KA47R37) see page 565.

33 016 00 11

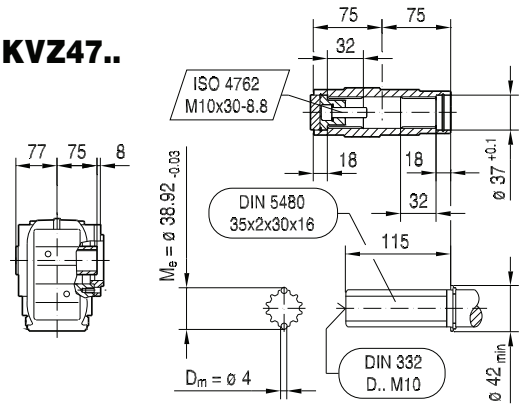
KAZ47..



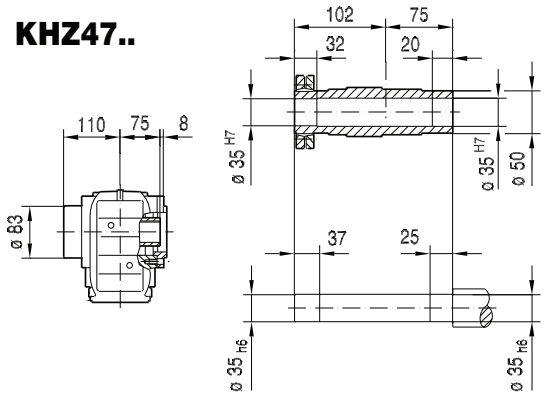
KAZ47..

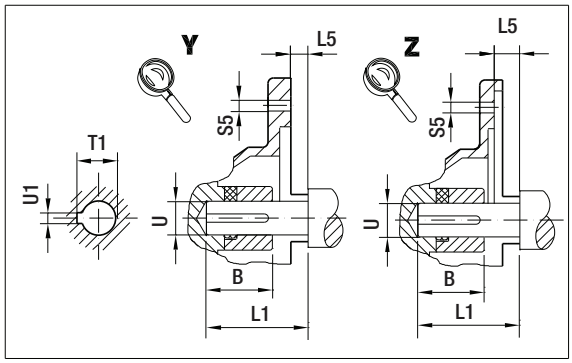


KVZ47..



KHZ47..



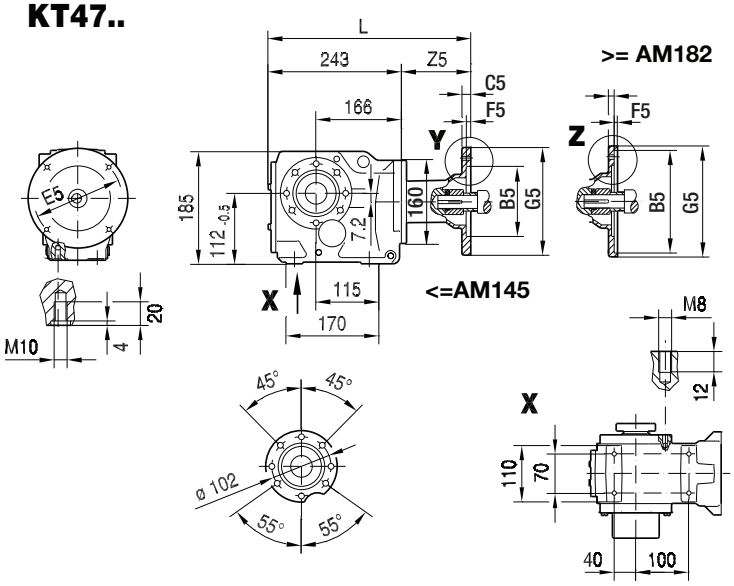


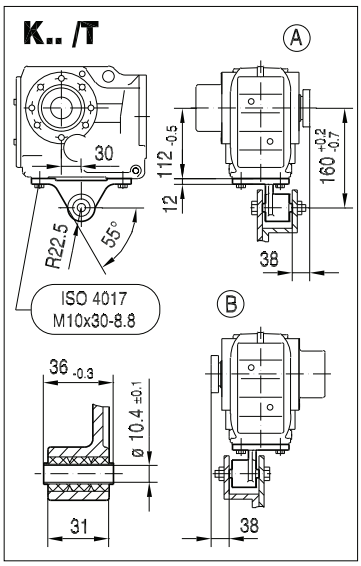
(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM56	1.23 in	4.50 in	11	5.875 in	4.5	170	330	1.88 in	-0.18 in	10.5	0.71 in	0.625 in	0.188 in	87
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	354	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	110.5
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	354	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	110.5
AM182	2.10 in	8.50 in	10	7.25 in	5	228	391	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	147.5
AM184	2.10 in	8.50 in	10	7.25 in	5	228	391	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	147.5

Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 575. For dimensions of compound gear units (ex: KAZ47R37) see page 565.

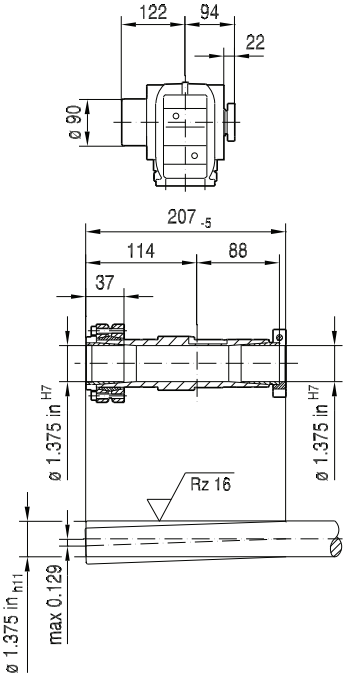
KT47..

33 017 00 11

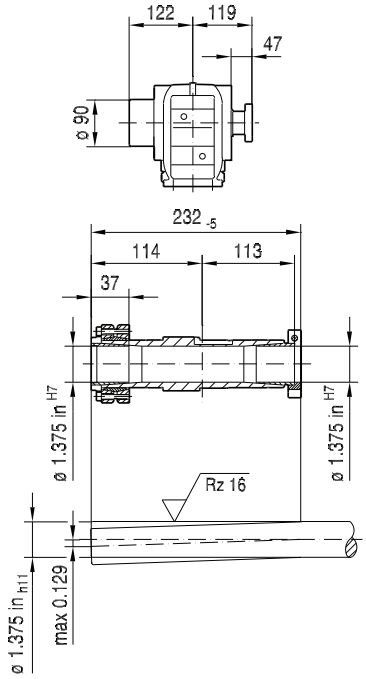


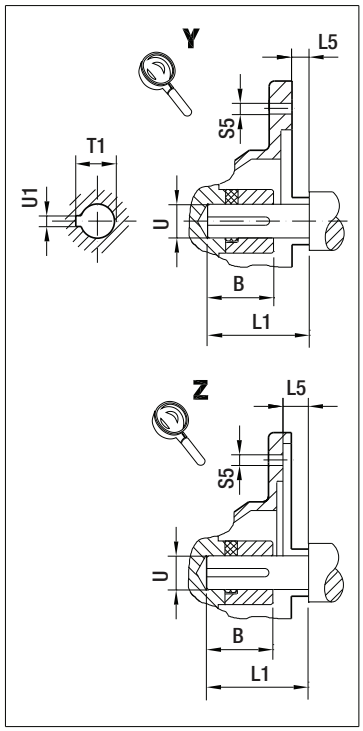


NON-Symmetrical



Symmetrical



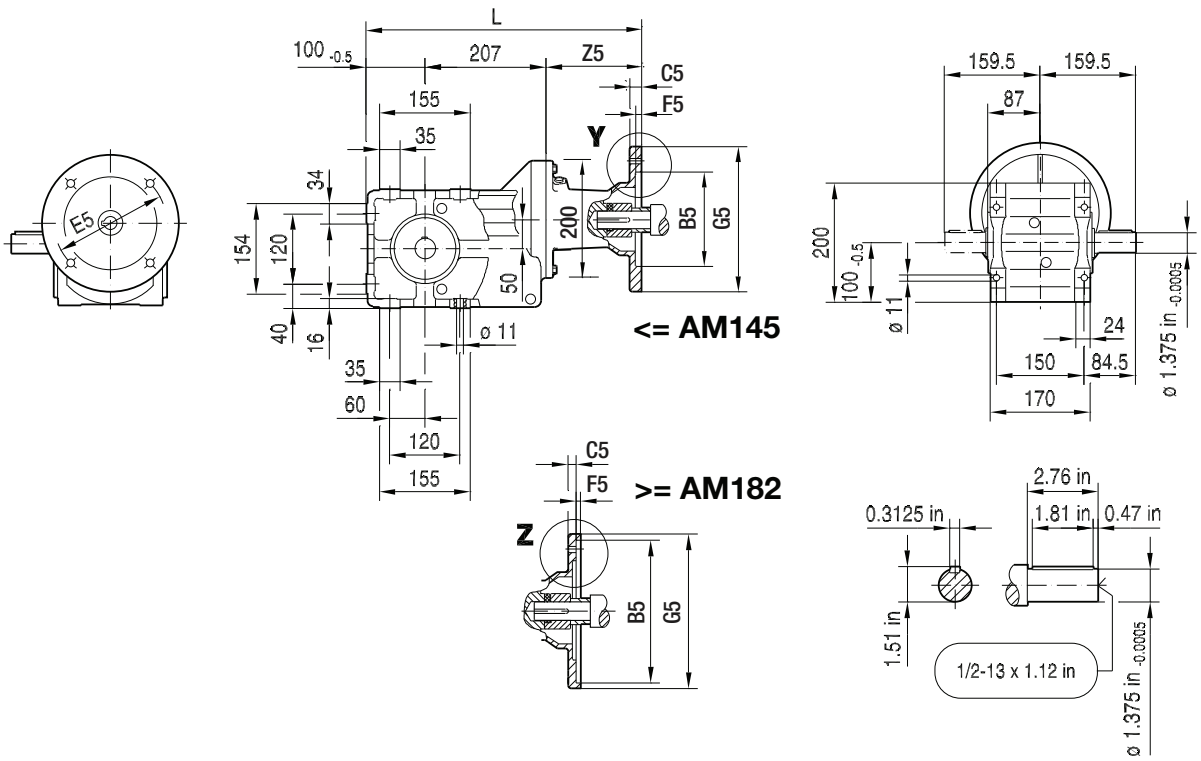


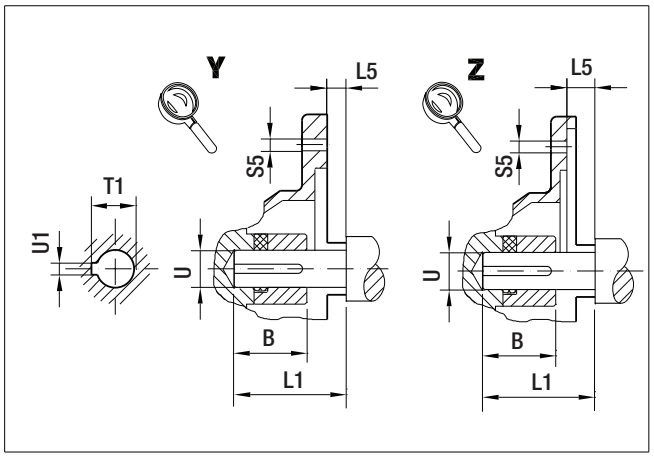
(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM56	1.23 in	4.50 in	11	5.875 in	4.5	170	330	1.88 in	-0.18 in	10.5	0.71 in	0.625 in	0.188 in	87
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	354	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	110.5
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	354	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	110.5
AM182	2.10 in	8.50 in	10	7.25 in	5	228	391	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	147.5
AM184	2.10 in	8.50 in	10	7.25 in	5	228	391	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	147.5

Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 577. For dimensions of compound gear units (ex: KT47R37) see page 565.

33 056 00 15US

K49..



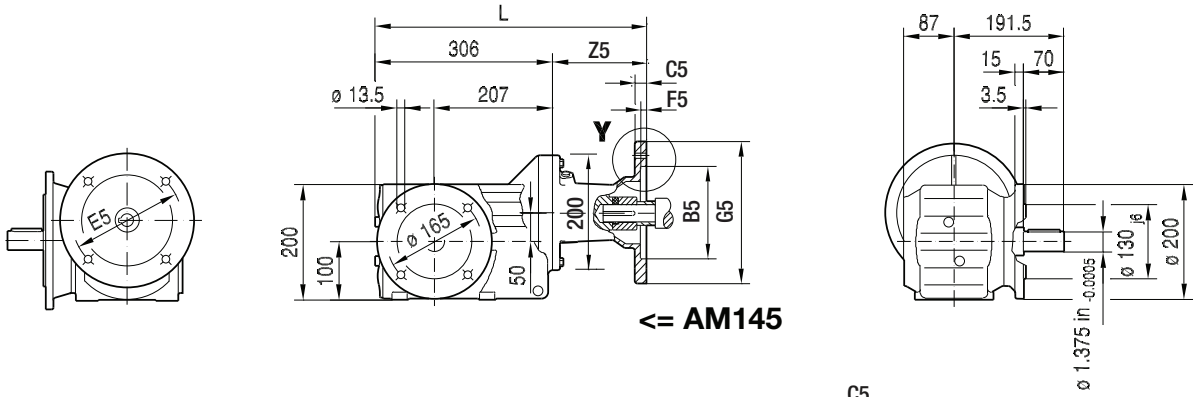


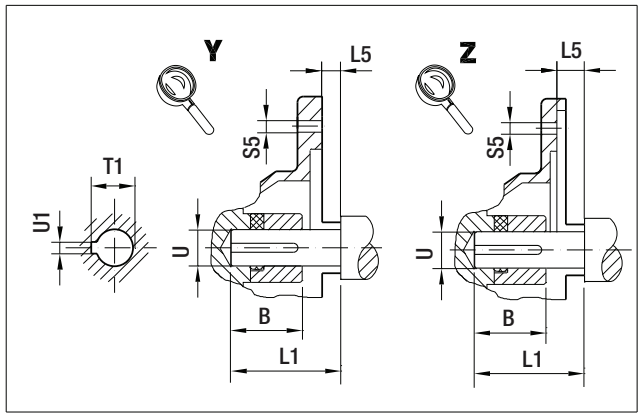
(→ 📖 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM56	1.23 in	4.50 in	11	5.875 in	4.5	170	388	1.88 in	-0.18 in	10.5	0.71 in	0.625 in	0.188 in	81
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	410.5	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	103.5
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	410.5	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	103.5
AM182	2.10 in	8.50 in	10	7.25 in	5	228	446.5	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	139.5
AM184	2.10 in	8.50 in	10	7.25 in	5	228	446.5	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	139.5
AM213/215	2.76 in	8.50 in	11	7.25 in	5	228	495.5	3.38 in	0.25 in	15	1.52 in	1.375 in	0.312 in	188.5

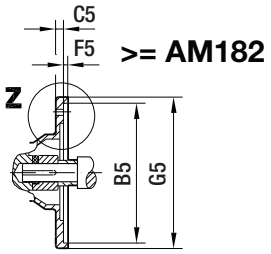
Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 573. For dimensions of compound gear units (ex: K49R37) see page 565.

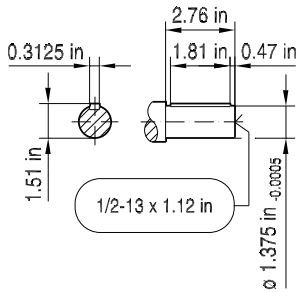
33 057 00 15US

KF49..

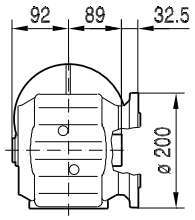


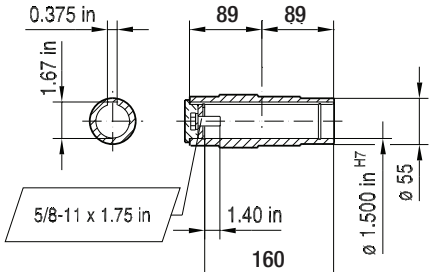






KAF49..



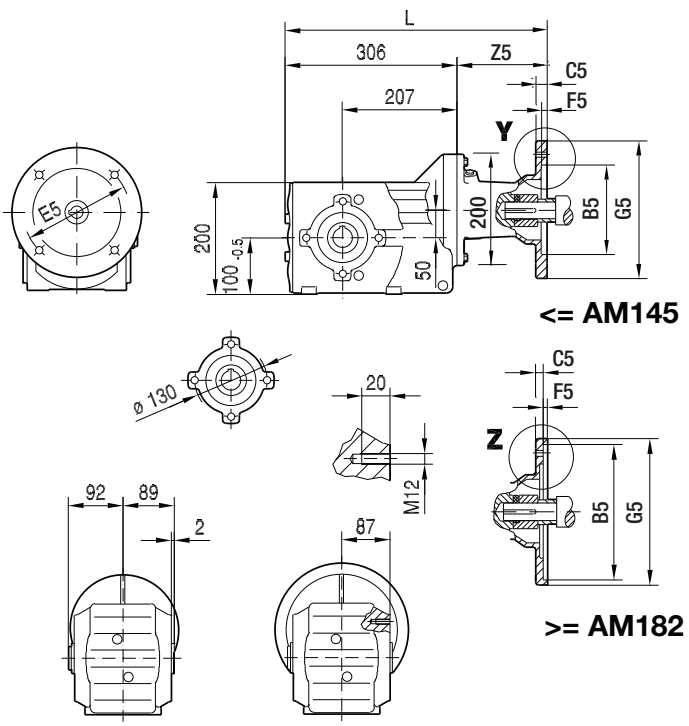


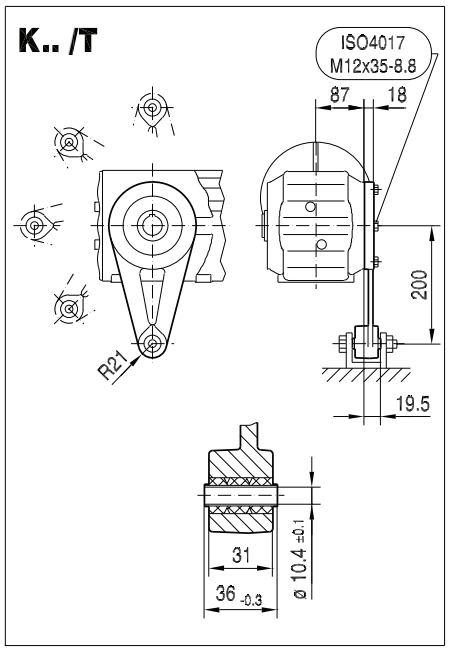
(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM56	1.23 in	4.50 in	11	5.875 in	4.5	170	387	1.88 in	-0.18 in	10.5	0.71 in	0.625 in	0.188 in	81
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	409.5	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	103.5
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	409.5	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	103.5
AM182	2.10 in	8.50 in	10	7.25 in	5	228	445.5	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	139.5
AM184	2.10 in	8.50 in	10	7.25 in	5	228	445.5	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	139.5
AM213/215	2.76 in	8.50 in	11	7.25 in	5	228	494.5	3.38 in	0.25 in	15	1.52 in	1.375 in	0.312 in	188.5

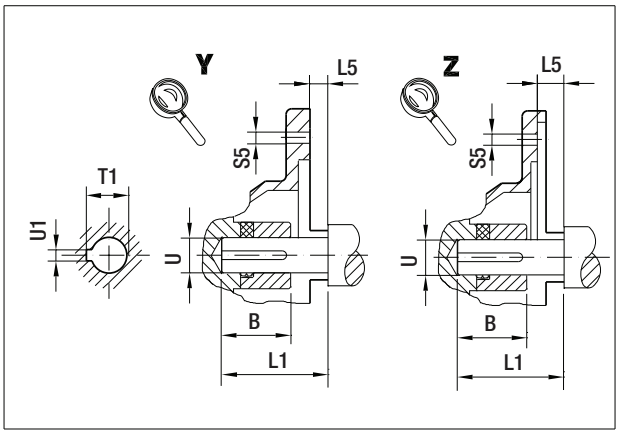
Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 573. For dimensions of compound gear units (ex: KF49R37) see page 565.

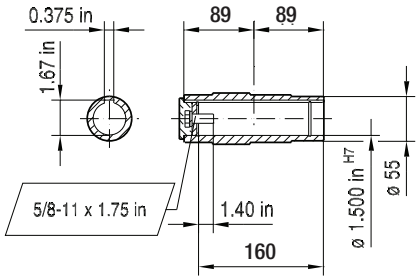
33 058 00 15US

KA49..





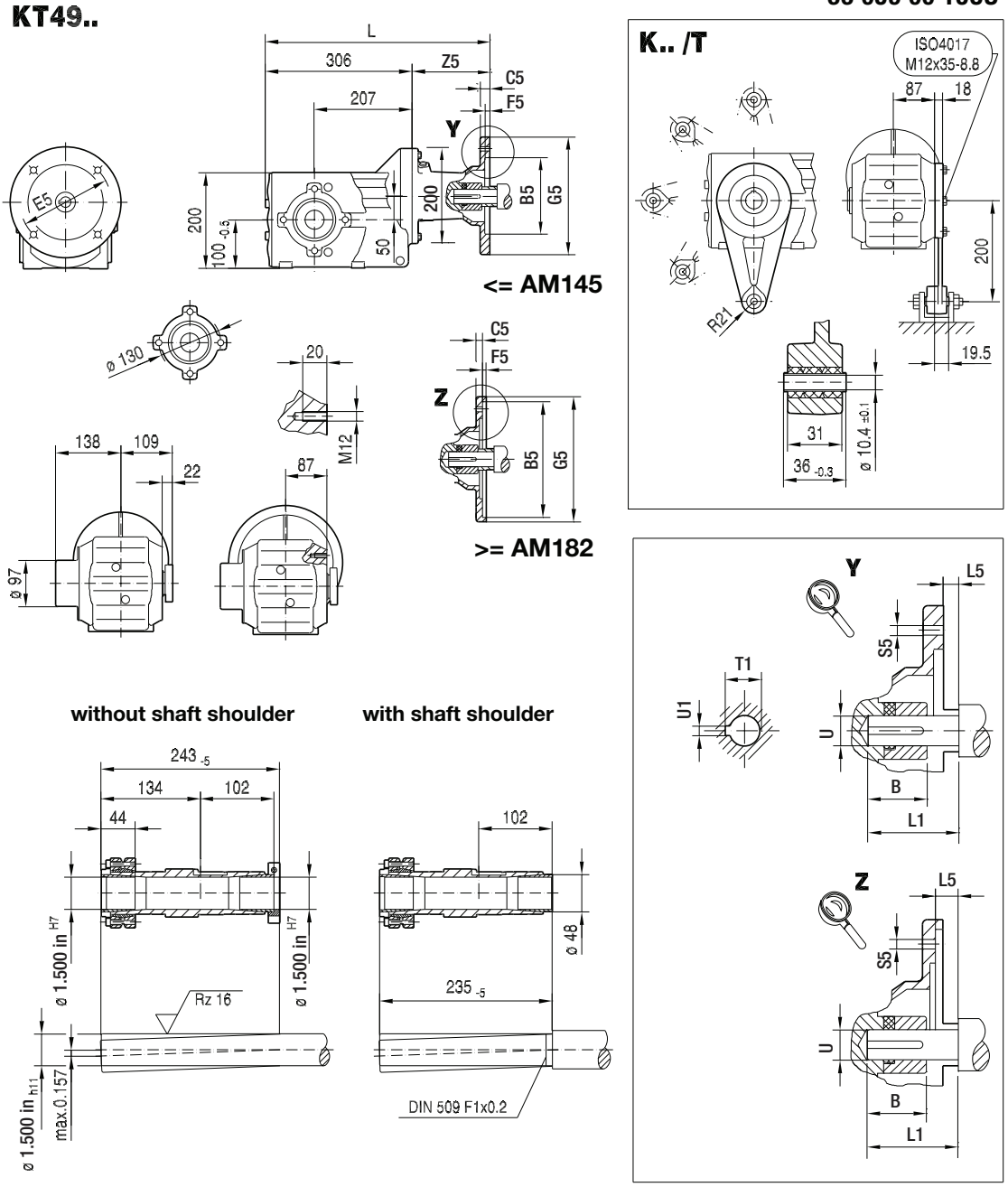




(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM56	1.23 in	4.50 in	11	5.875 in	4.5	170	387	1.88 in	-0.18 in	10.5	0.71 in	0.625 in	0.188 in	81
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	409.5	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	103.5
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	409.5	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	103.5
AM182	2.10 in	8.50 in	10	7.25 in	5	228	445.5	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	139.5
AM184	2.10 in	8.50 in	10	7.25 in	5	228	445.5	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	139.5
AM213/215	2.76 in	8.50 in	11	7.25 in	5	228	494.5	3.38 in	0.25 in	15	1.52 in	1.375 in	0.312 in	188.5

Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 575. For dimensions of compound gear units (ex: KA49R37) see page 565.

33 059 00 15US

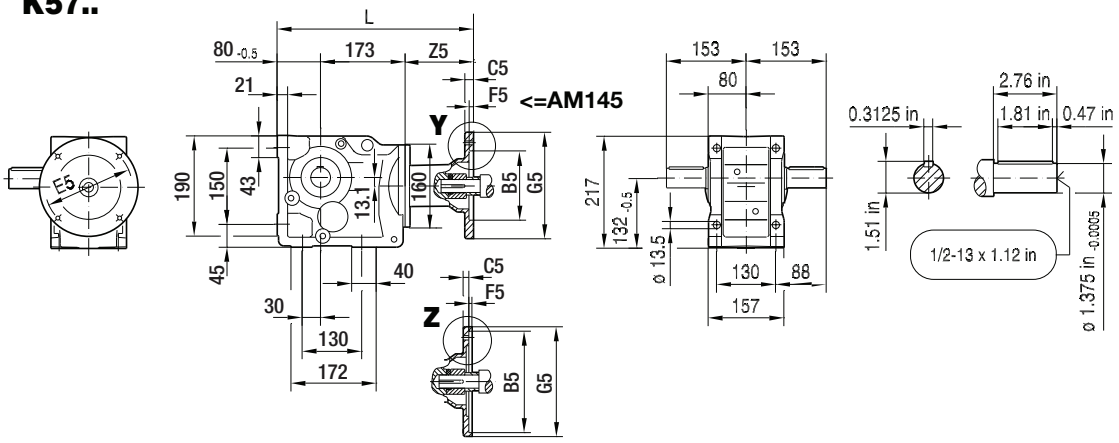


(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM56	1.23 in	4.50 in	11	5.875 in	4.5	170	387	1.88 in	-0.18 in	10.5	0.71 in	0.625 in	0.188 in	81
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	409.5	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	103.5
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	409.5	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	103.5
AM182	2.10 in	8.50 in	10	7.25 in	5	228	445.5	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	139.5
AM184	2.10 in	8.50 in	10	7.25 in	5	228	445.5	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	139.5
AM213/215	2.76 in	8.50 in	11	7.25 in	5	228	494.5	3.38 in	0.25 in	15	1.52 in	1.375 in	0.312 in	188.5

Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 577. For dimensions of compound gear units (ex: KT49R37) see page 565.

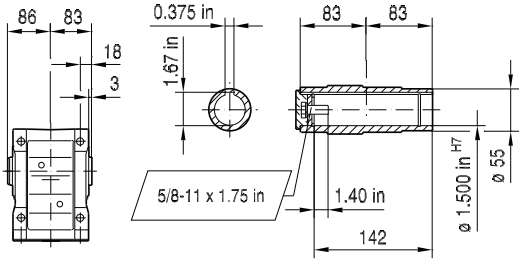
33 018 00 11

K57..

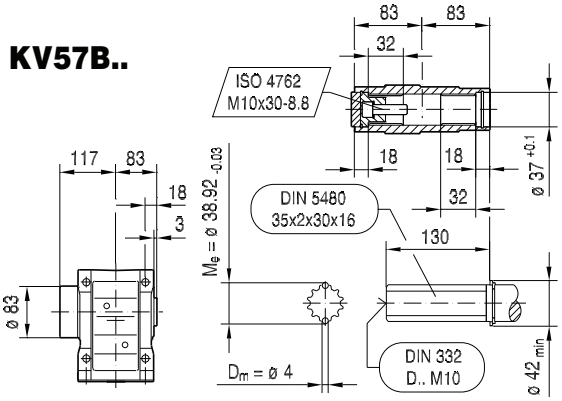


>= AM182

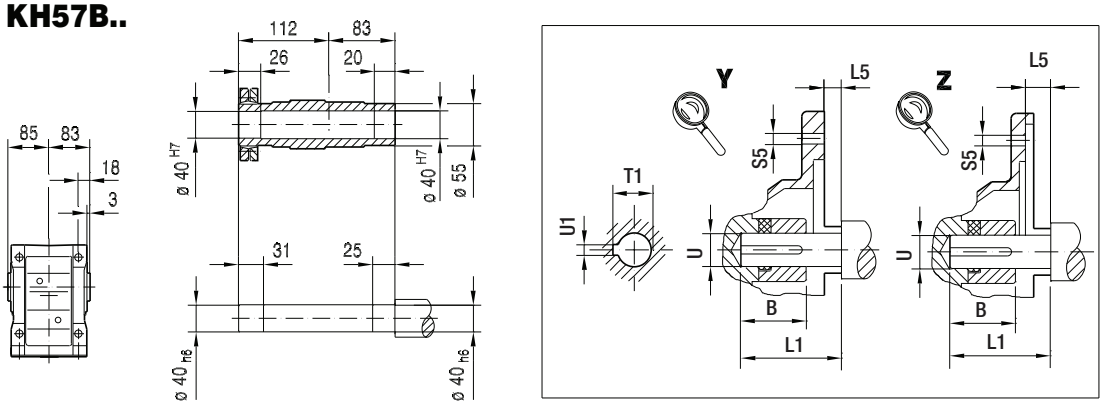
KA57B..



KV57B..



KH57B..

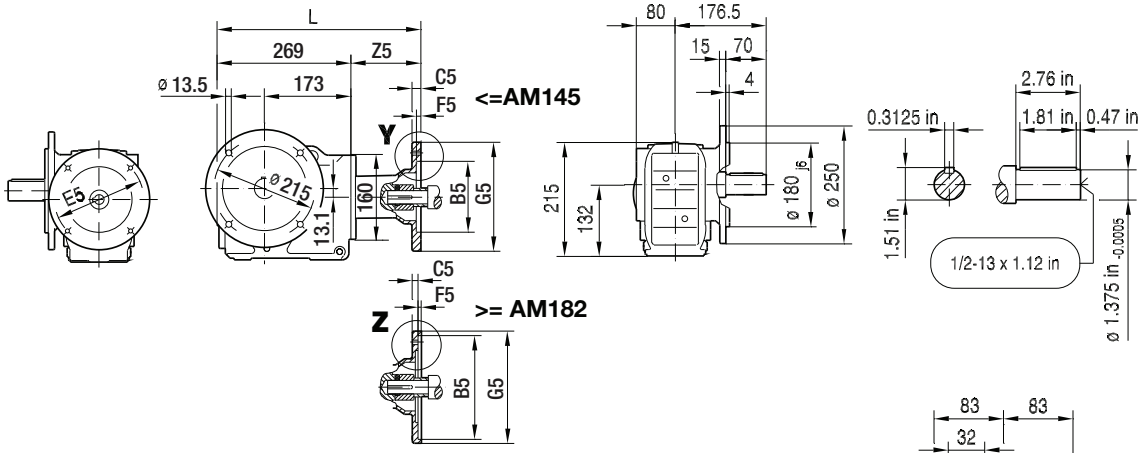


(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM56	1.23 in	4.50 in	11	5.875 in	4.5	170	340	1.88 in	-0.18 in	10.5	0.71 in	0.625 in	0.188 in	87
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	364	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	110.5
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	364	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	110.5
AM182	2.10 in	8.50 in	10	7.25 in	5	228	401	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	147.5
AM184	2.10 in	8.50 in	10	7.25 in	5	228	401	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	147.5
AM213/215	2.76 in	8.50 in	11	7.25 in	5	228	454	3.38 in	0.25 in	15	1.52 in	1.375 in	0.312 in	200.5

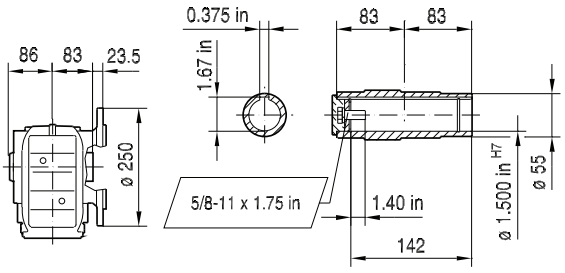
Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 573. For dimensions of compound gear units (ex: K57R37) see page 565.

33 019 00 11

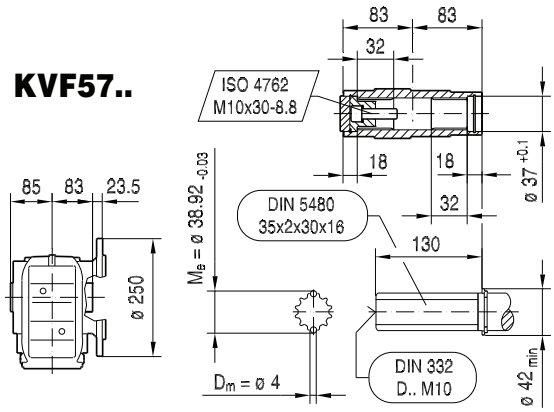
KF57..



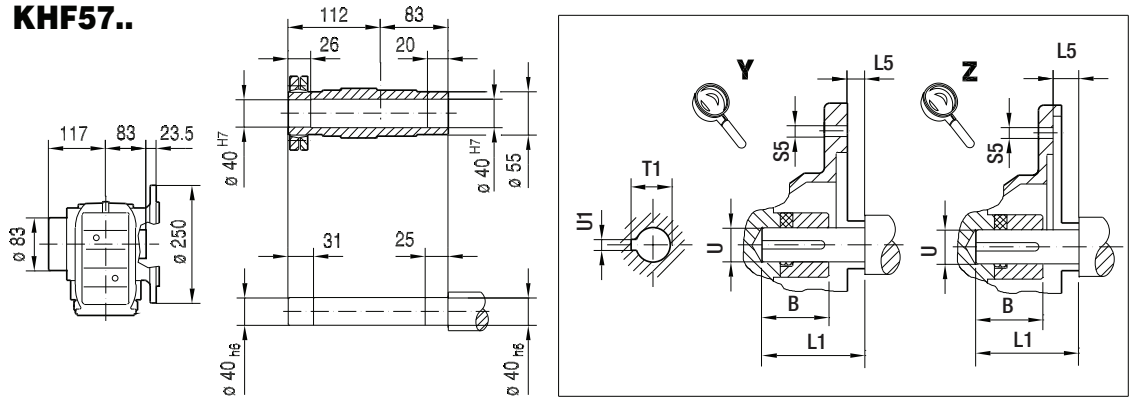
KAF57..



KVF57..



KHF57..

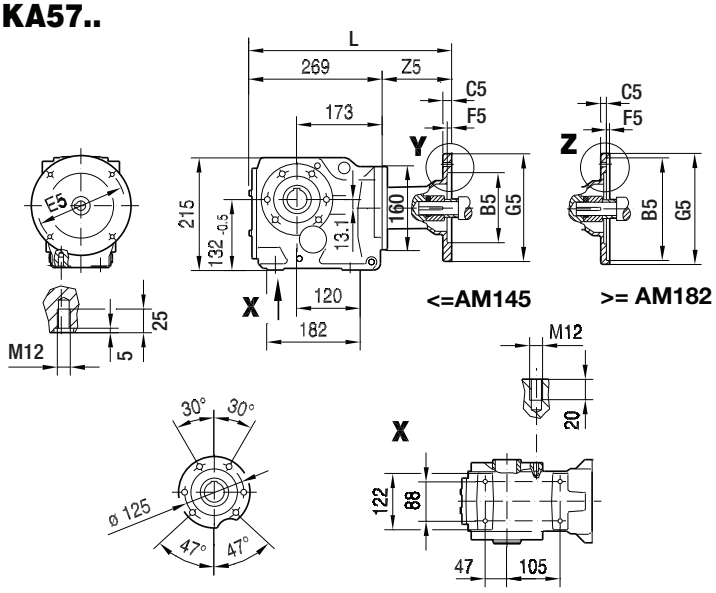


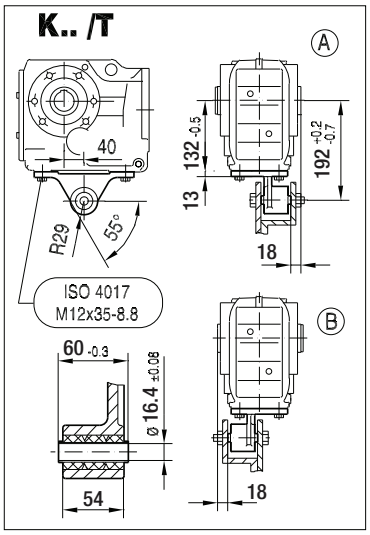
(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM56	1.23 in	4.50 in	11	5.875 in	4.5	170	356	1.88 in	-0.18 in	10.5	0.71 in	0.625 in	0.188 in	87
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	380	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	110.5
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	380	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	110.5
AM182	2.10 in	8.50 in	10	7.25 in	5	228	417	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	147.5
AM184	2.10 in	8.50 in	10	7.25 in	5	228	417	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	147.5
AM213/215	2.76 in	8.50 in	11	7.25 in	5	228	470	3.38 in	0.25 in	15	1.52 in	1.375 in	0.312 in	200.5

Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 573. For dimensions of compound gear units (ex: K57R37) see page 565.

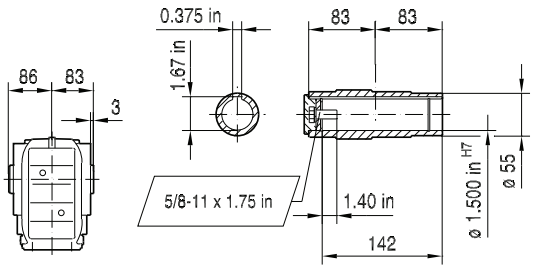
33 020 00 11

KA57..

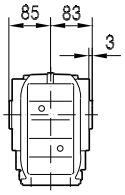


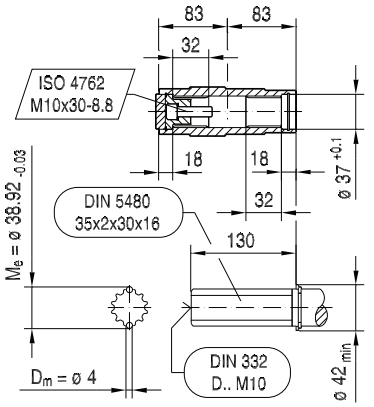


KA57..

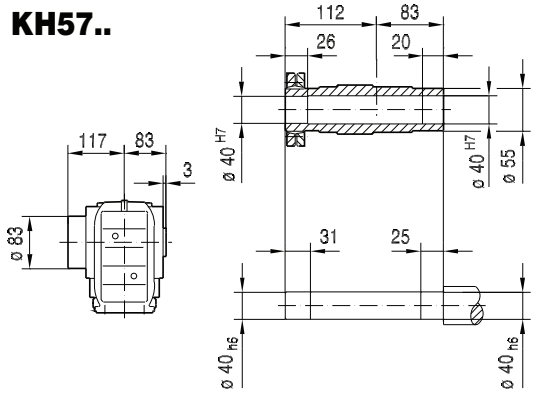


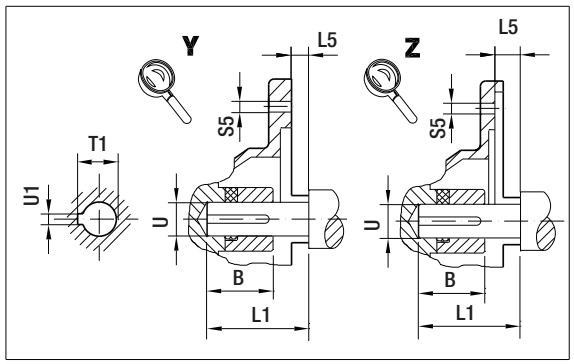
KV57..





KH57..



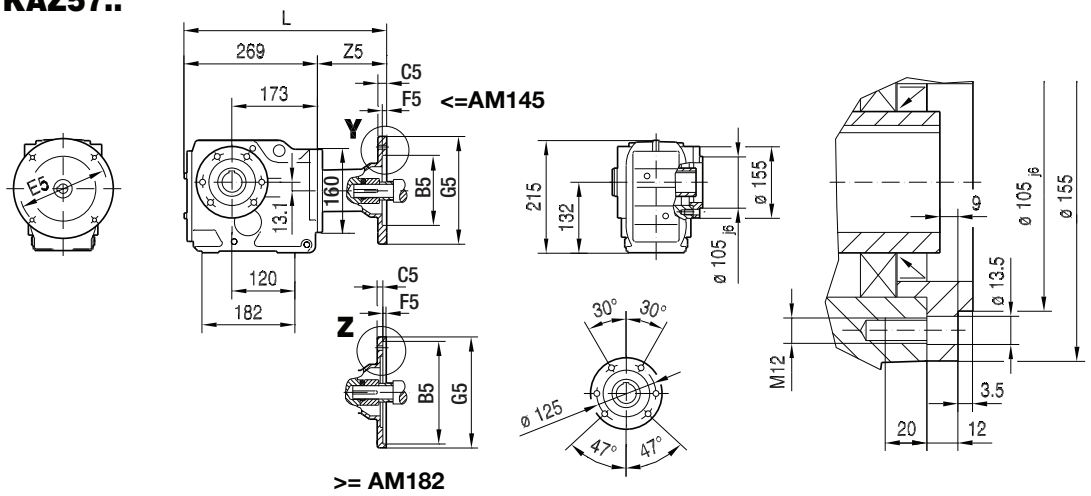


(→ 132)	B	B5	C5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM56	1.23 in	4.50 in	11	4.5	170	356	1.88 in	-0.18 in	10.5	0.71 in	0.625 in	0.188 in	87
AM143	1.68 in	4.50 in	12	4.5	170	380	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	110.5
AM145	1.68 in	4.50 in	12	4.5	170	380	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	110.5
AM182	2.10 in	8.50 in	10	5	228	417	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	147.5
AM184	2.10 in	8.50 in	10	5	228	417	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	147.5
AM213/215	2.76 in	8.50 in	11	5	228	470	3.38 in	0.25 in	15	1.52 in	1.375 in	0.312 in	200.5

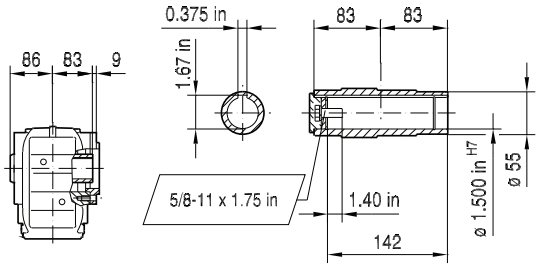
Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 575. For dimensions of compound gear units (ex: KA57R37) see page 565.

33 021 00 11

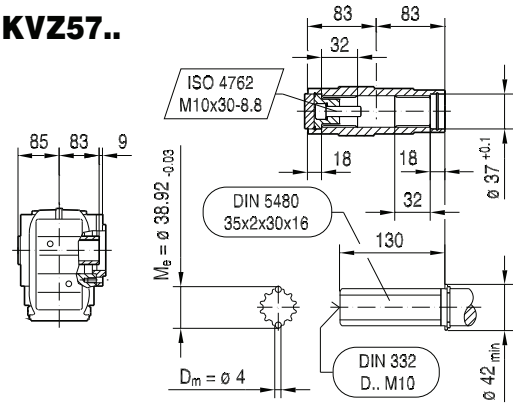
KAZ57..



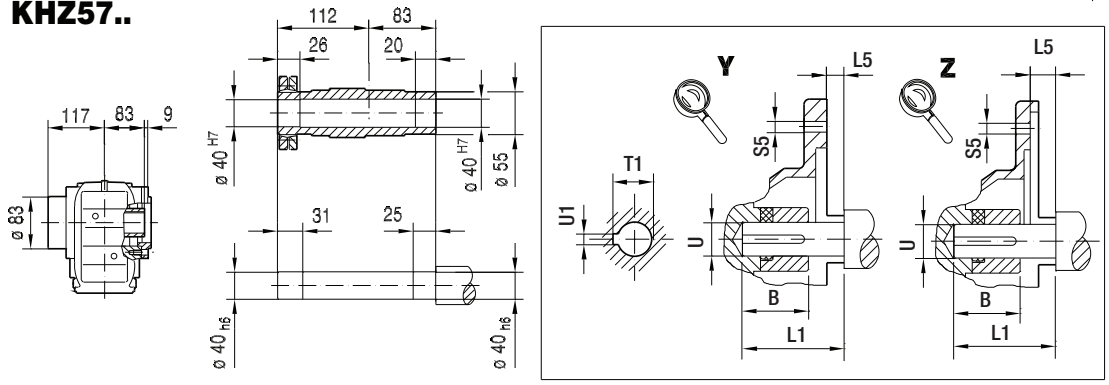
KAZ57..



KVZ57..



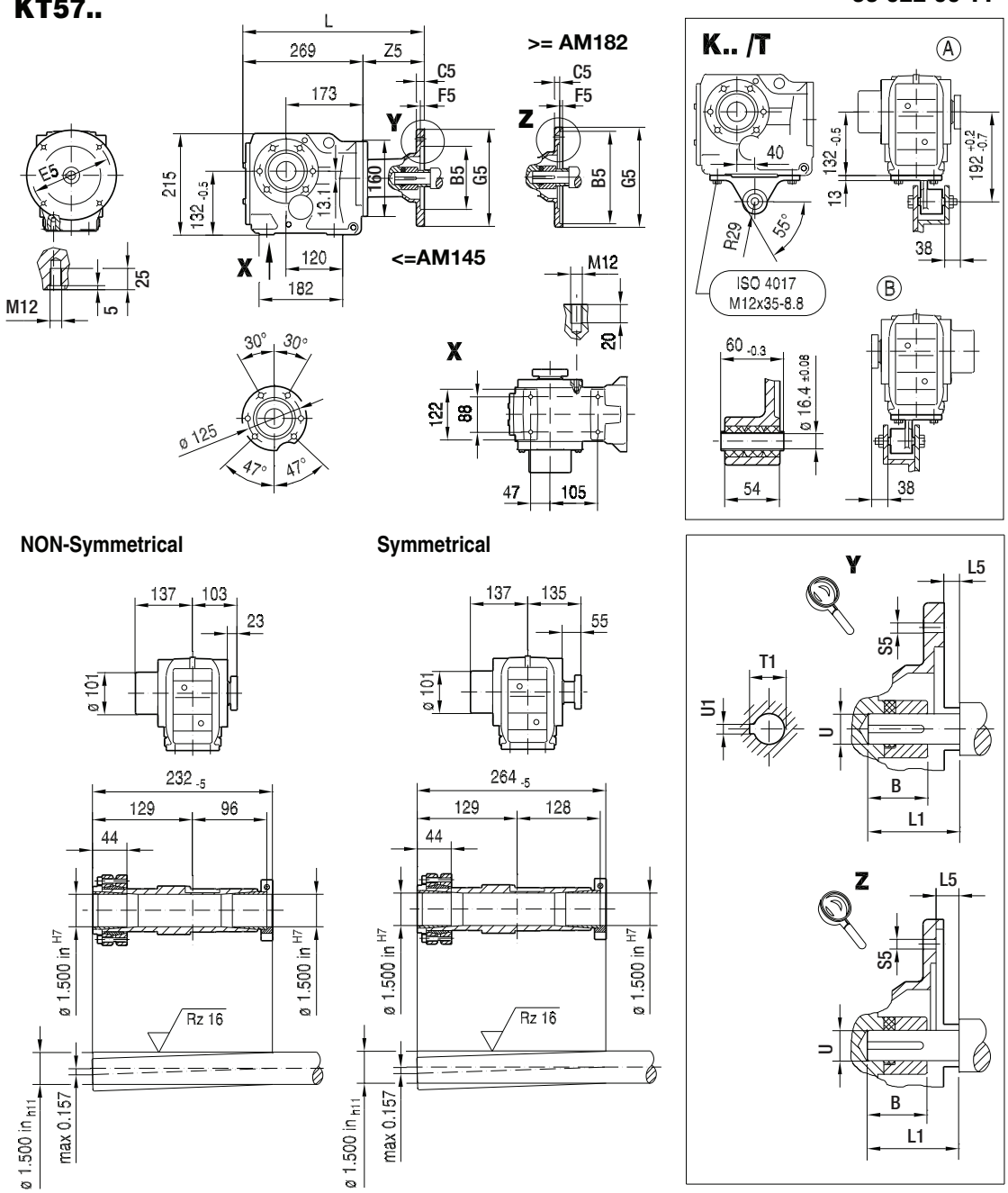
KHZ57..



(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM56	1.23 in	4.50 in	11	5.875 in	4.5	170	356	1.88 in	-0.18 in	10.5	0.71 in	0.625 in	0.188 in	87
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	380	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	110.5
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	380	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	110.5
AM182	2.10 in	8.50 in	10	7.25 in	5	228	417	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	147.5
AM184	2.10 in	8.50 in	10	7.25 in	5	228	417	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	147.5
AM213/215	2.76 in	8.50 in	11	7.25 in	5	228	470	3.38 in	0.25 in	15	1.52 in	1.375 in	0.312 in	200.5

Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 575. For dimensions of compound gear units (ex: KAZ57R37) see page 565.

33 022 00 11

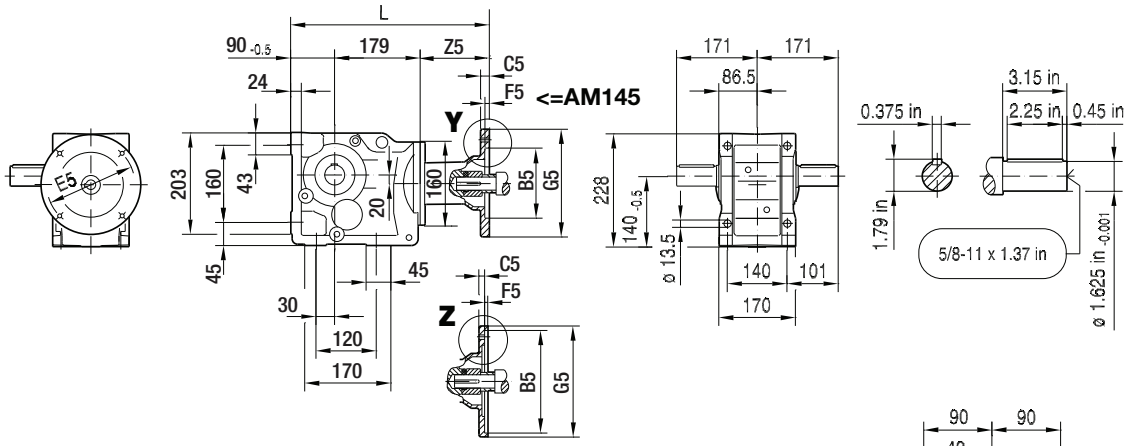


(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM56	1.23 in	4.50 in	11	5.875 in	4.5	170	356	1.88 in	-0.18 in	10.5	0.71 in	0.625 in	0.188 in	87
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	380	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	110.5
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	380	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	110.5
AM182	2.10 in	8.50 in	10	7.25 in	5	228	417	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	147.5
AM184	2.10 in	8.50 in	10	7.25 in	5	228	417	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	147.5
AM213/215	2.76 in	8.50 in	11	7.25 in	5	228	470	3.38 in	0.25 in	15	1.52 in	1.375 in	0.312 in	200.5

Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 577. For dimensions of compound gear units (ex: KT57R37) see page 565.

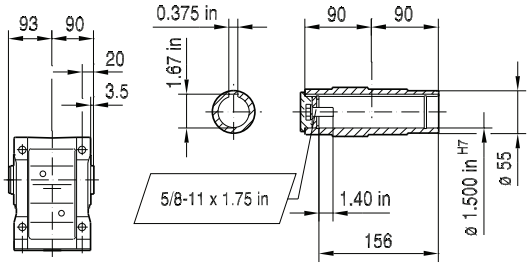
33 023 00 11

K67..

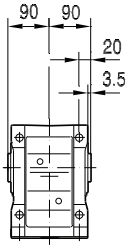


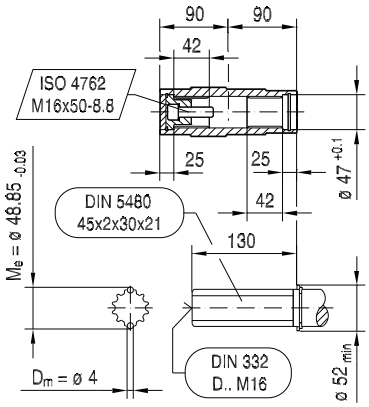
KA67B..

>= AM182

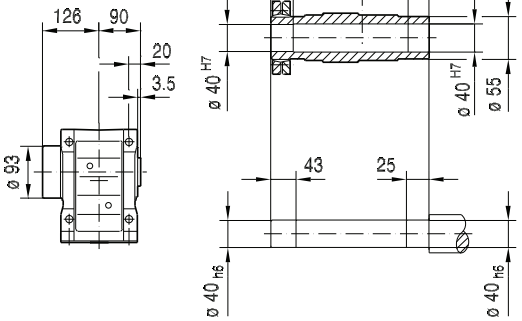


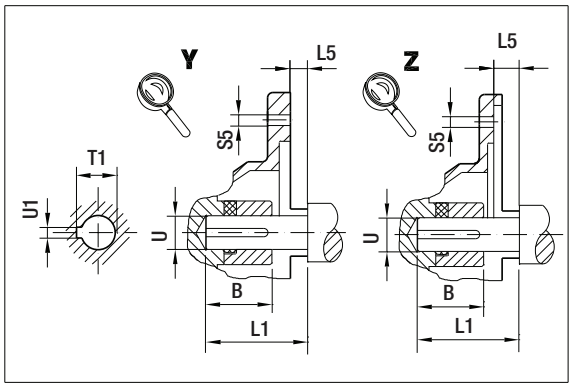
KV67B..





KH67B..



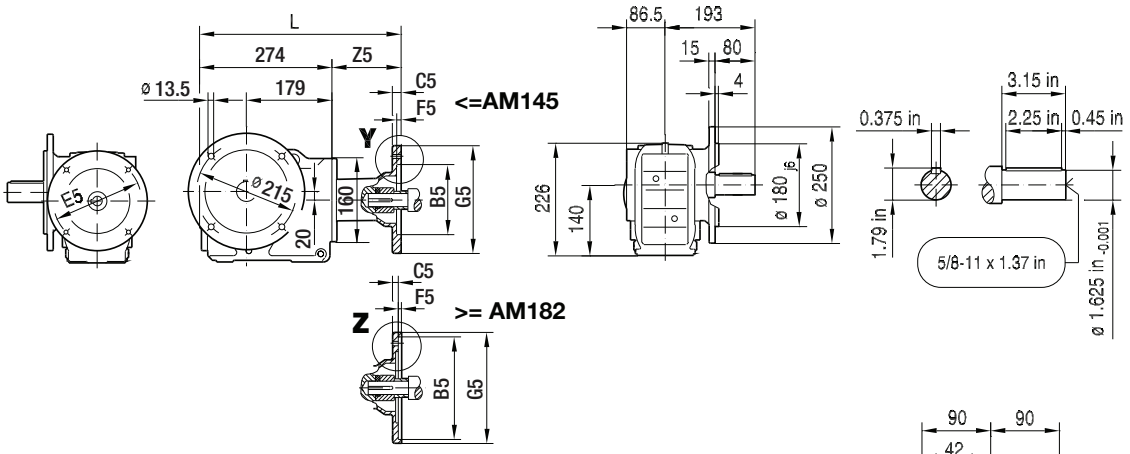


(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM56	1.23 in	4.50 in	11	5.875 in	4.5	170	356	1.88 in	-0.18 in	10.5	0.71 in	0.625 in	0.188 in	87
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	380	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	110.5
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	380	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	110.5
AM182	2.10 in	8.50 in	10	7.25 in	5	228	417	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	147.5
AM184	2.10 in	8.50 in	10	7.25 in	5	228	417	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	147.5
AM213/215	2.76 in	8.50 in	11	7.25 in	5	228	470	3.38 in	0.25 in	15	1.52 in	1.375 in	0.312 in	200.5

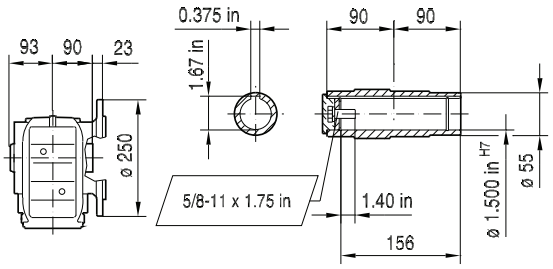
Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 573. For dimensions of compound gear units (ex: K67R37) see page 565.

33 024 00 11

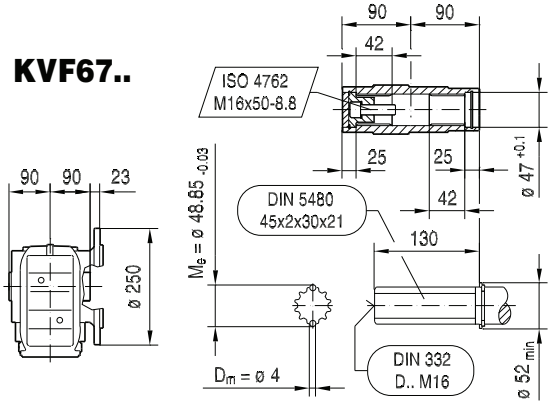
KF67..



KAF67..



KVF67..



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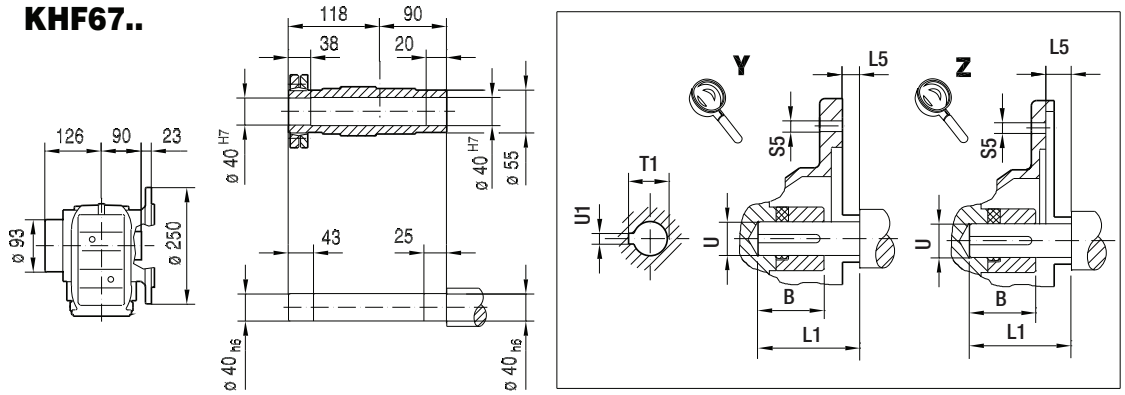
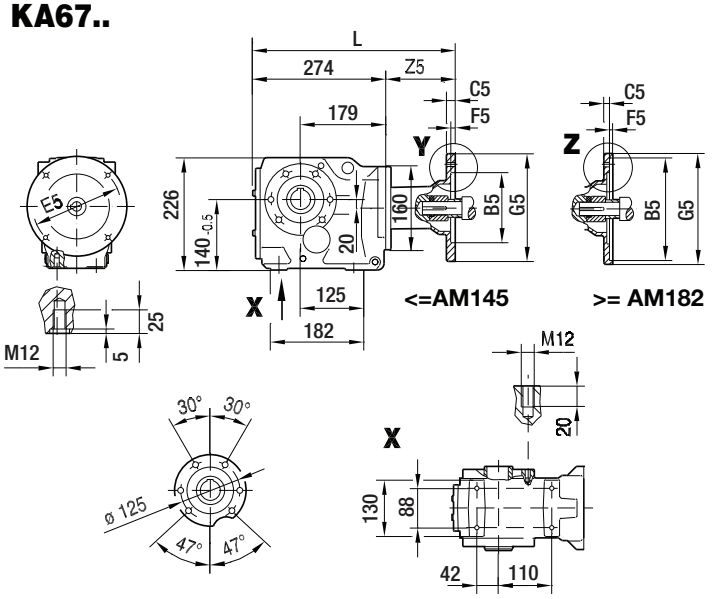


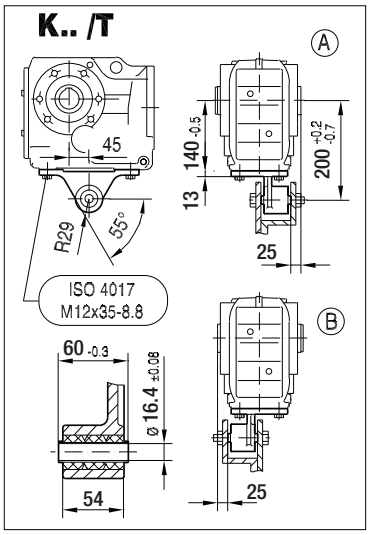
(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM56	1.23 in	4.50 in	11	5.875 in	4.5	170	361	1.88 in	-0.18 in	10.5	0.71 in	0.625 in	0.188 in	87
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	385	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	110.5
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	385	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	110.5
AM182	2.10 in	8.50 in	10	7.25 in	5	228	422	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	147.5
AM184	2.10 in	8.50 in	10	7.25 in	5	228	422	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	147.5
AM213/215	2.76 in	8.50 in	11	7.25 in	5	228	475	3.38 in	0.25 in	15	1.52 in	1.375 in	0.312 in	200.5

Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 573. For dimensions of compound gear units (ex: KF67R37) see page 565.

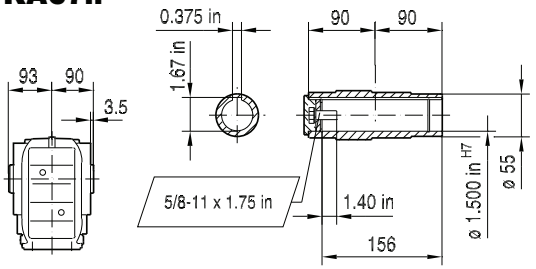
33 025 00 11

KA67..

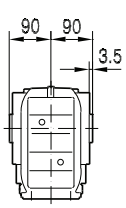


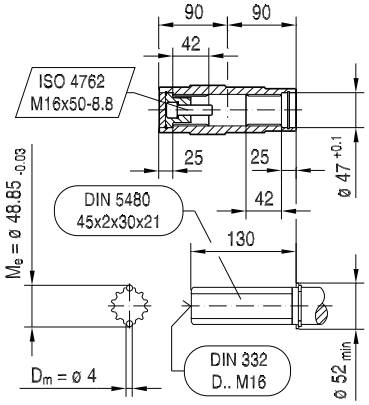


KA67..

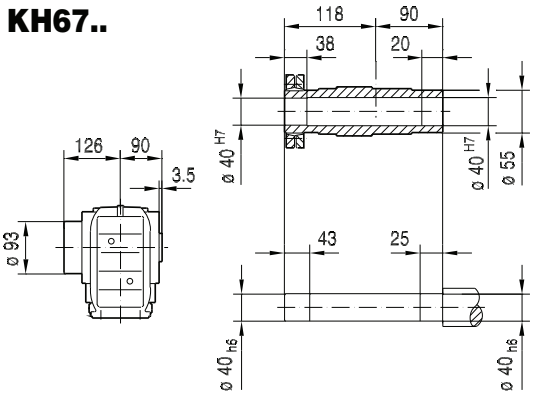


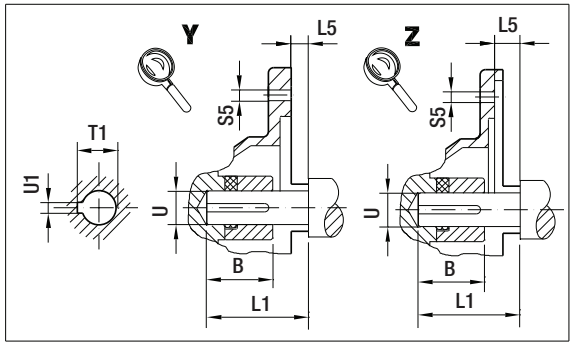
KV67..





KH67..



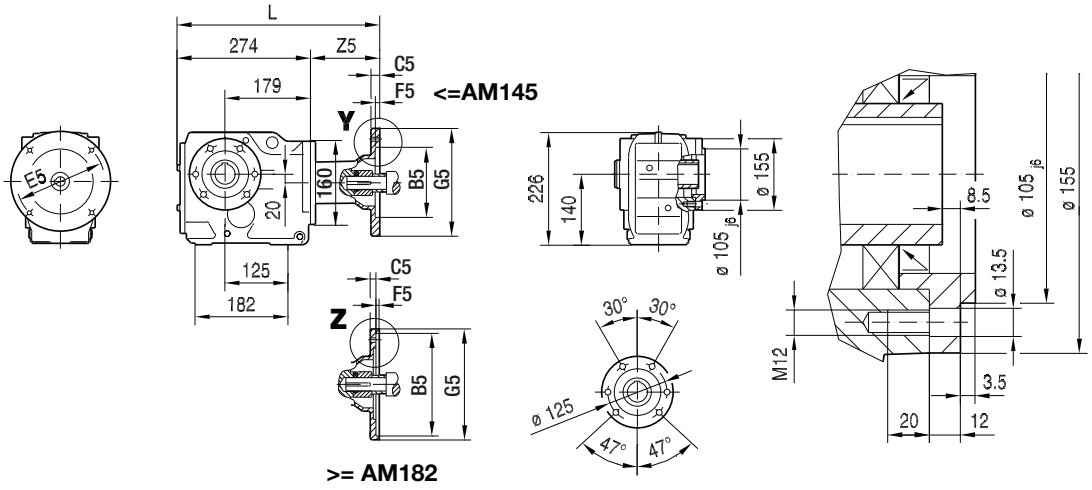


(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM56	1.23 in	4.50 in	11	5.875 in	4.5	170	361	1.88 in	-0.18 in	10.5	0.71 in	0.625 in	0.188 in	87
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	385	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	110.5
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	385	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	110.5
AM182	2.10 in	8.50 in	10	7.25 in	5	228	422	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	147.5
AM184	2.10 in	8.50 in	10	7.25 in	5	228	422	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	147.5
AM213/215	2.76 in	8.50 in	11	7.25 in	5	228	475	3.38 in	0.25 in	15	1.52 in	1.375 in	0.312 in	200.5

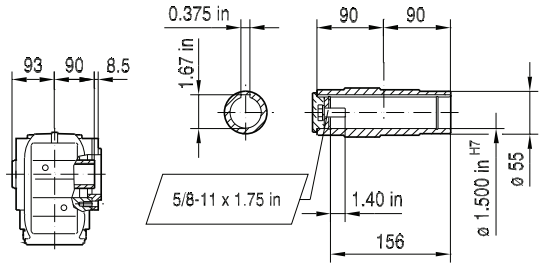
Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 575. For dimensions of compound gear units (ex: KA67R37) see page 565.

33 026 00 11

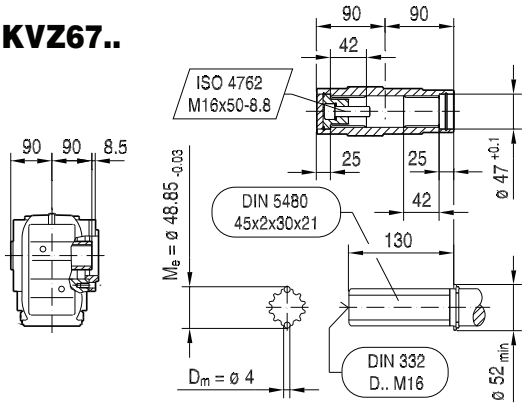
KAZ67..



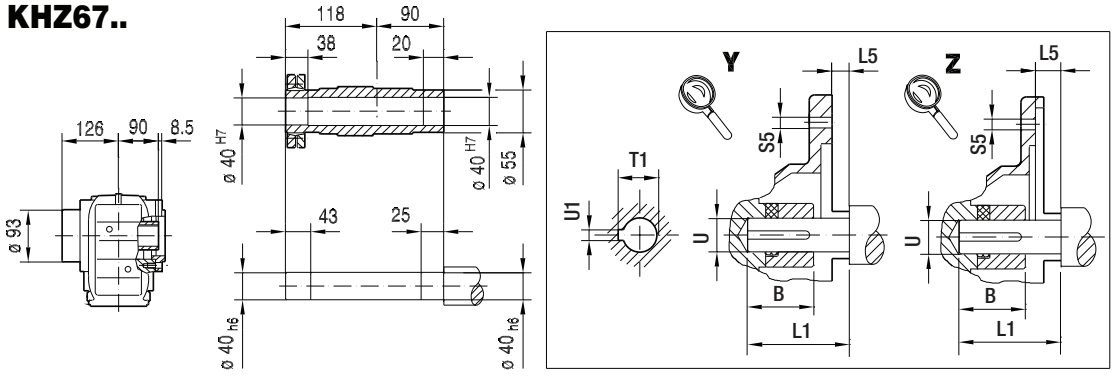
KAZ67..



KVZ67..



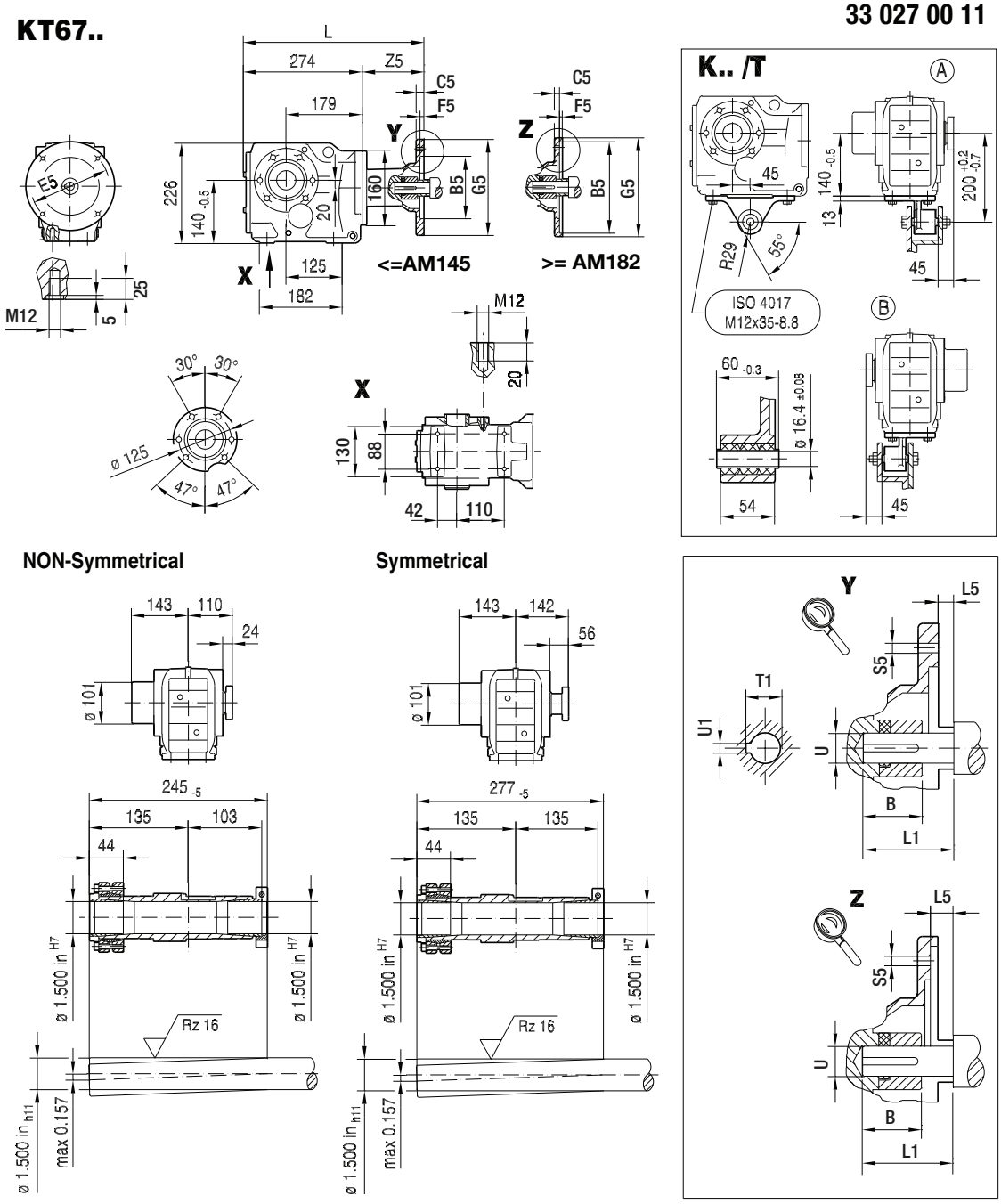
KHZ67..



(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM56	1.23 in	4.50 in	11	5.875 in	4.5	170	361	1.88 in	-0.18 in	10.5	0.71 in	0.625 in	0.188 in	87
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	385	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	110.5
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	385	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	110.5
AM182	2.10 in	8.50 in	10	7.25 in	5	228	422	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	147.5
AM184	2.10 in	8.50 in	10	7.25 in	5	228	422	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	147.5
AM213/215	2.76 in	8.50 in	11	7.25 in	5	228	475	3.38 in	0.25 in	15	1.52 in	1.375 in	0.312 in	200.5

Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 575. For dimensions of compound gear units (ex: KAZ67R37) see page 565.

33 027 00 11

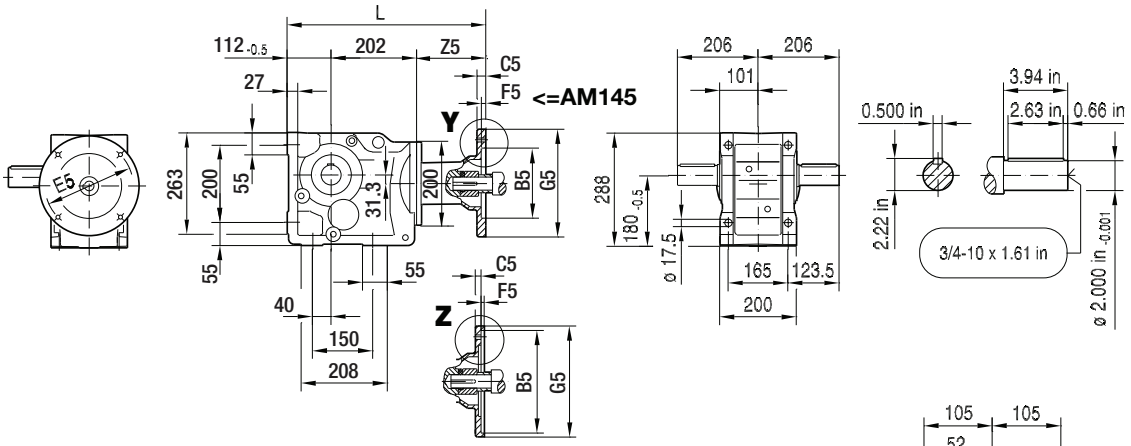


(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM56	1.23 in	4.50 in	11	5.875 in	4.5	170	361	1.88 in	-0.18 in	10.5	0.71 in	0.625 in	0.188 in	87
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	385	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	110.5
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	385	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	110.5
AM182	2.10 in	8.50 in	10	7.25 in	5	228	422	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	147.5
AM184	2.10 in	8.50 in	10	7.25 in	5	228	422	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	147.5
AM213/215	2.76 in	8.50 in	11	7.25 in	5	228	475	3.38 in	0.25 in	15	1.52 in	1.375 in	0.312 in	200.5

Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 577. For dimensions of compound gear units (ex: KT67R37) see page 565.

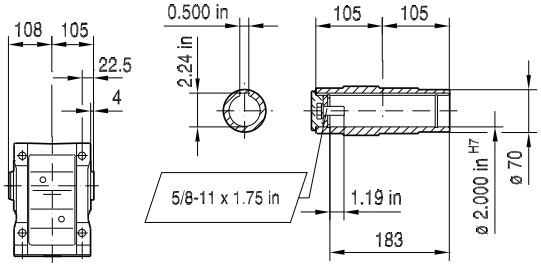
33 028 00 11

K77..

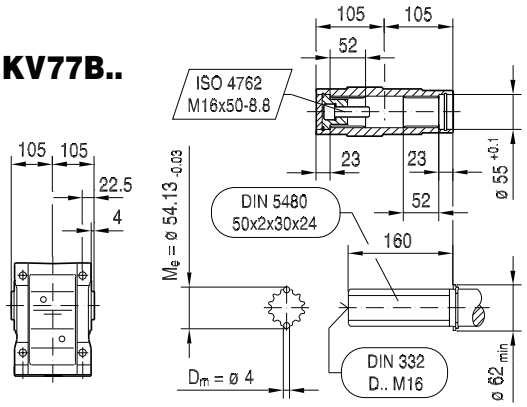


>= AM182

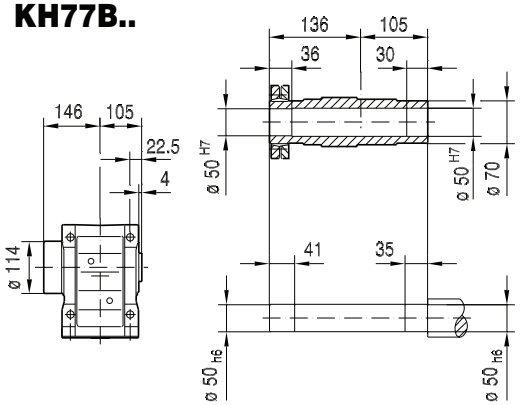
KA77B..

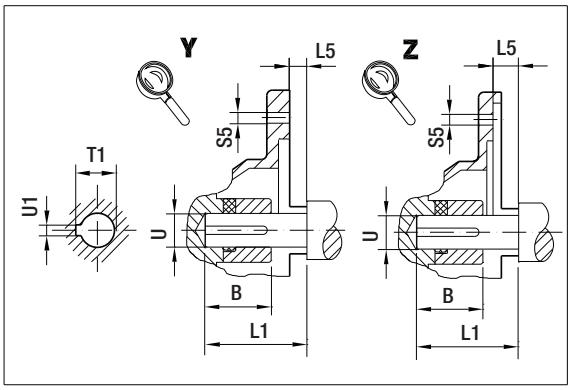


KV77B..



KH77B..



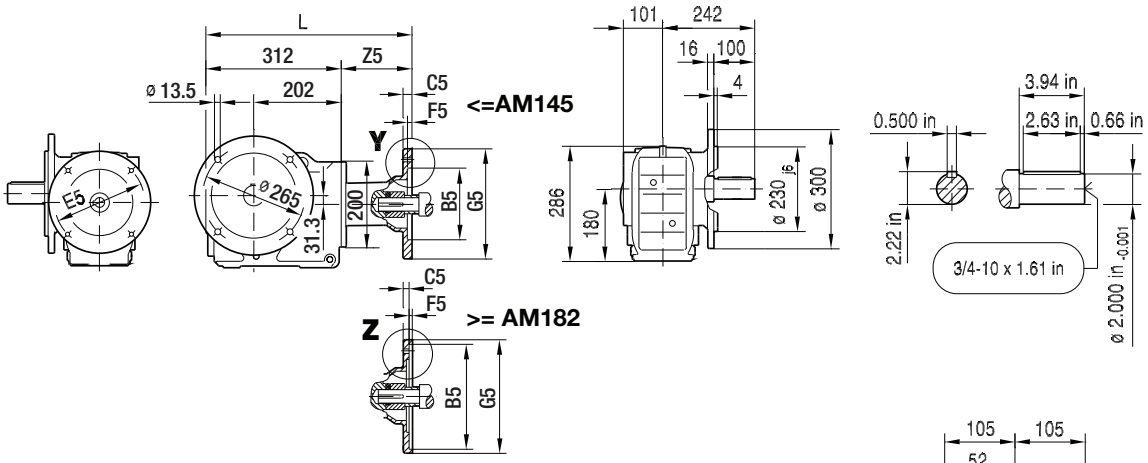


(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM56	1.23 in	4.50 in	11	5.875 in	4.5	170	395	1.88 in	-0.18 in	10.5	0.71 in	0.625 in	0.188 in	81
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	418	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	103.5
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	418	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	103.5
AM182	2.10 in	8.50 in	10	7.25 in	5	228	454	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	139.5
AM184	2.10 in	8.50 in	10	7.25 in	5	228	454	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	139.5
AM213/215	2.76 in	8.50 in	11	7.25 in	5	228	503	3.38 in	0.25 in	15	1.52 in	1.375 in	0.312 in	188.5

Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 573. For dimensions of compound gear units (ex: K77R37) see page 565.

33 029 00 11

KF77..



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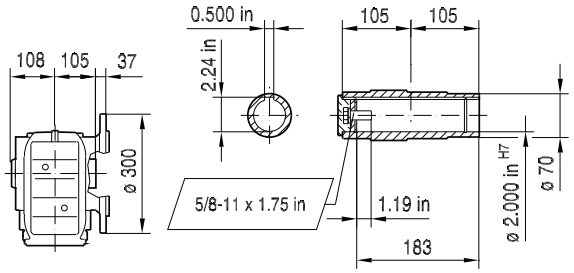
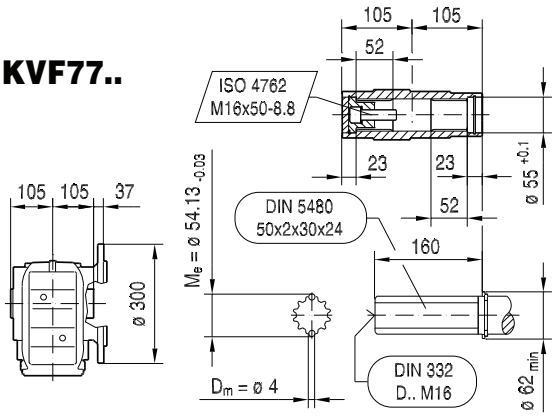
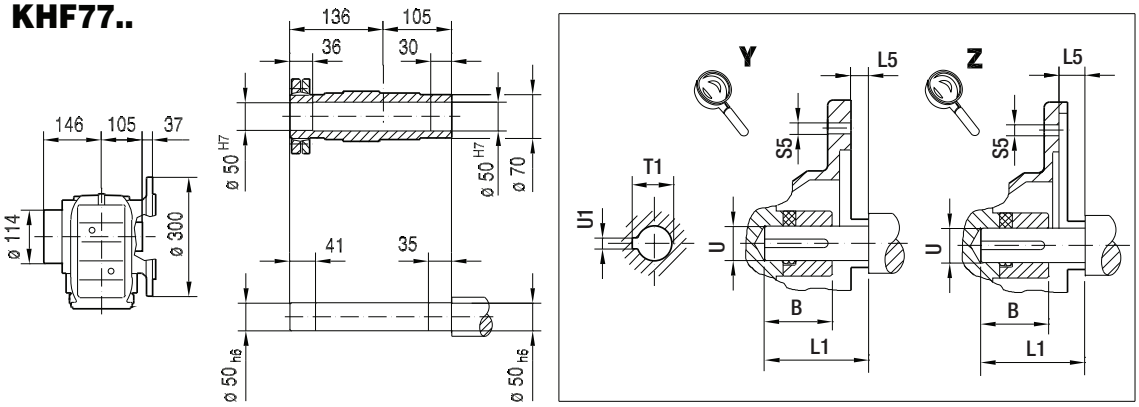


KVF77..



KHF77..

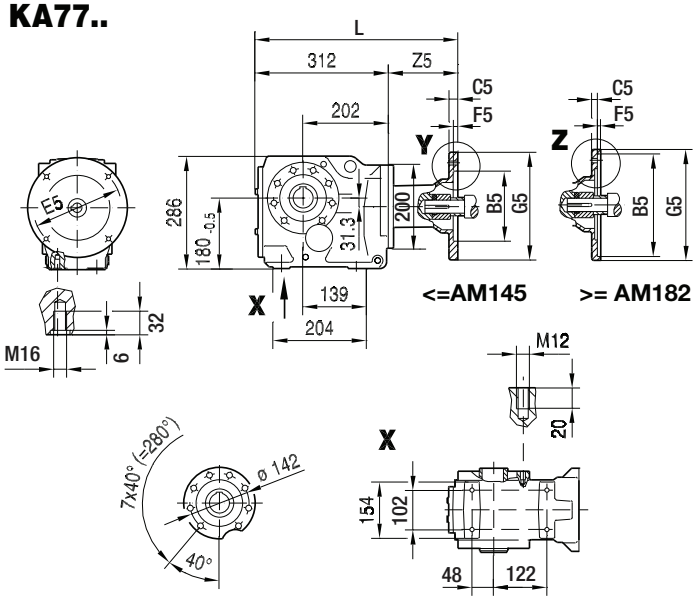


(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM56	1.23 in	4.50 in	11	5.875 in	4.5	170	393	1.88 in	-0.18 in	10.5	0.71 in	0.625 in	0.188 in	81
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	416	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	103.5
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	416	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	103.5
AM182	2.10 in	8.50 in	10	7.25 in	5	228	452	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	139.5
AM184	2.10 in	8.50 in	10	7.25 in	5	228	452	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	139.5
AM213/215	2.76 in	8.50 in	11	7.25 in	5	228	501	3.38 in	0.25 in	15	1.52 in	1.375 in	0.312 in	188.5

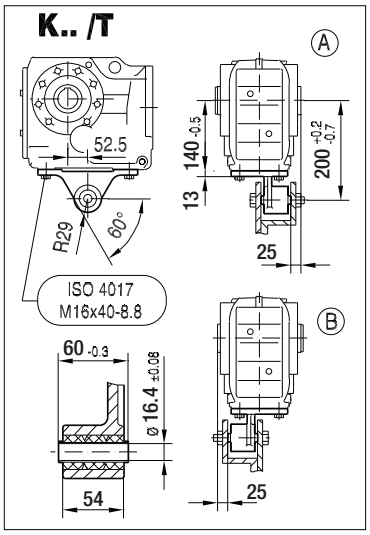
Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 573. For dimensions of compound gear units (ex: KF77R37) see page 565.

33 030 00 11

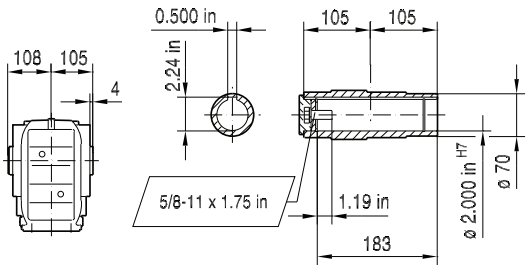
KA77..



K.. /T



KA77..



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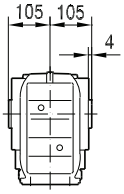
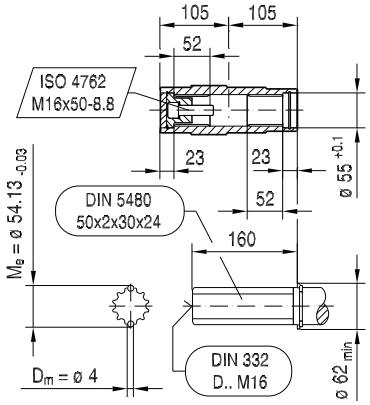
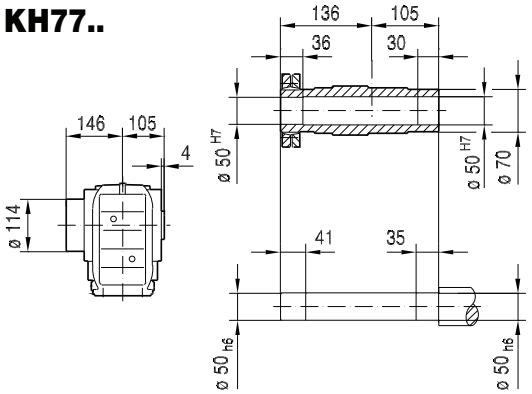
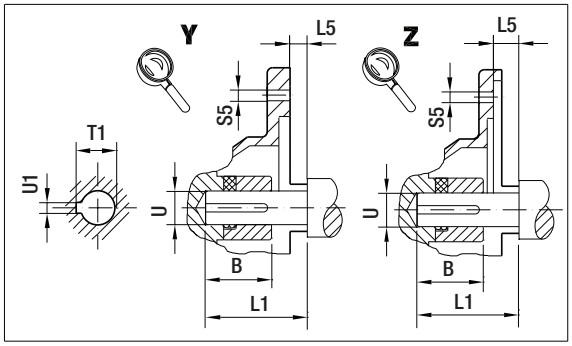




KH77..



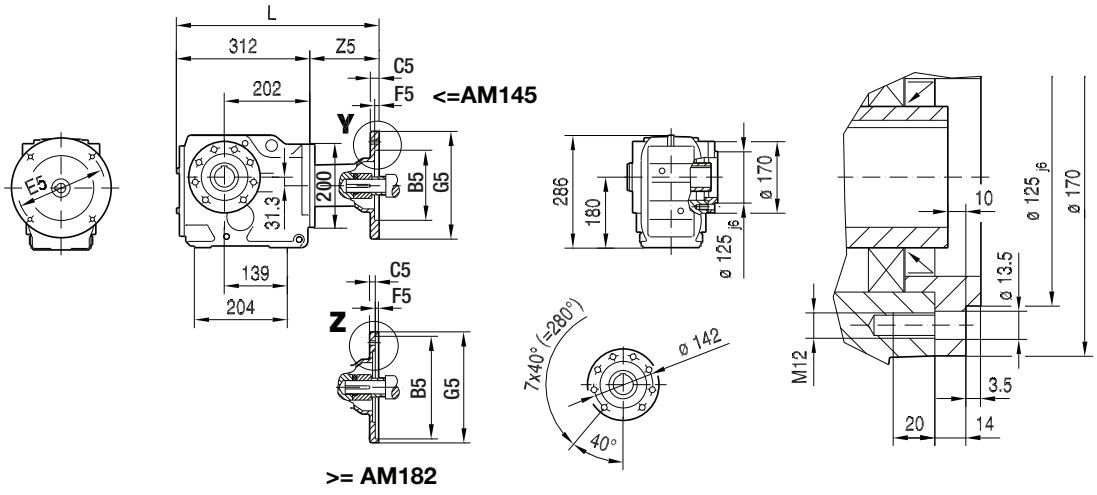


(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM56	1.23 in	4.50 in	11	5.875 in	4.5	170	393	1.88 in	-0.18 in	10.5	0.71 in	0.625 in	0.188 in	81
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	416	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	103.5
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	416	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	103.5
AM182	2.10 in	8.50 in	10	7.25 in	5	228	452	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	139.5
AM184	2.10 in	8.50 in	10	7.25 in	5	228	452	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	139.5
AM213/215	2.76 in	8.50 in	11	7.25 in	5	228	501	3.38 in	0.25 in	15	1.52 in	1.375 in	0.312 in	188.5

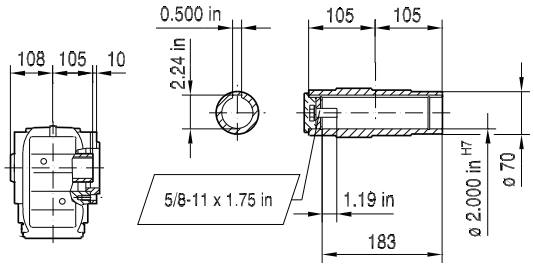
Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 575. For dimensions of compound gear units (ex: KA77R37) see page 565.

33 031 00 11

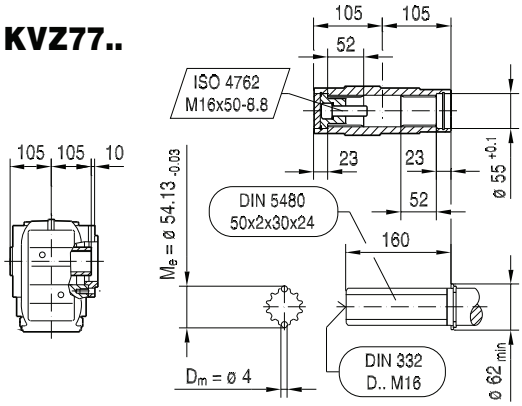
KAZ77..



KAZ77..



KVZ77..



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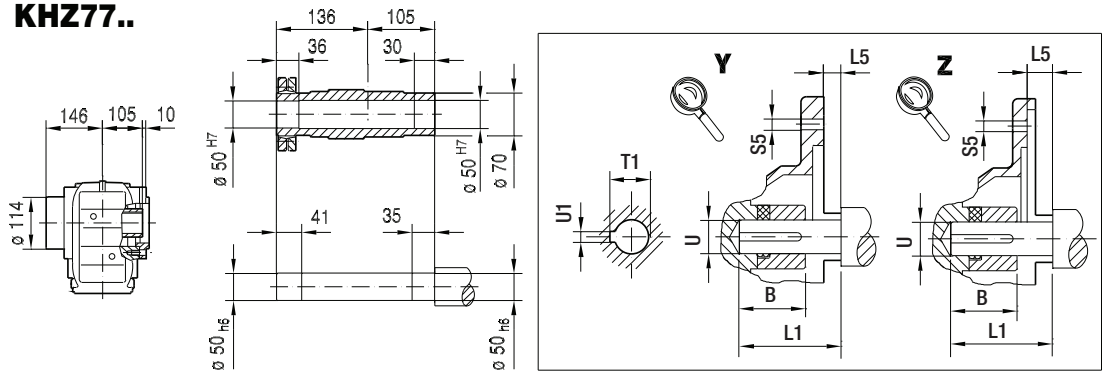
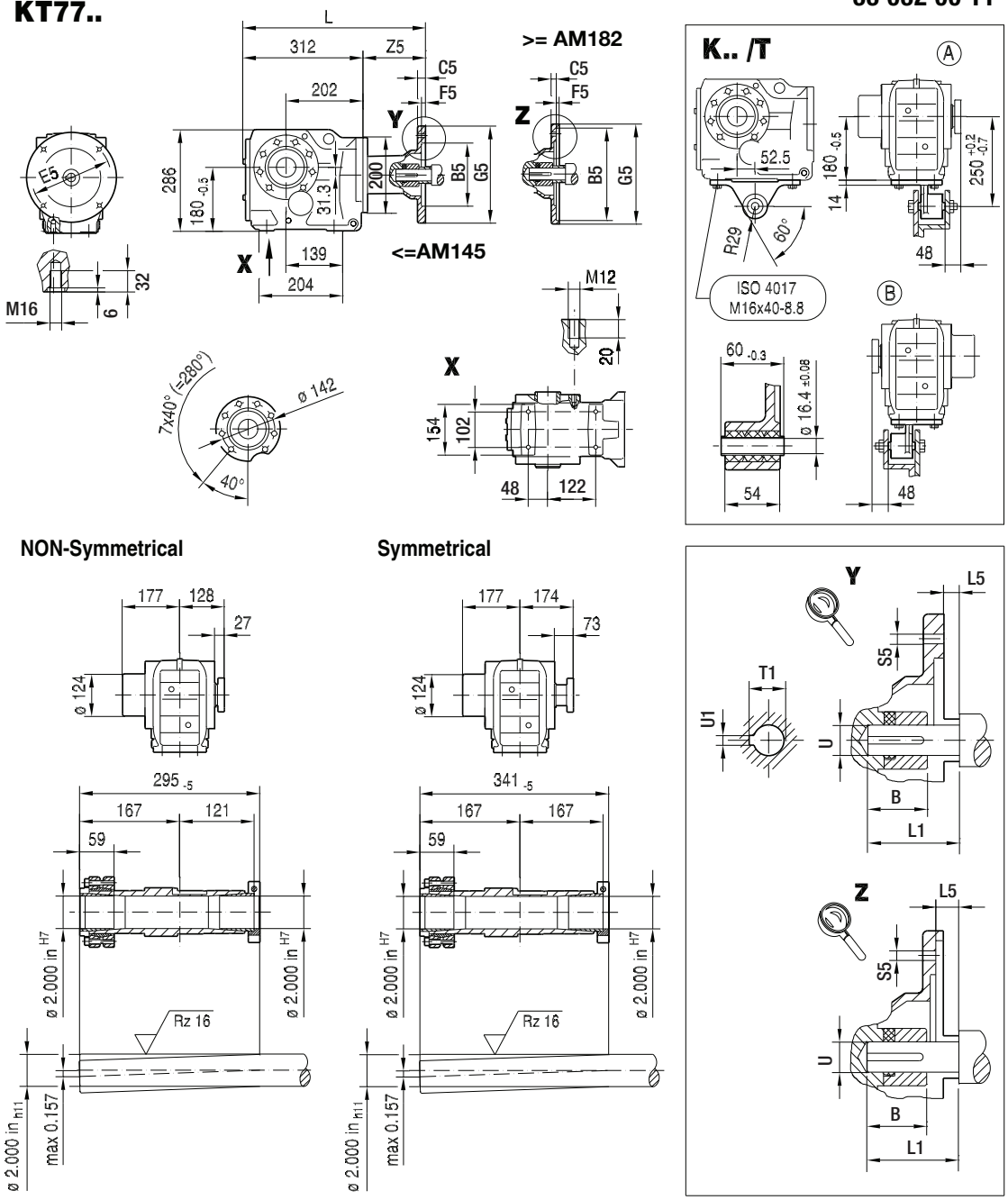


(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM56	1.23 in	4.50 in	11	5.875 in	4.5	170	393	1.88 in	-0.18 in	10.5	0.71 in	0.625 in	0.188 in	81
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	416	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	103.5
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	416	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	103.5
AM182	2.10 in	8.50 in	10	7.25 in	5	228	452	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	139.5
AM184	2.10 in	8.50 in	10	7.25 in	5	228	452	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	139.5
AM213/215	2.76 in	8.50 in	11	7.25 in	5	228	501	3.38 in	0.25 in	15	1.52 in	1.375 in	0.312 in	188.5

Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 575. For dimensions of compound gear units (ex: KAZ77R37) see page 565.

33 032 00 11

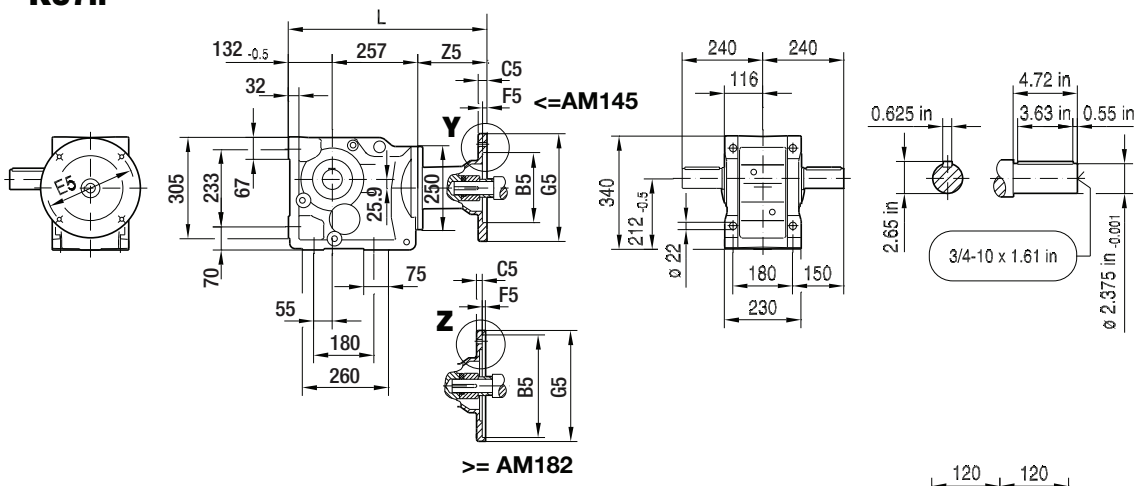


(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM56	1.23 in	4.50 in	11	5.875 in	4.5	170	393	1.88 in	-0.18 in	10.5	0.71 in	0.625 in	0.188 in	81
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	416	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	103.5
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	416	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	103.5
AM182	2.10 in	8.50 in	10	7.25 in	5	228	452	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	139.5
AM184	2.10 in	8.50 in	10	7.25 in	5	228	452	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	139.5
AM213/215	2.76 in	8.50 in	11	7.25 in	5	228	501	3.38 in	0.25 in	15	1.52 in	1.375 in	0.312 in	188.5

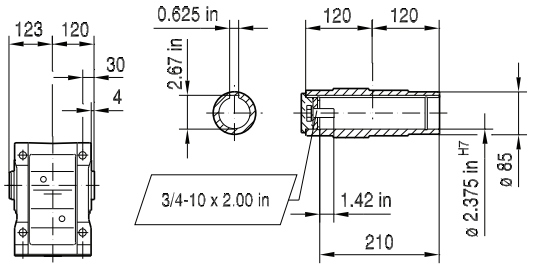
Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 577. For dimensions of compound gear units (ex: KT77R37) see page 565.

33 033 00 11

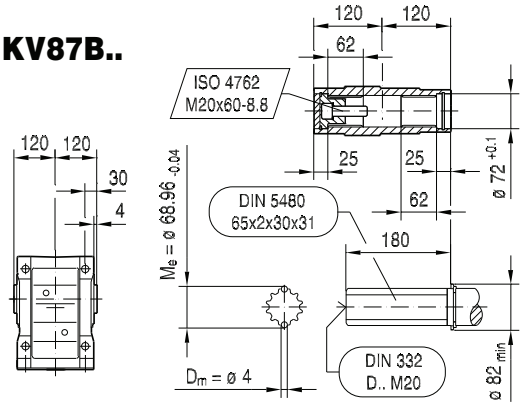
K87..



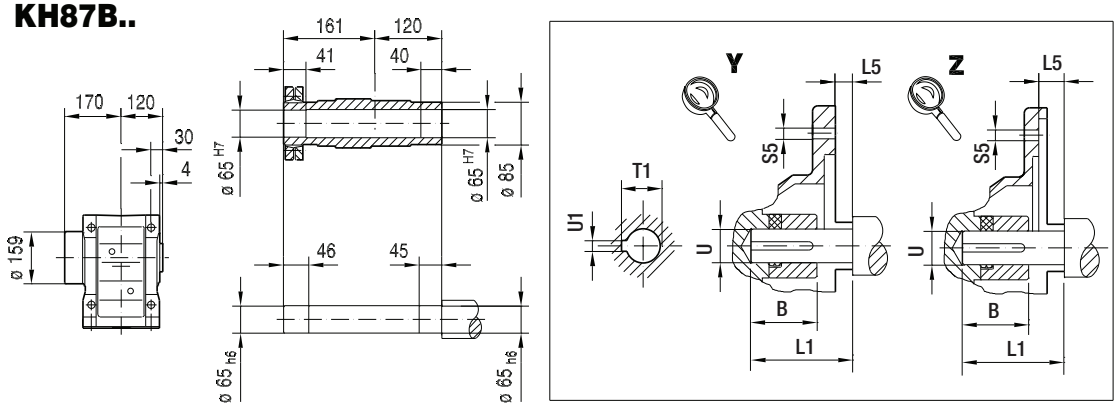
KA87B..



KV87B..



KH87B..

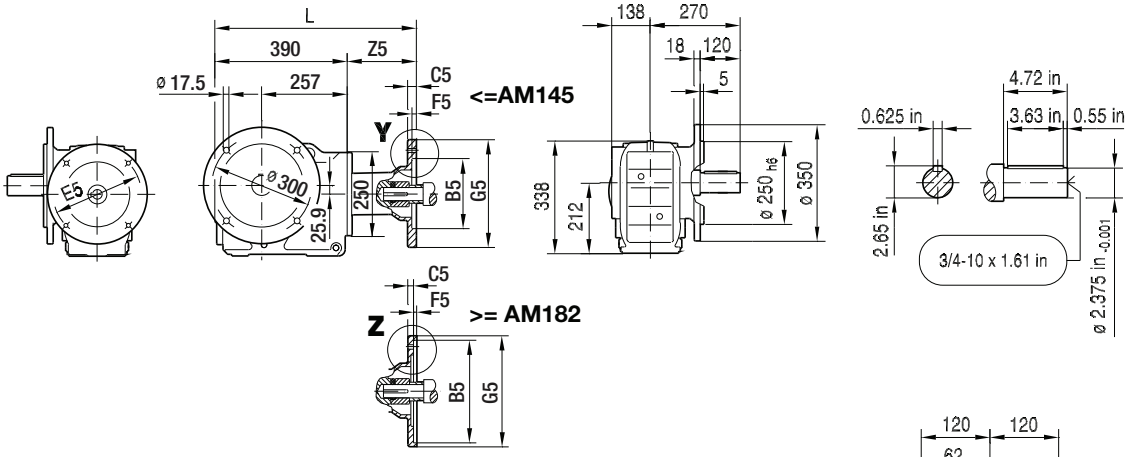


(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	488	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	98.5
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	488	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	98.5
AM182	2.10 in	8.50 in	10	7.25 in	5	228	524	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	134.5
AM184	2.10 in	8.50 in	10	7.25 in	5	228	524	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	134.5
AM213/215	2.76 in	8.50 in	11	7.25 in	5	228	573	3.38 in	0.25 in	15	1.52 in	1.375 in	0.312 in	183.5
AM254/256	3.65 in	8.50 in	14	7.25 in	5	228	623	4.00 in	0.25 in	15	1.80 in	1.625 in	0.375 in	234
AM284/286	4.00 in	10.50 in	15	9.00 in	5	286	630	4.62 in	0.25 in	15	2.10 in	1.875 in	0.500 in	241

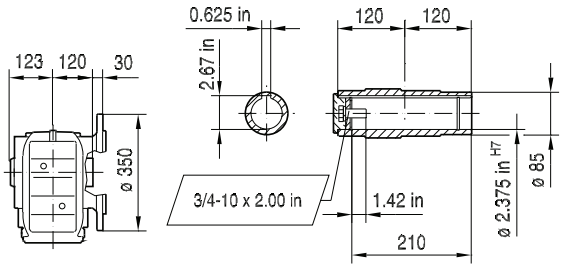
Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 573. For dimensions of compound gear units (ex: K87R57) see page 565.

33 034 00 11

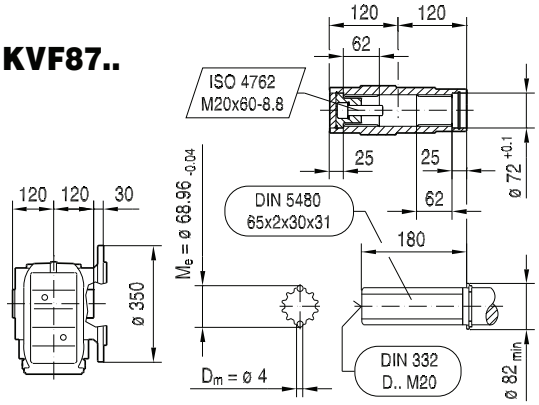
KF87..



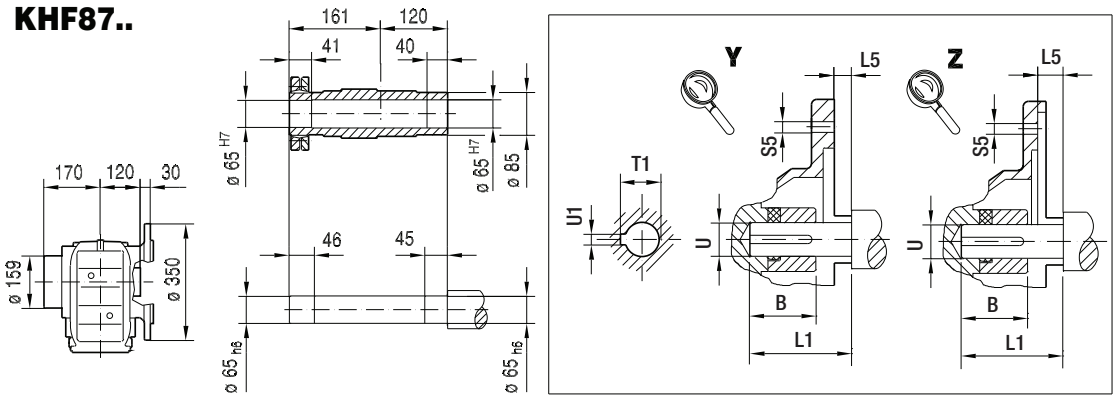
KAF87..



KVF87..



KHF87..

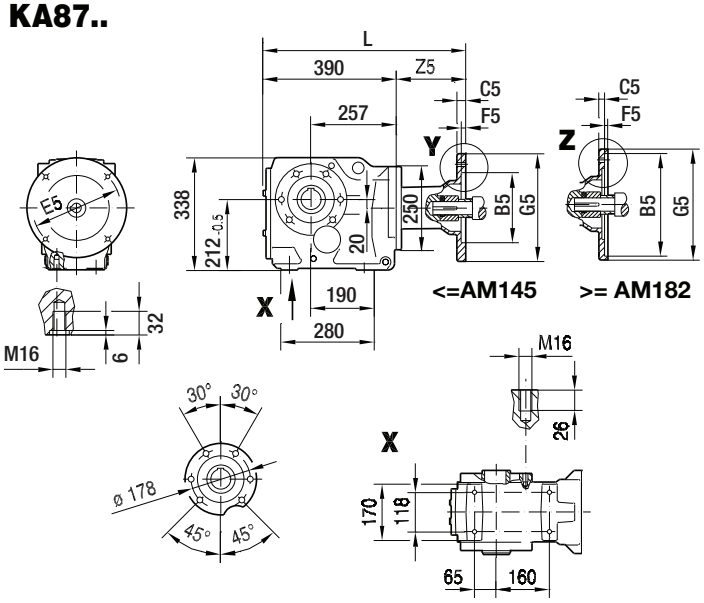


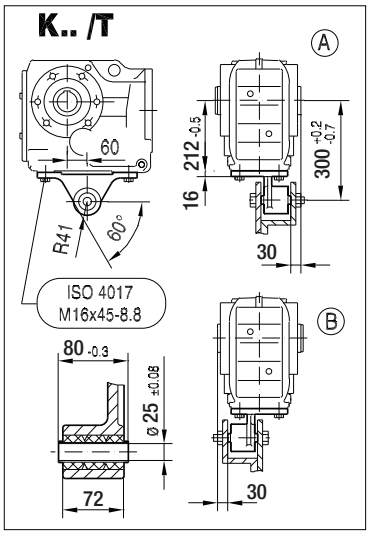
(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	489	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	98.5
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	489	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	98.5
AM182	2.10 in	8.50 in	10	7.25 in	5	228	525	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	134.5
AM184	2.10 in	8.50 in	10	7.25 in	5	228	525	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	134.5
AM213/215	2.76 in	8.50 in	11	7.25 in	5	228	574	3.38 in	0.25 in	15	1.52 in	1.375 in	0.312 in	183.5
AM254/256	3.65 in	8.50 in	14	7.25 in	5	228	624	4.00 in	0.25 in	15	1.80 in	1.625 in	0.375 in	234
AM284/286	4.00 in	10.50 in	15	9.00 in	5	286	631	4.62 in	0.25 in	15	2.10 in	1.875 in	0.500 in	241

Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 573. For dimensions of compound gear units (ex: KF87R57) see page 565.

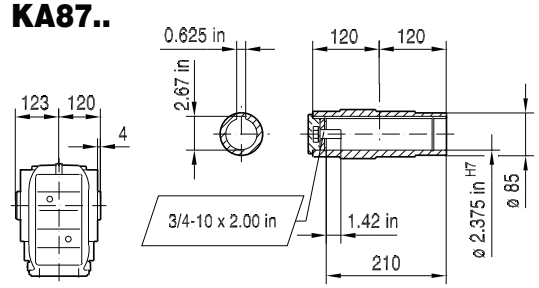
33 035 00 11

KA87..

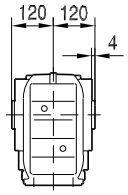


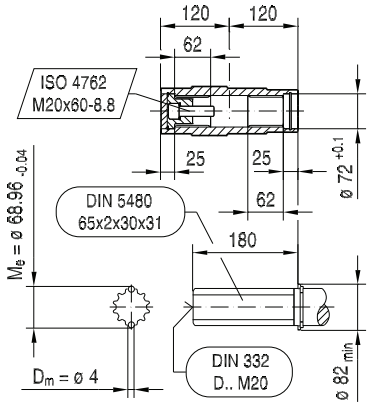


KA87..

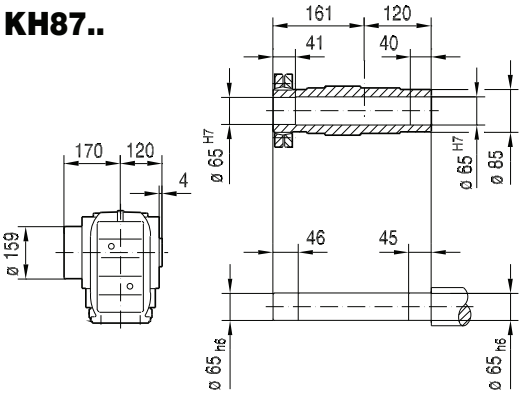


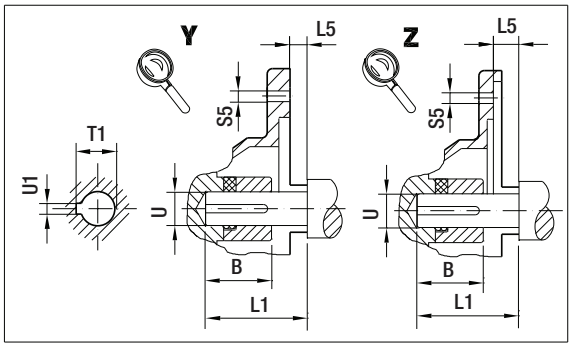
KV87..





KH87..



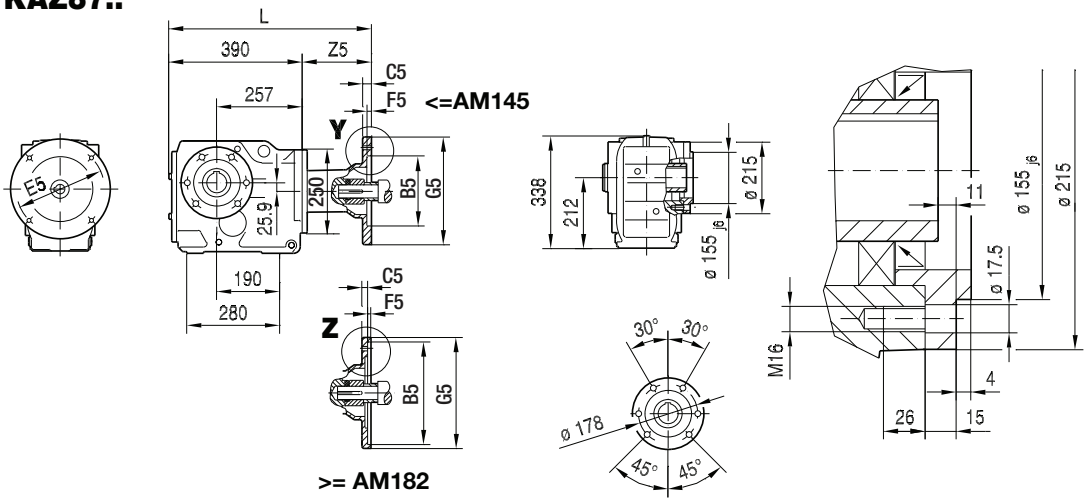


(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	489	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	98.5
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	489	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	98.5
AM182	2.10 in	8.50 in	10	7.25 in	5	228	525	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	134.5
AM184	2.10 in	8.50 in	10	7.25 in	5	228	525	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	134.5
AM213/215	2.76 in	8.50 in	11	7.25 in	5	228	574	3.38 in	0.25 in	15	1.52 in	1.375 in	0.312 in	183.5
AM254/256	3.65 in	8.50 in	14	7.25 in	5	228	624	4.00 in	0.25 in	15	1.80 in	1.625 in	0.375 in	234
AM284/286	4.00 in	10.50 in	15	9.00 in	5	286	631	4.62 in	0.25 in	15	2.10 in	1.875 in	0.500 in	241

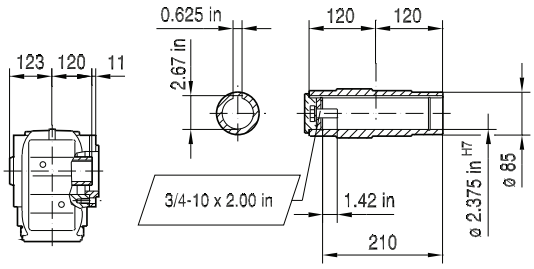
Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 575. For dimensions of compound gear units (ex: KA87R57) see page 565.

33 036 00 11

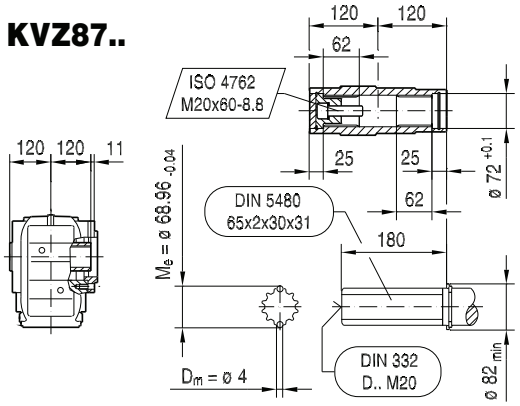
KAZ87..



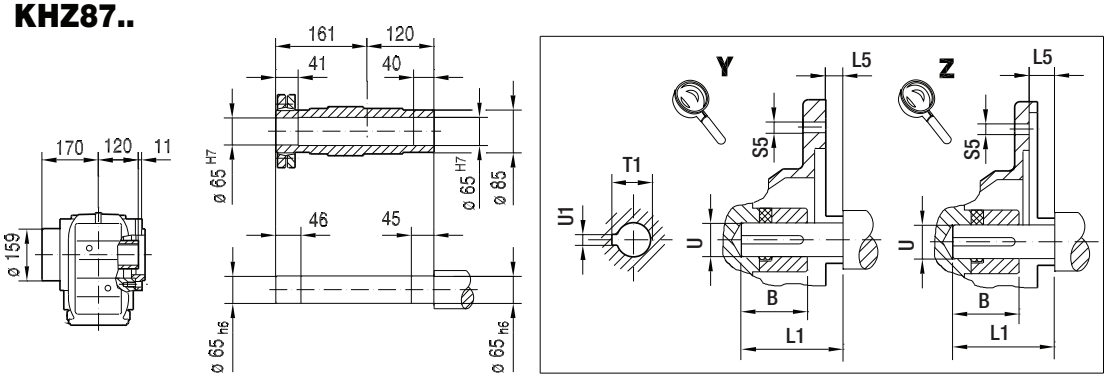
KAZ87..



KVZ87..



KHZ87..

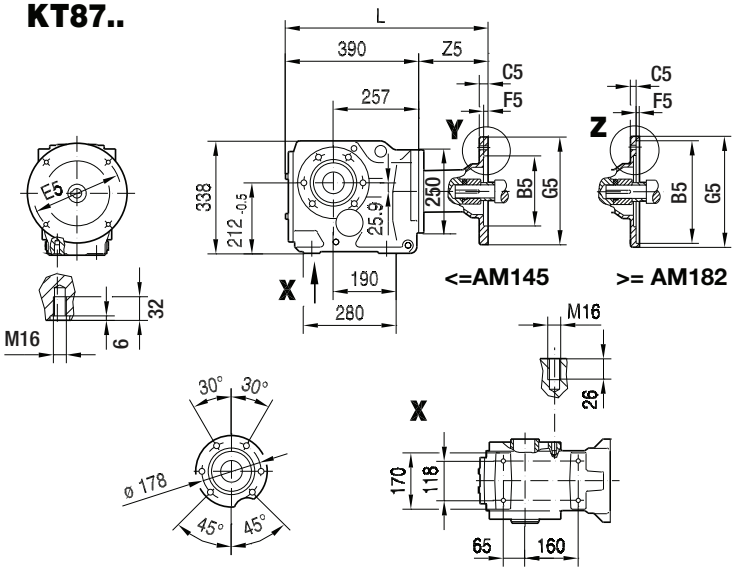


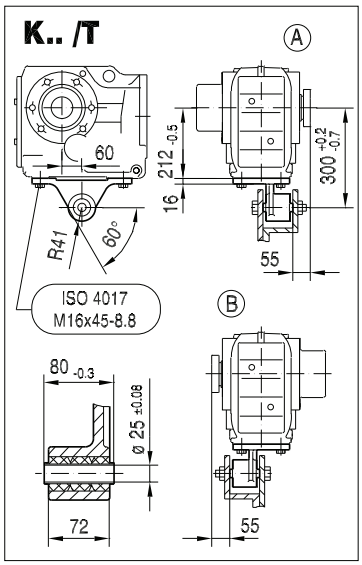
(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	489	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	98.5
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	489	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	98.5
AM182	2.10 in	8.50 in	10	7.25 in	5	228	525	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	134.5
AM184	2.10 in	8.50 in	10	7.25 in	5	228	525	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	134.5
AM213/215	2.76 in	8.50 in	11	7.25 in	5	228	574	3.38 in	0.25 in	15	1.52 in	1.375 in	0.312 in	183.5
AM254/256	3.65 in	8.50 in	14	7.25 in	5	228	624	4.00 in	0.25 in	15	1.80 in	1.625 in	0.375 in	234
AM284/286	4.00 in	10.50 in	15	9.00 in	5	286	631	4.62 in	0.25 in	15	2.10 in	1.875 in	0.500 in	241

Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 575. For dimensions of compound gear units (ex: KAZ87R57) see page 565.

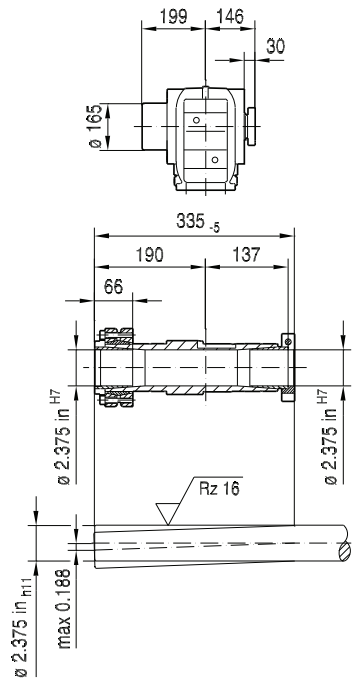
KT87..

33 037 00 11

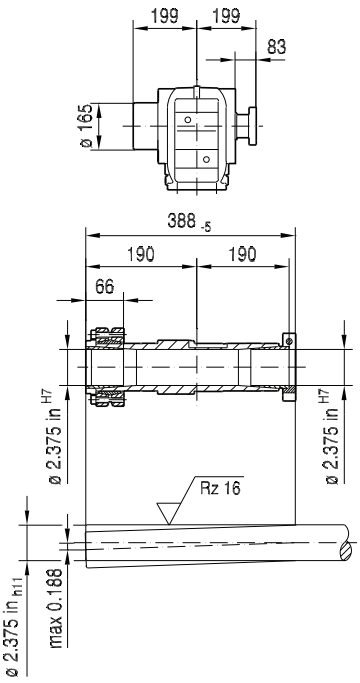


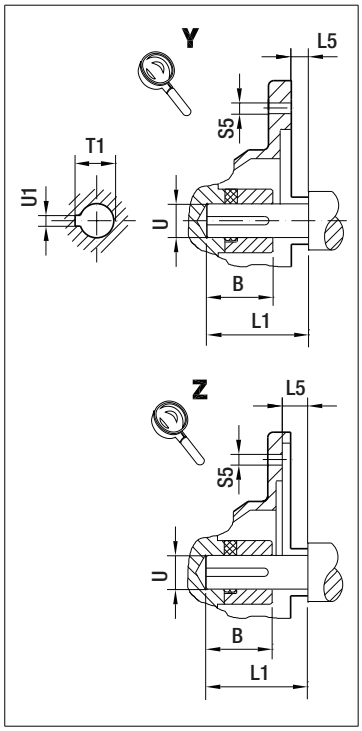


NON-Symmetrical



Symmetrical



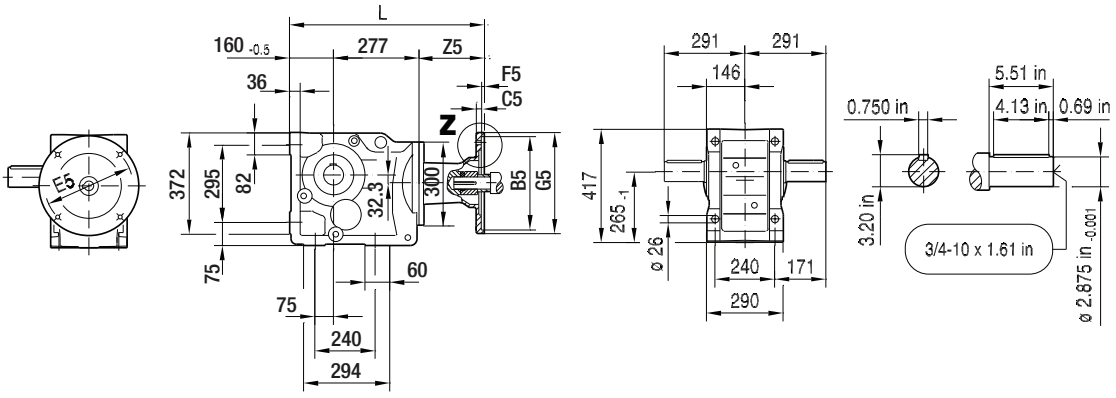


(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM143	1.68 in	4.50 in	12	5.875 in	4.5	170	489	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	98.5
AM145	1.68 in	4.50 in	12	5.875 in	4.5	170	489	2.25 in	0.13 in	10.5	0.98 in	0.875 in	0.188 in	98.5
AM182	2.10 in	8.50 in	10	7.25 in	5	228	525	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	134.5
AM184	2.10 in	8.50 in	10	7.25 in	5	228	525	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	134.5
AM213/215	2.76 in	8.50 in	11	7.25 in	5	228	574	3.38 in	0.25 in	15	1.52 in	1.375 in	0.312 in	183.5
AM254/256	3.65 in	8.50 in	14	7.25 in	5	228	624	4.00 in	0.25 in	15	1.80 in	1.625 in	0.375 in	234
AM284/286	4.00 in	10.50 in	15	9.00 in	5	286	631	4.62 in	0.25 in	15	2.10 in	1.875 in	0.500 in	241

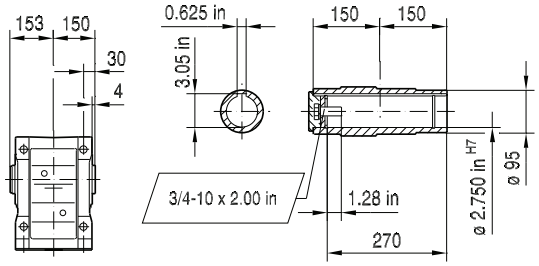
Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 577. For dimensions of compound gear units (ex: KA87R57) see page 565.

K97..

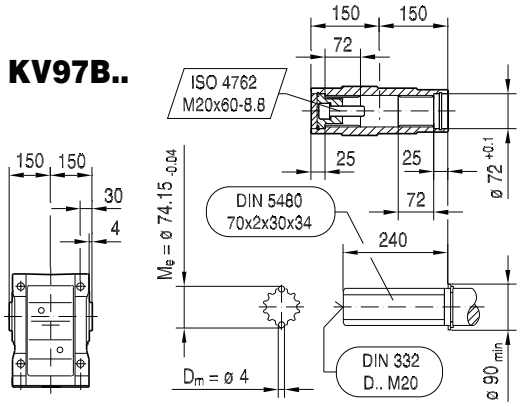
33 038 00 11



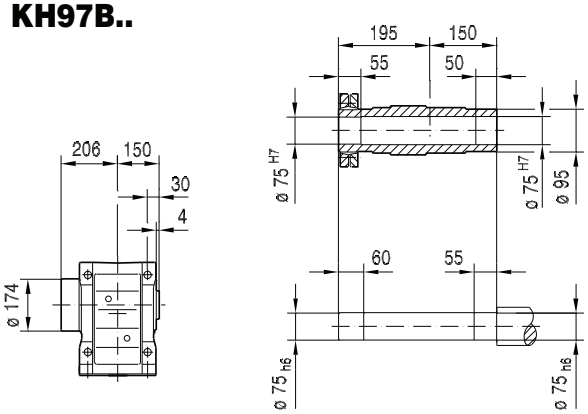
KA97B..

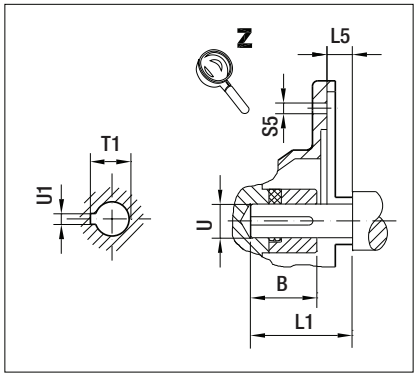


KV97B..



KH97B..



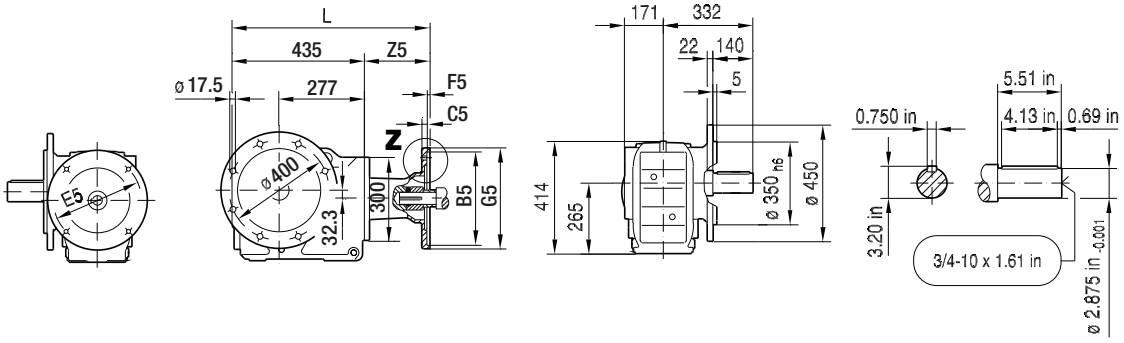


(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM182	2.10 in	8.50 in	10	7.25 in	5	228	567	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	129.5
AM184	2.10 in	8.50 in	10	7.25 in	5	228	567	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	129.5
AM213/215	2.76 in	8.50 in	11	7.25 in	5	228	616	3.38 in	0.25 in	15	1.52 in	1.375 in	0.312 in	178.5
AM254/256	3.65 in	8.50 in	12	7.25 in	5	228	666	4.00 in	0.25 in	15	1.80 in	1.625 in	0.375 in	229
AM284/286	4.00 in	10.50 in	15	9.00 in	5	286	673	4.62 in	0.25 in	15	2.10 in	1.875 in	0.500 in	236
AM324/326	3.88 in	12.50 in	17	11.0 in	5	356	733	5.25 in	0.25 in	17.5	2.36 in	2.125 in	0.500 in	296
AM364/365	4.51 in	12.50 in	17	11.0 in	5	356	733	5.88 in	0.25 in	17.5	2.66 in	2.375 in	0.625 in	296

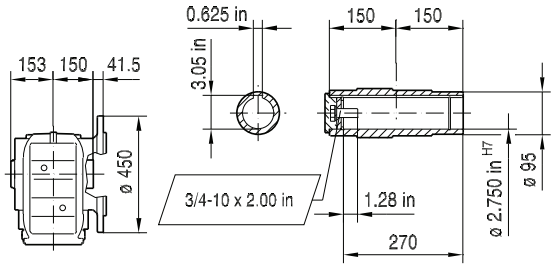
Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 573. For dimensions of compound gear units (ex: K97R57) see page 565.

KF97..

33 039 00 11



KAF97..



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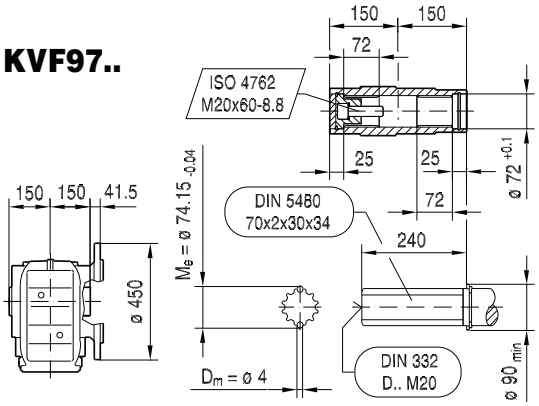
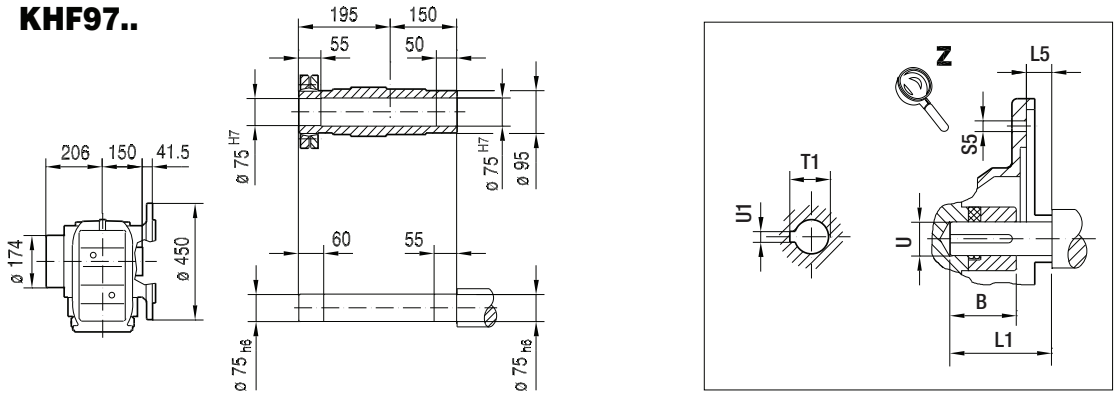


KHF97..

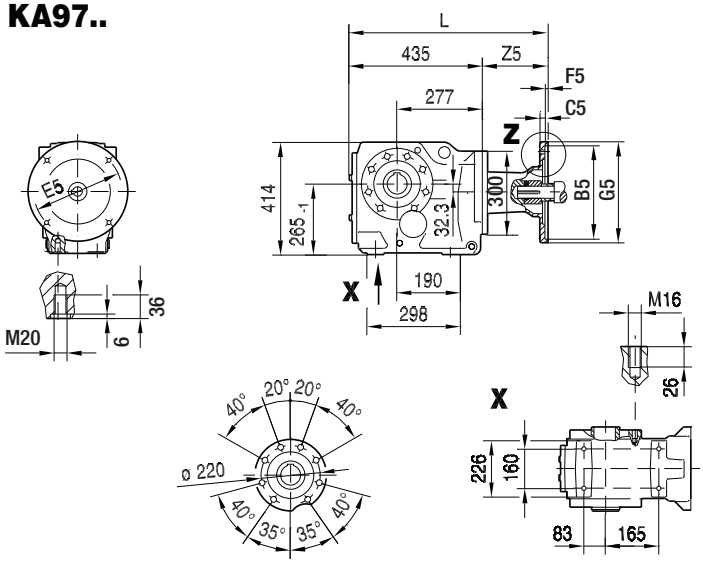


(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM182	2.10 in	8.50 in	10	7.25 in	5	228	565	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	129.5
AM184	2.10 in	8.50 in	10	7.25 in	5	228	565	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	129.5
AM213/215	2.76 in	8.50 in	11	7.25 in	5	228	614	3.38 in	0.25 in	15	1.52 in	1.375 in	0.312 in	178.5
AM254/256	3.65 in	8.50 in	12	7.25 in	5	228	664	4.00 in	0.25 in	15	1.80 in	1.625 in	0.375 in	229
AM284/286	4.00 in	10.50 in	15	9.00 in	5	286	671	4.62 in	0.25 in	15	2.10 in	1.875 in	0.500 in	236
AM324/326	3.88 in	12.50 in	17	11.0 in	5	356	731	5.25 in	0.25 in	17.5	2.36 in	2.125 in	0.500 in	296
AM364/365	4.51 in	12.50 in	17	11.0 in	5	356	731	5.88 in	0.25 in	17.5	2.66 in	2.375 in	0.625 in	296

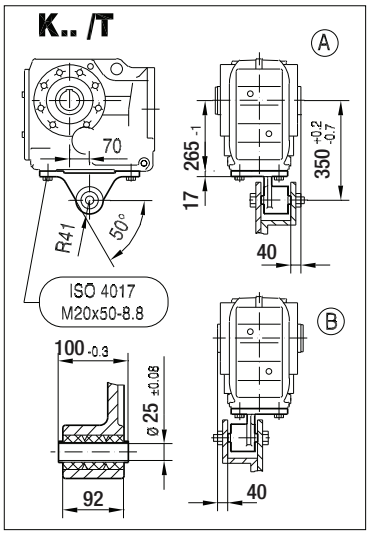
Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 573. For dimensions of compound gear units (ex: KF97R57) see page 565.

33 040 00 11

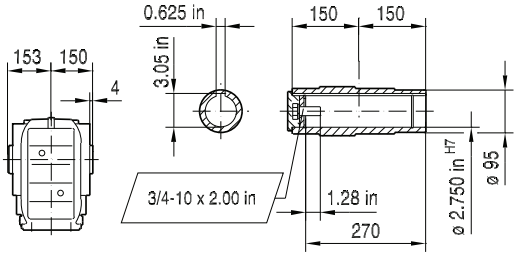
KA97..



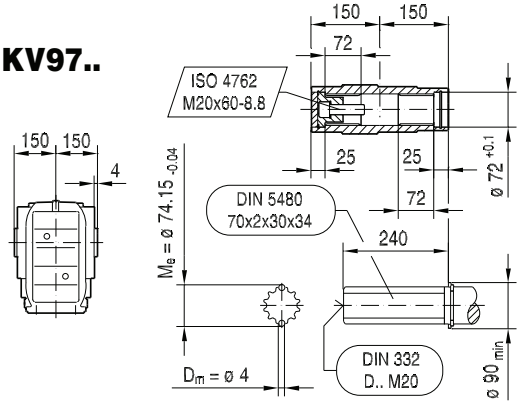
K.. /T



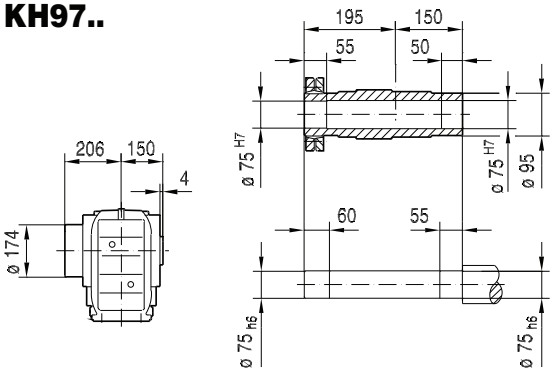
KA97..

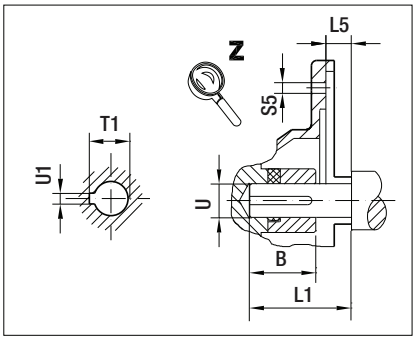


KV97..



KH97..



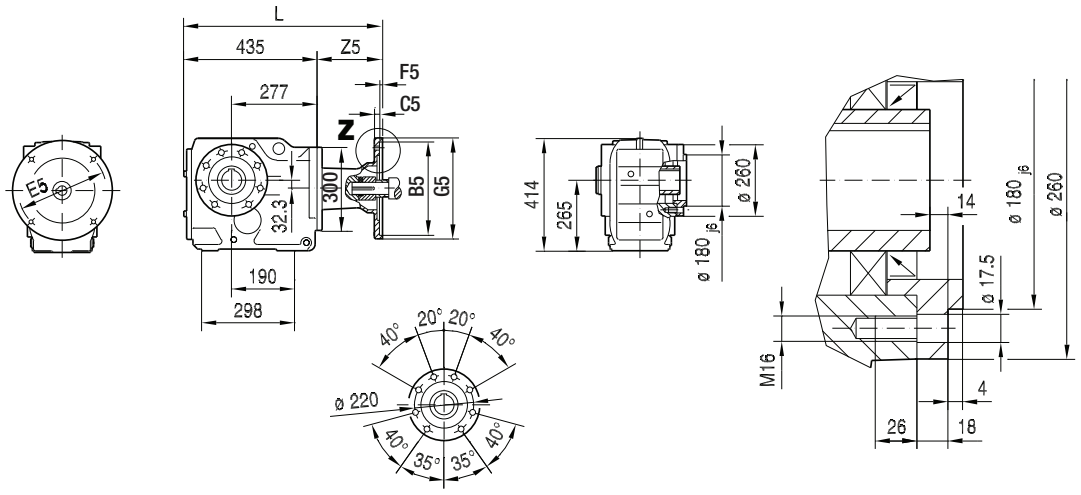


(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM182	2.10 in	8.50 in	10	7.25 in	5	228	565	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	129.5
AM184	2.10 in	8.50 in	10	7.25 in	5	228	565	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	129.5
AM213/215	2.76 in	8.50 in	11	7.25 in	5	228	614	3.38 in	0.25 in	15	1.52 in	1.375 in	0.312 in	178.5
AM254/256	3.65 in	8.50 in	12	7.25 in	5	228	664	4.00 in	0.25 in	15	1.80 in	1.625 in	0.375 in	229
AM284/286	4.00 in	10.50 in	15	9.00 in	5	286	671	4.62 in	0.25 in	15	2.10 in	1.875 in	0.500 in	236
AM324/326	3.88 in	12.50 in	17	11.0 in	5	356	731	5.25 in	0.25 in	17.5	2.36 in	2.125 in	0.500 in	296
AM364/365	4.51 in	12.50 in	17	11.0 in	5	356	731	5.88 in	0.25 in	17.5	2.66 in	2.375 in	0.625 in	296

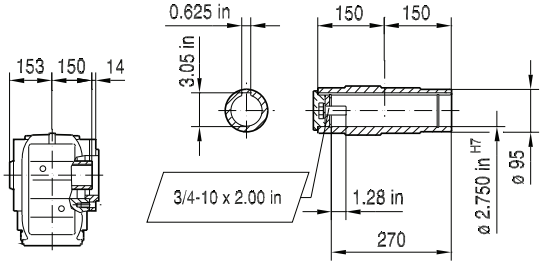
Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 575. For dimensions of compound gear units (ex: KA97R57) see page 565.

33 041 00 11

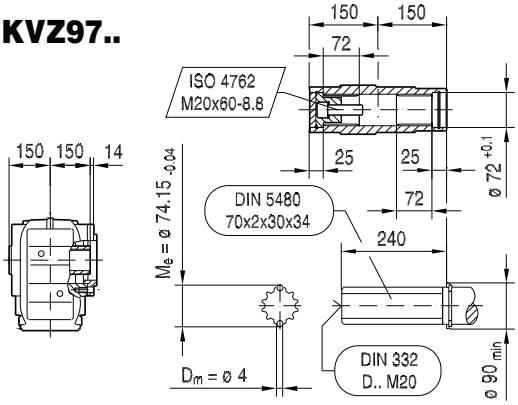
KAZ97..



KAZ97..



KVZ97..



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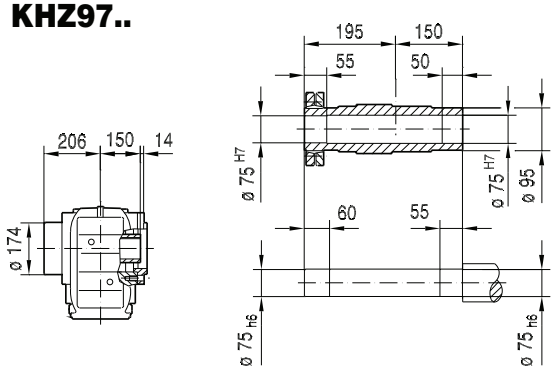
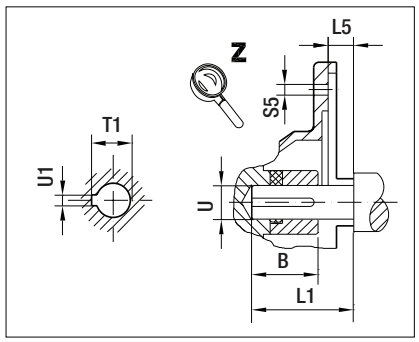


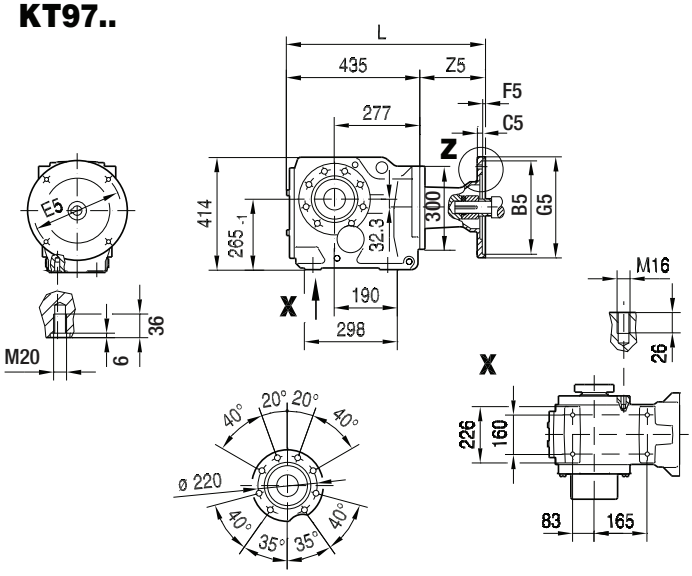


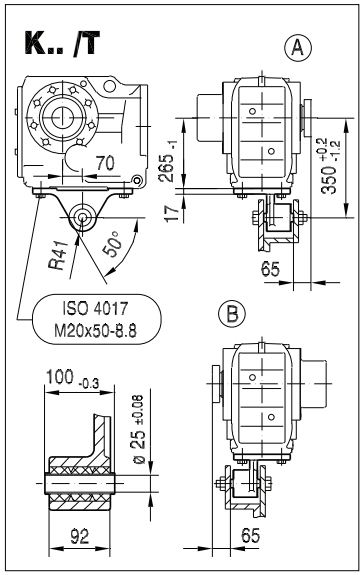
(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM182	2.10 in	8.50 in	10	7.25 in	5	228	565	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	129.5
AM184	2.10 in	8.50 in	10	7.25 in	5	228	565	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	129.5
AM213/215	2.76 in	8.50 in	11	7.25 in	5	228	614	3.38 in	0.25 in	15	1.52 in	1.375 in	0.312 in	178.5
AM254/256	3.65 in	8.50 in	12	7.25 in	5	228	664	4.00 in	0.25 in	15	1.80 in	1.625 in	0.375 in	229
AM284/286	4.00 in	10.50 in	15	9.00 in	5	286	671	4.62 in	0.25 in	15	2.10 in	1.875 in	0.500 in	236
AM324/326	3.88 in	12.50 in	17	11.0 in	5	356	731	5.25 in	0.25 in	17.5	2.36 in	2.125 in	0.500 in	296
AM364/365	4.51 in	12.50 in	17	11.0 in	5	356	731	5.88 in	0.25 in	17.5	2.66 in	2.375 in	0.625 in	296

Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 575. For dimensions of compound gear units (ex: KAZ97R57) see page 565.

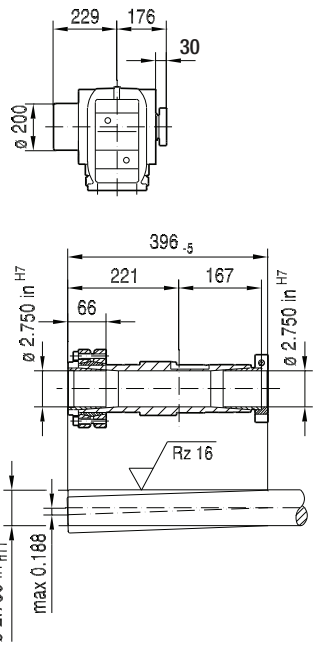
KT97..

33 042 00 11

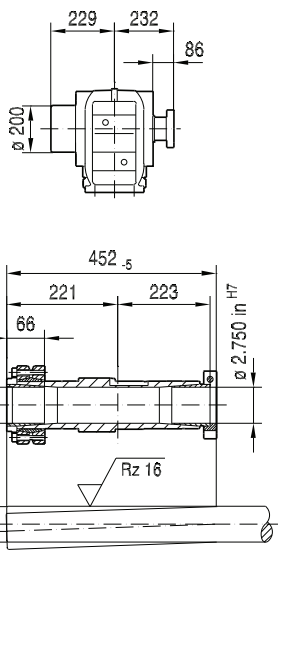


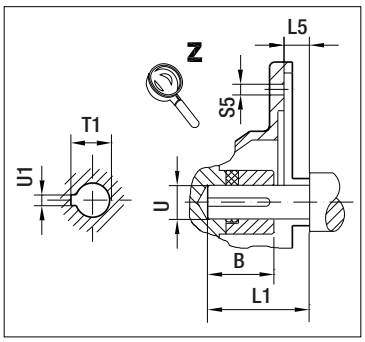


NON-Symmetrical



Symmetrical



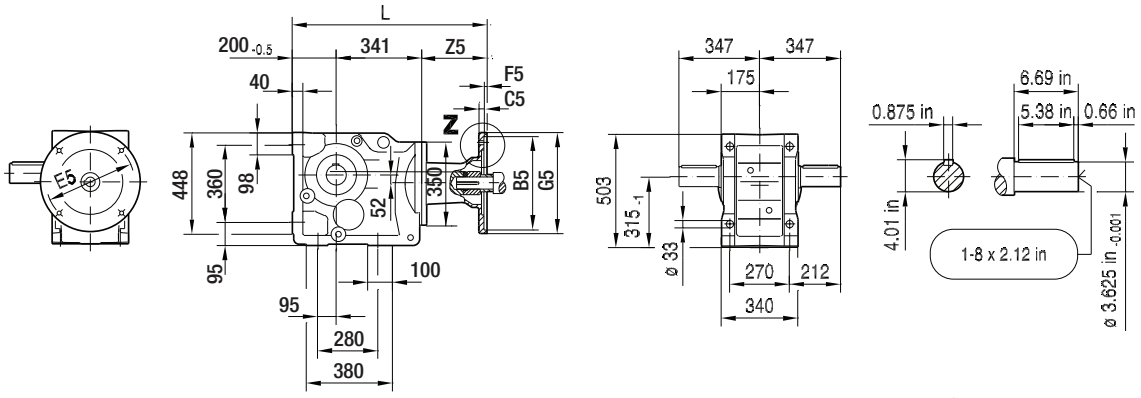


(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM182	2.10 in	8.50 in	10	7.25 in	5	228	565	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	129.5
AM184	2.10 in	8.50 in	10	7.25 in	5	228	565	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	129.5
AM213/215	2.76 in	8.50 in	11	7.25 in	5	228	614	3.38 in	0.25 in	15	1.52 in	1.375 in	0.312 in	178.5
AM254/256	3.65 in	8.50 in	12	7.25 in	5	228	664	4.00 in	0.25 in	15	1.80 in	1.625 in	0.375 in	229
AM284/286	4.00 in	10.50 in	15	9.00 in	5	286	671	4.62 in	0.25 in	15	2.10 in	1.875 in	0.500 in	236
AM324/326	3.88 in	12.50 in	17	11.0 in	5	356	731	5.25 in	0.25 in	17.5	2.36 in	2.125 in	0.500 in	296
AM364/365	4.51 in	12.50 in	17	11.0 in	5	356	731	5.88 in	0.25 in	17.5	2.66 in	2.375 in	0.625 in	296

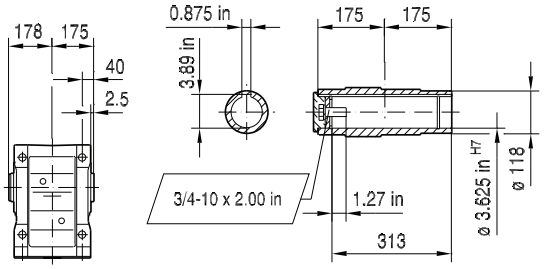
Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 577. For dimensions of compound gear units (ex: KT97R57) see page 565.

33 043 00 11

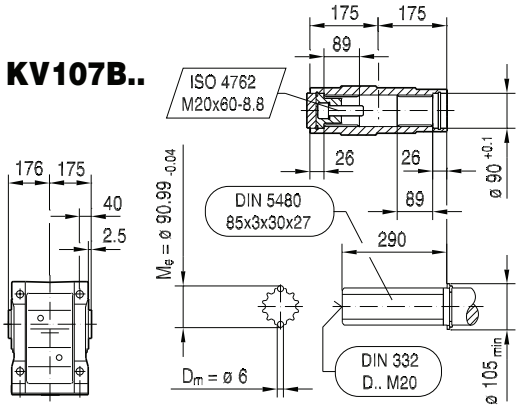
K107..



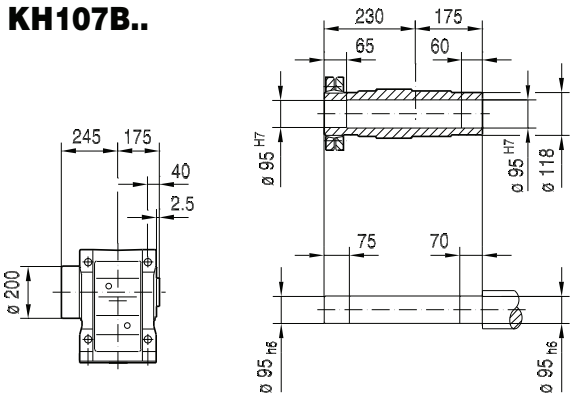
KA107B..

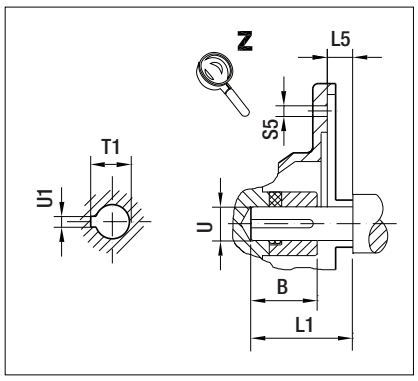


KV107B..



KH107B..



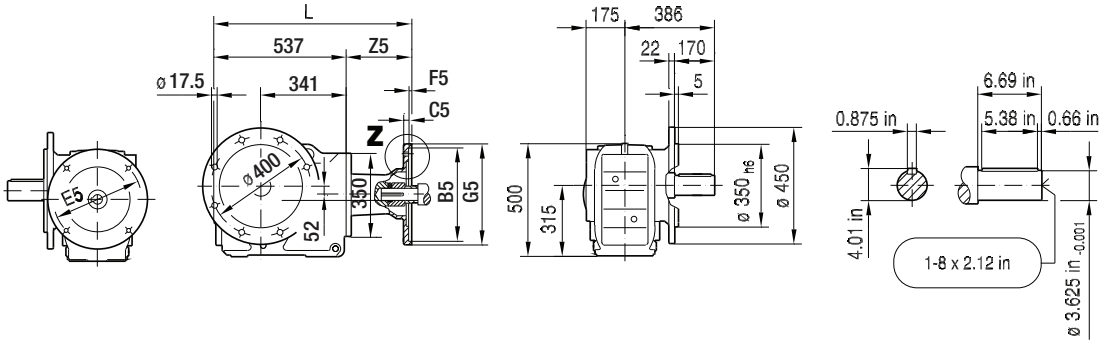


(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM182	2.10 in	8.50 in	10	7.25 in	5	228	665	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	123.5
AM184	2.10 in	8.50 in	10	7.25 in	5	228	665	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	123.5
AM213/215	2.76 in	8.50 in	11	7.25 in	5	228	714	3.38 in	0.25 in	15	1.52 in	1.375 in	0.312 in	172.5
AM254/256	3.65 in	8.50 in	12	7.25 in	5	228	764	4.00 in	0.25 in	15	1.80 in	1.625 in	0.375 in	223
AM284/286	4.00 in	10.50 in	15	9.00 in	5	286	771	4.62 in	0.25 in	15	2.10 in	1.875 in	0.500 in	230
AM324/326	3.88 in	12.50 in	17	11.0 in	5	356	831	5.25 in	0.25 in	17.5	2.36 in	2.125 in	0.500 in	290
AM364/365	4.51 in	12.50 in	17	11.0 in	5	356	831	5.88 in	0.25 in	17.5	2.66 in	2.375 in	0.625 in	290

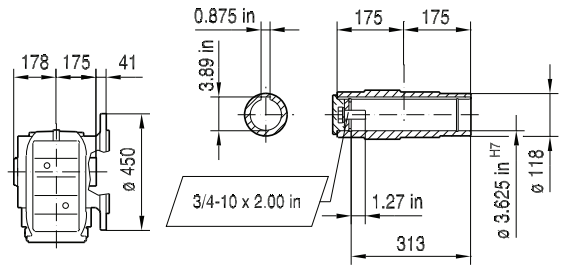
Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 573. For dimensions of compound gear units (ex: K107R77) see page 565.

33 044 00 11

KF107..



KAF107..



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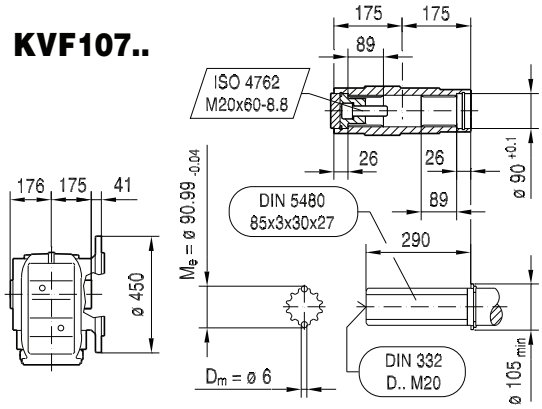
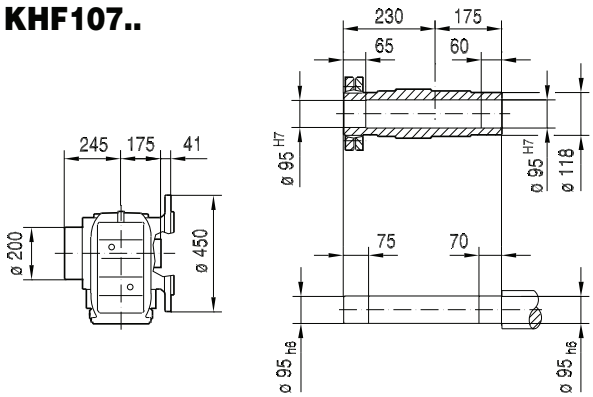
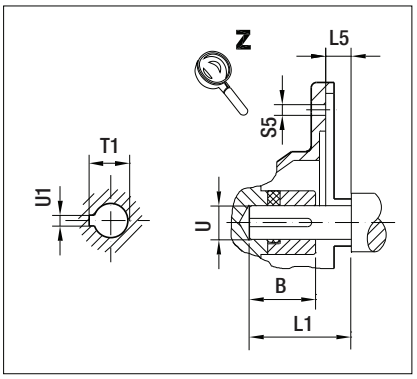


KHF107..



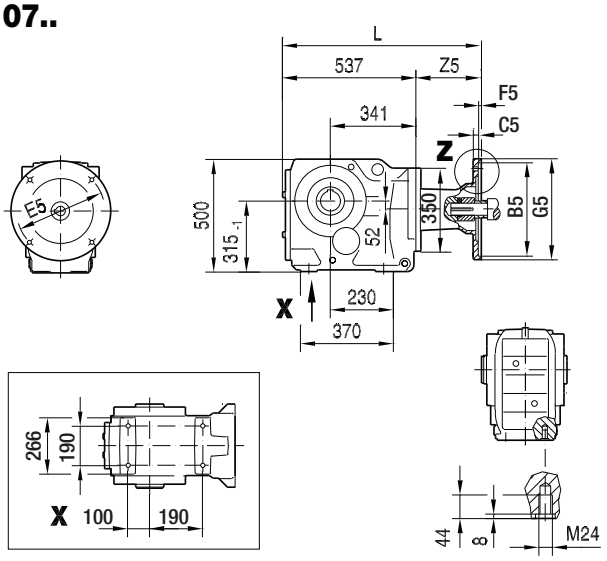


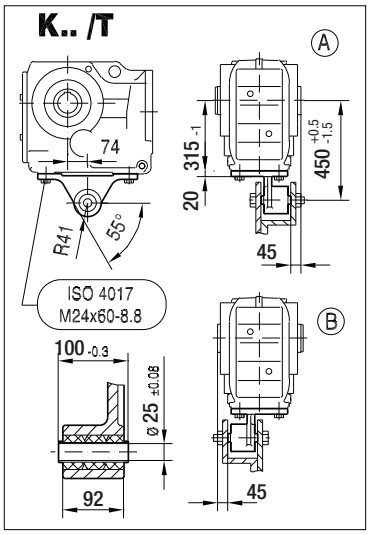
(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM182	2.10 in	8.50 in	10	7.25 in	5	228	661	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	123.5
AM184	2.10 in	8.50 in	10	7.25 in	5	228	661	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	123.5
AM213/215	2.76 in	8.50 in	11	7.25 in	5	228	710	3.38 in	0.25 in	15	1.52 in	1.375 in	0.312 in	172.5
AM254/256	3.65 in	8.50 in	12	7.25 in	5	228	760	4.00 in	0.25 in	15	1.80 in	1.625 in	0.375 in	223
AM284/286	4.00 in	10.50 in	15	9.00 in	5	286	767	4.62 in	0.25 in	15	2.10 in	1.875 in	0.500 in	230
AM324/326	3.88 in	12.50 in	17	11.0 in	5	356	827	5.25 in	0.25 in	17.5	2.36 in	2.125 in	0.500 in	290
AM364/365	4.51 in	12.50 in	17	11.0 in	5	356	827	5.88 in	0.25 in	17.5	2.66 in	2.375 in	0.625 in	290

Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 573. For dimensions of compound gear units (ex: KF107R77) see page 565.

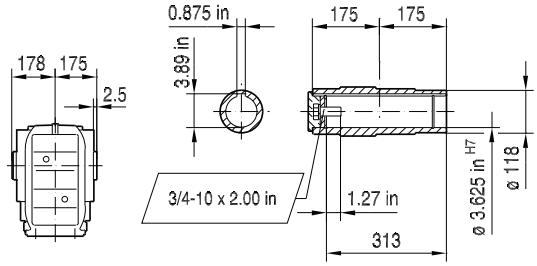
33 045 00 11

KA107..

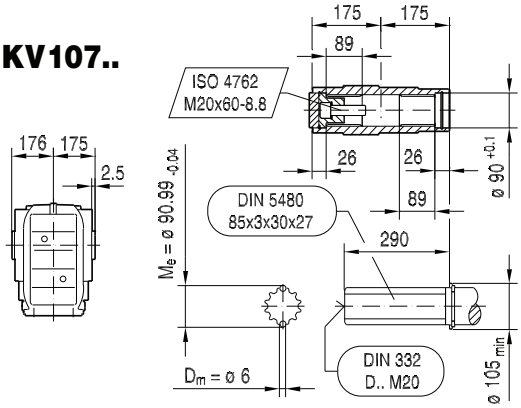




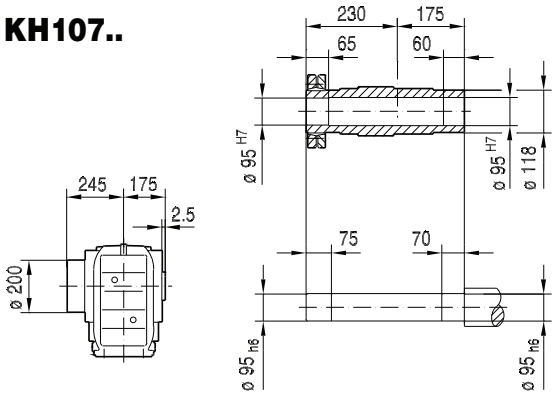
KA107..

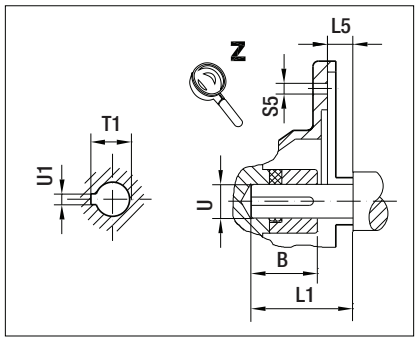


KV107..



KH107..



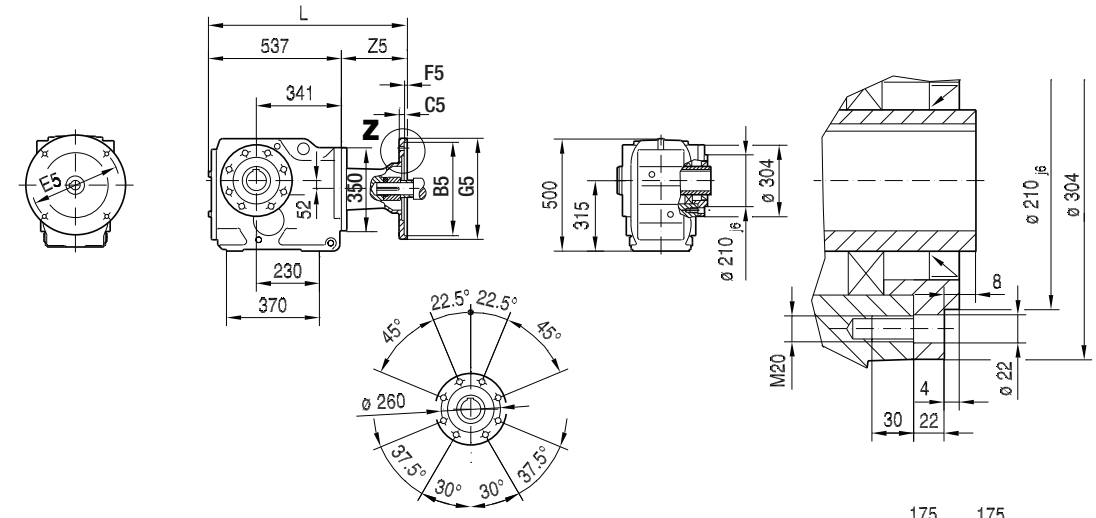


(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM182	2.10 in	8.50 in	10	7.25 in	5	228	661	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	123.5
AM184	2.10 in	8.50 in	10	7.25 in	5	228	661	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	123.5
AM213/215	2.76 in	8.50 in	11	7.25 in	5	228	710	3.38 in	0.25 in	15	1.52 in	1.375 in	0.312 in	172.5
AM254/256	3.65 in	8.50 in	12	7.25 in	5	228	760	4.00 in	0.25 in	15	1.80 in	1.625 in	0.375 in	223
AM284/286	4.00 in	10.50 in	15	9.00 in	5	286	767	4.62 in	0.25 in	15	2.10 in	1.875 in	0.500 in	230
AM324/326	3.88 in	12.50 in	17	11.0 in	5	356	827	5.25 in	0.25 in	17.5	2.36 in	2.125 in	0.500 in	290
AM364/365	4.51 in	12.50 in	17	11.0 in	5	356	827	5.88 in	0.25 in	17.5	2.66 in	2.375 in	0.625 in	290

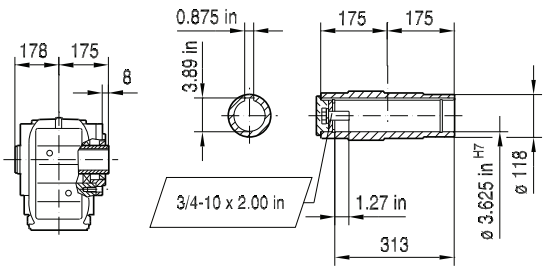
Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 575. For dimensions of compound gear units (ex: KA107R77) see page 565.

33 046 00 11

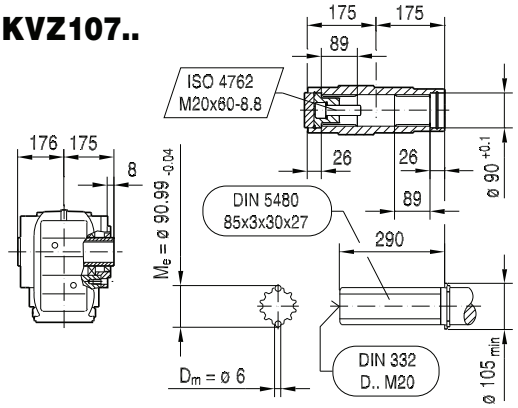
KAZ107..



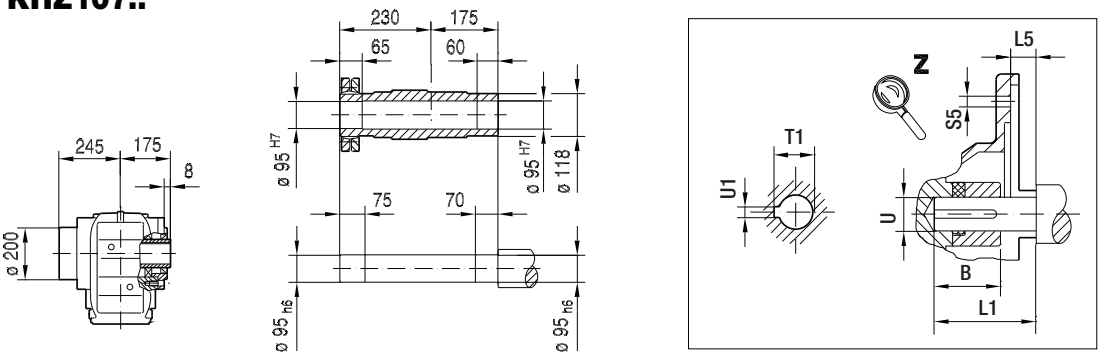
KAZ107..



KVZ107..



KHZ107..

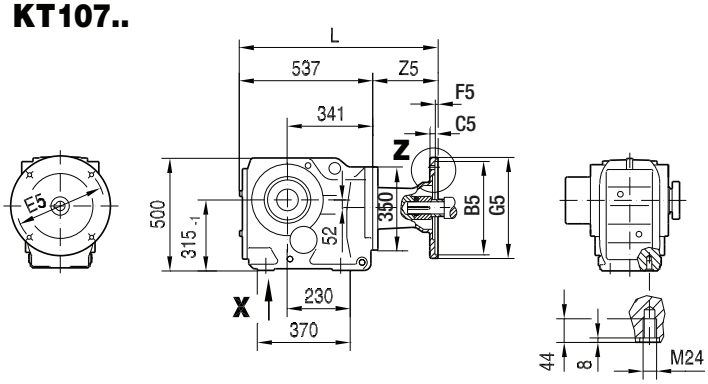


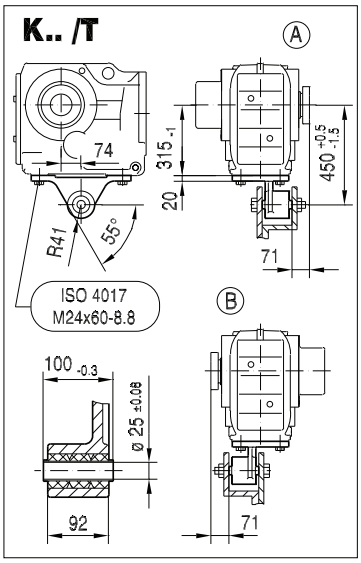
(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM182	2.10 in	8.50 in	10	7.25 in	5	228	661	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	123.5
AM184	2.10 in	8.50 in	10	7.25 in	5	228	661	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	123.5
AM213/215	2.76 in	8.50 in	11	7.25 in	5	228	710	3.38 in	0.25 in	15	1.52 in	1.375 in	0.312 in	172.5
AM254/256	3.65 in	8.50 in	12	7.25 in	5	228	760	4.00 in	0.25 in	15	1.80 in	1.625 in	0.375 in	223
AM284/286	4.00 in	10.50 in	15	9.00 in	5	286	767	4.62 in	0.25 in	15	2.10 in	1.875 in	0.500 in	230
AM324/326	3.88 in	12.50 in	17	11.0 in	5	356	827	5.25 in	0.25 in	17.5	2.36 in	2.125 in	0.500 in	290
AM364/365	4.51 in	12.50 in	17	11.0 in	5	356	827	5.88 in	0.25 in	17.5	2.66 in	2.375 in	0.625 in	290

Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 575. For dimensions of compound gear units (ex: KAZ107R77) see page 565.

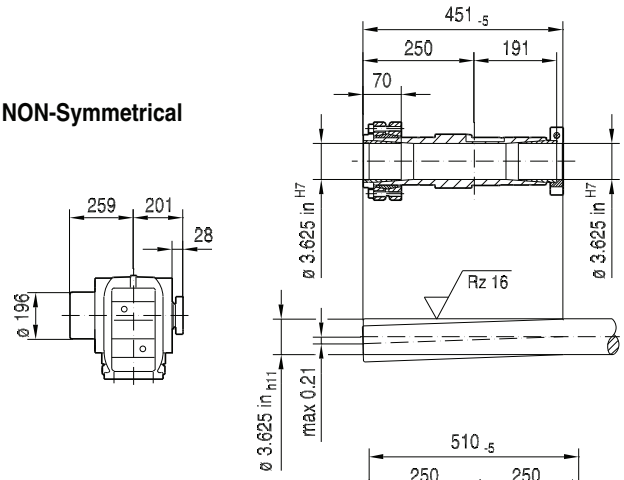
KT107..

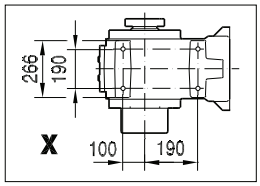
33 047 00 11



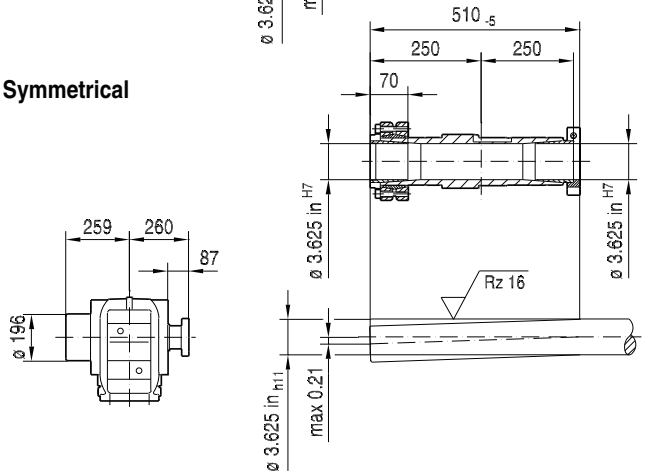


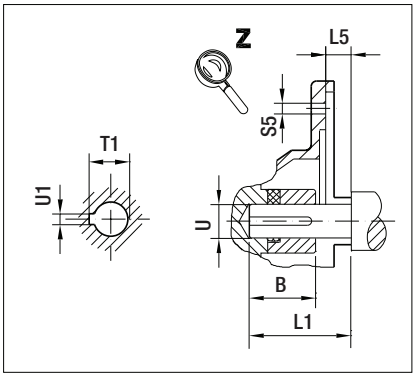
NON-Symmetrical





Symmetrical



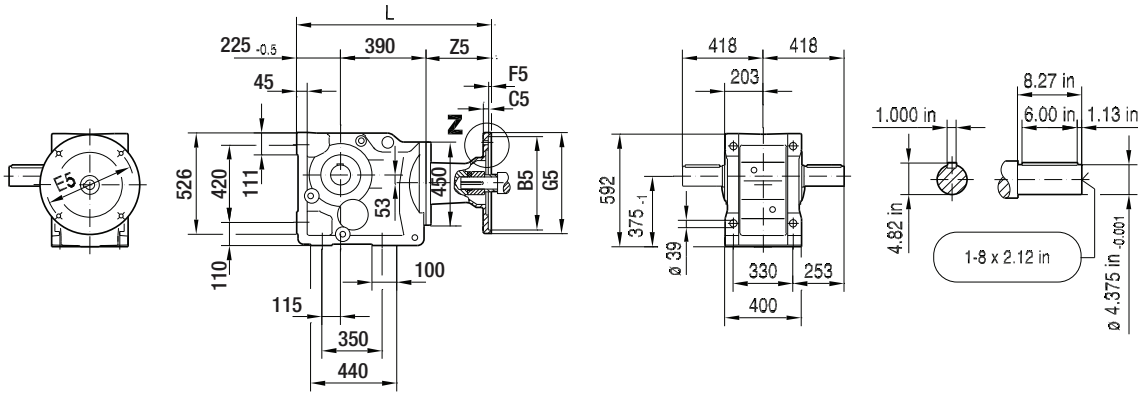


(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM182	2.10 in	8.50 in	10	7.25 in	5	228	661	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	123.5
AM184	2.10 in	8.50 in	10	7.25 in	5	228	661	2.75 in	0.13 in	15	1.24 in	1.125 in	0.250 in	123.5
AM213/215	2.76 in	8.50 in	11	7.25 in	5	228	710	3.38 in	0.25 in	15	1.52 in	1.375 in	0.312 in	172.5
AM254/256	3.65 in	8.50 in	12	7.25 in	5	228	760	4.00 in	0.25 in	15	1.80 in	1.625 in	0.375 in	223
AM284/286	4.00 in	10.50 in	15	9.00 in	5	286	767	4.62 in	0.25 in	15	2.10 in	1.875 in	0.500 in	230
AM324/326	3.88 in	12.50 in	17	11.0 in	5	356	827	5.25 in	0.25 in	17.5	2.36 in	2.125 in	0.500 in	290
AM364/365	4.51 in	12.50 in	17	11.0 in	5	356	827	5.88 in	0.25 in	17.5	2.66 in	2.375 in	0.625 in	290

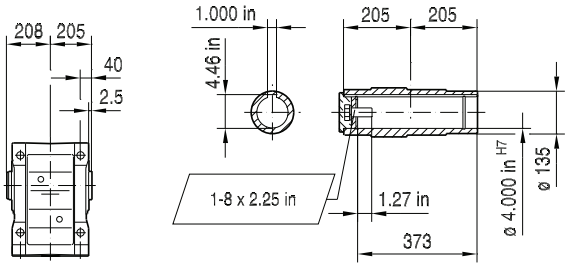
Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 577. For dimensions of compound gear units (ex: KT107R77) see page 565.

33 048 00 11

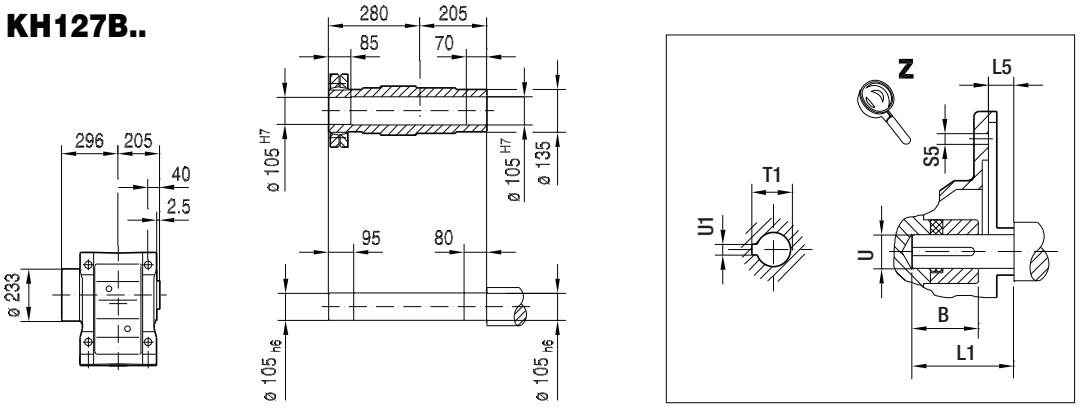
K127..



KA127B..



KH127B..

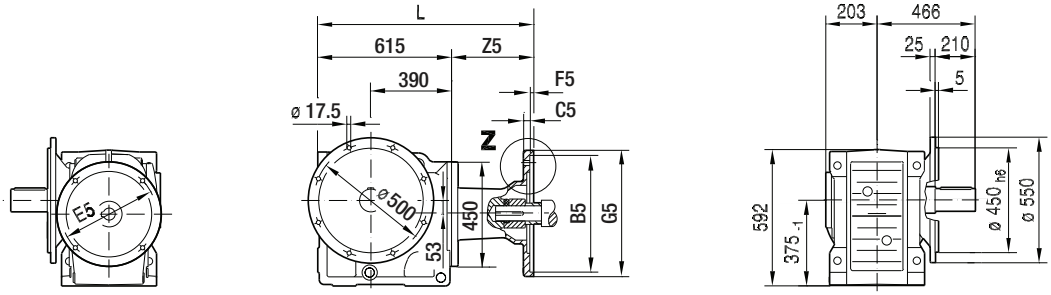


(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM213/215	2.76 in	8.50 in	11	7.25 in	5	228	773	3.38 in	0.25 in	15	1.52 in	1.375 in	0.312 in	157.5
AM254/256	3.65 in	8.50 in	12	7.25 in	5	228	823	4.00 in	0.25 in	15	1.80 in	1.625 in	0.375 in	208
AM284/286	4.00 in	10.50 in	15	9.00 in	5	286	830	4.62 in	0.25 in	15	2.10 in	1.875 in	0.500 in	215
AM324/326	3.88 in	12.50 in	17	11.0 in	5	356	890	5.25 in	0.25 in	17.5	2.36 in	2.125 in	0.500 in	275
AM364/365	4.51 in	12.50 in	17	11.0 in	5	356	890	5.88 in	0.25 in	17.5	2.66 in	2.375 in	0.625 in	275

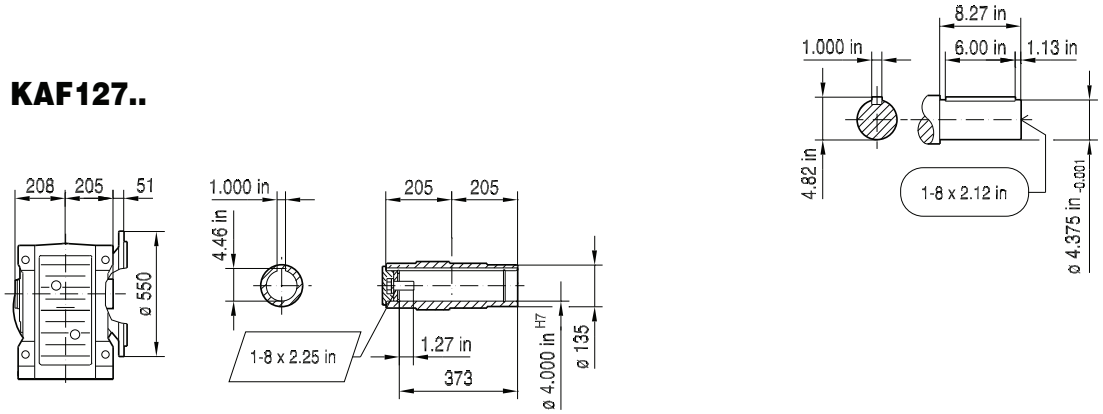
Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 573. For dimensions of compound gear units (ex: K127R77) see page 565.

KF127..

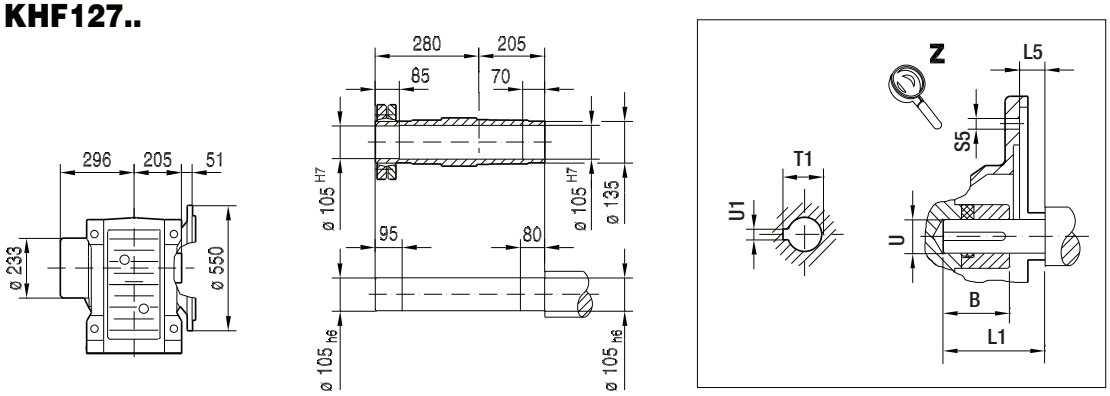
33 049 00 11



KAF127..



KHF127..

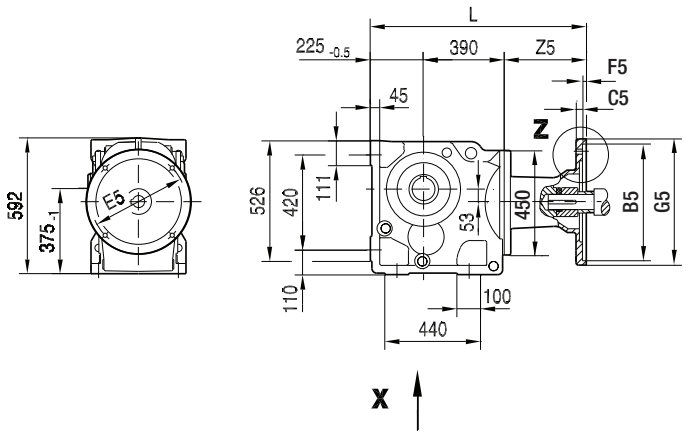


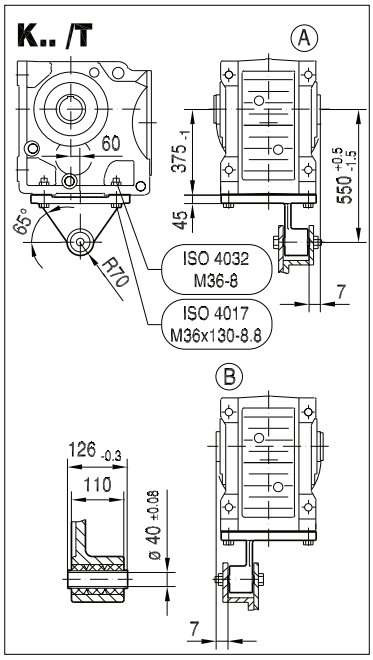
(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM213/215	2.76 in	8.50 in	11	7.25 in	5	228	773	3.38 in	0.25 in	15	1.52 in	1.375 in	0.312 in	157.5
AM254/256	3.65 in	8.50 in	12	7.25 in	5	228	823	4.00 in	0.25 in	15	1.80 in	1.625 in	0.375 in	208
AM284/286	4.00 in	10.50 in	15	9.00 in	5	286	830	4.62 in	0.25 in	15	2.10 in	1.875 in	0.500 in	215
AM324/326	3.88 in	12.50 in	17	11.0 in	5	356	890	5.25 in	0.25 in	17.5	2.36 in	2.125 in	0.500 in	275
AM364/365	4.51 in	12.50 in	17	11.0 in	5	356	890	5.88 in	0.25 in	17.5	2.66 in	2.375 in	0.625 in	275

Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 573. For dimensions of compound gear units (ex: KF127R77) see page 565.

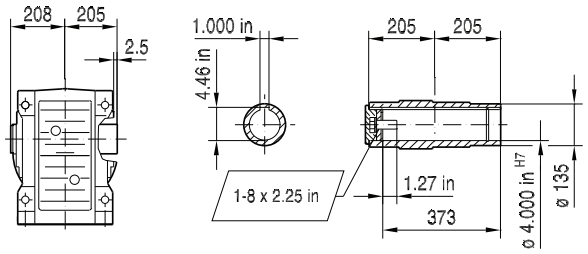
33 050 00 11

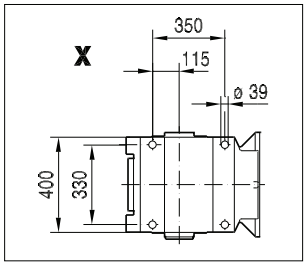
KA127..



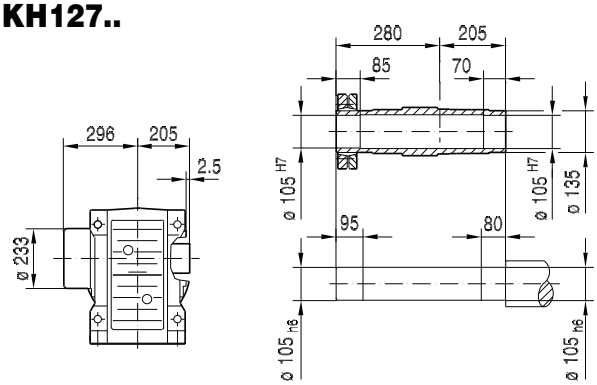


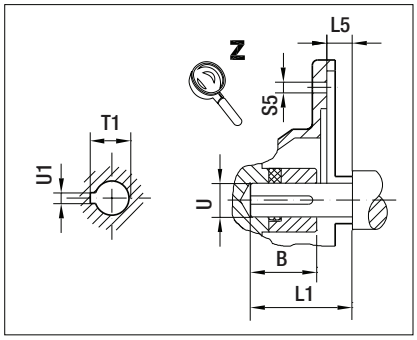
KA127..





KH127..



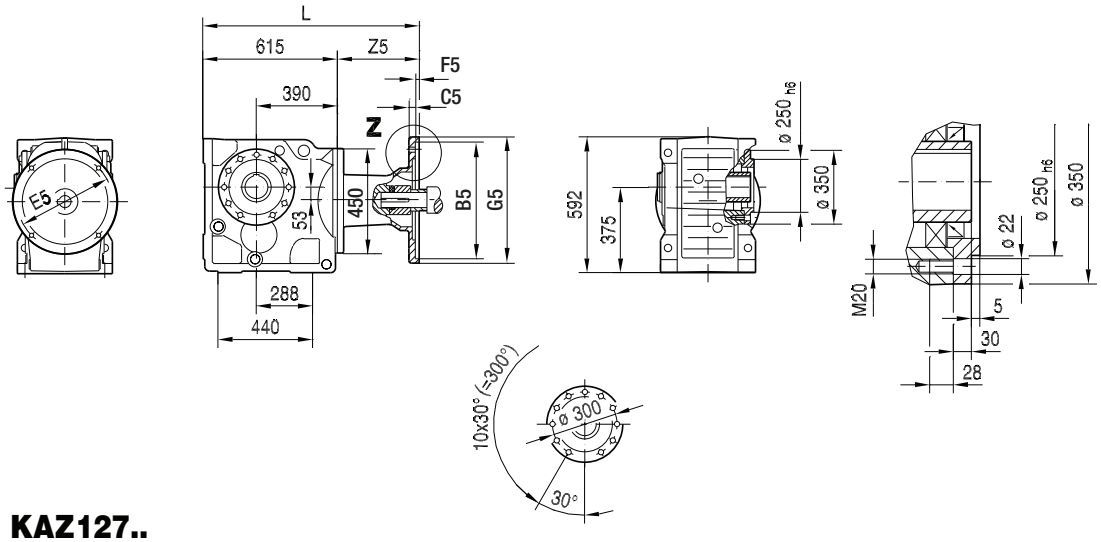


(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM213/215	2.76 in	8.50 in	11	7.25 in	5	228	773	3.38 in	0.25 in	15	1.52 in	1.375 in	0.312 in	157.5
AM254/256	3.65 in	8.50 in	12	7.25 in	5	228	823	4.00 in	0.25 in	15	1.80 in	1.625 in	0.375 in	208
AM284/286	4.00 in	10.50 in	15	9.00 in	5	286	830	4.62 in	0.25 in	15	2.10 in	1.875 in	0.500 in	215
AM324/326	3.88 in	12.50 in	17	11.0 in	5	356	890	5.25 in	0.25 in	17.5	2.36 in	2.125 in	0.500 in	275
AM364/365	4.51 in	12.50 in	17	11.0 in	5	356	890	5.88 in	0.25 in	17.5	2.66 in	2.375 in	0.625 in	275

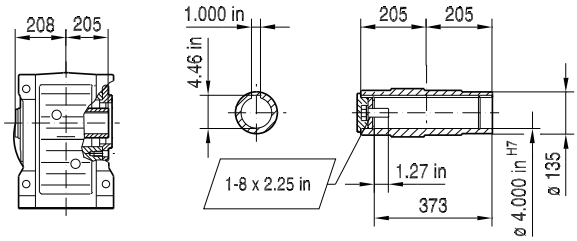
Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 575. For dimensions of compound gear units (ex: KA127R77) see page 565.

33 051 00 11

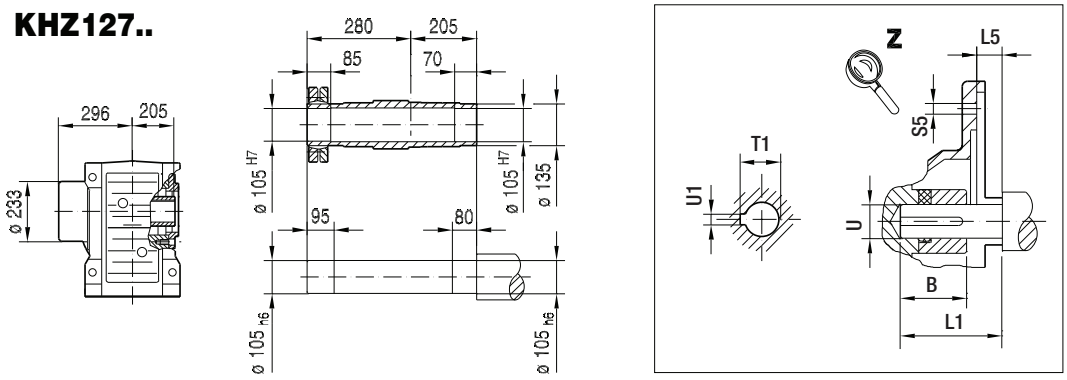
KAZ127..



KAZ127..



KHZ127..

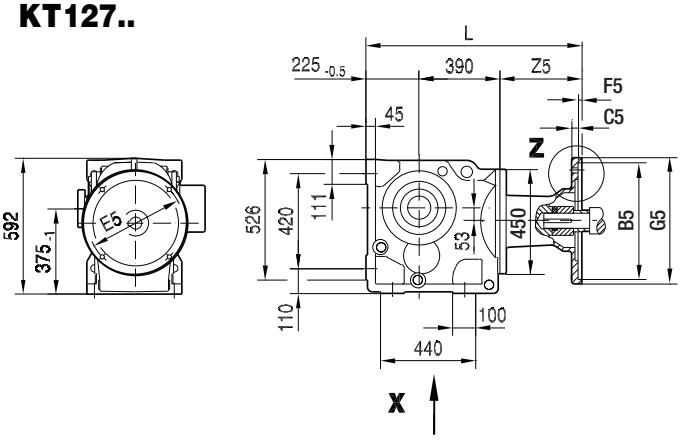


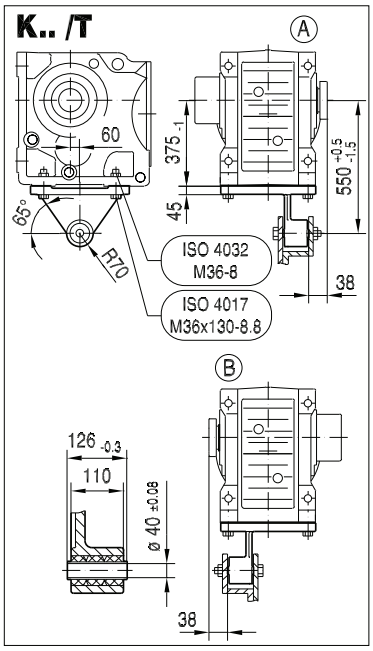
(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM213/215	2.76 in	8.50 in	11	7.25 in	5	228	773	3.38 in	0.25 in	15	1.52 in	1.375 in	0.312 in	157.5
AM254/256	3.65 in	8.50 in	12	7.25 in	5	228	823	4.00 in	0.25 in	15	1.80 in	1.625 in	0.375 in	208
AM284/286	4.00 in	10.50 in	15	9.00 in	5	286	830	4.62 in	0.25 in	15	2.10 in	1.875 in	0.500 in	215
AM324/326	3.88 in	12.50 in	17	11.0 in	5	356	890	5.25 in	0.25 in	17.5	2.36 in	2.125 in	0.500 in	275
AM364/365	4.51 in	12.50 in	17	11.0 in	5	356	890	5.88 in	0.25 in	17.5	2.66 in	2.375 in	0.625 in	275

Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 575. For dimensions of compound gear units (ex: KAZ127R77) see page 565.

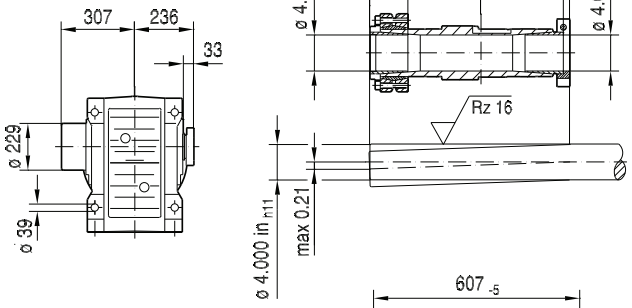
KT127..

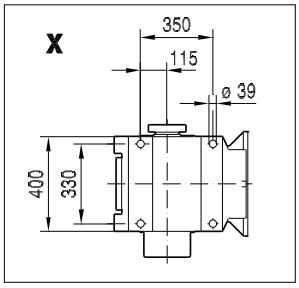
33 052 00 11



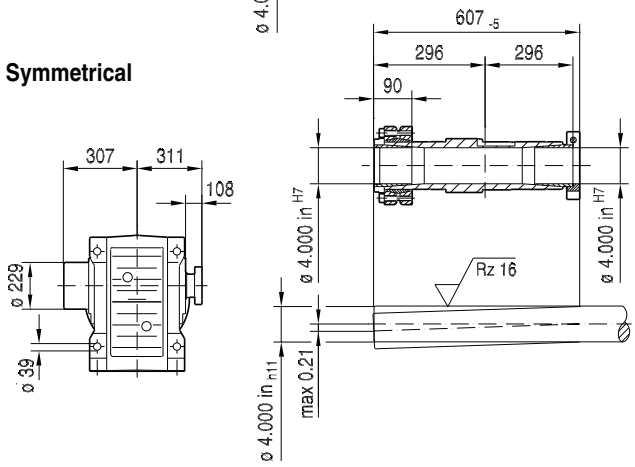


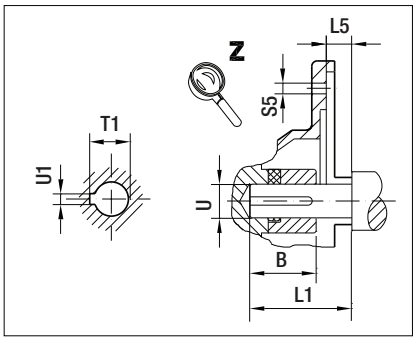
NON-Symmetrical





Symmetrical



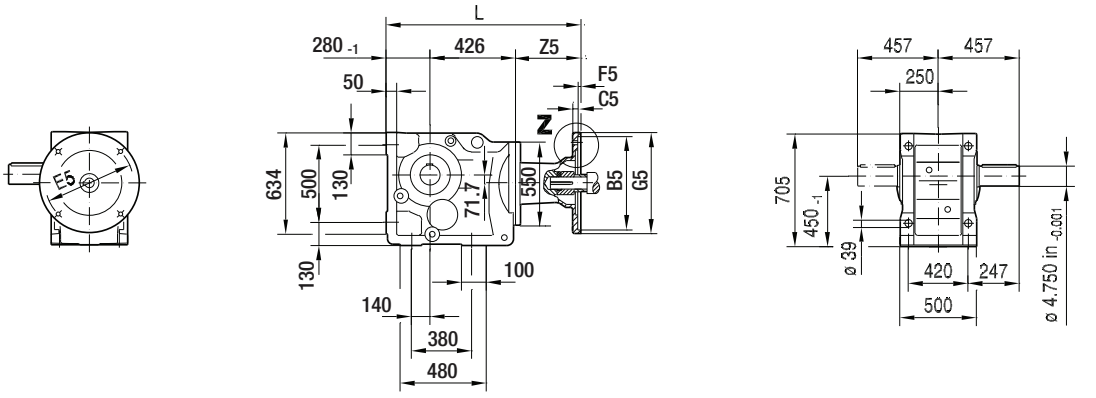


(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM213/215	2.76 in	8.50 in	11	7.25 in	5	228	773	3.38 in	0.25 in	15	1.52 in	1.375 in	0.312 in	157.5
AM254/256	3.65 in	8.50 in	12	7.25 in	5	228	823	4.00 in	0.25 in	15	1.80 in	1.625 in	0.375 in	208
AM284/286	4.00 in	10.50 in	15	9.00 in	5	286	830	4.62 in	0.25 in	15	2.10 in	1.875 in	0.500 in	215
AM324/326	3.88 in	12.50 in	17	11.0 in	5	356	890	5.25 in	0.25 in	17.5	2.36 in	2.125 in	0.500 in	275
AM364/365	4.51 in	12.50 in	17	11.0 in	5	356	890	5.88 in	0.25 in	17.5	2.66 in	2.375 in	0.625 in	275

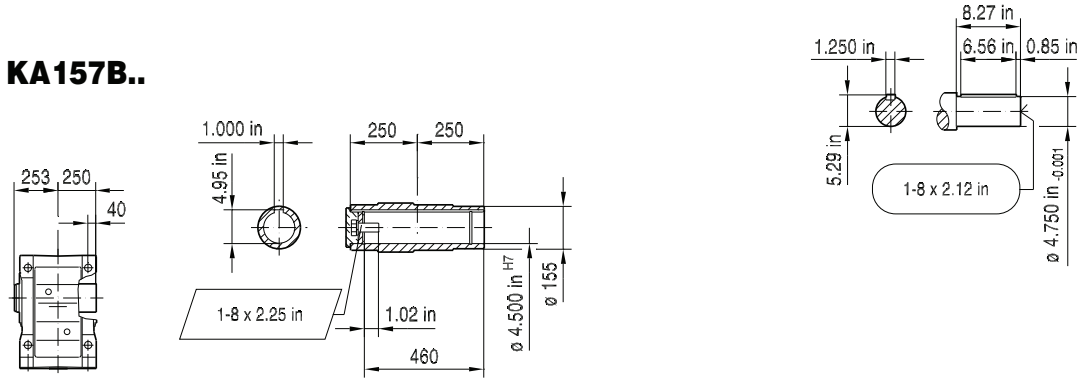
Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 577. For dimensions of compound gear units (ex: KT127R77) see page 565.

33 053 00 11

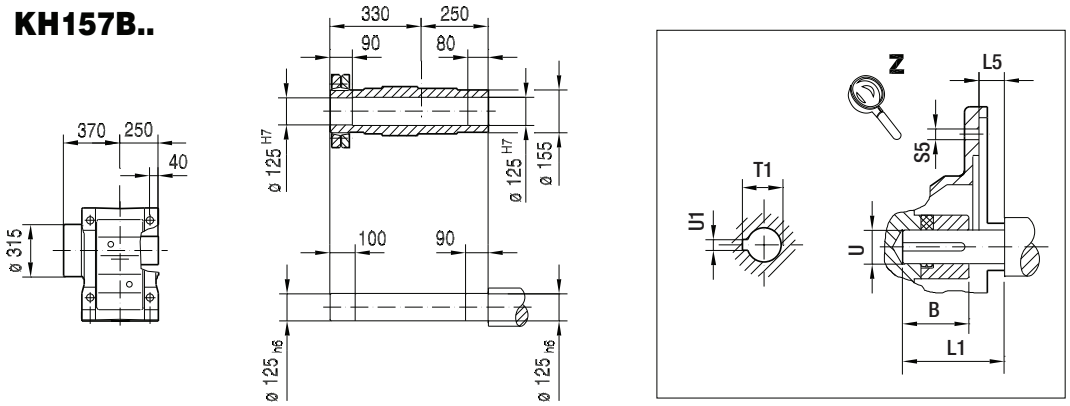
K157..



KA157B..



KH157B..

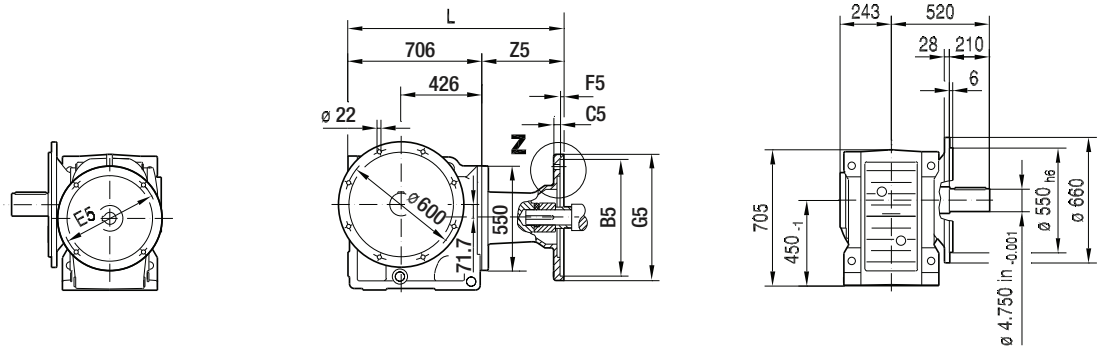


(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM254/256	3.65 in	8.50 in	12	7.25 in	5	228	906	4.00 in	0.25 in	15	1.80 in	1.625 in	0.375 in	200
AM284/286	4.00 in	10.50 in	15	9.00 in	5	286	913	4.62 in	0.25 in	15	2.10 in	1.875 in	0.500 in	207
AM324/326	3.88 in	12.50 in	17	11.0 in	5	356	973	5.25 in	0.25 in	17.5	2.36 in	2.125 in	0.500 in	267
AM364/365	4.51 in	12.50 in	17	11.0 in	5	356	973	5.88 in	0.25 in	17.5	2.66 in	2.375 in	0.625 in	267

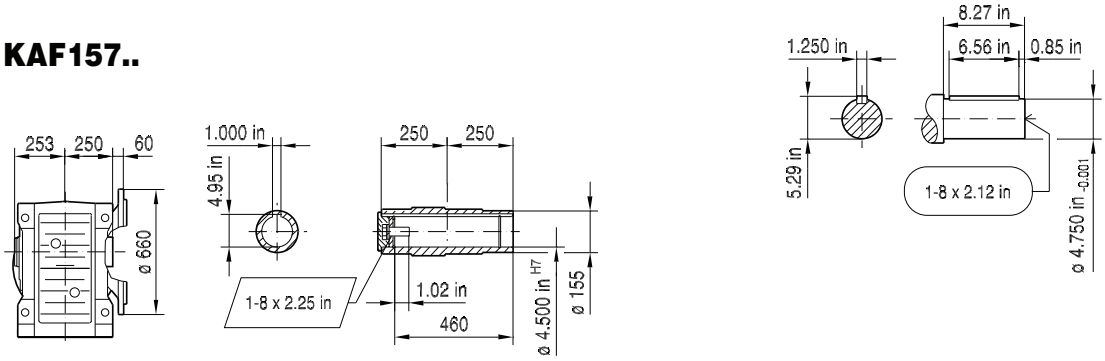
Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 573. For dimensions of compound gear units (ex: K157R97) see page 565.

KF157..

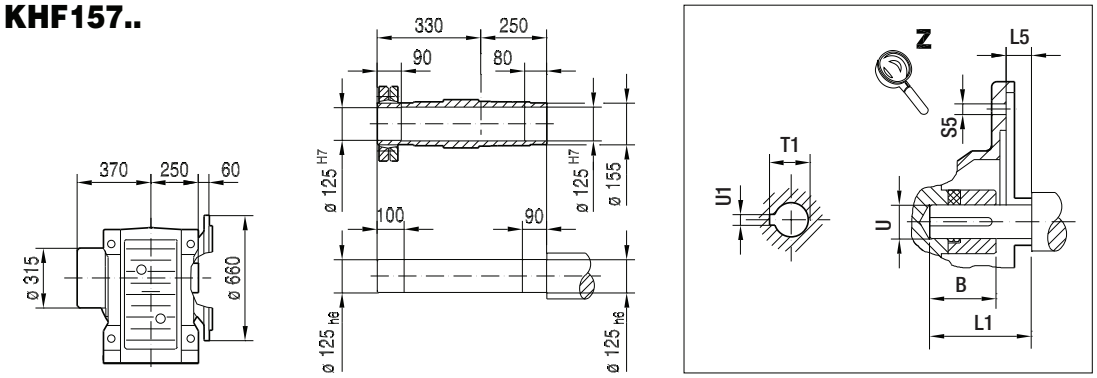
33 054 00 11



KAF157..



KHF157..

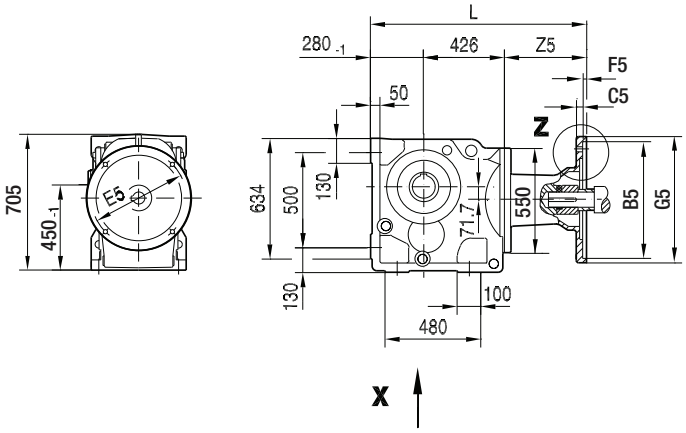


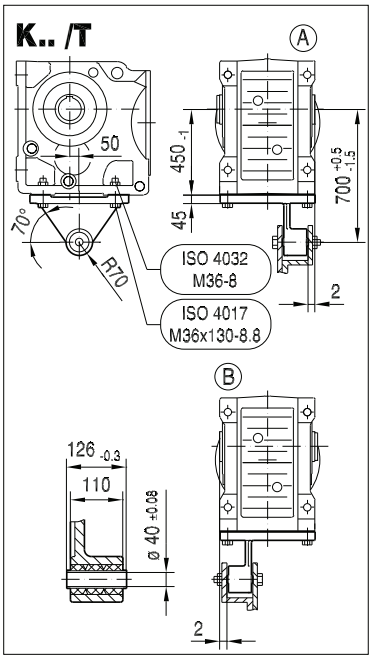
(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM254/256	3.65 in	8.50 in	12	7.25 in	5	228	906	4.00 in	0.25 in	15	1.80 in	1.625 in	0.375 in	200
AM284/286	4.00 in	10.50 in	15	9.00 in	5	286	913	4.62 in	0.25 in	15	2.10 in	1.875 in	0.500 in	207
AM324/326	3.88 in	12.50 in	17	11.0 in	5	356	973	5.25 in	0.25 in	17.5	2.36 in	2.125 in	0.500 in	267
AM364/365	4.51 in	12.50 in	17	11.0 in	5	356	973	5.88 in	0.25 in	17.5	2.66 in	2.375 in	0.625 in	267

Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 573. For dimensions of compound gear units (ex: KF157R97) see page 565.

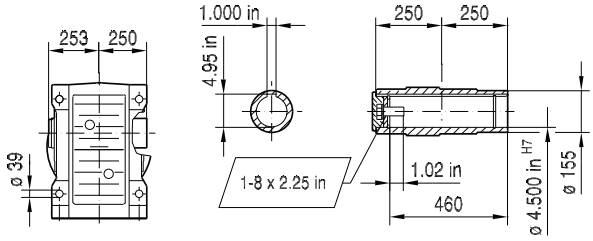
33 055 00 11

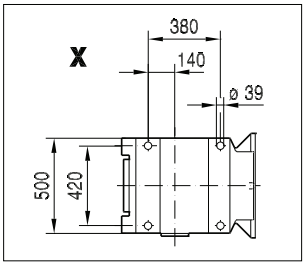
KA157..



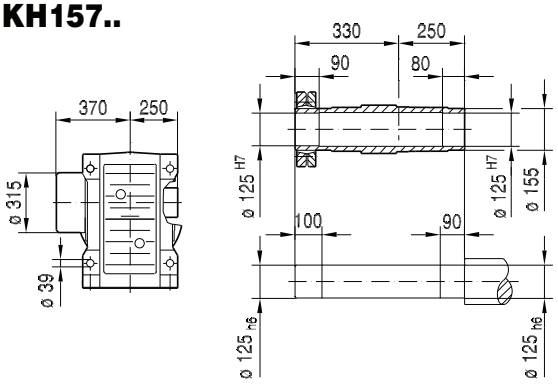


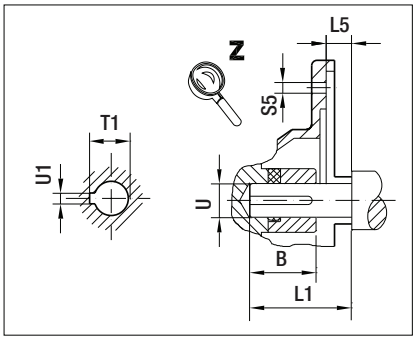
KA157..





KH157..



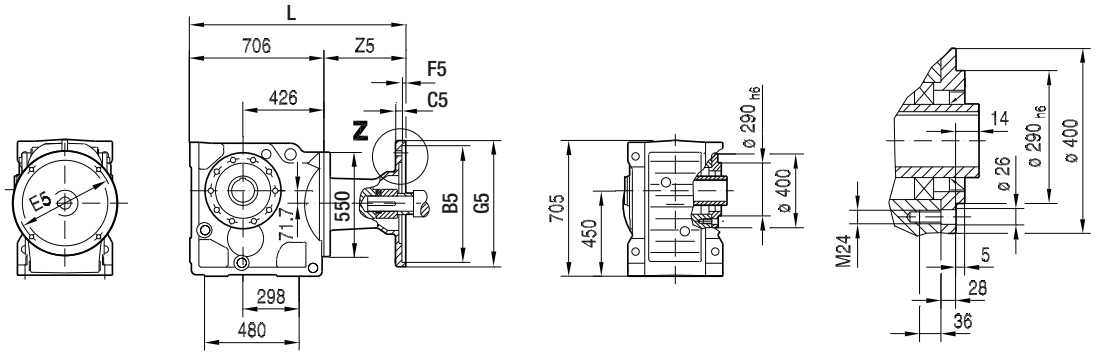


(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM254/256	3.65 in	8.50 in	12	7.25 in	5	228	906	4.00 in	0.25 in	15	1.80 in	1.625 in	0.375 in	200
AM284/286	4.00 in	10.50 in	15	9.00 in	5	286	913	4.62 in	0.25 in	15	2.10 in	1.875 in	0.500 in	207
AM324/326	3.88 in	12.50 in	17	11.0 in	5	356	973	5.25 in	0.25 in	17.5	2.36 in	2.125 in	0.500 in	267
AM364/365	4.51 in	12.50 in	17	11.0 in	5	356	973	5.88 in	0.25 in	17.5	2.66 in	2.375 in	0.625 in	267

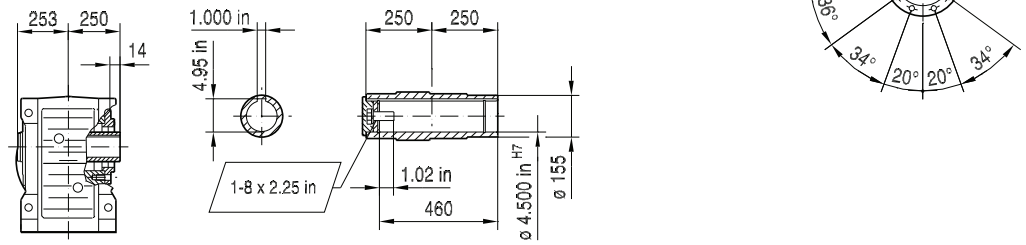
Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 575. For dimensions of compound gear units (ex: KA157R97) see page 565.

KAZ157..

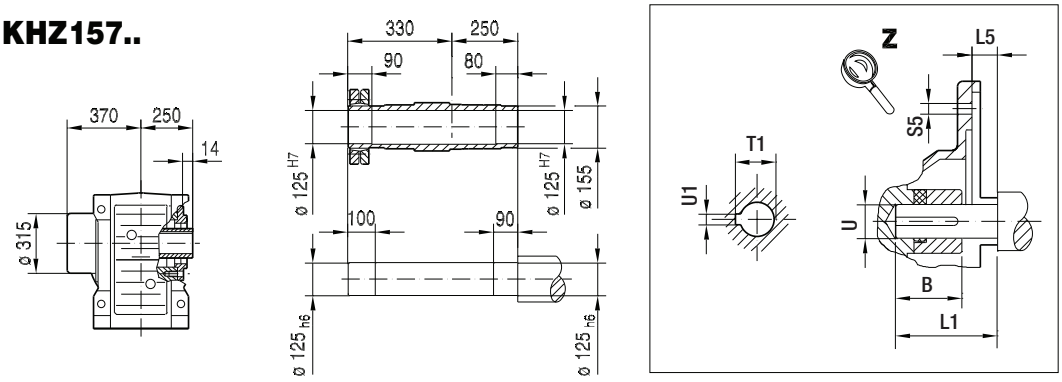
33 056 00 11



KAZ157..



KHZ157..

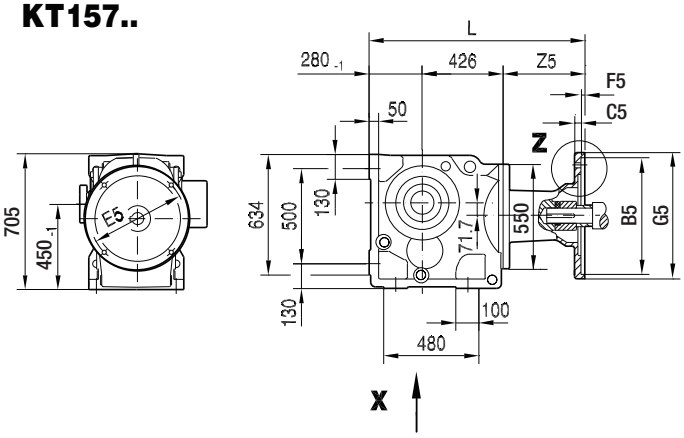


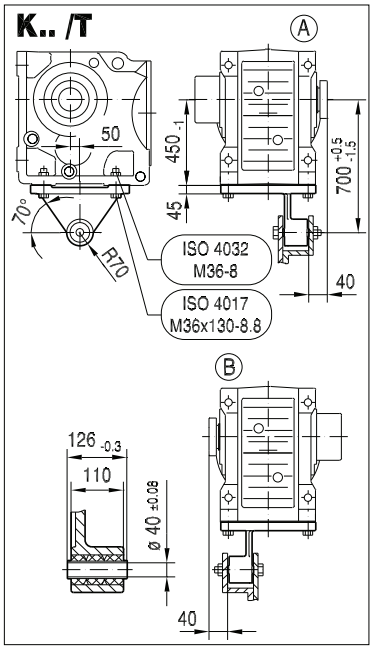
(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM254/256	3.65 in	8.50 in	12	7.25 in	5	228	906	4.00 in	0.25 in	15	1.80 in	1.625 in	0.375 in	200
AM284/286	4.00 in	10.50 in	15	9.00 in	5	286	913	4.62 in	0.25 in	15	2.10 in	1.875 in	0.500 in	207
AM324/326	3.88 in	12.50 in	17	11.0 in	5	356	973	5.25 in	0.25 in	17.5	2.36 in	2.125 in	0.500 in	267
AM364/365	4.51 in	12.50 in	17	11.0 in	5	356	973	5.88 in	0.25 in	17.5	2.66 in	2.375 in	0.625 in	267

Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 575. For dimensions of compound gear units (ex: KAZ157R97) see page 565.

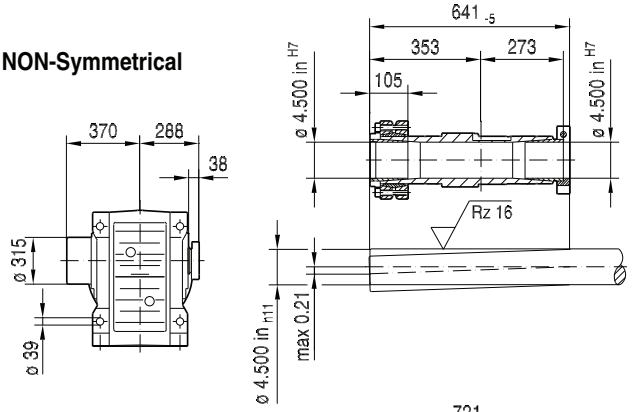
33 057 00 11

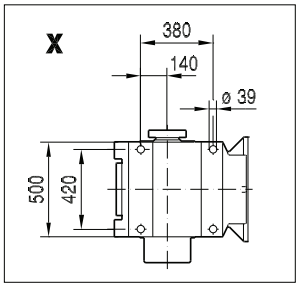
KT157..



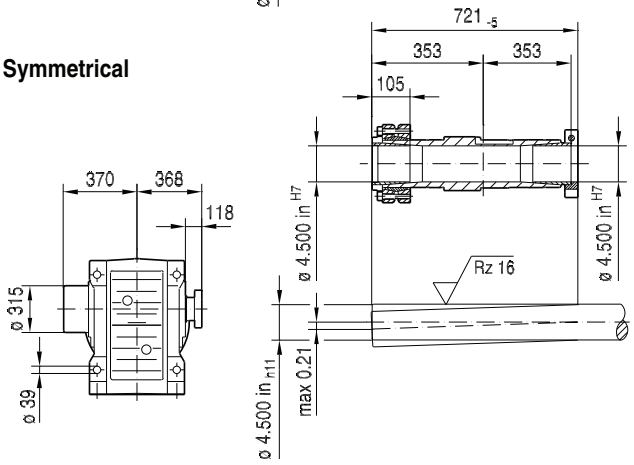


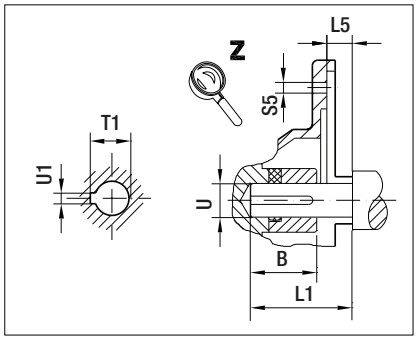
NON-Symmetrical





Symmetrical



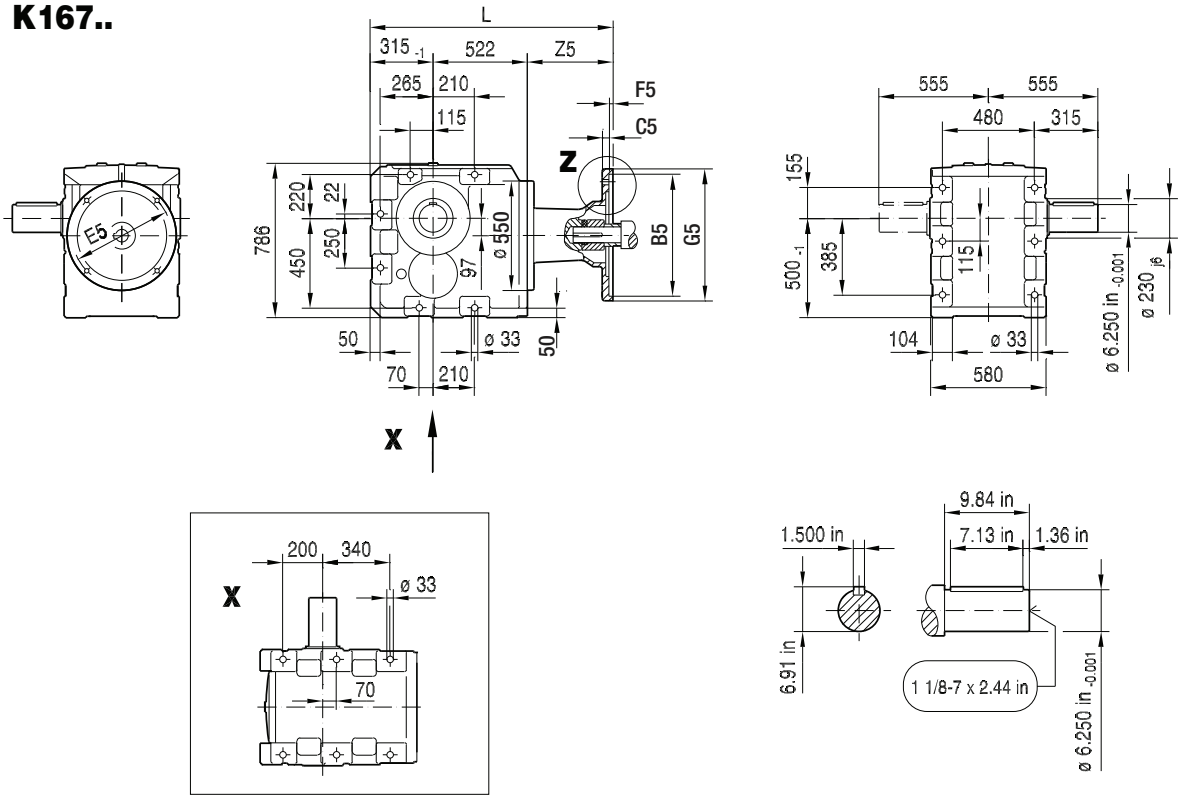


(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM254/256	3.65 in	8.50 in	12	7.25 in	5	228	906	4.00 in	0.25 in	15	1.80 in	1.625 in	0.375 in	200
AM284/286	4.00 in	10.50 in	15	9.00 in	5	286	913	4.62 in	0.25 in	15	2.10 in	1.875 in	0.500 in	207
AM324/326	3.88 in	12.50 in	17	11.0 in	5	356	973	5.25 in	0.25 in	17.5	2.36 in	2.125 in	0.500 in	267
AM364/365	4.51 in	12.50 in	17	11.0 in	5	356	973	5.88 in	0.25 in	17.5	2.66 in	2.375 in	0.625 in	267

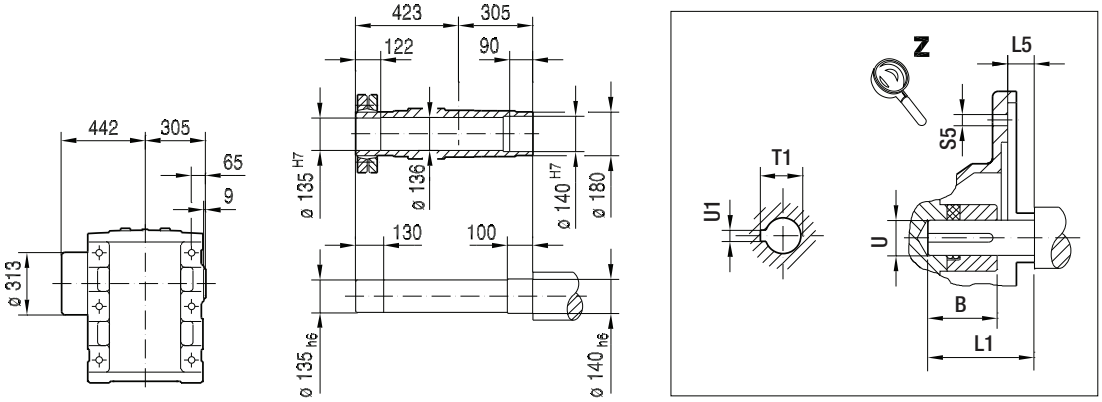
Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 577. For dimensions of compound gear units (ex: KT157R97) see page 565.

33 058 00 11

K167..



KH167B..

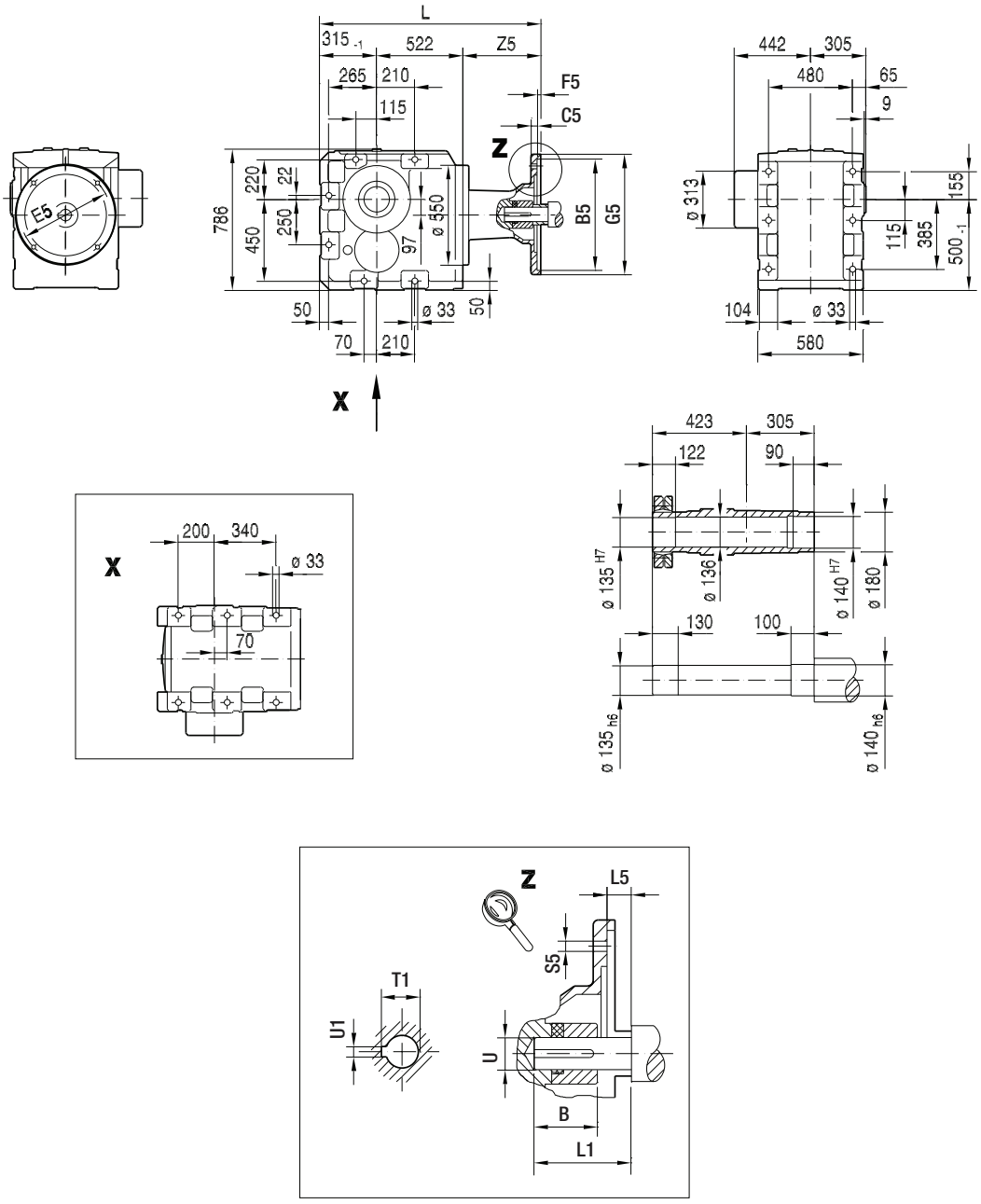


(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM254/256	3.65 in	8.50 in	12	7.25 in	5	228	1037	4.00 in	0.25 in	15	1.80 in	1.625 in	0.375 in	200
AM284/286	4.00 in	10.50 in	15	9.00 in	5	286	1044	4.62 in	0.25 in	15	2.10 in	1.875 in	0.500 in	207
AM324/326	3.88 in	12.50 in	17	11.0 in	5	356	1104	5.25 in	0.25 in	17.5	2.36 in	2.125 in	0.500 in	267
AM364/365	4.51 in	12.50 in	17	11.0 in	5	356	1104	5.88 in	0.25 in	17.5	2.66 in	2.375 in	0.625 in	267

Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 574. For dimensions of compound gear units (ex: K167R97) see page 565.

KH167..

33 059 00 11

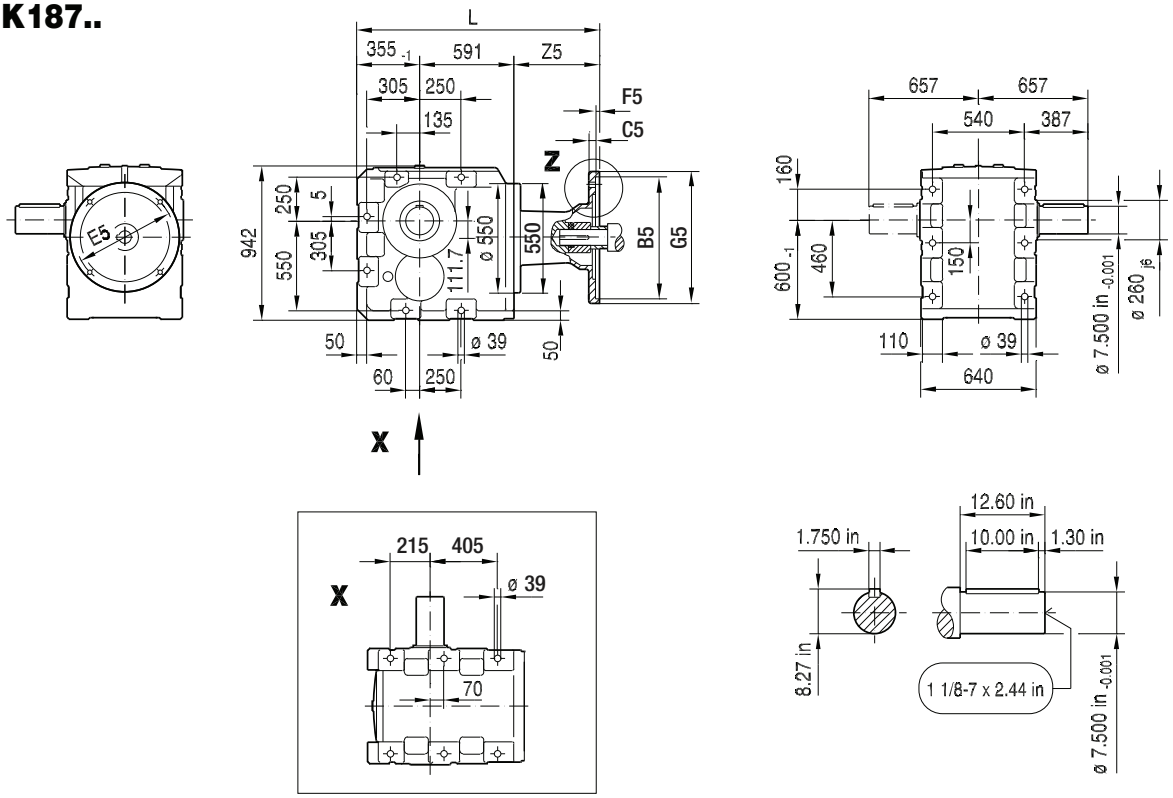


(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM254/256	3.65 in	8.50 in	12	7.25 in	5	228	1037	4.00 in	0.25 in	15	1.80 in	1.625 in	0.375 in	200
AM284/286	4.00 in	10.50 in	15	9.00 in	5	286	1044	4.62 in	0.25 in	15	2.10 in	1.875 in	0.500 in	207
AM324/326	3.88 in	12.50 in	17	11.0 in	5	356	1104	5.25 in	0.25 in	17.5	2.36 in	2.125 in	0.500 in	267
AM364/365	4.51 in	12.50 in	17	11.0 in	5	356	1104	5.88 in	0.25 in	17.5	2.66 in	2.375 in	0.625 in	267

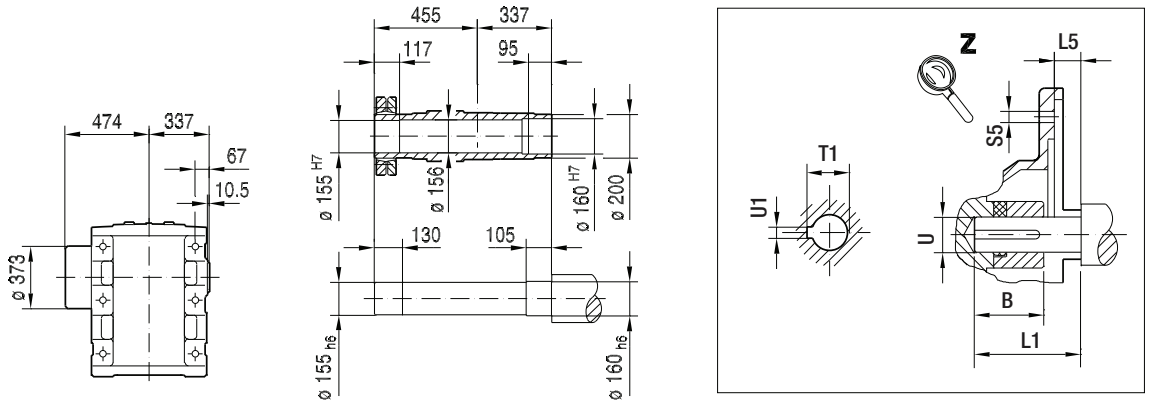
Note: Dimensions in mm unless otherwise noted. For dimensions of compound gear units (ex: KH167R97) see page 565.

33 060 00 11

K187..



KH187B..

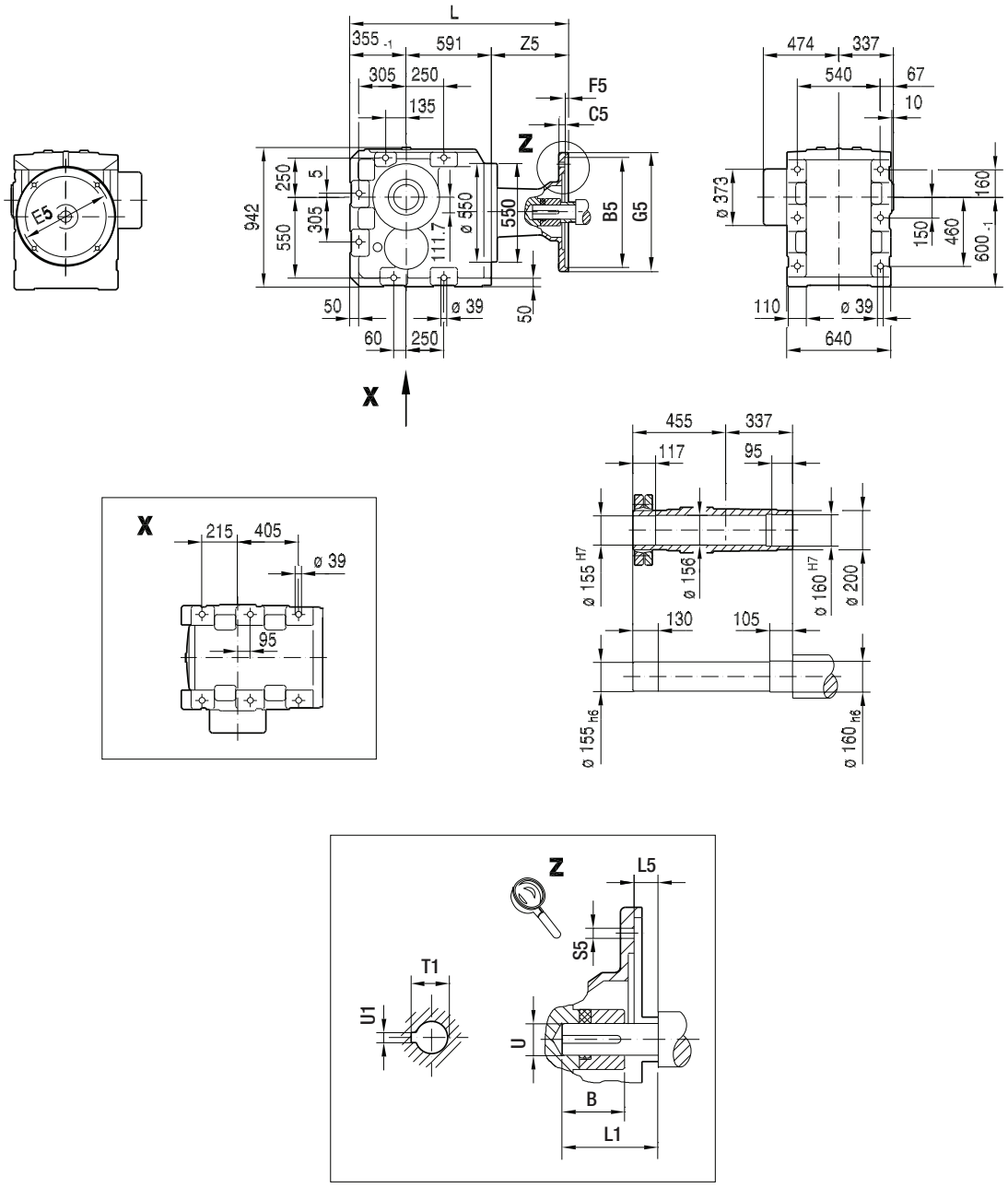


(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM254/256	3.65 in	8.50 in	12	7.25 in	5	228	1146	4.00 in	0.25 in	15	1.80 in	1.625 in	0.375 in	200
AM284/286	4.00 in	10.50 in	15	9.00 in	5	286	1153	4.62 in	0.25 in	15	2.10 in	1.875 in	0.500 in	207
AM324/326	3.88 in	12.50 in	17	11.0 in	5	356	1213	5.25 in	0.25 in	17.5	2.36 in	2.125 in	0.500 in	267
AM364/365	4.51 in	12.50 in	17	11.0 in	5	356	1213	5.88 in	0.25 in	17.5	2.66 in	2.375 in	0.625 in	267

Note: Dimensions in mm unless otherwise noted. For all available output shaft diameters, see page 574. For dimensions of compound gear units (ex: K187R97) see page 565.

KH187..

33 061 00 11

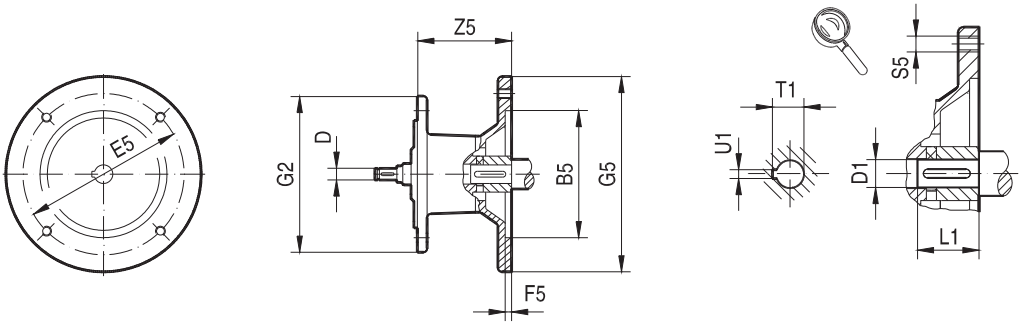


(→ 132)	B	B5	C5	E5	F5	G5	L	L1	L5	S5	T1	U	U1	Z5
AM254/256	3.65 in	8.50 in	12	7.25 in	5	228	1146	4.00 in	0.25 in	15	1.80 in	1.625 in	0.375 in	200
AM284/286	4.00 in	10.50 in	15	9.00 in	5	286	1153	4.62 in	0.25 in	15	2.10 in	1.875 in	0.500 in	207
AM324/326	3.88 in	12.50 in	17	11.0 in	5	356	1213	5.25 in	0.25 in	17.5	2.36 in	2.125 in	0.500 in	267
AM364/365	4.51 in	12.50 in	17	11.0 in	5	356	1213	5.88 in	0.25 in	17.5	2.66 in	2.375 in	0.625 in	267

Note: Dimensions in mm unless otherwise noted. For dimensions of compound gear units (ex: KH187R97) see page 565.

10.4 K.. AM.. [IEC dimensions]

23 002 100



		Dimensions in mm											
		B5	D	E5	F5	G2	G5	S5	Z5	D1	L1	T1	U1
K..19 K..29 K..37	**AM63**	95	10	115	3.5	120	140	M8	72	11	23	12.8	4
	AM71[1)]	110		130	4		160			14	30	16.3	5
	AM80[1)]	130	12	165	4.5		200	M10	106	19	40	21.8	6
	AM90[1)]		14							24	50	27.3	8
K..47 K..57 K..67	**AM63**	95	10	115	3.5	160	140	M8	66	11	23	12.8	4
	AM71	110		130	4		160			14	30	16.3	5
	AM80	130	12	165	4.5		200	M10	99	19	40	21.8	6
	AM90		14							24	50	27.3	8
	AM100[1)]	180	16	215	5		250	M12	134	28	60	31.3	8
	AM112[1)]		18										
	AM132S/M[1)]	230	22	265			300		191	38	80	41.3	10
K..77	**AM63**	95	10	115	3.5	200	140	M8	60	11	23	12.8	4
	AM71	110		130	4		160			14	30	16.3	5
	AM80	130	12	165	4.5		200	M10	92	19	40	21.8	6
	AM90		14							24	50	27.3	8
	AM100[1)]	180	16	215	5		250	M12	126	28	60	31.3	8
	AM112[1)]		18										
	AM132S/M[1)]	230	22	265			300		179	38	80	41.3	10
	AM132ML[1)]		28										
K..87	**AM80**	130	12	165	4.5	250	200	M10	87	19	40	21.8	6
	AM90		14							24	50	27.3	8
	AM100	180	16	215	5		250	M12	121	28	60	31.3	8
	AM112		18										
	AM132S/M	230	22	265			300		174	38	80	41.3	10
	AM132ML		28										
	AM160[1)]	250	28	300	6		350	M16	232	42	110	45.3	12
	AM180[1)]		32							48		51.8	14

1) Check dimension (G5)/2 because adapter may protrude past the bottom of the feet on a foot-mounted gear unit.

23 003 100

Fig.1

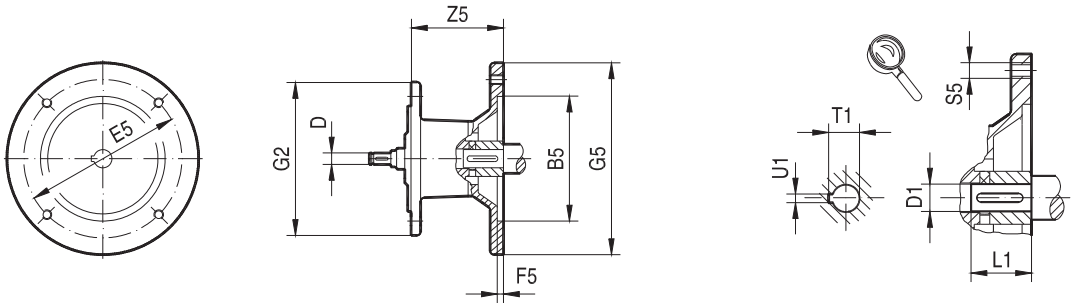


Fig.2

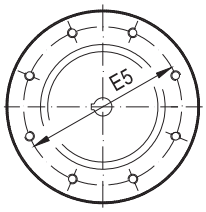


		Fig.	Dimensions in mm											
			B5	D	E5	F5	G2	G5	S5	Z5	D1	L1	T1	U1
K..97	**AM100**	1	180	16	215	5	300	250	M12	116	28	60	31.3	8
	AM112			18										
	AM132S/M		230	22	265			300		169	38	80	41.3	10
	AM132ML			28										
	AM160		250	28	300	6		350	M16	227	42	110	45.3	12
	AM180			32							48		51.8	14
	AM200		300	38	350	7		400		268	55		59.3	16
K..107	**AM100**	1	180	16	215	5	350	250	M12	110	28	60	31.3	8
	AM112			18										
	AM132S/M		230	22	265			300		163	38	80	41.3	10
	AM132ML			28										
	AM160		250	28	300	6		350	M16	221	42	110	45.3	12
	AM180			32							48		51.8	14
	AM200		300	38	350	7		400		262	55		59.3	16
	AM225	2	350	38	400			450		277	60	140	64.4	18

23 004 100

Fig.1

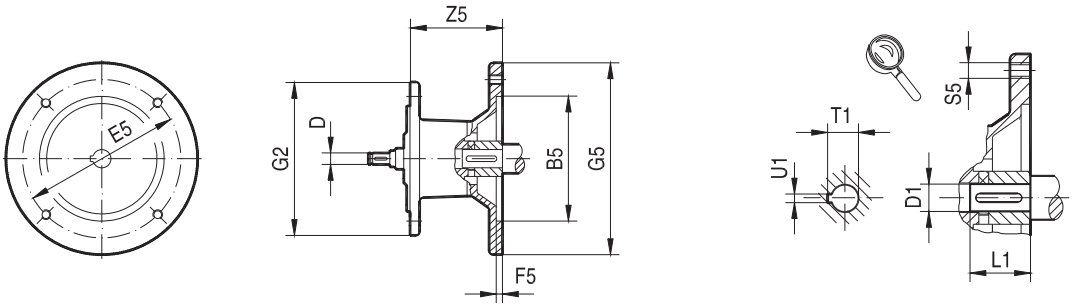


Fig.2

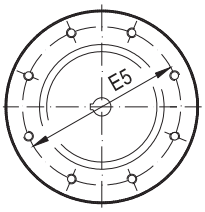
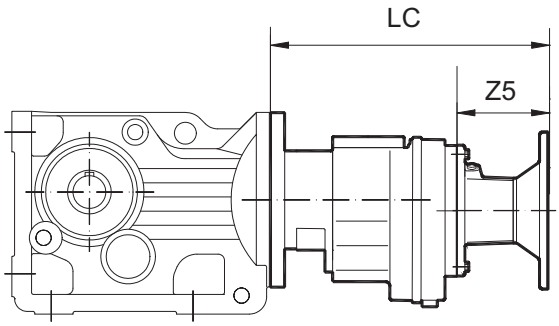


		Fig.	Dimensions in mm											
			B5	D	E5	F5	G2	G5	S5	Z5	D1	L1	T1	U1
K..127	AM132S/M	1	230	22	265	5	450	300	M12	148	38	80	41.3	10
	AM132ML			28							38			
	AM160		250	28	300	6		350	M16	206	42	110	45.3	12
	AM180			32							48		51.8	14
	AM200		300	38	350	7		400		247	55		59.3	16
	AM225	2	350	38	400			450		262	60	140	64.4	18
	AM250		450	48	500			550		336	65		69.4	
	AM280										75		79.9	20
K..157 K..167 K..187	AM160	1	250	28	300	6	550	350		198	42	110	45.3	12
	AM180			32							48		51.8	14
	AM200		300	38	350	7		400		239	55		59.3	16
	AM225	2	350	38	400			450		254	60	140	64.4	18
	AM250		450	48	500			550		328	65		69.4	
	AM280										75		79.9	20

10.5 K.. R.. AM.. [compound NEMA dimensions]



K_R_AM

Large Unit	Small Unit	Adapter	Z5	LC
K..47 K..57 K..67	R37	AM56	93.5	258.5
		AM143	117	282
		AM145	117	282
K..77	R37	AM56	93.5	250.5
		AM143	117	274
		AM145	117	274
K..87	R57	AM56	87	303
		AM143	110.5	326.5
		AM145	110.5	326.5
		AM182	147.5	363.5
		AM184	147.5	363.5
		AM213/215	200.5	416.5
K..97	R57	AM56	87	298
		AM143	110.5	321.5
		AM145	110.5	321.5
		AM182	147.5	358.5
		AM184	147.5	358.5
		AM213/215	200.5	411.5
K..107	R77	AM56	81	328
		AM143	103.5	350.5
		AM145	103.5	350.5
		AM182	139.5	386.5
		AM184	139.5	386.5
		AM213/215	188.5	435.5

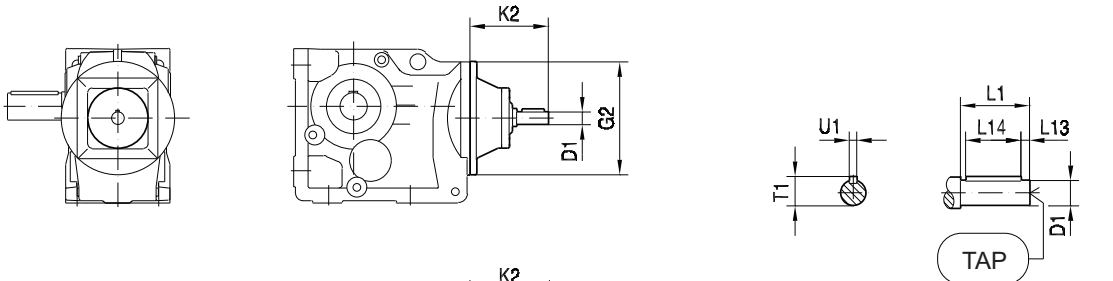
Large Unit	Small Unit	Adapter	Z5	LC
K..127	R77	AM56	81	313
		AM143	103.5	335.5
		AM145	103.5	335.5
		AM182	139.5	371.5
		AM184	139.5	371.5
		AM213/215	188.5	420.5
	R87	AM143	98.5	378.5
		AM145	98.5	378.5
		AM182	134.5	414.5
		AM184	134.5	414.5
		AM213/215	183.5	463.5
		AM254/256	234	514
		AM284/286	241	521
K..157 K..167 K..187	R97	AM182	129.5	454.5
		AM184	129.5	454.5
		AM213/215	178.5	503.5
		AM254/256	229	554
		AM284/286	236	561
		AM324/326	296	621
		AM364/365	296	621
	R107	AM182	123.5	505.5
		AM184	123.5	505.5
		AM213/215	172.5	554.5
		AM254/256	223	605
		AM284/286	230	612
		AM324/326	290	672
		AM364/365	290	672

10.6 K.. AD.. [dimensions]

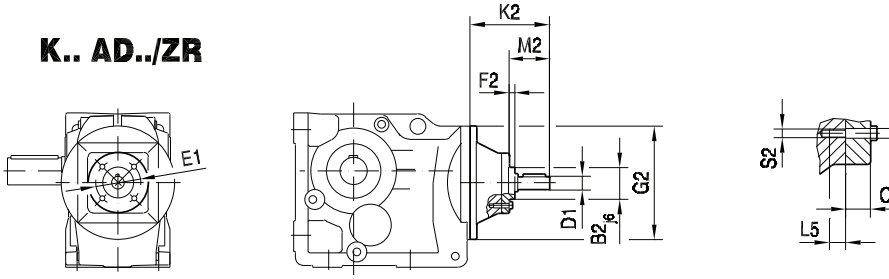
10.6.1 Input Shaft - Inch

K.. AD..

33 039 02 01US



K.. AD../ZR

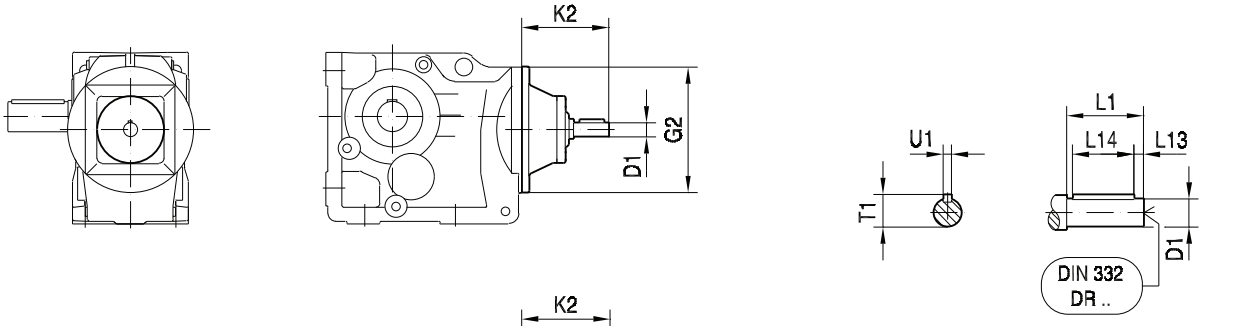


		B2	C1	D1	E1	F2	G2	K2	L1	L5	L13	L14	M2	S1	S2	T1	U1	TAP (inch)
K..19 K..29 K..37	**AD1**	-	-	0.625 in	-	-	120	102	40	-	4	32	-	-	-	0.70 in	0.1875 in	1/4-20 x0.63
	AD2	55	13.5	0.750 in	80	8		130	40	12	4	32	50	9	M8	0.83 in		
K..39	**AD2**	55	13.5	0.750 in	80	8	160	123	40	12	4	32	50	9	M8	0.83 in	0.1875 in	1/4-20 x0.63
K..47	**AD3**	70	15.5	0.875 in	105	8		159	50	16	5	40	60	11	M10	0.96 in		5/16-18 x0.87
K..49	**AD2**	55	13.5	0.750 in	80	8	200	116	40	12	4	32	50	9	M8	0.83 in	0.1875 in	1/4-20 x0.63
	AD3	70	15.5	0.875 in	105	8		151	50	16	5	40	60	11	M10	0.96 in		5/16-18 x0.87
	AD4	100	16	1.375 in	130	13		224	80	20	5	70	95.5	13.5	M12	1.51 in	0.3125 in	1/2-13 x1.12
K..57	**AD2**	55	13.5	0.750 in	80	8	160	123	40	12	4	32	50	9	M8	0.83 in	0.1875 in	1/4-20 x0.63
K..67	**AD3**	70	15.5	0.875 in	105	8		159	50	16	5	40	60	11	M10	0.96 in		5/16-18 x0.87
K..77	**AD2**	55	13.5	0.750 in	80	8	200	116	40	12	4	32	50	9	M8	0.83 in	0.1875 in	1/4-20 x0.63
	AD3	70	15.5	0.875 in	105	8		151	50	16	5	40	60	11	M10	0.96 in		5/16-18 x0.87
	AD4	100	16	1.375 in	130	13		224	80	20	5	70	95.5	13.5	M12	1.51 in	0.3125 in	1/2-13 x1.12
K..87	**AD2**	55	13.5	0.750 in	80	8	250	111	40	12	4	32	50	9	M8	0.83 in	0.1875 in	1/4-20 x0.63
	AD3	70	15.5	0.875 in	105	8		156	60	16	5	50	70	11	M10	0.96 in		5/16-18 x0.87
	AD4	100	16	1.375 in	130	13		219	80	20	5	70	95.5	13.5	M12	1.51 in	0.3125 in	1/2-13 x1.12
	AD5	120	24	1.625 in	180	11		292	110	20	10	70	126	13.5	M12	1.79 in	0.375 in	5/8-11 x1.38
K..97	**AD3**	70	15.5	0.875 in	105	8	300	151	60	16	5	50	70	11	M10	0.96 in	0.1875 in	5/16-18 x0.87
	AD4	100	16	1.375 in	130	13		214	80	20	5	70	95.5	13.5	M12	1.51 in	0.3125 in	1/2-13 x1.12
	AD5	120	24	1.625 in	180	11		287	110	20	10	70	126	13.5	M12	1.79 in	0.375 in	5/8-11 x1.38
	AD6	130	22.5	1.875 in	200	11		327	110	26	10	80	130.5	17.5	M16	2.09 in	0.50 in	
K..107	**AD3**	70	15.5	0.875 in	105	8	350	145	60	16	5	50	70	11	M10	0.96 in	0.1875 in	5/16-18 x0.87
	AD4	100	16	1.375 in	130	13		208	80	20	5	70	95.5	13.5	M12	1.51 in	0.3125 in	1/2-13 x1.12
	AD5	120	24	1.625 in	180	11		281	110	20	10	70	126	13.5	M12	1.79 in	0.375 in	5/8-11 x1.38
	AD6	130	22.5	1.875 in	200	11		321	110	26	10	80	130.5	17.5	M16	2.09 in	0.50 in	
K..127	**AD4**	100	16	1.375 in	130	13	450	193	80	20	5	70	95.5	13.5	M12	1.51 in	0.3125 in	1/2-13 x1.12
	AD5	120	24	1.625 in	180	11		266	110	20	10	70	126	13.5	M12	1.79 in	0.375 in	5/8-11 x1.38
	AD6	130	22.5	1.875 in	200	11		306	110	26	10	80	130.5	17.5	M16	2.09 in	0.50 in	
	AD7	125	19	2.125 in	190	13		300	110	30	10	90	133	22	M20	2.35 in		3/4-10 x1.61
	AD8	120	22.5	2.750 in	210	5		383	140	19.5	15	110	155	13.5	M12	3.03 in	0.625 in	
K..157 K..167 K..187	**AD5**	120	24	1.625 in	180	11	550	258	110	20	10	70	126	13.5	M12	1.79 in	0.375 in	5/8-11 x1.38
	AD6	130	22.5	1.875 in	200	11		298	110	26	10	80	130.5	17.5	M16	2.09 in	0.50 in	
	AD7	125	19	2.125 in	190	13		292	110	30	10	90	133	22	M20	2.35 in		3/4-10 x1.61
	AD8	120	22.5	2.750 in	210	5		374	140	19.5	15	110	155	13.5	M12	3.03 in	0.625 in	

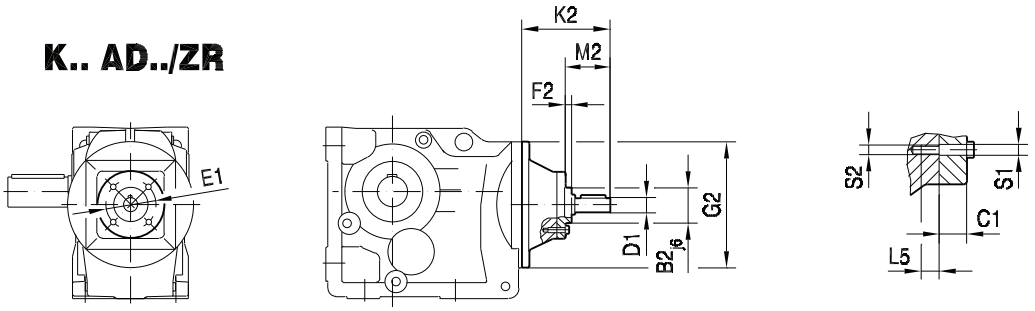
10.6.2 Input shaft - Metric

K.. AD..

33 039 02 01

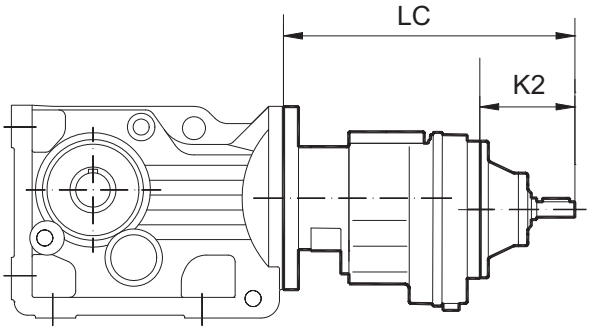


K.. AD../ZR



		B2	C1	E1	F2	G2	K2	L5	M2	S1	S2	D1	L1	L13	L14	T1	U1
K..19 K..29 K..37	**AD1**	-	-	-	-	120	102	-	-	-	-	16	40	4	32	18	5
	AD2 , AD2/ZR	55	13.5	80	8		130	12	50	9	M8	19	40	4	32	21.5	6
K..39 K..47	**AD2 , AD2/ZR**	55	13.5	80	8	160	123	12	50	9	M8	19	40	4	32	21.5	6
	AD3 , AD3/ZR	70	15.5	105	8		159	16	60	11	M10	24	50	5	40	27	8
K..49	**AD2 , AD2/ZR**	55	13.5	80	8	200	116	12	50	9	M8	19	40	4	32	21.5	6
	AD3 , AD3/ZR	70	15.5	105	8		151	16	60	11	M10	24	50	5	40	27	8
	AD4 , AD4/ZR	100	16	130	13		224	20	95.5	13.5	M12	38	80	5	70	41	10
K..57 K..67	**AD2 , AD2/ZR**	55	13.5	80	8	160	123	12	50	9	M8	19	40	4	32	21.5	6
	AD3 , AD3/ZR	70	15.5	105	8		159	16	60	11	M10	24	50	5	40	27	8
K..77	**AD2 , AD2/ZR**	55	13.5	80	8	200	116	12	50	9	M8	19	40	4	32	21.5	6
	AD3 , AD3/ZR	70	15.5	105	8		151	16	60	11	M10	24	50	5	40	27	8
	AD4 , AD4/ZR	100	16	130	13		224	20	95.5	13.5	M12	38	80	5	70	41	10
K..87	**AD2 , AD2/ZR**	55	13.5	80	8	250	111	12	50	9	M8	19	40	4	32	21.5	6
	AD3 , AD3/ZR	70	15.5	105	8		156	16	70	11	M10	28	60	5	50	31	8
	AD4 , AD4/ZR	100	16	130	13		219	20	95.5	13.5	M12	38	80	5	70	41	10
	AD5 , AD5/ZR	120	24	180	11		292	20	126	13.5	M12	42	110	10	70	45	12
K..97	**AD3 , AD3/ZR**	70	15.5	105	8	300	151	16	70	11	M10	28	60	5	50	31	8
	AD4 , AD4/ZR	100	16	130	13		214	20	95.5	13.5	M12	38	80	5	70	41	10
	AD5 , AD5/ZR	120	24	180	11		287	20	126	13.5	M12	42	110	10	70	45	12
	AD6 , AD6/ZR	130	22.5	200	11		327	26	130.5	17.5	M16	48	110	10	80	51.5	14
K..107	**AD3 , AD3/ZR**	70	15.5	105	8	350	145	16	70	11	M10	28	60	5	50	31	8
	AD4 , AD4/ZR	100	16	130	13		208	20	95.5	13.5	M12	38	80	5	70	41	10
	AD5 , AD5/ZR	120	24	180	11		281	20	126	13.5	M12	42	110	10	70	45	12
	AD6 , AD6/ZR	130	22.5	200	11		321	26	130.5	17.5	M16	48	110	10	80	51.5	14
K..127	**AD4 , AD4/ZR**	100	16	130	13	450	193	20	95.5	13.5	M12	38	80	5	70	41	10
	AD5 , AD5/ZR	120	24	180	11		266	20	126	13.5	M12	42	110	10	70	45	12
	AD6 , AD6/ZR	130	22.5	200	11		306	26	130.5	17.5	M16	48	110	10	80	51.5	14
	AD7 , AD7/ZR	125	19	190	13		300	30	133	22	M20	55	110	10	90	59	16
	AD8 , AD8/ZR	120	22.5	210	5		383	19.5	155	13.5	M12	70	140	15	110	74.5	20
K..157 K..167 K..187	**AD5 , AD5/ZR**	120	24	180	11	550	258	20	126	13.5	M12	42	110	10	70	45	12
	AD6 , AD6/ZR	130	22.5	200	11		298	26	130.5	17.5	M16	48	110	10	80	51.5	14
	AD7 , AD7/ZR	125	19	190	13		292	30	133	22	M20	55	110	10	90	59	16
	AD8 , AD8/ZR	120	22.5	210	5		374	19.5	155	13.5	M12	70	140	15	110	74.5	20

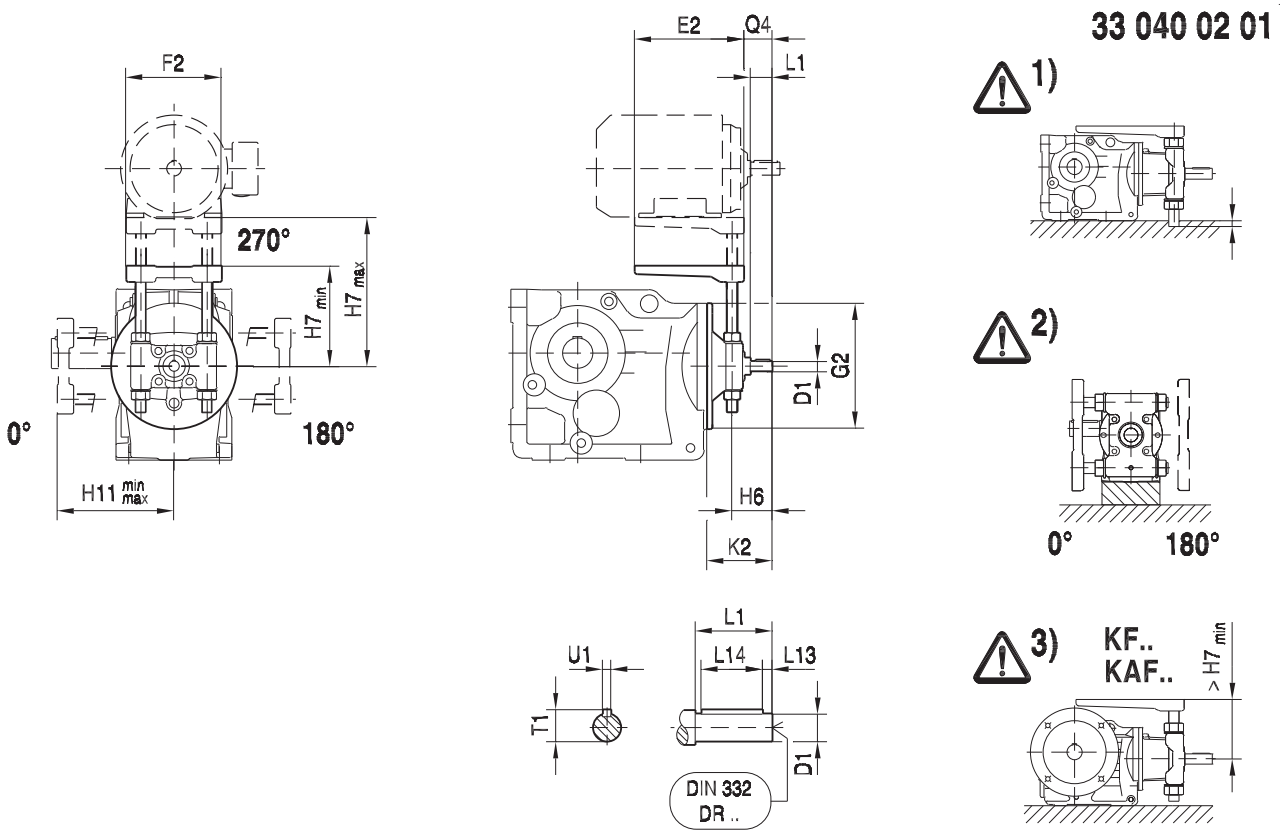
10.7 K.. R.. AD.. [compound dimensions]



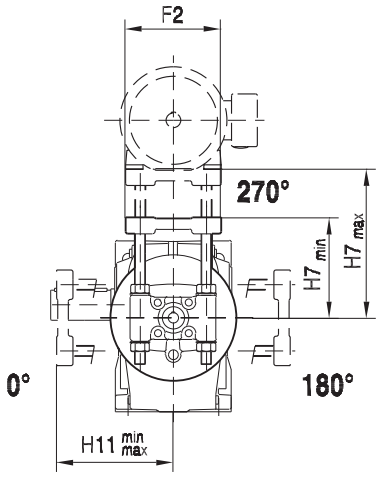
K_R_AD

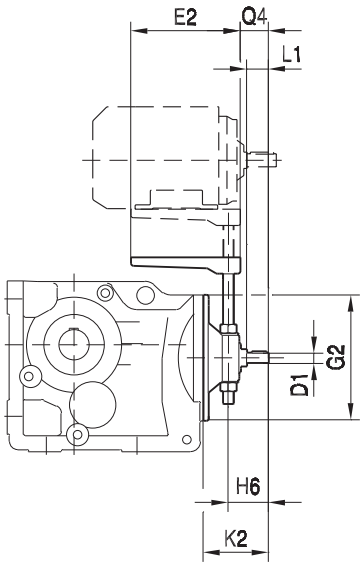
Large Unit	Small Unit	Adapter	K2	LC
K..47 K..57 K..67	**R37**	AD1	102	267
		AD2	130	295
K..49 K..77	**R37**	AD1	102	259
		AD2	130	287
K..87	**R57**	AD2	123	339
		AD3	159	375
K..97	**R57**	AD2	123	334
		AD3	159	370
K..107	**R77**	AD2	116	363
		AD3	151	398
		AD4	224	471
K..127	**R77**	**AD2**	116	348
		AD3	151	383
		AD4	224	456
	R87	**AD2**	111	391
		AD3	156	436
		AD4	219	499
		AD5	292	572
K..157 K..167 K..187	**R97**	AD3	151	476
		AD4	214	539
		AD5	287	612
		AD6	327	652
	R107	AD3	145	527
		AD4	208	590
		AD5	281	663
		AD6	321	703

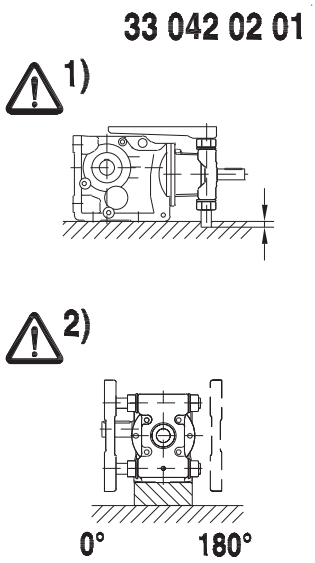
10.8 K.. AD../P [dimensions]

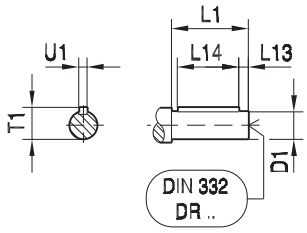


		E2	F2	G2	H6	H7 min	H7 max	H11min	H11max	K2	Q4	D1	L1	L13	L14	T1	U1	⚠ →131
K..37	**AD2/P**	195	180	120	65	100	165	95	165	130	43	19	40	4	32	21.5	6	1)
K..47	**AD2/P**	195	180	160	65	110	165	110	165	123	43	19	40	4	32	21.5	6	1)
	AD3/P	230	240		80	125	175	125	175	159	54	24	50	5	40	27	8	1), 2)
K..57	**AD2/P**	195	180	160	65	120	165	120	165	123	43	19	40	4	32	21.5	6	
	AD3/P	230	240		80	130	175	130	175	159	54	24	50	5	40	27	8	1), 2), 3)
K..67	**AD2/P**	195	180	160	65	130	200	125	165	123	43	19	40	4	32	21.5	6	1)
	AD3/P	230	240		80	135	175	130	175	159	54	24	50	5	40	27	8	3)
K..77	**AD2/P**	195	180	200	65	160	260	140	260	116	43	19	40	4	32	21.5	6	1)
	AD3/P	230	240		80	160	230	145	175	151	54	24	50	5	40	27	8	1)
	AD4/P	345	291		118	170	210	150	210	224	83	38	80	5	70	41	10	3)
K..87	**AD2/P**	195	180	250	65	180	260	170	200	111	43	19	40	4	32	21.5	6	
	AD3/P	230	240		90	180	230	175	230	156	64	28	60	5	50	31	8	
	AD4/P	345	291		118	190	280	180	210	219	83	38	80	5	70	41	10	1)
	AD5/P	430	355		153	190	250	185	250	292	113	42	110	10	70	45	12	1), 3)
K..97	**AD3/P**	230	240	300	90	210	320	210	320	151	64	28	60	5	50	31	8	
	AD4/P	345	291		118	215	280	215	280	214	83	38	80	5	70	41	10	
	AD5/P	430	355		153	225	325	215	250	287	113	42	110	10	70	45	12	1), 3)
K..107	**AD3/P**	230	240	350	90	260	320	220	320	145	64	28	60	5	50	31	8	
	AD4/P	345	291		118	265	360	220	280	208	83	38	80	5	70	41	10	
	AD5/P	430	355		153	270	325	225	325	281	113	42	110	10	70	45	12	
	AD6/P	495	457		163	270	310	250	310	321	114	48	110	10	80	51.5	14	3)
K..127	**AD4/P**	345	291	450	118	305	360	245	280	193	83	38	80	5	70	41	10	
	AD5/P	430	355		153	310	405	255	325	266	113	42	110	10	70	45	12	
	AD6/P	495	457		163	305	360	300	360	306	114	48	110	10	80	51.5	14	3)
	AD7/P	650	570		170	305	365	305	365	300	112	55	110	10	90	59	16	3)







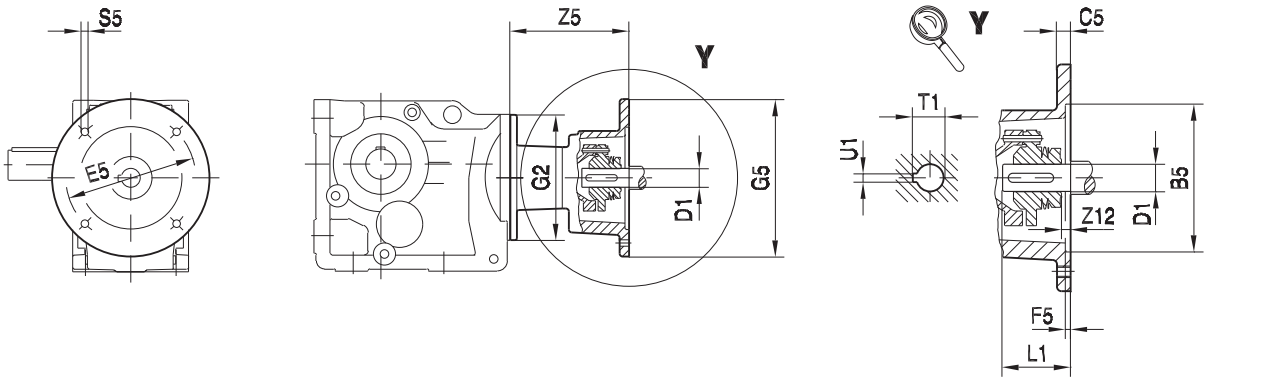


		E2	F2	G2	H6	H7 min	H7 max	H11 min	H11 max	K2	Q4	D1	L1	L13	L14	T1	U1	⚠ →131
	AD5/P	430	355		153	360	405	295	325	258	113	42	110	10	70	45	12	
K..157	**AD6/P**	495	457	550	163	375	475	375	475	298	114	48	110	10	80	51.5	14	3)
	AD7/P	650	570		170	375	475	375	475	292	112	55	110	10	90	59	16	3)
	AD5/P	430	355		153	415	495	350	405	258	113	42	110	10	70	45	12	
K..167	**AD6/P**	495	457	550	163	420	475	375	475	298	114	48	110	10	80	51.5	14	
	AD7/P	650	570		170	420	475	375	475	292	112	55	110	10	90	59	16	
	AD5/P	430	355		153	480	545	380	495	258	113	42	110	10	70	45	12	
K..187	**AD6/P**	495	457	550	163	485	525	380	475	298	114	48	110	10	80	51.5	14	
	AD7/P	650	570		170	485	525	380	475	292	112	55	110	10	90	59	16	

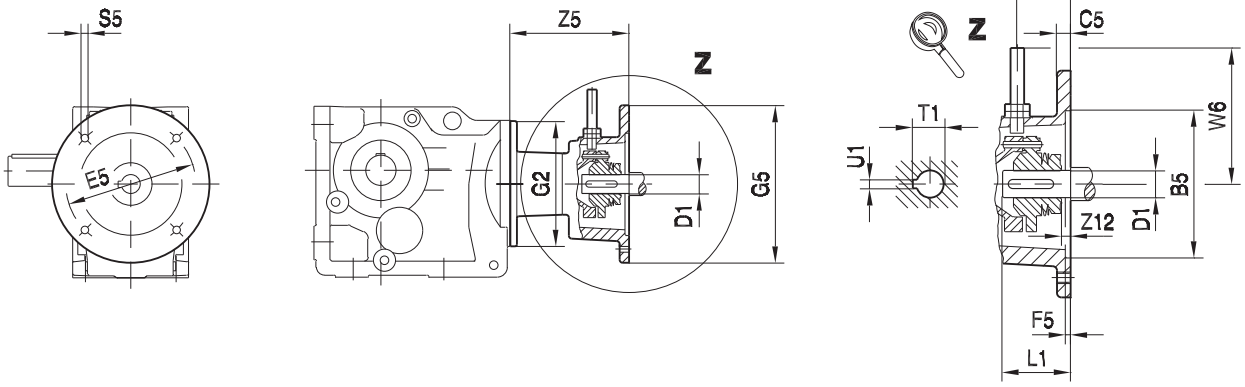
10.9 K.. AR.. [dimensions]

K.. AR..

33 037 02 01



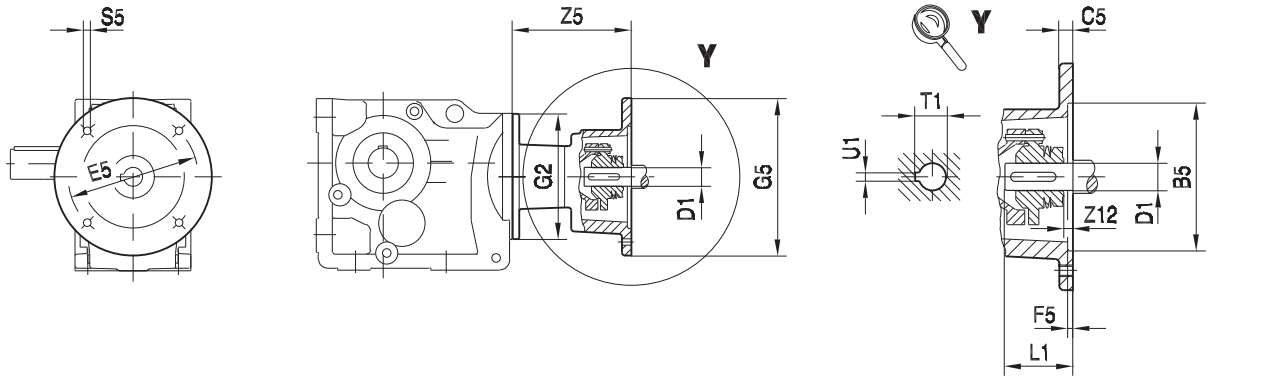
K.. AR../W



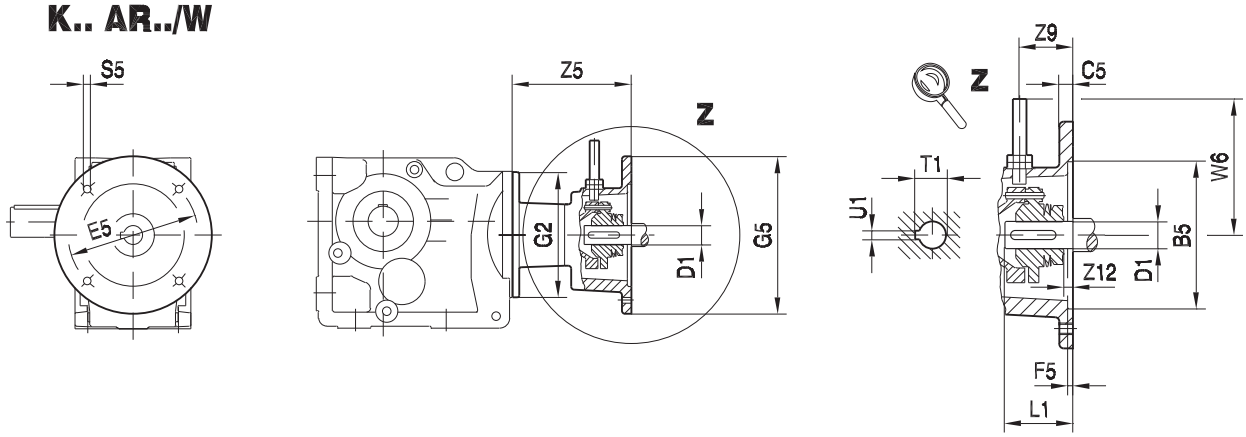
		B5	C5	E5	F5	G2	G5	S5	W6	Z5	Z9	Z12	D1	L1	T1	U1
K..19	**AR71**	110	10	130	3.5	120	160	M8	120	104	37	0	14	30	16.3	5
K..29	**AR80**	130	12	165	4.5		200	M10		140.5			19	40	21.8	6
K..37	**AR90**												24	50	27.3	8
K..39	**AR71**	110	10	130	3.5	160	160	M8	120	97.5	37	0	14	30	16.3	5
K..47	**AR80**	130	12	165	4.5		200	M10		134			19	40	21.8	6
K..57	**AR90**												24	50	27.3	8
K..67	**AR100**	180	15	215	5		250	M12	130	174.5	52	5.5	28	60	31.3	8
	AR112															
K..49	**AR71**	110	10	130	3.5	200	160	M8	120	91.5	37	0	14	30	16.3	5
K..77	**AR80**	130	12	165	4.5		200	M10		127			19	40	21.8	6
	AR90												24	50	27.3	8
	AR100	180	15	215	5		250	M12	130	166.5	52	5.5	28	60	31.3	8
	AR112															
	AR132S/M	230	16	265	5		300	M12	145	234	72	5	38	80	41.3	10
	AR132ML															
K..87	**AR80**	130	12	165	4.5	250	200	M10	120	122	37	0	19	40	21.8	6
	AR90												24	50	27.3	8
	AR100	180	15	215	5		250	M12	130	161.5	52	5.5	28	60	31.3	8
	AR112															
	AR132S/M	230	16	265	5		300	M12	145	229	72	5	38	80	41.3	10
	AR132ML															
	AR160	250	18	300	6		350	M16	165	306.5	105	35	42	110	45.3	12
	AR180												48	110	51.8	14

K.. AR..

33 038 02 01



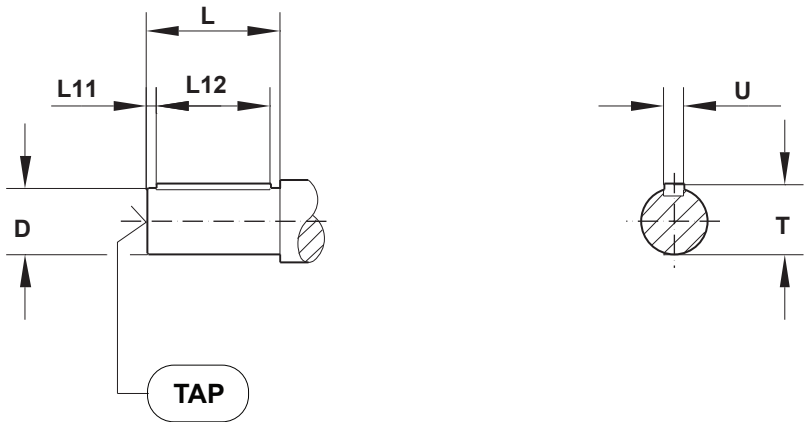
K.. AR../W



		B5	C5	E5	F5	G2	G5	S5	W6	Z5	Z9	Z12	D1	L1	T1	U1
K..97	AR100	180	15	215	5	300	250	M12	130	156.5	52	5.5	28	60	31.3	8
	AR112															
	AR132S/M	230	16	265	5		300	M12	145	224	72	5	38	80	41.3	10
	AR132ML															
	AR160	250	18	300	6		350	M16	165	301.5	105	35	42	110	45.3	12
	AR180												48	110	51.8	14
K..107	AR100	180	15	215	5	350	250	M12	130	150.5	52	5.5	28	60	31.3	8
	AR112															
	AR132S/M	230	16	265	5		300	M12	145	218	72	5	38	80	41.3	10
	AR132ML															
	AR160	250	18	300	6		350	M16	165	295.5	105	35	42	110	45.3	12
	AR180												48	110	51.8	14
K..127	AR132S/M	230	16	265	5	450	300	M12	145	203	72	5	38	80	41.3	10
	AR132ML															
	AR160	250	18	300	6		350	M16	165	280.5	105	35	42	110	45.3	12
	AR180												48	110	51.8	14
K..157 K..167 K..187	AR160	250	18	300	6	550	350	M16	165	272.5	105	35	42	110	45.3	12
	AR180												48	110	51.8	14

10.10 Output shaft sizes

10.10.1 Solid shaft - Inch

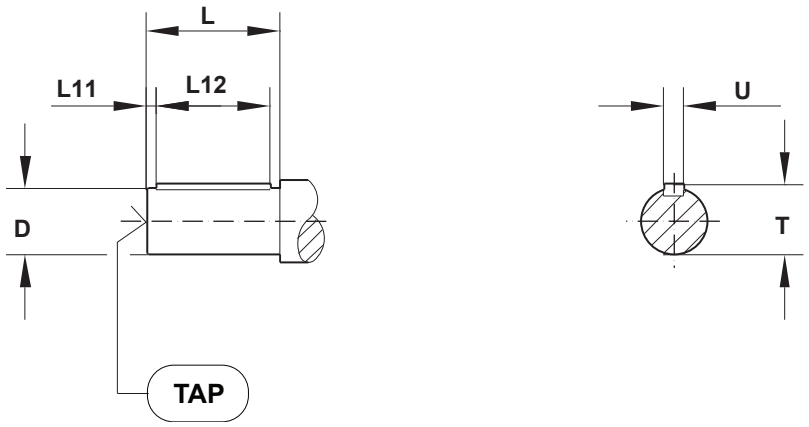


All dimensions in inches								
Model	**D**	**T**	**U**	**L[1)]**	**L11**	**L12**	**TAP**	**Change[2)]**
K..19	0.75	0.83	3/16	1.57	0.25	1-1/16	1/4 - 20 x 0.63	0
K..29	1.00	1.11	1/4	1.97	0.32	1-5/16	3/8 - 16 x 0.87	0
K..37	1.00	1.11	1/4	1.97	0.32	1-5/16	3/8 - 16 x 0.87	0
K..39	1.00	1.11	1/4	1.97	0.32	1-5/16	3/8 - 16 x 0.87	-0.39
	1.25	1.36	1/4	2.36	0.26	1-11/16	1/2 - 13 x 1.12	0
K..47	1.25	1.36	1/4	2.36	0.26	1-11/16	1/2 - 13 x 1.12	0
K..49	1.375	1.51	5/16	2.76	0.43	1-13/16	1/2 - 13 x 1.12	0
K..57 ..	1.375	1.51	5/16	2.76	0.43	1-13/16	1/2 - 13 x 1.12	0
K..67	1.375	1.51	5/16	2.76	0.47	1-13/16	1/2 - 13 x 1.12	-0.39
	1.625	1.79	3/8	3.15	0.38	2-3/8	5/8 - 11 x 1.38	0
K..77	1.75	1.92	3/8	3.54	0.4	2-3/4	5/8 - 11 x 1.38	-0.40
	2	2.22	1/2	3.94	0.64	2-5/8	3/4 - 10 x 1.61	0
K..87	2.375	2.65	5/8	4.72	0.51	3-5/8	3/4 - 10 x 1.61	0
K..97	2.875	3.2	3/4	5.51	0.67	4-1/8	3/4 - 10 x 1.61	0
K..107	3.625	4.01	7/8	6.69	0.63	5-3/8	1 - 8 x 2.13	0
K..127	4.375	4.82	1	8.27	1.09	6	1 - 8 x 2.13	0
K..157	4.75	5.29	1-1/4	8.27	0.82	6-9/16	1 - 8 x 2.13	0
K167	6.25	6.65	1-1/2	9.84	0.59	7-1/8	1-1/8 - 7 x 2.13	0
K187	7.5	8.27	1-3/4	12.6	0.39	10	1-1/8 - 7 x 2.13	0

1) Longer shafts to match older designs are available for flanged units.

2) The change in length, L, when compared to the standard shaft that is shown in dimension pages.

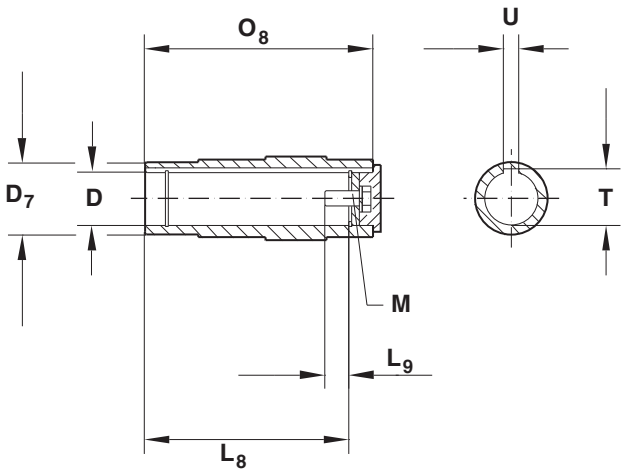
10.10.2 Solid shaft - Metric



All dimensions in mm							
Model	**D**	**T**	**U**	**L[1)]**	**L11**	**L12**	**TAP**
K..19	20	22.5	6	40	4	32	M6 x 16
K..29	25	28	8	50	5	40	M10 x 22
K..37	25	28	8	50	5	40	M10 x 22
K..39	30	33	8	60	3.5	50	M10 x 22
K..47	30	33	8	60	3.5	50	M10 x 22
K..49	35	38	10	70	7	56	M12 x 28
K..57	35	38	10	70	7	56	M12 x 28
K..67	35	38	10	70	7	56	M12 x 28
	40	43	12	80	5	70	M16 x 36
K..77	45	48.5	14	90	5	80	M16 x 36
	50	53.5	14	100	10	80	M16 x 36
K..87	60	64	18	120	5	110	M20 x 42
K..97	70	74.5	20	140	7.5	125	M20 x 42
K..107	90	95	25	170	5	160	M24 x 50
K..127	110	116	28	210	15	180	M24 x 50
K..157	120	127	32	210	5	200	M24 x 50
K167	160	169	40	250	15	220	M30 x 63
K187	190	200	45	320	10	300	M30 x 63

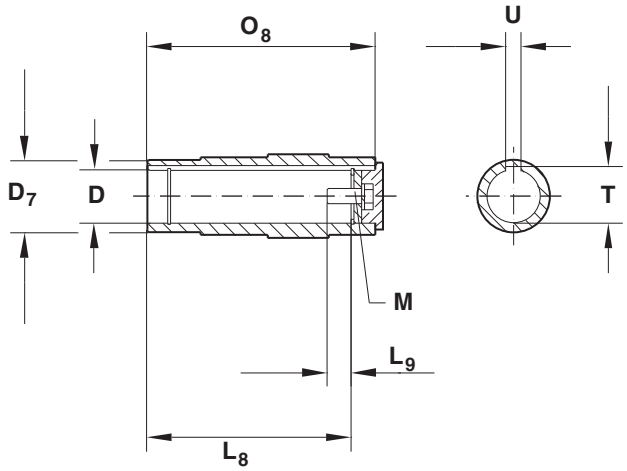
1) Longer shafts to match older designs are available for flanged units.

10.10.3 Hollow shaft - Inch



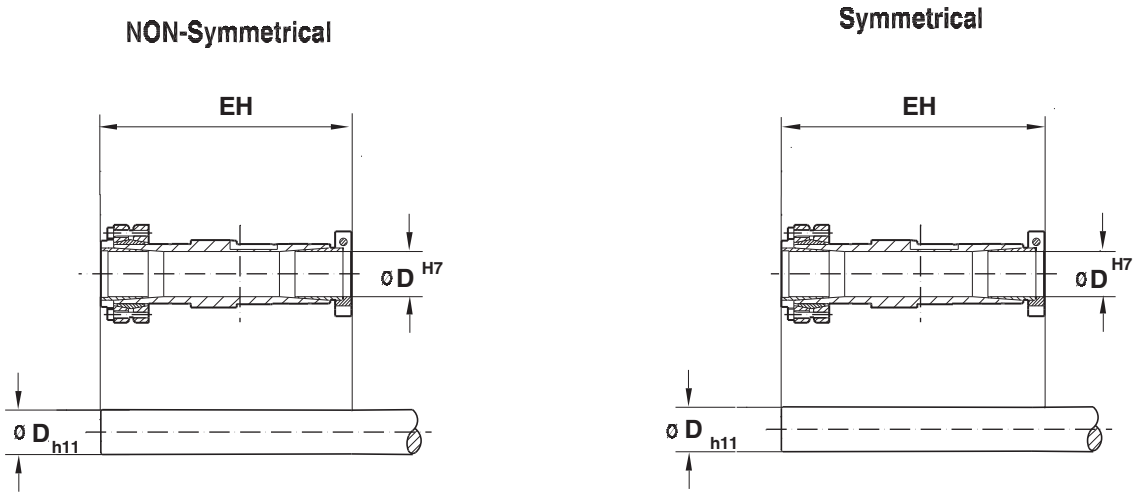
All dimensions in inches								
Model	**D**	**D_7**	**O_8**	**T**	**U**	**L_8**	**L_9**	**M**
KA..19	0.75	1.18	4.25	0.85	3/16	3.62	0.39	1/4 - 20 x 5/8
KA..29	1.00	1.57	4.80	1.12	1/4	4.21	0.69	3/8 - 16 x 1
KA..37	1.25	1.77	4.72	1.37	1/4	4.13	0.67	7/16 - 14 x 1
KA..39	1.25	1.97	6.10	1.37	1/4	5.39	0.67	7/16 - 14 x 1
	1.375	1.97	6.10	1.52	5/16	5.39	0.65	1/2 - 13 x 1
KA..47	1.1875	1.97	5.91	1.30	1/4	5.2	0.67	3/8 - 16 x 1
	1.25	1.97	5.91	1.37	1/4	5.2	0.67	7/16 - 14 x 1
	1.375	1.97	5.91	1.52	5/16	5.2	0.65	1/2 - 13 x 1
	1.4375	1.97	5.91	1.61	3/8	5.2	0.65	5/8 - 11 x 1-3/4
KA..49	1.375	2.17	7.01	1.52	5/16	6.3	0.65	1/2 - 13 x 1
	1.50	2.17	7.01	1.67	3/8	6.3	1.36	5/8 - 11 x 1-3/4
KA..57	1.4375	2.17	6.54	1.61	3/8	5.59	1.36	5/8 - 11 x 1-3/4
	1.50	2.17	6.54	1.67	3/8	5.59	1.36	5/8 - 11 x 1-3/4
KA..67	1.4375	2.17	7.09	1.61	3/8	6.14	1.36	5/8 - 11 x 1-3/4
	1.50	2.17	7.09	1.67	3/8	6.14	1.36	5/8 - 11 x 1-3/4
KA..77	1.9375	2.76	8.27	2.16	1/2	7.2	1.16	5/8 - 11 x 1-3/4
	2.00	2.76	8.27	2.22	1/2	7.2	1.16	5/8 - 11 x 1-3/4
KA..87	2.375	3.35	9.45	2.65	5/8	8.27	1.39	3/4 - 10 x 2
	2.4375	3.35	9.45	2.62	5/8	8.27	1.39	3/4 - 10 x 2
KA..97	2.75	3.74	11.81	3.03	5/8	10.63	1.24	3/4 - 10 x 2
	2.9375	3.74	11.81	3.14	3/4	10.63	1.24	3/4 - 10 x 2
KA..107	3.25	4.65	13.78	3.59	3/4	12.32	1.24	3/4 - 10 x 2
	3.4375	4.65	13.78	3.7	7/8	12.32	1.24	3/4 - 10 x 2
	3.625	4.65	13.78	3.89	7/8	12.32	1.24	3/4 - 10 x 2
KA..127	4.00	5.31	16.14	4.44	1	14.69	1.26	1 - 8 x 2-1/4
KA..157	4.50	6.1	19.69	4.95	1	18.11	1.26	1 - 8 x 2-1/4

10.10.4 Hollow shaft - Metric



All dimensions in mm								
Model	**D**	**D_7**	**O_8**	**T**	**U**	**L_8**	**L_9**	**M**
KA..19	20	30	108	22.8	6	92	8	M6 x 16
KA..29	25	40	122	27	8	107	17	M10 x 25
KA..37	30	45	120	33.3	8	105	17	M10 x 25
KA..39	30	50	155	33.3	8	137	17	M10 x 25
	35	50	155	38.3	10	137	17	M12 x 30
KA..47	30	50	150	33.3	8	132	16	M10 x 25
	35	50	150	38.3	10	132	22	M12 x 30
KA..49	35	55	178	38.3	10	160	22	M12 x 30
	40	55	178	43.3	12	160	22	M12 x 30
KA..57	40	55	166	43.3	12	142	29	M16 x 40
KA..67	40	55	180	43.3	12	156	29	M16 x 40
KA..77	50	70	210	53.8	14	183	32	M16 x 45
KA..87	60	85	240	64.4	18	210	36	M20 x 50
KA..97	70	95	300	74.9	20	270	34	M20 x 50
KA..107	80	118	350	85.4	22	313	30	M20 x 50
	90	118	350	95.4	25	313	40	M24 x 60
KA..127	100	135	410	106.4	28	373	38	M24 x 60
KA..157	120	155	500	127.4	32	460	36	M24 x 60

10.10.5 TorqLOC keyless hollow shaft



Metric and inch bores are available as shown below.

Model	D (in) Inch Bores					D (mm) Metric Bores			EH (inches)	
									NON-Symmetrical	Symmetrical
KT37	1.00	1.1875	1.25	-	-	25	30	-	6.69	7.63
KT39	1.1875	1.25	1.375	1.4375	-	30	35	-	8.23	-
KT47	1.1875	1.25	1.375	1.4375	-	30	35	-	8.15	9.13
KT49	1.375	1.4375	1.50	1.625	1.6875	35	40	-	9.57	-
KT57	1.375	1.4375	1.50	1.625	-	35	38	40	9.13	10.39
KT67	1.375	1.4375	1.50	1.625	1.6875	35	38	40	9.65	10.91
KT77	1.625	1.75	1.9375	2.00	-	50	-	-	11.61	13.34
KT87	1.9375	2.00	2.375	2.4375	-	51	62	65	13.19	15.28
KT97	2.4375	2.75	2.9375	-	-	62	70	75	15.59	17.79
KT107	3.250	3.4375	3.625	3.750	-	80	90	95	17.76	20.08
KT127	3.4375	3.750	4.00	4.1875	-	105	-	-	20.94	23.89
KT157	4.4375	4.50	4.9375	5.00	-	110	125	-	25.24	28.39