



IRK Series

Helical Bevel geared motors

Helisel Konik Dişli Redüktörler



REDÜKTÖR VARYATÖR / GEARBOX & VARIATOR

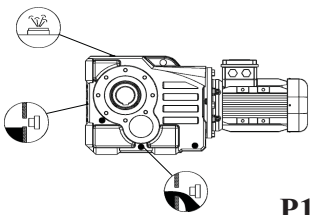
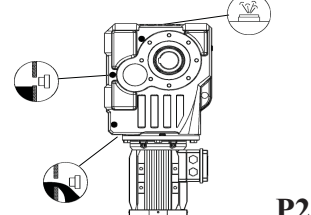
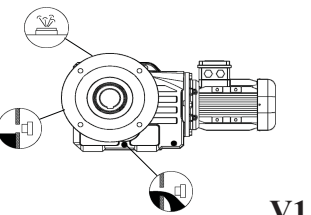
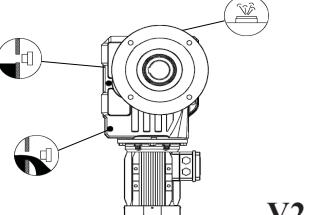
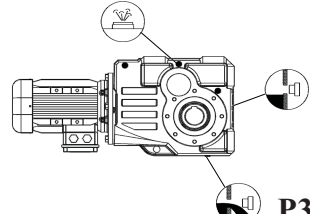
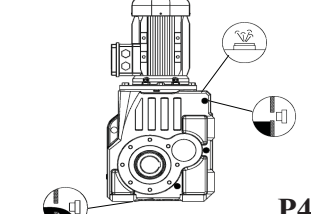
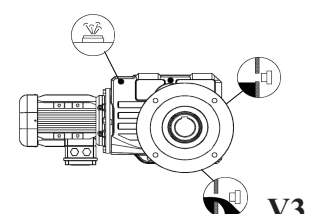
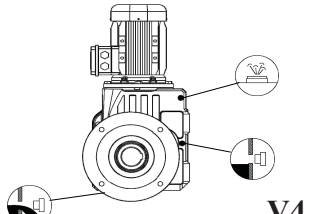
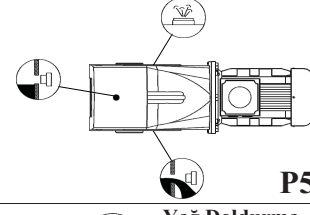
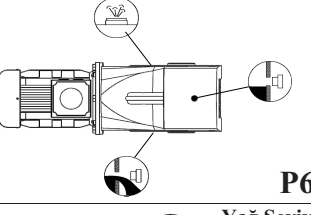
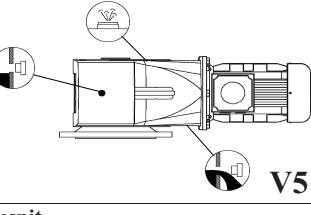
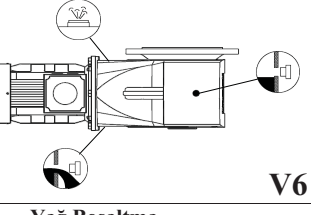


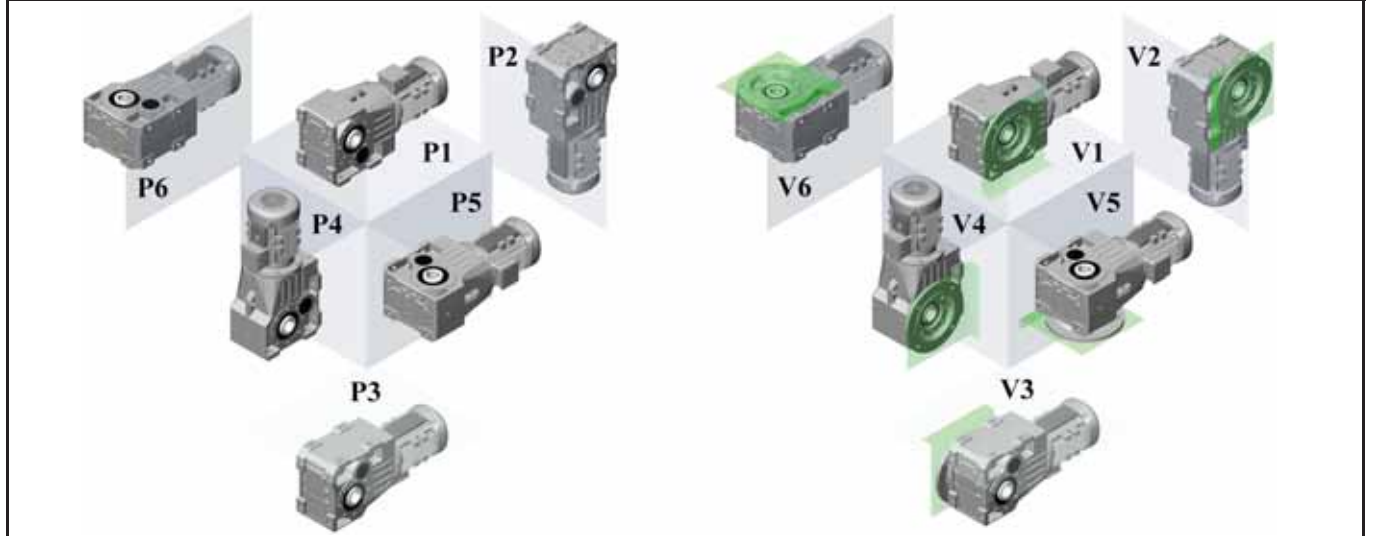
Yağ Tablosu

Lubricant Table

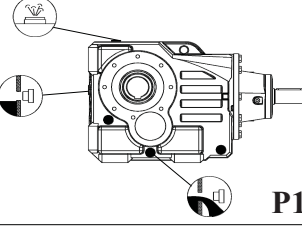
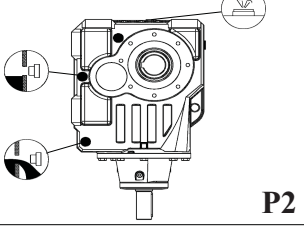
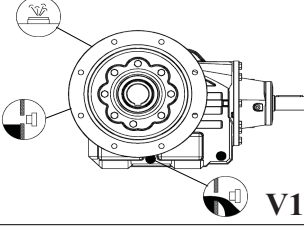
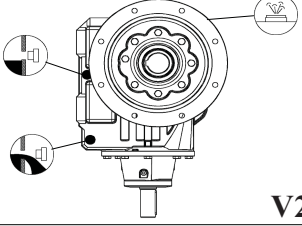
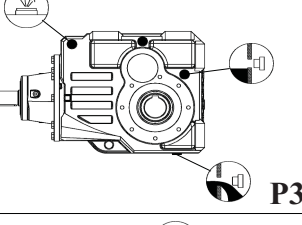
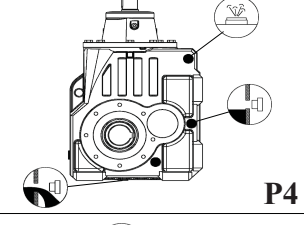
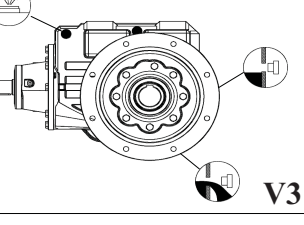
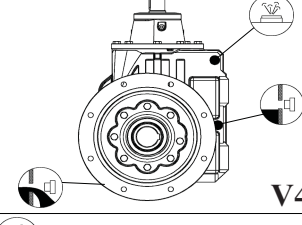
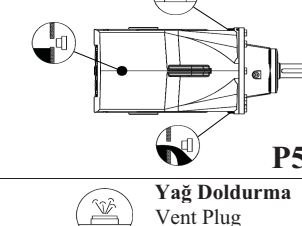
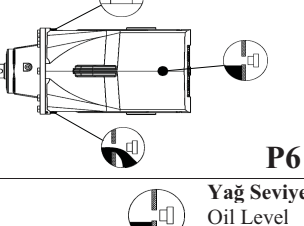
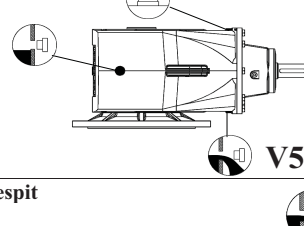
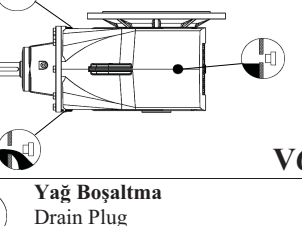
Schmiere Tabelle

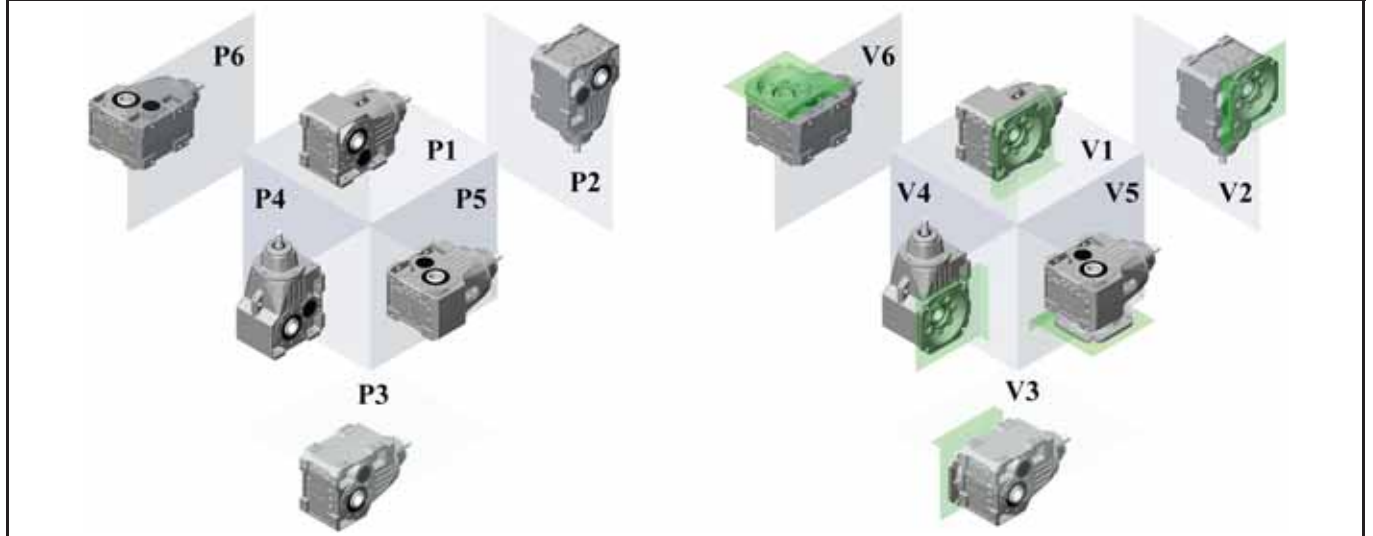
Yağ Cinsi Lubricant Art des Schmierstoffes	ISO Viskozite Sınıfı Viscosity Class Vizkozitäts Klasse	DIN 51517-3	Kullanım Sıcaklığı Usage Temperature Gebrauchs Temperatur	Firma Firm Firma						
				Mobil	ARAL	bp	Shell	Castrol	KLOBER LUBRICATION	Esso
Mineral Yağ Mineral Oil Minerallöl	ISO VG 320	CLP	0.....+100	Mobilgear XMP 320	Degol BG 320	Energol GR-XP320	Omala F320	Alpha SP 320	GEM 1 320 N	Spartan EP 320
	ISO VG 220	CLP	-5.....+100	Mobilgear XMP 220	Degol BG 220	Energol GR-XP220	Omala F220	Alpha SP 220	GEM 1 220 N	Spartan EP 220
	ISO VG 150	CLP	-5.....+100	Mobilgear XMP 150	Degol BG 150	Energol GR-XP150	Omala 150	Alpha SP 150	GEM 1 150 N	Spartan EP 150
	ISO VG 100	CLP	-5.....+100	-	Degol BG 100	Energol GR-XP100	Omala 100	Alpha SP 100	GEM 1 100 N	Spartan EP 100
Sentetik Yağ Synthetic Oil Synthetisch Öl	ISO VG 320	CLP PG	-25.....+140	Gylgoyle 320	Degol GS 320	Enersyn SG-XP320	Tivela S 320	Alphasyn PG 320	Klübersynth GH 6-320	Glycolube 320
	ISO VG 220	CLP PG	-25.....+140	-	Degol GS 220	Enersyn SG-XP220	Tivela S 220	Alphasyn PG 220	Klübersynth GH 6-220	-
	ISO VG 150	CLP PG	-30.....+140	-	Degol GS 150	Enersyn SG-XP150	Tivela S 150	Alphasyn PG 150	Klübersynth GH 6-150	-
	ISO VG 100	CLP PG	-30.....+140	-	-	-	-	-	Klübersynth GH 6-100	-

 P1	 P2	 V1	 V2		
 P3	 P4	 V3	 V4		
 P5	 P6	 V5	 V6		
 Yağ Doldurma Vent Plug Entlüftung		 Yağ Seviye Tespit Oil Level Ölstand		 Yağ Boşaltma Drain Plug Öltaf	

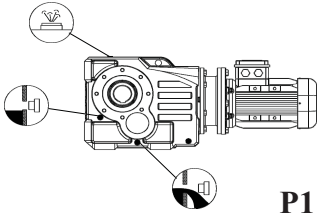
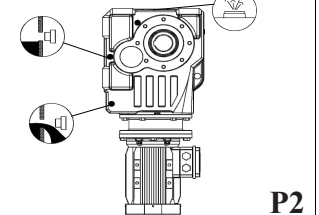
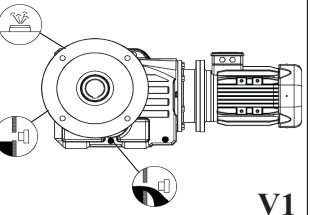
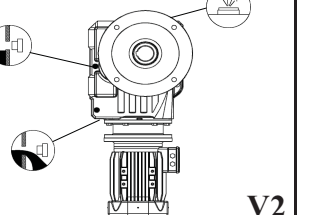
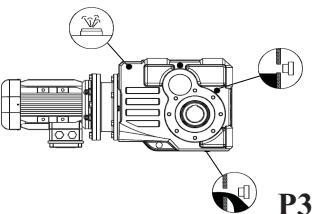
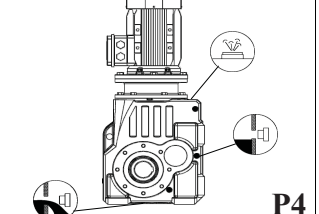
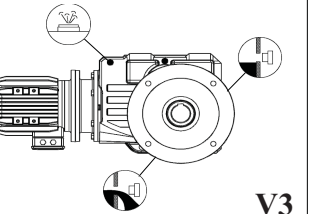
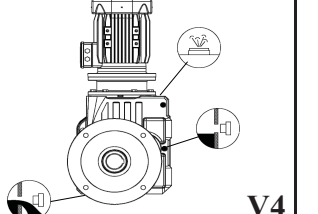
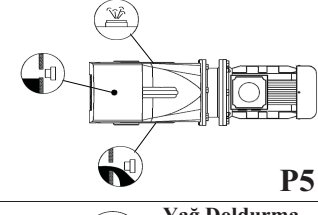
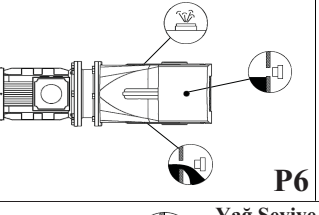
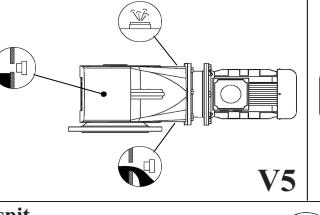
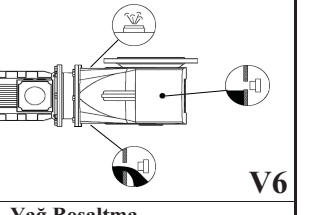


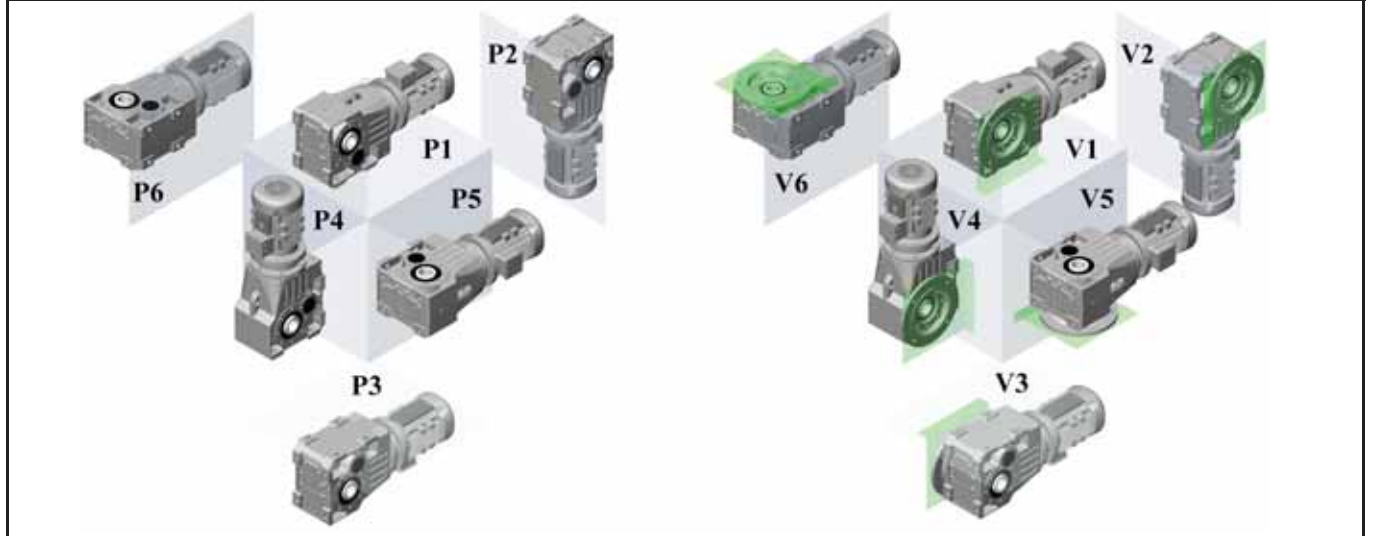
TİP Type Typ	Bağlantı Pozisyonları için Yağ Miktarları (litre) Oil Quantities for Mounting Positions (liter) Ölmengen Tabellen für Bauformen (liter)											
	P1	V1	P5	P6	V5	V6	P3	V3	P4	V4	P2	V2
İRK_M 63	1,3			1,3			1,3		2,2		1,3	
İRK_M 73	2			2,8			3,5		4,2		3,7	
İRK_M 83	5			5,5			6,5		8		6	
İRK_M 93	8			9			10		11		9	
İRK_M 103	10			17			24		28		21	
İRK_M 123	17			25			35		39		31	
İRK_M 143	30			49			53		70		50,5	

			
P1	P2	V1	V2
			
P3	P4	V3	V4
			
P5	P6	V5	V6
 Yağ Doldurma Vent Plug Entlüftung	 Yağ Seviye Tespit Oil Level Ölstand	 Yağ Boşaltma Drain Plug Ölablab	

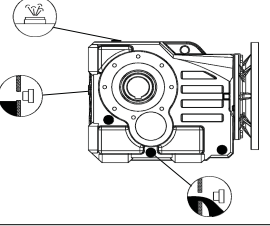
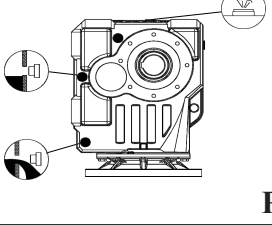
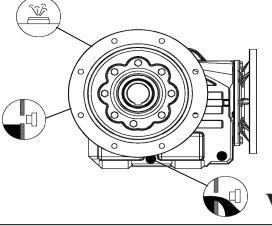
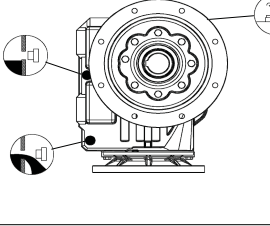
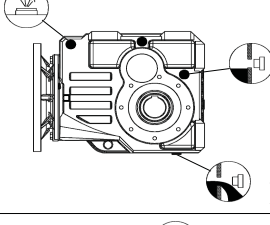
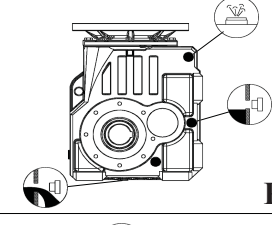
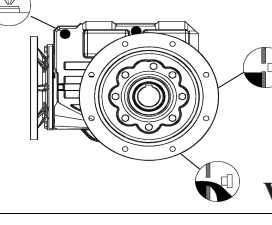
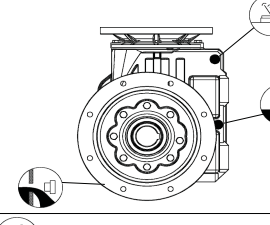
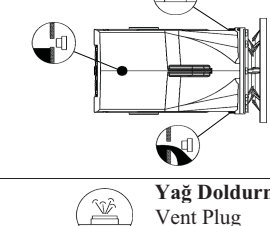
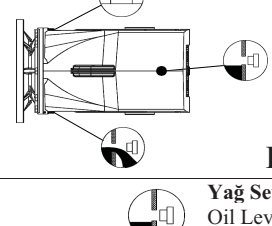
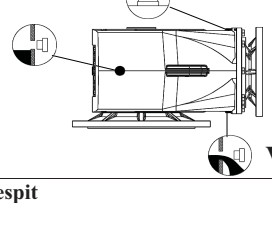
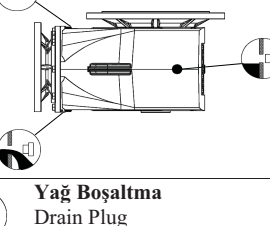


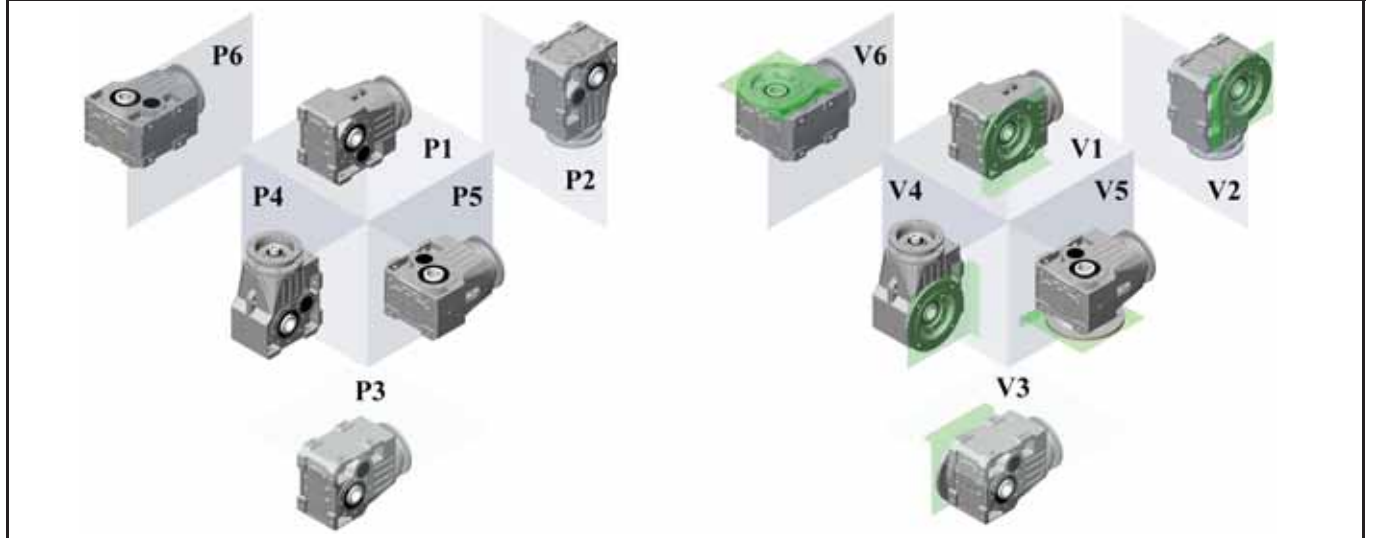
TİP Type Typ	Bağlantı Pozisyonları için Yağ Miktarları (litre) Oil Quantities for Mounting Positions (liter) Ölmengen Tabellen für Bauformen (liter)											
	P1	V1	P5	P6	V5	V6	P3	V3	P4	V4	P2	V2
İRK_ 63	1,3			1,3			1,3		2,2		1,3	
İRK_ 73	2			2,8			3,5		4,2		3,7	
İRK_ 83	5			5,5			6,5		8		6	
İRK_ 93	8			9			10		11		9	
İRK_ 103	10			17			24		28		21	
İRK_ 123	17			25			35		39		31	
İRK_ 143	30			49			53		70		50,5	

			
P1	P2	V1	V2
			
P3	P4	V3	V4
			
P5	P6	V5	V6
 Yağ Doldurma Vent Plug Entlüftung	 Yağ Seviye Tespit Oil Level Ölstand	 Yağ Boşaltma Drain Plug Ölablab	



TİP Type Typ	Bağlantı Pozisyonları için Yağ Miktarları (litre) Oil Quantities for Mounting Positions (liter) Ölmengen Tabellen für Bauformen (liter)											
	P1	V1	P5	P6	V5	V6	P3	V3	P4	V4	P2	V2
İRK_PM 63	1,3			1,3			1,3		2,2		1,3	
İRK_PM 73	2			2,8			3,5		4,2		3,7	
İRK_PM 83	5			5,5			6,5		8		6	
İRK_PM 93	8			9			10		11		9	
İRK_PM 103	10			17			24		28		21	
İRK_PM 123	17			25			35		39		31	
İRK_PM 143	30			49			53		70		50,5	

			
P1	P2	V1	V2
			
P3	P4	V3	V4
			
P5	P6	V5	V6
 Yağ Doldurma Vent Plug Entlüftung	 Yağ Seviye Tespit Oil Level Ölstand	 Yağ Boşaltma Drain Plug Ölablab	



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	P1	V1	P5	P6	V5	V6	P3	V3	P4	V4	P2	V2
İRK_P 63	1,3			1,3			1,3		2,2		1,3	
İRK_P 73	2			2,8			3,5		4,2		3,7	
İRK_P 83	5			5,5			6,5		8		6	
İRK_P 93	8			9			10		11		9	
İRK_P 103	10			17			24		28		21	
İRK_P 123	17			25			35		39		31	
İRK_P 143	30			49			53		70		50,5	



İRKM ...



İRKM ... - 01



İRKFM ...



İRKFM ... - 01



İRKM ...-...



İRKM ...-... - 01



İRKFM ...-...



İRKFM ...-... - 01



P ₁	n ₂	i	S _f	M ₂	F _{Q10}	Tip		
GÜÇ	Çıkış Devri	Tahvil	Servis Faktörü	Çıkış Momenti	Rad. Yük	Type		
Power	Output Speeds	Ratio	Service Factor	Output Torque	Over Loads	Typ		
Leistung	Abtriebswelle Drehzahlen	Übersetzung	Betriebsfaktor	Abtriebswelle Drehmomente	Querkräfte			
[kW] Hp	[r.p.m]			[Nm]	[N]			kg
0,12 0,16	0,17	8292	0,77	6199	38600	İRKM İRKFM	103 İR 63 / 63 M 4a	541 189 542 209
	0,19	7307	0,88	5463	38600			
	0,26	5423	1,13	4054	38600			
	0,32	4412	1,35	3298	38600			
	0,35	4004	1,45	2993	38600			
	0,38	3660	1,79	2736	38600			
	0,43	3293	1,94	2462	38600			
	0,47	2977	2,20	2226	38600			
	0,57	2460	2,70	1839	38600			
	0,66	2125	2,80	1589	38600			
	0,73	1912	2,90	1429	38600			
	0,89	1569	3,40	1173	38600			
	0,98	1428	3,40	1068	38600			
	1,1	1304	3,40	975	38600			
	1,2	1193	3,40	892	38600			
	0,27	5137	0,80	3840	26150			
	0,33	4218	0,97	3153	26150			
	0,35	3962	1,07	2962	26150			
	0,39	3555	1,19	2658	26150			
	0,44	3206	1,27	2397	26150			
	0,53	2632	1,55	1968	26150			
	0,56	2484	1,69	1857	26150			
	0,63	2229	1,86	1666	26150			
	0,48	2933	0,88	2193	19180	İRKM İRKFM	83 İR 53 / 63 M 4a	537 75 538 82
	0,54	2577	0,98	1927	19180			
	0,68	2047	1,18	1530	19180			
	0,75	1860	1,24	1391	19180			
	0,93	1502	1,50	1123	19180			
	1,0	1379	1,62	1031	19180			
	1,1	1225	1,85	916	19180			
	1,3	1041	2,10	790	19180			
	1,5	912	2,40	692	19180			
	1,7	813	2,90	617	19180			
	1,9	726	3,70	551	19180	İRKM İRKFM	83 İR 52 / 63 M 4a	537 74 538 81
	2,2	636	3,90	483	19180			
	1,0	1374	0,82	1027	12100			
	1,2	1208	0,98	903	12100			
	1,3	1068	1,15	798	12100			
	1,5	944	1,30	706	12100			
	1,6	852	1,41	637	12100			
	1,8	774	1,55	579	12100			
	2,0	683	1,89	511	12100			
	2,3	606	1,82	460	12100			
	2,5	552	2,00	419	12100	İRKM İRKFM	73 İR 53 / 63 M 4a	535 45 536 51
	2,9	484	2,30	367	12100			
	3,3	427	2,60	324	12100			
	3,7	375	3,30	285	12100			
	4,2	331	3,70	251	12100			
	5,3	265	4,30	201	12100			
	6,0	234	4,90	178	12100			
	6,8	207	5,50	157	12100			
	2,3	606	1,82	460	12100			
	2,5	552	2,00	419	12100			
	2,9	484	2,30	367	12100	İRKM İRKFM	73 İR 52 / 63 M 4a	535 44 536 50
	3,3	427	2,60	324	12100			
	3,7	375	3,30	285	12100			
	4,2	331	3,70	251	12100			
	5,3	265	4,30	201	12100			
	6,0	234	4,90	178	12100			
	6,8	207	5,50	157	12100			
	2,3	606	1,82	460	12100			
	2,5	552	2,00	419	12100			
	2,9	484	2,30	367	12100			



P ₁	n ₂	i	S _f	M ₂	F _{Q10}				
GÜÇ	Çıkış Devri	Tahvil	Servis Faktörü	Çıkış Momenti	Rad. Yük			Tip	
Power	Output Speeds	Ratio	Service Factor	Output Torque	Over Loads			Type	
Leistung	Abtriebswelle Drehzahlen	Übersetzung	Betriebsfaktor	Abtriebswelle Drehmomente	Querkräfte			Typ	
[kW] Hp	[r.p.m]			[Nm]	[N]				kg
0,12 0,16	2,4	592	1,03	449	7450	İRK İRKFM	63 İR 52 / 63 M 4a	533 534	41 44
	2,7	519	1,17	394	7450				
	3,0	466	1,30	354	7450				
	3,3	419	1,45	318	7450				
	3,7	378	1,60	287	7450				
	4,1	342	1,78	260	7450				
	4,3	325	1,87	247	7450				
	4,9	288	2,10	219	7450				
	5,5	253	2,00	192	7450				
	6,3	224	2,30	170	7450				
	7,0	200	2,50	152	7450				
	7,8	179	2,70	136	7450				
	8,7	161	2,90	122	7450				
	9,6	146	3,10	111	7450				
	10	139	3,10	106	7450				
	11	133,140	3,70	104	7450	İRKPM İRKFPM	63 / 63 M 4a	551 552	27 29
	12	121,008	4,00	95	7450				
	12	115,460	4,30	90	7450				
	13	104,939	4,70	82	7450				
	15	91,93	5,40	72	7450				
	17	82,843	5,90	65	7450				
	24	57,201	8,80	45	7450				
	28	50,515	9,60	40	7450				
	19	71,842	6,90	56	7450	İRK İRKFM	63 / 63 M 4a	519 520	27 29
	21	65,295	7,80	51	7450				
0,18 0,25	0,32	4412	0,90	4948	38600	İRK İRKFM	103 İR 63 / 63 M 4b	541 542	186 206
	0,35	4004	0,97	4490	38600				
	0,38	3660	1,19	4104	38600				
	0,43	3293	1,29	3693	38600				
	0,47	2977	1,47	3338	38600				
	0,57	2460	1,80	2759	38600				
	0,66	2125	1,86	2383	38600				
	0,73	1912	1,96	2144	38600				
	0,89	1569	2,20	1759	38600				
	0,98	1428	2,20	1601	38600				
	1,1	1304	2,20	1462	38600				
	1,2	1193	2,20	1338	38600				
	0,44	3206	0,85	3595	26150	İRK İRKFM	93 İR 63 / 63 M 4b	539 540	118 131
	0,53	2632	1,03	2952	26150				
	0,56	2484	1,13	2786	26150				
	0,63	2229	1,24	2500	26150				
	0,93	1502	1,00	1684	19180	İRK İRKFM	83 İR 53 / 63 M 4b	537 538	75 82
	1,0	1379	1,08	1546	19180				
	1,1	1225	1,23	1374	19180				
	1,3	1041	1,40	1185	19180	İRK İRKFM	83 İR 52 / 63 M 4b	537 538	79 86
	1,5	912	1,60	1038	19180				
	1,7	813	1,93	926	19180				
	1,9	726	2,50	827	19180				
	2,2	636	2,60	724	19180				
	2,4	586	2,60	667	19180				



P ₁	n ₂	i	S _f	M ₂	F _{Q10}		Tip		
GÜÇ	Çıkış Devri	Tahvil	Servis Faktörü	Çıkış Momenti	Rad. Yük		Type		
Power	Output Speeds	Ratio	Service Factor	Output Torque	Over Loads		Type		
Leistung	Abtriebswelle Drehzahlen	Übersetzung	Betriebsfaktor	Abtriebswelle Drehmomente	Querkräfte		Typ		
[kW] Hp	[r.p.m]			[Nm]	[N]				
									kg
0,18	2,7	514	2,90	585	19180	İRKM	83 İR 52 / 63 M 4b	537	79
	3,3	428	3,40	487	19180	İRKFM		538	86
0,25	3,7	375	3,80	427	19180				
	1,5	944	0,87	1059	12100	İRKM	73 İR 53 / 63 M 4b	535	45
	1,6	852	0,94	955	12100	İRKFM		536	51
	1,8	774	1,03	868	12100				
	2,0	683	1,26	766	12100				
	2,3	606	1,21	690	12100		73 İR 52 / 63 M 4b		
	2,5	552	1,33	628	12100				
	2,9	484	1,53	551	12100				
	3,3	427	1,73	486	12100	İRKM		535	44
	3,7	375	2,20	427	12100	İRKFM		536	50
	4,2	331	2,50	377	12100				
	5,3	265	2,90	302	12100				
	6,0	234	3,30	266	12100				
	6,8	207	3,70	236	12100				
	3,0	466	0,87	531	7450				
	3,3	419	0,97	477	7450		63 İR 52 / 63 M 4b		
	3,7	378	1,07	430	7450				
	4,1	342	1,19	389	7450				
	4,3	325	1,25	370	7450				
	4,9	288	1,40	328	7450	İRKM		533	41
	5,5	253	1,36	288	7450	İRKFM		534	44
	6,3	224	1,53	255	7450				
	7,0	200	1,67	228	7450				
	7,8	179	1,80	204	7450				
	8,7	161	1,94	183	7450				
	9,6	146	2,10	166	7450		73 / 71 M 6a		
	10	139	2,10	158	7450				
	6,7	133,989	3,00	245	12100	İRKPM	73 / 71 M 6a	553	37
	7,2	125,038	3,20	228	12100	İRKFP		554	42
	7,7	117,030	3,40	214	12100	İRKM	73 / 71 M 6a	521	37
						İRKFM		522	42
	10	133,989	4,70	157	12100	İRKPM	73 / 63 M 4b	553	35
	11	125,038	5,00	147	12100	İRKFP		554	41
	6,8	133,140	1,60	243	7450	İRKPM	63 / 71 M 6a	551	28
	7,4	121,008	1,73	221	7450	İRKFP		552	31
	11	82,843	2,70	151	7450				
	7,8	115,460	1,80	211	7450		63 / 71 M 6a		
	8,6	104,939	2,00	192	7450	İRKM		519	28
	9,8	91,930	2,30	168	7450	İRKFM		520	31
	13	71,842	3,00	131	7450				
	14	65,295	3,30	119	7450				
	11	133,140	2,50	156	7450		63 / 63 M 4b		
	12	121,008	2,70	142	7450				
	12	115,460	2,90	135	7450				
	13	104,939	3,10	123	7450				
	15	91,930	3,60	108	7450	İRKPM		551	27
	17	82,843	4,10	97	7450	İRKFP		552	30
	24	57,201	5,80	67	7450				
	28	50,515	6,40	59	7450				
	19	71,842	4,60	84	7450				
	21	65,295	5,00	77	7450				



P ₁	n ₂	i	S _f	M ₂	F _{Q10}		
GÜÇ	Çıkış Devri	Tahvil	Servis Faktörü	Çıkış Momenti	Rad. Yük	Tip	
Power	Output Speeds	Ratio	Service Factor	Output Torque	Over Loads	Type	
Leistung	Abtriebswelle Drehzahlen	Übersetzung	Betriebsfaktor	Abtriebswelle Drehmomente	Querkräfte	Typ	
[kW] Hp	[r.p.m]			[Nm]	[N]		kg
0,25 0,34	0,14	9706	1,00	15117	75000	İRKM İRKFM 143 İR 73 / 71 M 4a	545 510 546 558
	0,16	8552	1,10	13320	75000		
	0,18	7589	1,20	11820	75000		
	0,21	6779	1,34	10558	75000		
	0,23	6090	1,58	9485	75000		
	0,25	5495	1,73	8559	75000		
	0,28	5059	1,94	7879	75000		
	0,31	4489	2,20	6992	75000		
	0,35	4010	2,40	6246	75000		
	0,39	3602	2,90	5610	75000		
	0,43	3251	3,50	5063	75000		
	0,51	2728	3,50	4249	75000		
	0,62	2245	3,50	3497	75000		
	0,75	1866	3,50	2906	75000		
	0,80	1757	3,50	2737	75000		
	0,97	1446	3,50	2252	75000		
	0,18	7630	0,79	11884	60800		
	0,21	6596	0,93	10273	60800		
	0,24	5893	0,99	9178	60800		
	0,26	5288	1,07	8236	60800		
	0,31	4526	1,25	7049	60800		
	0,35	4023	1,40	6266	60800		
	0,39	3594	1,57	5598	60800		
	0,43	3225	1,77	5023	60800		
	0,48	2903	1,84	4521	60800		
	0,50	2781	1,69	4331	60800		
	0,57	2472	2,10	3850	60800		
	0,63	2208	2,40	3439	60800		
	0,71	1982	2,60	3087	60800		
	0,78	1784	3,00	2779	60800		
	0,87	1610	3,10	2508	60800		
	0,96	1456	3,10	2268	60800		
	1,1	1319	3,10	2054	60800		
	1,2	1195	3,10	1861	60800		
	1,3	1084	3,10	1688	60800		
	0,40	3486	0,80	5430	38600		
	0,51	2772	0,98	4317	38600		
	0,62	2255	1,17	3512	38600		
	0,68	2047	1,23	3188	38600		
	0,75	1871	1,57	2914	38600		
	0,83	1683	1,78	2621	38600		
	0,92	1521	2,10	2369	38600		
	1,1	1257	2,50	1958	38600		
	1,2	1148	2,70	1788	38600		
	1,4	977	2,70	1522	38600		
	1,6	883	2,70	1375	38600		
	1,9	748	3,90	1165	38600		
	2,1	678	3,90	1056	38600		
	2,5	564	3,90	878	38600		



P ₁	n ₂	i	S _f	M ₂	F _{Q10}	Tip		
GÜÇ	Çıkış Devri	Tahvil	Servis Faktörü	Çıkış Momenti	Rad. Yük	Type		
Power	Output Speeds	Ratio	Service Factor	Output Torque	Over Loads	Typ		
Leistung	Abtriebswelle Drehzahlen	Übersetzung	Betriebsfaktor	Abtriebswelle Drehmomente	Querkräfte			
[kW] Hp	[r.p.m]			[Nm]	[N]			kg
0,25 0,34	0,70	2002	0,91	3118	26150	İRKM İRKFM	93 İR 63 / 71 M 4a	539 119 540 132
	0,78	1797	0,98	2799	26150			
	0,86	1620	1,09	2523	26150			
	0,95	1466	1,24	2283	26150			
	1,2	1210	1,41	1885	26150			
	1,3	1103	1,49	1718	26150			
	1,4	1007	1,81	1568	26150			
	1,7	806	1,71	1255	26150			
	1,9	736	1,81	1146	26150			
	2,3	614	2,10	956	26150			
	2,5	560	2,50	872	26150			
	3,0	467	2,80	727	26150			
	3,3	427	3,00	665	26150			
	1,1	1225	0,89	1908	19180			
	1,3	1041	1,00	1646	19180			
	1,5	912	1,15	1442	19180			
	1,7	813	1,39	1286	19180			
	1,9	726	1,77	1148	19180			
	2,2	636	1,87	1006	19180			
	2,4	586	1,87	927	19180			
	2,7	514	2,10	813	19180			
	3,3	428	2,50	677	19180			
	3,7	375	2,70	593	19180			
	4,2	332	3,00	525	19180			
	4,7	297	3,30	470	19180			
	5,3	266	3,50	421	19180			
	6,0	233	4,00	368	19180			
	6,8	206	4,50	326	19180			
	7,7	183	5,10	289	19180			
	2,0	683	0,91	1064	12100			
	2,3	606	0,87	958	12100			
	2,5	552	0,96	873	12100			
	2,9	484	1,10	765	12100			
	3,3	427	1,25	675	12100			
	3,7	375	1,58	593	12100			
	4,2	331	1,78	523	12100			
	5,3	265	2,10	419	12100			
	6,0	234	2,40	370	12100			
	6,8	207	2,60	327	12100			
	7,7	183	3,00	289	12100			
	8,6	162	3,30	256	12100			
	9,7	144	5,50	228	12100			
	11	128	6,20	202	12100			
	4,1	342	0,85	541	7450			
	4,3	325	0,90	514	7450			
	4,9	288	1,01	455	7450			
	5,5	253	0,98	400	7450			



P ₁	n ₂	i	S _f	M ₂	F _{Q10}		Tip		
GÜÇ	Çıkış Devri	Tahvil	Servis Faktörü	Çıkış Momenti	Rad. Yük		Type		
Power	Output Speeds	Ratio	Service Factor	Output Torque	Over Loads		Type		
Leistung	Abtriebswelle Drehzahlen	Übersetzung	Betriebsfaktor	Abtriebswelle Drehmomente	Querkräfte		Typ		
[kW] Hp	[r.p.m]			[Nm]	[N]				
									kg
0,25 0,34	6,3	224	1,10	354	7450				
	7,0	200	1,20	316	7450				
	7,8	179	1,30	283	7450	İRK M	63 İR 52 / 71 M 4a	533	42
	8,7	161	1,40	255	7450	İRKFM		534	45
	9,6	146	1,51	231	7450				
	10	139	1,51	220	7450				
	4,2	165,92	2,50	541	19180	İRK M	83 / 80 M 8b	523	64
	4,9	143,44	2,90	468	19180	İRKFM		524	71
	5,4	165,92	3,30	421	19180	İRK M	83 / 71 M 6b	523	63
	6,3	143,44	3,80	364	19180	İRKFM		524	70
	6,7	133,989	2,20	340	12100	İRKPM	73 / 71 M 6b	553	38
	7,2	125,038	2,30	317	12100	İRK FPM		554	43
	7,7	117,030	2,40	297	12100	İRK M	73 / 71 M 6b	521	38
						İRKFM		522	43
	10	133,989	3,30	218	12100	İRKPM	73 / 71 M 4a	553	37
	11	125,038	3,60	204	12100	İRK FPM		554	42
	12	117,030	3,90	191	12100	İRK M	73 / 71 M 4a	521	37
	15	91,961	4,90	150	12100	İRKFM		522	42
	6,8	133,140	1,15	338	7450	İRKPM	63 / 71 M 6b	551	29
	7,4	121,008	1,25	307	7450	İRK FPM		552	32
	11	82,843	1,92	210	7450				
	7,8	115,460	1,30	293	7450				
	8,6	104,939	1,44	266	7450	İRK M	63 / 71 M 6b	519	29
	9,8	91,930	1,68	233	7450	İRKFM		520	32
	13	71,842	2,20	182	7450				
	14	65,295	2,40	166	7450				
	11	133,140	1,78	217	7450				
	12	121,008	1,92	197	7450	İRKPM	63 / 71 M 4a	551	28
	17	82,843	3,00	135	7450	İRK FPM		552	31
	28	50,515	4,60	82	7450				
	12	115,460	2,10	188	7450				
	13	104,939	2,30	171	7450				
	15	91,930	2,60	150	7450	İRK M	63 / 71 M 4a	519	28
	17	82,843	3,30	135	7450	İRKFM		520	31
	19	71,842	3,60	117	7450				
	24	57,201	4,20	93	7450				
	31	44,898	5,20	73	7450				
0,37 0,50	0,18	7589	0,81	17494	75000				
	0,21	6779	0,91	15626	75000				
	0,23	6090	1,07	14038	75000				
	0,25	5495	1,17	12667	75000				
	0,28	5059	1,31	11662	75000	İRK M	143 İR 73 / 71 M 4b	545	511
	0,31	4489	1,46	10348	75000	İRKFM		546	559
	0,35	4010	1,65	9244	75000				
	0,39	3602	1,95	8303	75000				
	0,43	3251	2,40	7494	75000				
	0,51	2728	2,40	6288	75000				



P ₁	n ₂	i	S _f	M ₂	F _{Q10}		Tip		
GÜÇ	Çıkış Devri	Tahvil	Servis Faktörü	Çıkış Momenti	Rad. Yük		Type		
Power	Output Speeds	Ratio	Service Factor	Output Torque	Over Loads		Typ		
Leistung	Abtriebswelle Drehzahlen	Übersetzung	Betriebsfaktor	Abtriebswelle Drehmomente	Querkräfte				
[kW] Hp	[r.p.m]			[Nm]	[N]				kg
0,37	0,62	2245	2,40	5175	75000	İRKM	143 İR 73 / 71 M 4b	545	511
	0,75	1866	2,40	4301	75000			546	559
	0,80	1757	2,40	4050	75000				
	0,97	1446	2,40	3333	75000				
0,50	0,31	4526	0,84	10433	60800	İRKM	123 İR 73 / 71 M 4b	543	281
	0,35	4023	0,95	9274	60800			544	315
	0,39	3594	1,06	8285	60800				
	0,43	3225	1,20	7434	60800				
	0,48	2903	1,24	6692	60800				
	0,50	2781	1,14	6411	60800				
	0,57	2472	1,42	5698	60800				
	0,63	2208	1,62	5090	60800				
	0,71	1982	1,75	4569	60800				
	0,78	1784	2,00	4112	60800				
	0,87	1610	2,10	3711	60800				
	0,96	1456	2,10	3356	60800				
	1,1	1319	2,10	3040	60800				
	1,2	1195	2,10	2755	60800				
	1,3	1084	2,10	2499	60800				
	0,62	2255	0,80	5198	38600	İRKM	103 İR 63 / 71 M 4b	541	187
	0,68	2047	0,83	4719	38600			542	207
	0,75	1871	1,06	4313	38600				
	0,83	1683	1,20	3880	38600				
	0,92	1521	1,42	3506	38600				
	1,1	1257	1,69	2898	38600				
	1,2	1148	1,82	2646	38600				
	1,4	977	1,82	2252	38600				
	1,6	883	1,82	2035	38600				
	1,9	748	2,60	1724	38600				
	2,1	678	2,60	1563	38600				
	2,5	564	2,60	1300	38600				
	0,95	1466	0,84	3379	26150	İRKM	93 İR 63 / 71 M 4b	539	121
	1,2	1210	0,95	2789	26150			540	134
	1,3	1103	1,00	2543	26150				
	1,4	1007	1,22	2321	26150				
	1,7	806	1,15	1858	26150				
	1,9	736	1,22	1697	26150				
	2,3	614	1,41	1415	26150				
	2,5	560	1,69	1291	26150				
	3,0	467	1,89	1076	26150				
	3,3	427	2,00	984	26150				
	3,9	362	3,10	847	26150	İRKM	93 İR 62 / 71 M 4b	539	122
	4,3	327	3,50	765	26150			540	135
	5,0	280	4,10	655	26150				
	1,5	912	0,78	2134	19180	İRKM	83 İR 52 / 71 M 4b	537	75
	1,7	813	0,94	1903	19180			538	82
	1,9	726	1,20	1699	19180				
	2,2	636	1,26	1488	19180				
	2,4	586	1,26	1371	19180				
	2,7	514	1,41	1203	19180				
	3,3	428	1,65	1002	19180				
	3,7	375	1,85	878	19180				



P ₁	n ₂	i	S _f	M ₂	F _{Q10}		Tip		
GÜÇ	Çıkış Devri	Tahvil	Servis Faktörü	Çıkış Momenti	Rad. Yük		Type		
Power	Output Speeds	Ratio	Service Factor	Output Torque	Over Loads		Typ		
Leistung	Abtriebswelle Drehzahlen	Übersetzung	Betriebsfaktor	Abtriebswelle Drehmomente	Querkräfte				
[kW] Hp	[r.p.m]			[Nm]	[N]				kg
0,37	4,2	332	2,00	777	19180				
	4,7	297	2,20	695	19180				
0,50	5,3	266	2,40	623	19180	İRK M	83 İR 52 / 71 M 4b	537	75
	6,0	233	2,70	545	19180	İRKFM		538	82
	6,8	206	3,00	482	19180				
	7,7	183	3,40	428	19180				
	9,4	149	4,10	349	19180				
	3,3	427	0,84	999	12100				
	3,7	375	1,07	878	12100				
	4,2	331	1,20	775	12100				
	5,3	265	1,39	620	12100				
	6,0	234	1,59	548	12100	İRK M	73 İR 52 / 71 M 4b	535	45
	6,8	207	1,78	484	12100	İRKFM		536	51
	7,7	183	2,00	428	12100				
	8,6	162	2,20	379	12100				
	9,7	144	3,70	337	12100				
	11	128	4,20	300	12100				
	7,0	200	0,81	468	7220				
	7,8	179	0,88	419	7220				
	8,7	161	0,93	377	7220	İRK M	63 İR 52 / 71 M 4b	533	43
	9,6	146	1,02	342	7220	İRKFM		534	46
	10	139	1,02	325	7220				
	4,4	158,461	3,30	764	26150	İRK M	93 / 90 S 8a	525	130
	4,7	149,450	3,50	721	26150	İRKFM		526	143
	5,0	179,487	3,90	673	26150				
	5,7	158,461	4,30	595	26150				
	6,0	149,500	4,50	561	26150	İRK M	93 / 80 M 6a	525	125
	6,7	133,779	5,20	502	26150	İRKFM		526	138
	7,5	120,615	5,70	453	26150				
	4,9	143,44	1,96	692	19180	İRK M	83 / 90 S 8a	523	65
						İRKFM		524	72
	5,4	165,92	2,20	623	19180				
	6,3	143,44	2,50	538	19180	İRK M	83 / 80 M 6a	523	64
	7,1	126,50	2,90	475	19180	İRKFM		524	71
	8,0	112,50	3,20	422	19180				
	8,4	165,92	3,80	400	19180	İRK M	83 / 71 M 4b	523	61
	9,8	143,44	4,30	346	19180	İRKFM		524	68
	6,7	133,989	1,45	503	12100	İRKPM	73 / 80 M 6a	553	40
	7,2	125,038	1,55	469	12100	İRKFP M		554	45
	7,7	117,030	1,65	439	12100	İRK M	73 / 80 M 6a	521	40
						İRKFM		522	45
	10	133,989	2,30	323	12100	İRKPM	73 / 71 M 4b	553	38
	11	125,038	2,40	302	12100	İRKFP M		554	43
	12	117,030	2,60	282	12100				
	15	91,961	3,30	222	12100	İRK M	73 / 71 M 4b	521	38
	19	74,320	4,10	179	12100	İRKFM		522	43
	11	82,843	1,30	311	7220	İRKPM	63 / 80 M 6a	551	31
						İRKFP M		552	34



P ₁	n ₂	i	S _f	M ₂	F _{Q10}		Tip		
GÜÇ	Çıkış Devri	Tahvil	Servis Faktörü	Çıkış Momenti	Rad. Yük		Type		
Power	Output Speeds	Ratio	Service Factor	Output Torque	Over Loads		Typ		
Leistung	Abtriebswelle Drehzahlen	Übersetzung	Betriebsfaktor	Abtriebswelle Drehmomente	Querkräfte				
[kW] Hp	[r.p.m]			[Nm]	[N]				kg
0,37 0,50	8,6	104,939	0,97	394	7220	İRK İRKFM	63 / 80 M 6a	519	31
	9,8	91,930	1,14	345	7220			520	34
	13	71,842	1,46	270	7220				
	14	65,295	1,59	245	7220				
	11	133,140	1,20	321	7220	İRKPM İRKFP	63 / 71 M 4b	551	29
	12	121,008	1,30	292	7220			552	32
	17	82,843	2,00	200	7220				
	28	50,515	3,10	122	7060				
	12	115,460	1,40	278	7220	İRK İRKFM	63 / 71 M 4b	519	29
	13	104,939	1,52	253	7220			520	32
	15	91,930	1,75	222	7060				
	17	82,843	2,20	200	7060				
	19	71,842	2,50	173	7060				
	24	57,201	2,80	138	7060				
	31	44,898	3,50	108	7060				
	36	38,584	4,20	93	7000				
	41	34,472	4,70	83	7000				
	45	30,928	5,30	75	7000				
	50	27,841	5,80	67	7000				
	56	25,128	6,50	61	7000				
	62	22,725	7,10	55	7000				
0,55 0,75	0,25	5495	0,79	18829	75000	İRK İRKFM	143 İR 73 / 80 M 4a	545	513
	0,28	5059	0,88	17335	75000			546	561
	0,31	4489	0,98	15382	75000				
	0,35	4010	1,11	13740	75000				
	0,39	3602	1,31	12342	75000				
	0,43	3251	1,61	11140	75000				
	0,51	2728	1,61	9348	75000				
	0,62	2245	1,61	7693	75000				
	0,75	1866	1,61	6394	75000				
	0,80	1757	1,61	6020	75000				
	0,97	1446	1,61	4955	75000				
	1,1	1259	3,00	4380	75000	İRK İRKFM	143 İR 72 / 80 M 4a	545	511
	1,3	1108	3,30	3854	75000			546	559
	1,4	983	3,70	3420	75000				
	1,6	866	4,00	3013	75000				
	0,43	3225	0,80	11051	60800	İRK İRKFM	123 İR 73 / 80 M 4a	543	283
	0,48	2903	0,83	9947	60800			544	317
	0,50	2781	0,77	9529	60800				
	0,57	2472	0,95	8470	60800				
	0,63	2208	1,09	7566	60800				
	0,71	1982	1,18	6791	60800				
	0,78	1784	1,36	6113	60800				
	0,87	1610	1,41	5517	60800				
	0,96	1456	1,41	4989	60800				
	1,1	1319	1,41	4520	60800				
	1,2	1195	1,41	4095	60800				
	1,3	1084	1,41	3714	60800				
	0,71	1983	1,18	6898	60800	İRK İRKFM	123 İR 72 / 80 M 4a	543	281
	0,80	1743	1,35	6063	60800			544	315



P ₁	n ₂	i	S _f	M ₂	F _{Q10}				
GÜÇ	Çıkış Devri	Tahvil	Servis Faktörü	Çıkış Momenti	Rad. Yük	Tip			
Power	Output Speeds	Ratio	Service Factor	Output Torque	Over Loads	Type			
Leistung	Abtriebswelle Drehzahlen	Übersetzung	Betriebsfaktor	Abtriebswelle Drehmomente	Querkräfte	Typ			
[kW] Hp	[r.p.m]			[Nm]	[N]		kg		
0,55 0,75	0,90	1549	1,52	5389	60800	İRK İRKFM	123 İR 72 / 80 M 4a	543 544	281 315
	1,0	1389	1,69	4832	60800				
	1,1	1255	1,89	4366	60800				
	1,2	1140	2,10	3966	60800				
	1,3	1041	2,30	3621	60800				
	1,6	852	2,60	2964	60800				
	1,9	752	3,00	2616	60800				
	2,1	668	3,40	2324	60800				
	2,3	597	3,70	2077	60800				
	2,6	536	4,20	1865	60800				
	0,95	1477	0,95	5061	38600	İRK İRKFM	103 İR 63 / 80 M 4a	541 542	190 210
	1,1	1246	1,14	4269	38600				
	1,2	1145	1,23	3923	38600				
	1,4	977	1,23	3348	38600				
	1,6	883	1,23	3026	38600				
	1,9	748	1,77	2563	38600				
	2,1	678	1,77	2323	38600				
	2,5	564	1,77	1933	38600				
	2,8	509	2,40	1744	38600				
		2,9	486	2,90	1691				
3,6		386	3,40	1343	38600				
4,5		314	3,80	1092	38600				
4,9		285	4,20	991	38600				
5,4		261	4,60	908	38600				
6,0		235	5,40	817	38600				
6,6		212	6,00	737	38600				
	1,4	1007	0,82	3451	26000	İRK İRKFM	93 İR 63 / 80 M 4a	539 540	123 137
	1,7	806	0,78	2762	26000				
	1,9	736	0,82	2522	26000				
	2,3	614	0,95	2104	26000				
	2,5	560	1,14	1919	26000				
	3,0	467	1,27	1600	26000				
	3,3	427	1,36	1463	26000				
	3,9	362	2,10	1259	26000	İRK İRKFM	93 İR 62 / 80 M 4a	539 540	122 135
	4,3	327	2,40	1138	26000				
	5,0	280	2,80	974	26000				
	5,6	252	3,10	877	26000				
	6,2	227	3,40	790	26000				
	6,8	205	3,90	713	26000				
	7,5	186	4,20	647	26000				
	1,9	726	0,81	2526	19180	İRK İRKFM	83 İR 52 / 80 M 4a	537 538	77 84
	2,2	636	0,85	2212	19180				
	2,4	586	0,85	2039	19180				
	2,7	514	0,95	1788	19180				
	3,3	428	1,11	1489	19180				
	3,7	375	1,24	1305	19180				
	4,2	332	1,36	1155	19180				
	4,7	297	1,50	1033	19180				
	5,3	266	1,59	925	19180				
	6,0	233	1,82	811	19180				



P ₁	n ₂	i	S _f	M ₂	F _{Q10}		Tip		
GÜÇ	Çıkış Devri	Tahvil	Servis Faktörü	Çıkış Momenti	Rad. Yük		Type		
Power	Output Speeds	Ratio	Service Factor	Output Torque	Over Loads		Typ		
Leistung	Abtriebswelle Drehzahlen	Übersetzung	Betriebsfaktor	Abtriebswelle Drehmomente	Querkräfte				
[kW] Hp	[r.p.m]			[Nm]	[N]				kg
0,55	6,8	206	2,00	717	19180	İRK M	83 İR 52 / 80 M 4a	537	77
	7,7	183	2,30	637	19180	İRKFM		538	84
0,75	9,4	149	2,70	518	19180				
	5,3	265	0,94	922	12100				
	6,0	234	1,07	814	12100				
	6,8	207	1,20	720	12100	İRK M	73 İR 52 / 80 M 4a	535	47
	7,7	183	1,36	637	12100	İRKFM		536	53
	8,6	162	1,50	564	12100				
	9,7	144	2,50	501	12100				
	11	128	2,80	445	12100				
	4,4	158,461	2,20	1136	26000	İRK M	93 / 90 L 8a	525	132
	4,7	149,450	2,40	1072	26000	İRKFM		526	145
	5,0	179,487	2,60	1001	26000				
	5,7	158,461	2,90	884	26000				
	6,0	149,450	3,00	834	26000	İRK M	93 / 80 M 6b	525	126
	6,7	133,779	3,50	746	26000	İRKFM		526	139
	7,5	120,615	3,80	673	26000				
	4,9	143,440	1,32	1029	19180	İRK M	83 / 90 L 8a	523	68
						İRKFM		524	75
	5,4	165,92	1,50	925	19180				
	6,3	143,44	1,72	800	19180	İRK M	83 / 80 M 6b	523	65
	7,1	126,50	1,95	706	19180	İRKFM		524	72
	8,0	112,50	2,20	627	19180				
	8,4	165,920	2,50	595	19180				
	9,8	143,440	2,90	514	19180	İRK M	83 / 80 M 4a	523	63
	11	126,500	3,10	454	19180	İRKFM		524	70
	12	112,500	3,40	403	19180				
	13	106,331	3,80	381	19180				
	8,4	165,92	2,55	595	19180	İRK M	83 / C71 M 4	523	62
	9,8	143,44	2,90	514	19180	İRKFM		524	69
	10	133,989	1,54	480	11900	İRKPM	73 / 80 M 4a	553	40
	11	125,038	1,64	448	11900	İRKFP M		554	45
	12	117,030	1,77	420	11800				
	15	91,961	2,20	330	11800	İRK M	73 / 80 M 4a	521	40
	19	74,320	2,70	266	11800	İRKFM		522	45
	22	63,397	3,40	227	11700				
	27	51,235	4,40	184	11700				
	13	71,842	0,98	401	7150	İRK M	63 / 80 M 6b	519	32
	14	65,295	1,07	364	7150	İRKFM		520	35
	17	82,843	1,35	297	7150	İRKPM	63 / 80 M 4a	551	31
						İRKFP M		552	34
	12	115,460	0,94	414	7150				
	13	104,939	1,03	376	7150				
	15	91,930	1,18	330	7000	İRK M	63 / 80 M 4a	519	31
	19	71,842	1,50	258	7000	İRKFM		520	34
	21	65,295	1,70	234	7000				
	24	57,201	1,92	205	7000				



P ₁	n ₂	i	S _f	M ₂	F _{Q10}	Tip		
GÜÇ	Çıkış Devri	Tahvil	Servis Faktörü	Çıkış Momenti	Rad. Yük	Type		
Power	Output Speeds	Ratio	Service Factor	Output Torque	Over Loads	Typ		
Leistung	Abtriebswelle Drehzahlen	Übersetzung	Betriebsfaktor	Abtriebswelle Drehmomente	Querkräfte			
[kW] Hp	[r.p.m]			[Nm]	[N]			kg
0,55 0,75	28	50,515	2,10	181	7000	İRKM İRKFM	63 / 80 M 4a	519 31 520 34
	31	44,898	2,30	161	6800			
	36	38,584	2,80	138	6800			
	41	34,472	3,20	124	6800			
	45	30,928	3,60	111	6800			
	50	27,841	3,90	100	6620			
	56	25,128	4,40	90	6620			
	62	22,725	4,80	81	6620			
	83	16,836	6,00	60	6620			
	93	15,042	6,50	54	6550			
	104	13,496	6,80	48	6550			
	115	12,148	7,30	44	6550			
	128	10,965	7,60	39	6550			
	134	10,440	7,30	37	6500			
	149	9,423	7,60	34	6500			
	164	8,521	8,10	31	6500			
	173	8,096	8,70	29	6500			
	195	7,165	9,00	26	6500			
0,75 1	0,35	4010	0,82	18737	75000	İRKM İRKFM	143 İR 73 / 80 M 4b	545 515 546 563
	0,39	3602	0,96	16831	75000			
	0,43	3251	1,18	15190	75000			
	0,51	2728	1,18	12747	75000			
	0,62	2245	1,18	10490	75000			
	0,75	1866	1,18	8719	75000			
	0,80	1757	1,18	8210	75000			
	0,97	1446	1,18	6757	75000			
	1,1	1259	2,20	5972	75000	İRKM İRKFM	143 İR 72 / 80 M 4b	545 513 546 561
	1,3	1108	2,40	5256	75000			
	1,4	983	2,70	4663	75000			
	1,6	866	3,00	4108	75000			
	1,8	769	3,30	3648	75000			
	0,63	2208	0,80	10317	60800	İRKM İRKFM	123 İR 73 / 80 M 4b	543 285 544 319
	0,71	1982	0,86	9261	60800			
	0,78	1784	1,00	8336	60800			
	0,87	1610	1,03	7523	60800			
	0,96	1456	1,03	6803	60800			
	1,1	1319	1,03	6163	60800			
	1,2	1195	1,03	5584	60800			
	1,3	1084	1,03	5065	60800			
	0,71	1983	0,87	9407	60800	İRKM İRKFM	123 İR 72 / 80 M 4b	543 283 544 317
	0,80	1743	0,99	8268	60800			
	0,90	1549	1,11	7348	60800			
	1,0	1389	1,24	6589	60800			
	1,1	1255	1,39	5953	60800			
	1,2	1140	1,54	5408	60800			
	1,3	1041	1,69	4938	60800			
	1,6	852	1,90	4042	60800			
	1,9	752	2,20	3567	60800			
	2,1	668	2,50	3169	60800			
	2,3	597	2,70	2832	60800			
	2,6	536	3,10	2543	60800			
	3,1	458	3,90	2173	60800			



P ₁	n ₂	i	S _f	M ₂	F _{Q10}		Tip		
GÜÇ	Çıkış Devri	Tahvil	Servis Faktörü	Çıkış Momenti	Rad. Yük		Type		
Power	Output Speeds	Ratio	Service Factor	Output Torque	Over Loads		Typ		
Leistung	Abtriebswelle Drehzahlen	Übersetzung	Betriebsfaktor	Abtriebswelle Drehmomente	Querkräfte				
[kW] Hp	[r.p.m]			[Nm]	[N]				kg
0,75 1	1,1	1257	0,83	5873	38600				
	1,2	1148	0,90	5364	38600				
	1,4	977	0,90	4565	38600				
	1,6	883	0,90	4126	38600	İRK M	103 İR 63 / 80 M 4b	541	192
	1,9	748	1,30	3495	38600	İRK FM		542	212
	2,1	678	1,30	3168	38600				
	2,5	564	1,30	2635	38600				
	2,8	509	1,76	2378	38600				
	2,9	486	2,10	2305	38600				
	3,6	386	2,50	1831	38600				
	4,5	314	2,80	1490	38600	İRK M	103 İR 62 / 80 M 4b	541	191
	4,9	285	3,00	1352	38600	İRK FM		542	211
	5,4	261	3,30	1238	38600				
	6,0	235	3,90	1115	38600				
	6,6	212	4,40	1006	38600				
	2,5	560	0,83	2617	25850	İRK M	93 İR 63 / 80 M 4b	539	192
	3,0	467	0,93	2182	25850	İRK FM		540	212
	3,3	427	1,00	1995	25850				
	3,9	362	1,53	1717	25850				
	4,3	327	1,73	1551	25850				
	5,0	280	2,00	1328	25850	İRK M	93 İR 62 / 80 M 4b	539	122
	5,6	252	2,20	1195	25850	İRK FM		540	135
	6,2	227	2,50	1077	25850				
	6,8	205	2,80	972	25850				
	7,5	186	3,10	882	25850				
	3,3	428	0,82	2030	18250				
	3,7	375	0,91	1779	18250				
	4,2	332	1,00	1575	18250				
	4,7	297	1,10	1409	18250	İRK M	83 İR 52 / 80 M 4b	537	77
	5,3	266	1,17	1262	18250	İRK FM		538	84
	6,0	233	1,33	1105	18250				
	6,8	206	1,50	977	18250				
	7,7	183	1,70	868	18250				
	9,4	149	2,00	707	18250				
	4,1	171,785	2,50	1680	38600	İRK PM	103 / 100 L 8a	559	187
	4,4	160,273	2,60	1567	38600	İRK FPM		560	207
	5,0	140,786	3,00	1377	38600	İRK M	103 / 100 L 8a	527	187
	5,6	125,041	3,40	1223	38600	İRK FM		528	207
	5,7	158,461	2,10	1205	25850				
	6,0	149,450	2,20	1137	25850	İRK M	93 / 90 S 6a	525	130
	6,7	133,779	2,50	1017	25850	İRK FM		526	143
	7,5	120,615	2,80	917	25850				
	7,8	179,487	3,20	878	26150				
	8,8	158,461	3,30	775	26150	İRK M	93 / 80 M 4b	525	127
	9,4	149,450	3,50	731	26150	İRK FM		526	140
	10,5	133,779	3,90	654	26150				
	6,3	143,44	1,26	1091	19180	İRK M	83 / 90 S 6a	523	66
	7,1	126,50	1,43	962	19180	İRK FM		524	73
	8,0	112,50	1,60	856	19180				



P ₁	n ₂	i	S _f	M ₂	F _{Q10}		Tip		
GÜÇ	Çıkış Devri	Tahvil	Servis Faktörü	Çıkış Momenti	Rad. Yük		Type		
Power	Output Speeds	Ratio	Service Factor	Output Torque	Over Loads		Typ		
Leistung	Abtriebswelle Drehzahlen	Übersetzung	Betriebsfaktor	Abtriebswelle Drehmomente	Querkräfte				
[kW] Hp	[r.p.m]			[Nm]	[N]				kg
0,75 1	8,4	165,92	1,87	811	19180				
	9,8	143,44	2,10	701	19180				
	11	126,50	2,20	618	19180	İRKM İRKFM	83 / 80 M 4b	523	64
	12	112,50	2,50	550	19180			524	71
	13	106,33	2,80	520	19180				
	15	93,77	3,20	458	19180				
	17	83,39	3,60	408	19180				
	12	117,030	1,30	572	11700				
	15	91,961	1,63	450	11700				
	19	74,320	2,00	363	11700	İRKM İRKFM	73 / 80 M 4b	521	41
	22	63,397	2,50	310	11600			522	47
	27	51,235	3,20	251	11600				
	30	46,413	3,50	227	11600				
	33	42,212	4,00	206	11600				
	19	71,842	1,10	351	6700				
	21	65,295	1,22	319	6700				
	24	57,201	1,39	280	6690				
	28	50,515	1,53	247	6690				
	31	44,898	1,73	220	6690				
	36	38,584	2,00	189	6600				
	41	34,472	2,30	169	6600				
	45	30,928	2,60	151	6600				
	50	27,841	2,90	136	6400				
	56	25,128	3,20	123	6400				
	62	22,725	3,50	111	6400	İRKM İRKFM	63 / 80 M 4b	519	33
	65	21,591	3,70	106	6400			520	35
	73	19,106	4,10	93	6220				
	83	16,836	4,40	82	6220				
	93	15,042	4,80	74	6220				
	104	13,496	5,00	66	6220				
	115	12,148	5,40	59	6220				
	128	10,965	5,60	54	6220				
	134	10,440	5,40	51	6100				
	149	9,423	5,60	46	6100				
	164	8,521	6,00	42	6100				
	173	8,096	6,40	40	6100				
	195	7,165	6,60	35	6100				
1,1 1,5	2,5	564	3,40	3924	75000	İRKM İRKFM	143 İR 82 / 90 S 4a	547	549
	2,8	501	3,80	3486	75000			548	597
	3,1	447	4,00	3110	75000				
	0,62	2245	0,80	15385	75000				
	0,75	1866	0,80	12788	75000	İRKM İRKFM	143 İR 73 / 90 S 4a	545	518
	0,80	1757	0,80	12041	75000			546	566
	0,97	1446	0,80	9910	75000				
	1,1	1259	1,50	8759	75000				
	1,3	1108	1,65	7709	75000				
	1,4	983	1,85	6839	75000	İRKM İRKFM	143 İR 72 / 90 S 4a	545	516
	1,6	866	2,00	6025	75000			546	564
	1,8	769	2,20	5350	75000				
	2,0	686	2,70	4773	75000				
	2,3	598	3,00	4161	75000				



P ₁	n ₂	i	S _f	M ₂	F _{Q10}		Tip		
GÜÇ	Çıkış Devri	Tahvil	Servis Faktörü	Çıkış Momenti	Rad. Yük		Type		
Power	Output Speeds	Ratio	Service Factor	Output Torque	Over Loads		Typ		
Leistung	Abtriebswelle Drehzahlen	Übersetzung	Betriebsfaktor	Abtriebswelle Drehmomente	Querkräfte				
[kW] Hp	[r.p.m]			[Nm]	[N]				
									kg
1,1	2,6	530	3,30	3687	75000	İRK M	143 İR 72 / 90 S 4a	545	516
	3,0	474	4,00	3298	75000	İRK FM		546	564
1,5	1,0	1389	0,84	9664	60800				
	1,1	1255	0,95	8732	60800				
	1,2	1140	1,05	7931	60800				
	1,3	1041	1,15	7243	60800				
	1,6	852	1,30	5928	60800				
	1,9	752	1,50	5232	60800				
	2,1	668	1,70	4648	60800	İRK M	123 İR 72 / 90 S 4a	543	286
	2,3	597	1,85	4154	60800	İRK FM		544	320
	2,6	536	2,10	3729	60800				
	3,1	458	2,60	3187	60800				
	3,4	408	3,00	2839	60800				
	3,8	364	3,30	2533	60800				
	4,3	327	3,70	2275	60800				
	1,9	748	0,88	5126	38500				
	2,1	678	0,88	4646	38500	İRK M	103 İR 63 / 90 S 4a	541	196
	2,5	564	0,88	3865	38500	İRK FM		542	216
	2,8	509	1,20	3488	38500				
	3,2	438	1,51	3047	38500				
	3,5	398	1,67	2769	38500				
	4,3	326	1,91	2268	38500	İRK M	103 İR 62 / 90 S 4a	541	199
	4,7	296	2,10	2059	38500	İRK FM		542	219
	5,2	269	2,30	1872	38500				
	6,2	225	2,70	1565	38500				
	6,8	206	3,00	1433	38500				
	3,0	467	0,64	3200	25350	İRK M	93 İR 63 / 90 S 4a	539	129
	3,3	427	0,68	2926	25350	İRK FM		540	142
	3,9	362	1,04	2519	25350				
	4,3	327	1,17	2275	25350				
	5,0	280	1,38	1948	25350	İRK M	93 İR 62 / 90 S 4a	539	128
	5,6	252	1,55	1753	25350	İRK FM		540	141
	6,2	227	1,72	1579	25350				
	6,8	205	1,95	1426	25350				
	7,5	186	2,10	1294	25350				
	4,1	171,785	1,70	2464	38450	İRK PM	103 / 100 L 8b	559	189
	4,4	160,273	1,77	2299	38450	İRK FPM		560	209
	5,0	140,786	2,00	2019	38450	İRK M	103 / 100 L 8b	527	189
	5,6	125,041	2,30	1793	38450	İRK FM		528	209
	5,2	171,785	2,10	1916	38450				
	5,6	160,273	2,30	1788	38450	İRK PM	103 / 90 L 6b	559	183
	6,4	140,786	2,70	1570	38450	İRK FPM		560	203
	7,2	125,041	3,00	1395	38450				
	8,1	171,785	3,40	1232	38500				
	8,7	160,273	3,60	1149	38500	İRK PM	103 / 90 S 4a	559	181
	9,9	140,786	4,10	1010	38500	İRK FPM		560	201
	11	125,041	4,60	897	38500				
	5,7	158,461	1,45	1768	25350	İRK M	93 / 90 L 6b	525	132
	6,0	149,450	1,51	1667	25350	İRK FM		526	145



P ₁	n ₂	i	S _f	M ₂	F _{Q10}		Tip		
GÜÇ	Çıkış Devri	Tahvil	Servis Faktörü	Çıkış Momenti	Rad. Yük		Type		
Power	Output Speeds	Ratio	Service Factor	Output Torque	Over Loads		Type		
Leistung	Abtriebswelle Drehzahlen	Übersetzung	Betriebsfaktor	Abtriebswelle Drehmomente	Querkräfte		Typ		
[kW] Hp	[r.p.m]			[Nm]	[N]				
									kg
1,1	6,7	133,779	1,75	1492	25450	İRKM	93 / 90 L 6b	525	132
	7,5	120,615	1,92	1345	25450	İRKFM		526	145
1,5	7,8	179,480	2,00	1287	25850		93 / 90 S 4a		
	8,8	158,460	2,20	1136	25850				
	9,4	149,450	2,40	1072	25900				
	10	133,770	2,70	959	25900	İRKM		525	130
	12	120,610	3,00	865	26000	İRKFM		526	143
	13	109,400	3,20	785	26150				
	14	99,730	3,40	715	26150				
	17	82,792	4,10	594	26150				
	6,3	143,44	0,86	1600	15900	İRKM		523	70
	7,1	126,50	0,98	1411	16500	İRKFM		524	77
	8,0	112,50	1,09	1255	16700				
	9,8	143,44	1,45	1029	18250				
	11	126,50	1,53	907	18250				
	12	112,50	1,73	807	18250				
	13	106,33	1,92	762	18250				
	15	93,77	2,20	672	18300	İRKM	83 / 90 S 4a	523	66
	17	83,39	2,50	598	18470	İRKFM		524	73
	19	74,67	2,70	535	18500				
	23	60,60	3,20	435	18500				
	26	53,24	3,70	382	19800				
	30	47,32	4,10	339	19800				
	8	165,92	1,28	1190	18250				
	10	143,44	1,45	1029	18250				
	11	126,50	1,53	907	18250				
	12	112,50	1,73	807	18250				
	13	106,33	1,92	762	18250	İRKM		523	65
	15	93,77	2,20	672	18300	İRKFM		524	72
	17	83,39	2,50	598	18470				
	19	74,67	2,70	535	18500				
	23	60,60	3,20	435	18500		83 / C80 M 4		
	26	53,24	3,70	382	19800				
	30	47,32	4,10	339	19800				
	12	117,030	0,89	839	11650	İRKM		521	45
						İRKFM		522	50
	15	91,961	1,11	659	11650				
	19	74,320	1,38	533	11650				
	22	63,397	1,70	455	11600				
	27	51,235	2,20	367	11600				
	30	46,413	2,40	333	11550				
	33	42,212	2,70	303	11550	İRKM		521	45
	40	35,251	3,10	253	11550	İRKFM		522	50
	44	32,154	3,40	231	11550				
	49	28,387	3,90	204	11500				
	56	24,947	4,40	179	11500		63 / 90 S 4a		
	64	22,024	4,70	158	11500				
	25	56,829	0,96	408	6240				
	28	50,515	1,05	362	6150				
	31	44,898	1,18	322	6150	İRKM		519	36
	36	38,584	1,40	277	6150	İRKFM		520	39
	41	34,472	1,60	247	5950				



P ₁	n ₂	i	S _f	M ₂	F _{Q10}		
GÜÇ	Çıkış Devri	Tahvil	Servis Faktörü	Çıkış Momenti	Rad. Yük	Tip	
Power	Output Speeds	Ratio	Service Factor	Output Torque	Over Loads	Type	
Leistung	Abtriebswelle Drehzahlen	Übersetzung	Betriebsfaktor	Abtriebswelle Drehmomente	Querkräfte	Typ	
[kW] Hp	[r.p.m]			[Nm]	[N]		kg
1,1 1,5	45	30,928	1,80	222	5950	İRKM İRKFM 63 / 90 S 4a	519 36 520 39
	50	27,841	1,95	200	5950		
	56	25,128	2,20	180	5950		
	62	22,725	2,40	163	5770		
	65	21,591	2,50	155	5770		
	73	19,106	2,80	137	5770		
	83	16,836	3,00	121	5770		
	93	15,042	3,30	108	5770		
	104	13,496	3,40	97	5770		
	115	12,148	3,70	87	5650		
	128	10,965	3,80	79	5650		
	134	10,440	3,70	75	5650		
	149	9,423	3,80	68	5650		
	164	8,521	4,10	61	5650		
	173	8,096	4,30	58	5600		
	195	7,165	4,50	51	5600		
1,5 2	2,5	564	2,50	5351	75000	İRKM İRKFM 143 İR 82 / 90 L 4a	547 551 548 599
	2,8	501	2,80	4753	75000		
	3,1	447	3,00	4241	75000		
	3,5	402	3,30	3814	75000		
	3,9	363	3,90	3444	75000		
	1,1	1259	1,10	11945	75000	İRKM İRKFM 143 İR 72 / 90 L 4a	545 518 546 566
	1,3	1108	1,21	10512	75000		
	1,4	983	1,36	9326	75000		
	1,6	866	1,50	8216	75000		
	1,8	769	1,65	7296	75000		
	2,0	686	1,98	6508	75000		
	2,3	598	2,20	5673	75000		
	2,6	530	2,40	5028	75000		
	3,0	474	2,90	4497	75000		
	3,6	384	3,40	3643	75000		
	4,0	353	3,70	3349	75000		
	4,5	314	4,10	2979	75000		
	4,9	283	4,50	2685	75000		
	1,3	1041	0,84	9876	60800	İRKM İRKFM 123 İR 72 / 90 L 4a	543 288 544 322
	1,6	852	0,95	8083	60800		
	1,9	752	1,10	7135	60800		
	2,1	668	1,25	6338	60800		
	2,3	597	1,35	5664	60800		
	2,6	536	1,54	5085	60800		
	3,1	458	1,94	4345	60800		
	3,4	408	2,20	3871	60800		
	3,8	364	2,40	3453	60800		
	4,3	327	2,70	3102	60800		
	4,8	294	3,00	2789	60800		
	5,0	282	3,10	2675	60800		
	5,6	250	3,50	2372	60800		
	6,1	228	3,90	2163	60800		
	2,8	509	0,88	4757	38300	İRKM İRKFM 103 İR 63 / 90 L 4a	541 199 542 219
	2,9	486	1,06	4611	38300	İRKM İRKFM 103 İR 62 / 90 L 4a	541 195 542 215
	3,6	386	1,26	3662	38300		



P ₁	n ₂	i	S _f	M ₂	F _{Q10}		Tip		
GÜÇ	Çıkış Devri	Tahvil	Servis Faktörü	Çıkış Momenti	Rad. Yük		Type		
Power	Output Speeds	Ratio	Service Factor	Output Torque	Over Loads		Type		
Leistung	Abtriebswelle Drehzahlen	Übersetzung	Betriebsfaktor	Abtriebswelle Drehmomente	Querkräfte		Typ		
[kW] Hp	[r.p.m]			[Nm]	[N]				
									kg
1,5 2	4,5	314	1,39	2979	38300				
	4,9	285	1,54	2704	38300	İRK M			
	5,4	261	1,69	2476	38300	İRKFM	103 İR 62 / 90 L 4a	541	195
	6,0	235	1,98	2230	38300			542	215
	6,6	212	2,20	2011	38300				
	5,0	280	1,01	2656	25450				
	5,6	252	1,13	2391	25450	İRK M			
	6,2	227	1,26	2154	25450	İRKFM	93 İR 62 / 90 L 4a	539	132
	6,8	205	1,43	1945	25450			540	145
	7,5	186	1,53	1765	25450				
	4,8	146,568	2,70	2866	60800	İRKPM			
	5,4	128,859	3,00	2520	60800	İRK FPM	123 / 112 M 8a	561	287
	6,1	114,523	3,60	2240	60800			562	321
	5,0	140,786	1,50	2753	38450	İRK M			
	5,6	125,041	1,70	2445	38450	İRKFM	103 / 112 M 8a	527	197
								528	217
	5,2	171,785	1,54	2613	38300	İRKPM			
	5,6	160,273	1,69	2438	38300	İRK FPM	103 / 100 L 6a	559	188
								560	208
	6,4	140,786	1,98	2142	38300	İRK M			
	7,2	125,041	2,20	1902	38300	İRKFM	103 / 100 L 6a	527	188
								528	208
	8,1	171,785	2,50	1680	38300	İRKPM			
	8,7	160,273	2,60	1567	38300	İRK FPM	103 / 90 L 4a	559	183
								560	203
	9,9	140,786	3,00	1377	38300	İRK M			
	11	125,041	3,40	1223	38300	İRKFM	103 / 90 L 4a	527	183
								528	203
	6,7	133,77	1,28	2035	25450	İRK M			
	7,5	120,61	1,41	1835	25450	İRKFM	93 / 100 L 6a	525	136
								526	149
	9,4	149,450	1,75	1461	25450				
	10	133,779	1,98	1308	25800				
	12	120,615	2,20	1179	25800				
	13	109,401	2,40	1070	26000	İRK M			
	14	99,734	2,50	975	26000	İRKFM	93 / 90 L 4a	525	132
	17	82,792	3,00	810	26000			526	145
	19	73,814	3,60	722	26050				
	21	66,272	4,10	648	26050				
	8,0	112,5	0,80	1711	15100	İRK M			
						İRKFM	83 / 100 L 6a	523	73
								524	80
	9,8	143,44	1,06	1403	16150				
	11	126,50	1,12	1237	16480				
	12	112,50	1,27	1100	16840				
	13	106,33	1,41	1040	17150				
	15	93,77	1,60	917	17220				
	17	83,39	1,80	815	17330				
	19	74,67	2,00	730	17500	İRK M			
	23	60,60	2,40	593	17740	İRKFM	83 / 90 L 4a	523	68
								524	75
	26	53,24	2,70	521	17820				
	30	47,32	3,00	463	17890				
	33	42,27	3,40	413	18150				
	37	37,93	3,70	371	18380				
	41	34,14	4,00	334	18500				



P ₁	n ₂	i	S _f	M ₂	F _{Q10}		
GÜÇ	Çıkış Devri	Tahvil	Servis Faktörü	Çıkış Momenti	Rad. Yük	Tip	
Power	Output Speeds	Ratio	Service Factor	Output Torque	Over Loads	Type	
Leistung	Abtriebswelle Drehzahlen	Übersetzung	Betriebsfaktor	Abtriebswelle Drehmomente	Querkräfte	Typ	
[kW] Hp	[r.p.m]			[Nm]	[N]		kg
1,5 2	19	74,320	1,01	727	11600	İRKM İRKFM 73 / 90 L 4a	521 47 522 52
	22	63,397	1,25	620	11550		
	27	51,235	1,61	501	11550		
	30	46,413	1,76	454	11500		
	33	42,212	1,98	413	11500		
	40	35,251	2,30	345	11500		
	44	32,154	2,50	314	11450		
	49	28,387	2,90	278	11450		
	56	24,947	3,20	244	11400		
	64	22,024	3,40	215	11400		
	72	19,505	3,90	191	11400		
	80	17,590	4,00	172	11350		
	90	15,530	4,40	152	11350		
	102	13,753	4,70	134	11350		
	115	12,206	4,70	119	11350		
	119	11,753	4,80	115	11300		
	129	10,847	5,10	106	11300		
	130	10,736	5,10	105	11300		
	152	9,189	5,20	90	11300		
2,2 3	36	38,584	1,03	377	5700	İRKM İRKFM 63 / 90 L 4a	519 38 520 41
	41	34,472	1,17	337	5500		
	45	30,928	1,32	302	5500		
	50	27,841	1,43	272	5500		
	56	25,128	1,61	246	5500		
	62	22,725	1,76	222	5320		
	65	21,591	1,83	211	5320		
	73	19,106	2,00	187	5320		
	83	16,836	2,20	165	5320		
	93	15,042	2,40	147	5320		
	104	13,496	2,50	132	5320		
	115	12,148	2,70	119	5200		
	128	10,965	2,80	107	5200		
	134	10,440	2,70	102	5200		
	149	9,423	2,80	92	5200		
	164	8,521	3,00	83	5200		
	173	8,096	3,20	79	5150		
	195	7,165	3,30	70	5150		
2,2 3	2,5	564	1,70	7848	75000	İRKM İRKFM 143 İR 82 / 100 L 4a	547 555 548 603
	2,8	501	1,91	6971	75000		
	3,1	447	2,00	6220	75000		
	3,5	402	2,20	5594	75000		
	3,9	363	2,60	5051	75000		
	4,4	320	2,80	4453	75000		
	5,4	261	3,70	3632	75000		
	1,3	1108	0,82	15418	75000	İRKM İRKFM 143 İR 72 / 100 L 4a	545 522 546 570
	1,4	983	0,93	13678	75000		
	1,6	866	1,02	12050	75000		
	1,8	769	1,12	10701	75000		
	2,0	686	1,35	9546	75000		
	2,3	598	1,50	8321	75000		
	2,6	530	1,65	7375	75000		
	3,0	474	2,00	6596	75000		
	3,6	384	2,30	5343	75000		



P ₁	n ₂	i	S _f	M ₂	F _{Q10}		Tip		
GÜÇ	Çıkış Devri	Tahvil	Servis Faktörü	Çıkış Momenti	Rad. Yük		Type		
Power	Output Speeds	Ratio	Service Factor	Output Torque	Over Loads		Typ		
Leistung	Abtriebswelle Drehzahlen	Übersetzung	Betriebsfaktor	Abtriebswelle Drehmomente	Querkräfte				
[kW] Hp	[r.p.m]			[Nm]	[N]				
									kg
2,2 3	4,0	353	2,50	4912	75000	İRK İRKFM	143 İR 72 / 100 L 4a	545	522
	4,5	314	2,80	4369	75000			546	570
	4,9	283	3,10	3938	75000				
	5,6	250	3,70	3479	75000				
	2,1	668	0,85	9295	60800	İRK İRKFM	123 İR 72 / 100 L 4a	543	292
	2,3	597	0,93	8307	60800			544	326
	2,6	536	1,05	7458	60800				
	3,1	458	1,32	6373	60800				
	3,4	408	1,50	5677	60800				
	3,8	364	1,67	5065	60800				
	4,3	327	1,84	4550	60800				
	4,8	294	2,00	4091	60800				
	5,0	282	2,10	3924	60800				
	5,6	250	2,40	3479	60800				
	6,1	228	2,60	3173	60800				
	7,0	201	3,00	2797	60800				
	7,7	181	3,30	2519	60800				
	8,6	163	3,40	2268	60800				
	9,5	148	3,40	2059	60800				
	10	134	3,40	1865	60800				
	12	121	3,40	1684	60800				
	3,6	386	0,86	5371	38100	İRK İRKFM	103 İR 62 / 100 L 4a	541	200
	4,5	314	0,95	4369	38100			542	220
	4,9	285	1,05	3966	38100				
	5,4	261	1,15	3632	38100				
	6,0	235	1,35	3270	38100				
	6,6	212	1,50	2950	38100				
	4,8	146,568	1,84	4204	60800	İRKPM	123 / 132 S 8b	561	295
	5,4	128,859	2,00	3696	60800	İRKFP		562	329
	6,1	114,523	2,50	3285	60800	İRK	123 / 132 S 8b	529	295
	6,8	102,681	2,70	2945	60800	İRKFM		530	329
	6,1	146,568	2,40	3270	60800	İRKPM İRKFP	123 / 112 M 6a	561	287
	7,0	128,859	2,70	2875	60800			562	321
	7,9	114,523	3,10	2555	60800				
	8,8	102,681	3,50	2291	60800				
	6,4	140,78	1,35	3141	38100	İRK	103 / 112 M 6a	527	196
	7,2	125,04	1,50	2790	38100	İRKFM		528	216
	8,1	171,785	1,70	2464	38100	İRKPM	103 / 100 L 4a	559	187
	8,7	160,273	1,80	2299	38100	İRKFP		560	207
	9,9	140,786	2,00	2019	38100	İRK İRKFM	103 / 100 L 4a	527	187
	11	125,041	2,30	1793	38100			528	207
	12	112,034	2,60	1607	38100				
	14	101,108	2,90	1450	38100				
	15	91,800	3,20	1317	38100				
	18	76,789	3,90	1101	38100				
	9,4	149,45	1,19	2143	24800	İRK İRKFM	93 / C90 L 4	525	136
								526	149
	10	133,770	1,35	1919	24850	İRK	93 / 100 L 4a	525	136
	12	120,610	1,50	1730	24850	İRKFM		526	149



P ₁	n ₂	i	S _f	M ₂	F _{Q10}		Tip		
GÜÇ	Çıkış Devri	Tahvil	Servis Faktörü	Çıkış Momenti	Rad. Yük		Type		
Power	Output Speeds	Ratio	Service Factor	Output Torque	Over Loads		Typ		
Leistung	Abtriebswelle Drehzahlen	Übersetzung	Betriebsfaktor	Abtriebswelle Drehmomente	Querkräfte				
[kW] Hp	[r.p.m]			[Nm]	[N]				kg
2,2 3	13	109,400	1,64	1569	25000				
	14	99,730	1,70	1430	25150				
	17	82,792	2,10	1187	25200				
	19	73,814	2,50	1059	25450	İRKM	93 / 100 L 4a	525	136
	21	66,272	2,80	950	25650	İRKFM		526	149
	23	59,848	3,00	858	25800				
	26	53,181	3,50	763	25800				
	29	47,727	3,80	684	26000				
	33	43,025	4,30	617	26000				
	12	112,500	0,86	1613	14850				
	13	106,330	0,96	1525	16440				
	15	93,770	1,09	1345	16580				
	17	83,390	1,22	1196	16780				
	19	74,670	1,36	1071	16990				
	23	60,600	1,63	869	17230	İRKM	83 / 100 L 4a	523	74
	26	53,240	1,85	764	17500	İRKFM		524	81
	30	47,320	2,10	679	17770				
	33	42,270	2,30	606	17800				
	37	37,930	2,50	544	17880				
	41	34,140	2,70	490	18000				
	45	31,340	3,30	449	18000				
	50	27,850	3,70	399	18200				
	56	24,880	4,20	357	18200				
	63	22,330	4,60	320	18200				
	12	112,50	0,86	1613	14850				
	13	106,33	0,96	1525	16440				
	15	93,77	1,09	1345	16580	İRKM	83 / C90 L 4	523	70
	17	83,39	1,22	1196	16780	İRKFM		524	77
	19	74,67	1,36	1071	16990				
	23	60,60	1,63	869	17230				
	26	53,24	1,85	764	17500				
	30	47,32	2,10	679	17770				
	33	42,27	2,30	606	17800				
	37	37,93	2,50	544	17880	İRKM	83 / C90 L 4	523	70
	41	34,15	2,70	490	18000	İRKFM		524	77
	45	31,34	3,30	449	18000				
	50	27,85	3,70	399	18200				
	56	24,88	4,20	357	18200				
	63	22,33	4,60	320	18200				
	22	63,397	0,85	909	11450	İRKM	73 / C90 L 4	521	47
						İRKFM		522	52
	27	51,235	1,10	735	11400				
	30	46,413	1,20	666	11400				
	33	42,212	1,35	605	11400				
	40	35,251	1,57	506	11400				
	44	32,154	1,70	461	11400	İRKM	73 / 100 L 4a	521	51
	49	28,387	1,95	407	11400	İRKFM		522	56
	56	24,947	2,20	358	11300				
	64	22,024	2,40	316	11300				
	72	19,505	2,70	280	11300				
	80	17,590	2,70	252	11300				
	90	15,530	3,00	223	11300				



P ₁	n ₂	i	S _f	M ₂	F _{Q10}		
GÜÇ	Çıkış Devri	Tahvil	Servis Faktörü	Çıkış Momenti	Rad. Yük	Tip	
Power	Output Speeds	Ratio	Service Factor	Output Torque	Over Loads	Type	
Leistung	Abtriebswelle Drehzahlen	Übersetzung	Betriebsfaktor	Abtriebswelle Drehmomente	Querkräfte	Typ	
[kW] Hp	[r.p.m]			[Nm]	[N]		kg
2,2 3	102	13,753	3,20	197	11300	İRKM İRKFM 73 / 100 L 4a	521 51 522 56
	115	12,206	3,20	175	11200		
	119	11,753	3,30	169	11200		
	129	10,847	3,50	156	11200		
	130	10,736	3,50	154	11200		
	152	9,189	3,60	132	11200		
	172	8,155	4,00	117	11200		
	193	7,247	4,20	104	11200		
	41	34,472	0,80	494	4500	İRKM İRKFM 63 / 100 L 4a	519 42 520 45
	45	30,928	0,90	444	4500		
	50	27,841	0,98	399	4500		
	56	25,128	1,10	360	4450		
	62	22,725	1,20	326	4400		
	65	21,591	1,25	310	4350		
	73	19,106	1,40	274	4350		
	83	16,836	1,50	241	4350		
	93	15,042	1,64	216	4350		
	104	13,496	1,70	194	4250		
	115	12,148	1,84	174	4250		
	128	10,965	1,91	157	4250		
	134	10,440	1,84	150	4000		
	149	9,423	1,91	135	4000		
	164	8,521	2,00	122	4000		
	173	8,096	2,20	116	4000		
	195	7,165	2,20	103	4000		
3 4	2,5	564	1,25	10702	75000	İRKM İRKFM 143 İR 82 / 100 L 4b	547 558 548 606
	2,8	501	1,40	9506	75000		
	3,1	447	1,50	8482	75000		
	3,5	402	1,65	7628	75000		
	3,9	363	1,95	6888	75000		
	4,4	320	2,10	6072	75000		
	5,4	261	2,70	4952	75000		
	6,4	219	3,20	4155	75000		
	7,7	181	3,60	3434	75000		
	8,5	164	4,00	3112	75000		
	1,8	769	0,83	14592	75000	İRKM İRKFM 143 İR 72 / 100 L 4b	545 525 546 573
	2,0	686	0,99	13017	75000		
	2,3	598	1,10	11347	75000		
	2,6	530	1,21	10057	75000		
	3,0	474	1,46	8994	75000		
	3,6	384	1,72	7286	75000		
	4,0	353	1,85	6698	75000		
	4,5	314	2,10	5958	75000		
	4,9	283	2,30	5370	75000		
	5,6	250	2,70	4744	75000		
	6,2	225	3,00	4269	75000		
	6,9	203	3,50	3852	75000		
	8,2	170	3,80	3226	75000		
	3,1	458	0,97	8690	60800	İRKM İRKFM 123 İR 72 / 100 L 4b	543 295 544 329
	3,4	408	1,10	7742	60800		
	3,8	364	1,23	6907	60800		
	4,3	327	1,35	6205	60800		



P ₁	n ₂	i	S _f	M ₂	F _{Q10}				
GÜÇ	Çıkış Devri	Tahvil	Servis Faktörü	Çıkış Momenti	Rad. Yük			Tip	
Power	Output Speeds	Ratio	Service Factor	Output Torque	Over Loads			Type	
Leistung	Abtriebswelle Drehzahlen	Übersetzung	Betriebsfaktor	Abtriebswelle Drehmomente	Querkräfte			Typ	
[kW] Hp	[r.p.m]			[Nm]	[N]				kg
3 4	4,8	294	1,50	5579	60800	İRK İRKFM	123 İR 72 / 100 L 4b	543 544	295 329
	5,0	282	1,55	5351	60800				
	5,6	250	1,75	4744	60800				
	6,1	228	1,95	4326	60800				
	7,0	201	2,20	3814	60800				
	7,7	181	2,40	3434	60800				
	8,6	163	2,50	3093	60800				
	9,5	148	2,50	2808	60800				
	10	134	2,50	2543	60800				
	12	121	2,50	2296	60800				
	5,4	261	0,84	4952	38000	İRK İRKFM	103 İR 62 / 100 L 4b	541 542	204 224
	6,0	235	0,99	4459	38000				
	6,6	212	1,10	4023	38000				
	4,5	154,311	2,20	6036	75000	İRKPM İRKFPM	143 / 132 M 8a	563 564	522 570
	5,1	137,307	2,30	5371	75000				
	5,7	123,260	2,60	4821	75000	İRK İRKFM	143 / 132 M 8a	531 532	522 570
	5,8	154,311	2,90	4694	75000				
	6,6	137,307	3,00	4177	75000	İRK İRKFM	143 / 132 S 6b	531 532	515 563
	7,3	123,260	3,30	3750	75000				
	8,1	111,461	4,00	3391	75000				
	4,8	146,568	1,35	5733	60800	İRKPM İRKFPM	123 / 132 M 8a	561 562	303 337
	5,4	128,859	1,50	5040	60800				
	6,1	114,523	1,80	4479	60800	İRK İRKFM	123 / 132 M 8a	529 530	303 337
	6,8	102,681	2,00	4016	60800				
	6,1	146,568	1,76	4459	60800	İRKPM İRKFPM	123 / 132 S 6b	561 562	296 330
	7,0	128,859	1,98	3920	60800				
	7,9	114,523	2,30	3484	60800	İRK İRKFM	123 / 132 S 6b	529 530	296 330
	8,8	102,681	2,60	3124	60800				
	9,6	146,568	2,70	2866	60800	İRKPM İRKFPM	123 / 100 L 4b	561 562	281 315
	11	128,859	3,00	2520	60800				
	12	114,523	3,60	2240	60800				
	14	102,681	4,00	2008	60800				
	10	140,786	1,50	2753	38000	İRK İRKFM	103 / 100 L 4b	527 528	190 210
	11	125,041	1,71	2445	38000				
	12	112,034	1,95	2191	38000				
	14	101,108	2,10	1977	38000				
	15	91,800	2,30	1795	38000				
	18	76,789	2,80	1502	38000				
	22	64,809	3,40	1267	38000				
	24	57,144	3,80	1118	38000				
	31	45,717	4,60	894	38000				
	10	133,779	0,99	2616	24000	İRK İRKFM	93 / 100 L 4b	525 526	139 152
	12	120,615	1,10	2359	24000				
	13	109,401	1,20	2140	24150				
	14	99,734	1,25	1951	24200				
	17	82,792	1,50	1619	24300				
	19	73,814	1,80	1444	24300				



P ₁	n ₂	i	S _f	M ₂	F _{Q10}			Tip		
GÜÇ	Çıkış Devri	Tahvil	Servis Faktörü	Çıkış Momenti	Rad. Yük			Type		
Power	Output Speeds	Ratio	Service Factor	Output Torque	Over Loads			Typ		
Leistung	Abtriebswelle Drehzahlen	Übersetzung	Betriebsfaktor	Abtriebswelle Drehmomente	Querkräfte					
[kW]	[r.p.m]			[Nm]	[N]					kg
Hp										
3	21	66,272	2,10	1296	24500	İRKM İRKFM	93 / 100 L 4b		525	139
	23	59,848	2,30	1170	24750					
	26	53,181	2,60	1040	24850					
	29	47,727	2,80	933	25000					
	33	43,025	3,20	841	25050					
	36	38,929	3,40	761	25150					
	40	35,330	3,80	691	25100					
	42	33,185	3,90	649	25100					
4	15	93,77	0,80	1834	13650	İRKM İRKFM	83 / 100 L 4b		523	77
	17	83,39	0,90	1631	14100					
	19	74,67	1,00	1460	14800					
	23	60,60	1,20	1185	14880					
	26	53,24	1,36	1041	15290					
	30	47,32	1,53	925	15500					
	33	42,27	1,71	827	15700					
	37	37,93	1,87	742	15700					
	41	34,14	2,00	668	15900					
	45	31,34	2,40	613	16350					
	50	27,85	2,70	545	16350					
	56	24,88	3,00	487	16490					
	63	22,33	3,30	437	16680					
	72	19,33	3,60	378	16800					
	81	17,27	4,00	338	16600					
	90	15,49	4,50	303	16500					
5	27	51,235	0,81	1002	11300	İRKM İRKFM	73 / 100 L 4b		521	54
	30	46,413	0,88	908	11300					
	33	42,212	0,99	826	11300					
	40	35,251	1,15	689	11300					
	44	32,154	1,25	629	11200					
	49	28,387	1,43	555	11200					
	56	24,947	1,61	488	11100					
	64	22,024	1,72	431	11100					
	72	19,505	1,94	381	11100					
	80	17,590	1,98	344	11100					
	90	15,530	2,20	304	11000					
	102	13,753	2,30	269	11000					
	115	12,206	2,30	239	11000					
	119	11,753	2,40	230	11000					
	129	10,847	2,50	212	11000					
	130	10,736	2,50	210	11000					
	152	9,189	2,60	180	10800					
	172	8,155	2,90	159	10800					
	193	7,247	3,10	142	10800					
6	56	25,128	0,81	491	4450	İRKM İRKFM	63 / 100 L 4b		519	45
	62	22,725	0,88	444	4400					
	65	21,591	0,92	422	4350					
	73	19,106	1,03	374	4250					
	93	15,042	1,20	294	4250					
	104	13,496	1,25	264	4150					
	115	12,148	1,35	238	4150					
	128	10,965	1,40	214	4150					
	134	10,440	1,35	204	4150					
	149	9,423	1,40	184	3950					



P ₁	n ₂	i	S _f	M ₂	F _{Q10}		Tip		
GÜÇ	Çıkış Devri	Tahvil	Servis Faktörü	Çıkış Momenti	Rad. Yük		Type		
Power	Output Speeds	Ratio	Service Factor	Output Torque	Over Loads		Typ		
Leistung	Abtriebswelle Drehzahlen	Übersetzung	Betriebsfaktor	Abtriebswelle Drehmomente	Querkräfte				
[kW] Hp	[r.p.m]			[Nm]	[N]				kg
3	164	8,521	1,50	167	3950	İRKM İRKFM	63 / 100 L 4b	519	45
	173	8,096	1,60	158	3950			520	48
	195	7,165	1,65	140	3950				
4 5,5	2,5	564	0,94	14269	75000	İRKM İRKFM	143 İR 82 / 112 M 4b	547	565
	2,8	501	1,05	12675	75000			548	613
	3,1	447	1,12	11309	75000				
	3,5	402	1,23	10171	75000				
	3,9	363	1,46	9184	75000				
	4,4	320	1,57	8096	75000				
	5,4	261	2,00	6603	75000				
	6,4	219	2,40	5541	75000				
	7,7	181	2,70	4579	75000				
	8,5	164	3,00	4149	75000				
	10,2	137	3,50	3466	75000				
	2,6	530	0,90	13409	75000				
	3,0	474	1,10	11992	75000				
	3,6	384	1,29	9715	75000				
	4,0	353	1,39	8931	75000				
	4,5	314	1,54	7944	75000				
	4,9	283	1,69	7160	75000			545	531
	5,6	250	2,00	6325	75000			546	579
	6,2	225	2,20	5692	75000				
	6,9	203	2,60	5136	75000				
	8,2	170	2,90	4301	75000				
	9,3	151	3,10	3820	75000				
	10,4	135	3,40	3415	75000				
	3,4	408	0,83	10322	60800	İRKM İRKFM	123 İR 72 / 112 M 4b	543	301
	3,8	364	0,92	9209	60800			544	335
	4,3	327	1,01	8273	60800				
	4,8	294	1,12	7438	60800				
	5,0	282	1,16	7135	60800				
	5,6	250	1,31	6325	60800				
	6,1	228	1,46	5768	60800				
	7,0	201	1,65	5085	60800				
	7,7	181	1,83	4579	60800				
	8,6	163	1,91	4124	60800				
	9,5	148	1,91	3744	60800				
	10	134	1,91	3390	60800				
	12	121	1,91	3061	60800				
	6,6	212,000	0,82	5364	37700			541	210
								542	230
	4,5	154,311	1,65	8048	75000			531	546
	5,1	137,307	1,72	7161	75000			532	594
	5,7	123,26	1,95	6428	75000			531	546
								532	594
	5,8	154,311	2,20	6259	75000			531	515
								532	563
	6,6	137,307	2,30	5570	75000			531	515
	7,3	123,260	2,50	5000	75000			532	563
	8,1	111,461	3,00	4521	75000				



P ₁	n ₂	i	S _f	M ₂	F _{Q10}		Tip		
GÜÇ	Çıkış Devri	Tahvil	Servis Faktörü	Çıkış Momenti	Rad. Yük		Type		
Power	Output Speeds	Ratio	Service Factor	Output Torque	Over Loads		Typ		
Leistung	Abtriebswelle Drehzahlen	Übersetzung	Betriebsfaktor	Abtriebswelle Drehmomente	Querkräfte				
[kW] Hp	[r.p.m]			[Nm]	[N]				kg
4	6,1	114,523	1,35	5973	60800	İRKPM	123 / 160 M 8a	561	357
						İRKFPM		562	391
5,5	6,8	102,681	1,50	5355	60800	İRKPM	123 / 160 M 8a	529	357
						İRKFM		530	391
	6,1	146,568	1,32	5945	60800	İRKPM	123 / 132 M 6a	529	289
	7,0	128,859	1,49	5227	60800	İRKFPM		530	323
	7,9	114,523	1,71	4645	60800	İRKPM	123 / 132 M 6a	529	304
	8,8	102,681	1,93	4165	60800	İRKFM		530	338
	9,6	146,568	2,00	3822	60800	İRKPM İRKFPM	123 / 112 M 4b	561 562	289 323
	11	128,859	2,30	3360	60800				
	12	114,523	2,70	2986	60800				
	14	102,681	3,00	2678	60800				
	15	92,733	3,30	2418	60800				
	17	84,259	3,70	2197	60800				
	18	76,954	4,00	2007	60800				
	10	140,786	1,13	3671	37700	İRKPM İRKFM	103 / 112 M 4b	527 528	197 217
	11	125,041	1,28	3261	37700				
	12	112,034	1,46	2921	37600				
	14	101,108	1,60	2637	37500				
	15	91,800	1,76	2394	37400				
	18	76,789	2,10	2002	37300				
	22	64,809	2,50	1690	37150				
	25	57,114	2,90	1489	37100				
	31	45,717	3,50	1192	37000				
	34	40,868	3,80	1066	37000				
	38	36,947	4,20	963	37000				
	42	33,531	4,60	874	37000				
	46	30,650	5,30	799	37000				
	13	109,401	0,90	2853	23550	İRKPM İRKFM	93 / 112 M 4b	525 526	146 159
	14	99,734	0,94	2601	23550				
	17	82,792	1,12	2159	23700				
	19	73,814	1,35	1925	23750				
	21	66,272	1,54	1728	23800				
	23	59,848	1,69	1561	23800				
	26	53,181	1,91	1387	23900				
	29	47,727	2,10	1245	23900				
	33	43,025	2,40	1122	23950				
	36	38,929	2,60	1015	24050				
	40	35,330	2,90	921	24100				
	42	33,185	2,90	865	24150				
	47	29,781	3,20	777	24200				
	52	26,847	3,60	700	24200				
	58	24,292	4,00	633	24400				
	23	60,60	0,90	1580	14800	İRKPM İRKFM	83 / 112 M 4b	523 524	84 91
	26	53,24	1,02	1388	14950				
	30	47,32	1,15	1234	15100				
	33	42,27	1,28	1102	15400				
	37	37,93	1,40	989	15700				
	41	34,14	1,50	890	15900				
	45	31,34	1,81	817	15900				
	50	27,85	2,00	726	16350				



P ₁	n ₂	i	S _f	M ₂	F _{Q10}		
GÜÇ	Çıkış Devri	Tahvil	Servis Faktörü	Çıkış Momenti	Rad. Yük	Tip	
Power	Output Speeds	Ratio	Service Factor	Output Torque	Over Loads	Type	
Leistung	Abtriebswelle Drehzahlen	Übersetzung	Betriebsfaktor	Abtriebswelle Drehmomente	Querkräfte	Typ	
[kW] Hp	[r.p.m]			[Nm]	[N]		kg
4 5,5	56	24,88	2,30	649	16350	İRKM İRKFM 83 / 112 M 4b	523 84 524 91
	63	22,33	2,50	582	16000		
	72	19,33	2,70	504	15700		
	81	17,27	3,00	450	15700		
	90	15,49	3,40	404	15500		
	100	13,95	3,70	364	15500		
	111	12,59	3,80	328	15350		
	123	11,38	3,90	297	15350		
	136	10,31	4,10	269	15350		
	150	9,35	4,20	244	15000		
	168	8,31	3,90	217	15000		
	186	7,52	4,10	196	14500		
	205	6,82	4,20	178	14500		
	19	74,67	0,80	1947	14800		
	23	60,60	0,90	1580	14800		
	26	53,24	1,02	1388	14950		
	30	47,32	1,15	1234	15100		
	33	42,27	1,28	1102	15400		
	37	37,93	1,40	989	15700		
	41	34,15	1,50	891	15900		
	45	31,34	1,81	817	15900		
	50	27,85	2,00	726	16350		
	56	24,88	2,30	649	16350		
	63	22,33	2,50	582	16000		
	72	19,33	2,70	504	15700		
	81	17,27	3,00	450	15600		
	90	15,49	3,40	404	15500		
	100	13,95	3,70	364	15500		
	111	12,59	3,80	328	15400		
	123	11,38	3,90	297	15300		
	136	10,31	4,10	269	15150		
	150	9,35	4,20	244	15000		
	168	8,31	3,90	217	15000		
	186	7,52	4,10	196	14750		
	205	6,82	4,20	178	14500		
	40	35,251	0,86	919	11150		
	44	32,154	0,94	838	11150		
	49	28,387	1,07	740	11100		
	56	24,947	1,21	651	11100		
	64	22,024	1,29	574	11000		
	72	19,505	1,46	509	11000		
	80	17,590	1,49	459	10900		
	90	15,530	1,65	405	10900		
	102	13,753	1,76	359	10700		
	115	12,206	1,76	318	10700		
	119	11,753	1,82	306	10700		
	129	10,847	1,92	283	10500		
	130	10,736	1,92	280	10500		
	152	9,189	1,98	240	10500		
	172	8,155	2,20	213	10500		
	193	7,247	2,30	189	10300		



P ₁	n ₂	i	S _f	M ₂	F _{Q10}			Tip	
GÜÇ	Çıkış Devri	Tahvil	Servis Faktörü	Çıkış Momenti	Rad. Yük			Type	
Power	Output Speeds	Ratio	Service Factor	Output Torque	Over Loads			Typ	
Leistung	Abtriebswelle Drehzahlen	Übersetzung	Betriebsfaktor	Abtriebswelle Drehmomente	Querkräfte				
[kW] Hp	[r.p.m]			[Nm]	[N]				kg
5,5 7,5	3,5	402	0,90	13984	73300	İRK İRKFM	143 İR 82 / 132 S 4c		547 567 548 615
	3,9	363	1,06	12628	73300				
	4,4	320	1,14	11132	73300				
	5,4	261	1,50	9079	73300				
	6,4	219	1,78	7618	73300				
	7,7	181	2,00	6296	73300				
	8,5	164	2,20	5705	73300				
	10	137	2,60	4766	73300				
	3,6	384	0,94	13358	73300	İRK İRKFM	143 İR 72 / 132 S 4c		545 545 546 593
	4,0	353	1,00	12280	73300				
	4,5	314	1,12	10923	73300				
	4,9	283	1,22	9845	73300				
	5,6	250	1,48	8697	73300				
	6,2	225	1,64	7827	73300				
	6,9	203	1,92	7062	73300				
	8,2	170	2,10	5914	73300				
	9,3	151	2,30	5253	73300				
	10	135	2,50	4696	73300				
	4,8	294	0,82	10227	60000	İRK İRKFM	123 İR 72 / 132 S 4c		543 315 544 349
	5,0	282	0,85	9810	60000				
	5,6	250	0,95	8697	60000				
	6,1	228	1,06	7931	60000				
	7,0	201	1,20	6992	60000				
	7,7	181	1,33	6296	60000				
	8,6	163	1,39	5670	60000				
	9,5	148	1,39	5149	60000				
	10	134	1,39	4661	60000				
	12	121	1,39	4209	60000				
	5,7	123,26	1,42	8839	73300	İRK İRKFM	143 / 160 M 8b		531 546 532 594
	5,8	154,311	1,58	8607	73300	İRKPM İRKFP	143 / 132 M 6b		563 524 564 572
	6,6	137,307	1,63	7658	73300	İRK İRKFM	143 / 132 M 6b		531 524 532 572
	7,3	123,260	1,80	6875	73300				
	8,1	111,461	2,20	6217	73300				
	9,1	154,311	2,40	5533	73300	İRKPM İRKFP	143 / 132 S 4c		563 513 564 561
	10	137,307	2,50	4923	73300	İRK İRKFM	143 / 132 S 4c		531 513 532 561
	11	123,260	2,80	4419	73300				
	13	111,461	3,30	3996	73300				
	7,9	114,523	1,24	6387	60000	İRK İRKFM	123 / 132 M 6b		529 310 530 344
	8,8	102,681	1,40	5727	60000				
	9,6	146,568	1,47	5255	59000	İRKPM İRKFP	123 / 132 S 4c		561 299 562 333
	11	128,859	1,64	4620	59000				
	12	114,523	1,96	4106	59000	İRK İRKFM	123 / 132 S 4c		529 299 530 333
	14	102,681	2,20	3682	59000				
	15	92,733	2,40	3325	59000				
	17	84,259	2,70	3021	59000				
	18	76,954	2,90	2759	57500				
	20	70,591	3,10	2531	57500				



P ₁	n ₂	i	S _f	M ₂	F _{Q10}		Tip		
GÜÇ	Çıkış Devri	Tahvil	Servis Faktörü	Çıkış Momenti	Rad. Yük		Type		
Power	Output Speeds	Ratio	Service Factor	Output Torque	Over Loads		Typ		
Leistung	Abtriebswelle Drehzahlen	Übersetzung	Betriebsfaktor	Abtriebswelle Drehmomente	Querkräfte				
[kW] Hp	[r.p.m]			[Nm]	[N]				kg
5,5	22	62,936	3,30	2257	57500	İRKM	123 / 132 S 4c	529	299
	25	55,579	3,80	1993	57500	İRKFM		530	333
7,5	12	112,034	1,06	4017	36000	İRKM	103 / C112 M 4	527	210
	14	101,108	1,16	3625	36000	İRKFM		528	230
	15	91,800	1,28	3291	35850				
	18	76,789	1,55	2753	35700				
	22	64,809	1,84	2324	35500				
	25	57,114	2,10	2048	35400				
	31	45,717	2,50	1639	35400	İRKM	103 / 132 S 4c	527	210
	34	40,868	2,80	1465	35400	İRKFM		528	230
	38	36,947	3,10	1325	35400				
	42	33,531	3,30	1202	35400				
	46	30,650	3,80	1099	35400				
	51	27,581	4,30	989	35400				
	56	24,934	4,70	894	35400				
	17	82,792	0,82	2968	23500	İRKM	93 / C112 M 4	525	159
	19	73,814	0,98	2647	23500	İRKFM		526	172
	21	66,272	1,12	2376	23500				
	23	59,848	1,23	2146	23500				
	26	53,181	1,39	1907	23550				
	29	47,727	1,52	1711	23600				
	33	43,025	1,72	1543	23650				
	36	38,929	1,88	1396	23700				
	40	35,330	2,10	1267	23700				
	42	33,185	2,10	1190	23750	İRKM	93 / 132 S 4c	525	159
	47	29,781	2,40	1068	23750	İRKFM		526	172
	52	26,847	2,60	963	23750				
	58	24,292	2,90	871	23850				
	64	22,046	3,20	790	23850				
	67	20,800	3,30	746	23850				
	75	18,666	3,40	669	23900				
	83	16,827	3,50	603	24050				
	92	15,225	3,70	546	24050				
	101	13,818	3,90	495	24050				
	33	42,27	0,93	1516	14800				
	37	37,93	1,02	1360	14900				
	41	34,14	1,09	1224	15250				
	45	31,34	1,32	1124	15600				
	50	27,85	1,48	999	15600				
	56	24,88	1,68	892	15800				
	63	22,33	1,84	801	16300				
	72	19,33	2,00	693	16300				
	81	17,27	2,20	619	16300	İRKM	83 / 132 S 4c	523	93
	90	15,49	2,50	555	16150	İRKFM		524	100
	100	13,95	2,70	500	16000				
	111	12,59	2,80	451	15900				
	123	11,38	2,90	408	15700				
	136	10,31	3,00	370	15500				
	150	9,35	3,10	335	15200				
	168	8,31	2,90	298	15000				
	186	7,52	3,00	270	15000				
	205	6,82	3,10	245	15000				



P ₁	n ₂	i	S _f	M ₂	F _{Q10}		
GÜÇ	Çıkış Devri	Tahvil	Servis Faktörü	Çıkış Momenti	Rad. Yük	Tip	
Power	Output Speeds	Ratio	Service Factor	Output Torque	Over Loads	Type	
Leistung	Abtriebswelle Drehzahlen	Übersetzung	Betriebsfaktor	Abtriebswelle Drehmomente	Querkräfte	Typ	
[kW] Hp	[r.p.m]			[Nm]	[N]		kg
5,5 7,5	23	60,60	0,65	2173	14800	İRK İRKFM 83 / C112 M 4	523 88 524 95
	26	53,24	0,74	1909	14800		
	30	47,32	0,83	1697	14800		
	33	42,27	0,93	1516	14800		
	37	37,93	1,02	1360	15100		
	41	34,14	1,09	1224	15350		
	45	31,34	1,32	1124	15600		
	50	27,85	1,48	999	15600		
	56	24,88	1,68	892	16000		
	63	22,33	1,84	801	16300		
	72	19,33	2,00	693	16300	İRK İRKFM 83 / C112 M 4	523 88 524 95
	81	17,27	2,20	619	16300		
	90	15,49	2,50	555	16150		
	100	13,95	2,70	500	15820		
	111	12,59	2,80	451	15500		
	123	11,38	2,90	408	15350		
	136	10,31	3,00	370	15200		
	150	9,35	3,10	335	15200		
	168	8,31	2,90	298	15000		
	186	7,52	3,00	270	15000		
	205	6,82	3,10	245	15000		
	80	17,590	1,08	631	10600	İRKPM İRKFP 73 / 132 S 4c	553 74 554 79
	90	15,530	1,20	557	10600		
	102	13,753	1,28	493	10400		
	115	12,206	1,28	438	10400		
	119	11,753	1,32	421	10400		
	129	10,847	1,40	389	10200		
	130	10,736	1,40	385	10200		
	152	9,189	1,44	329	10200		
	172	8,155	1,60	292	10200		
	193	7,247	1,68	260	10000		
7,5 10	4,4	320	0,84	15180	72500	İRK İRKFM 143 İR 82 / 132 M 4b	547 580 548 628
	5,4	261	1,10	12381	72500		
	6,4	219	1,30	10389	72500		
	7,7	181	1,46	8586	72500		
	8,5	164	1,61	7780	72500		
	10	137	1,90	6499	72500	İRK İRKFM 143 İR 72 / 132 M 4b	545 545 546 593
	5,6	250	1,09	11859	72500		
	6,2	225	1,20	10673	72500		
	6,9	203	1,41	9630	72500		
	8,2	170	1,54	8064	72500		
	9,3	151	1,69	7163	72500		
	10	135	1,83	6404	72500		
	7,3	123,260	1,32	9375	72500	İRK İRKFM 143 / 160 M 6b	531 547 532 595
	8,1	111,461	1,60	8477	72500		
	9,1	154,311	1,76	7545	72500	İRKPM İRKFP 143 / 132 M 4b	563 524 564 572
	10	137,307	1,83	6713	72500		
	11	123,260	2,10	6027	72500	İRK İRKFM 143 / 132 M 4b	531 524 532 572
	13	111,461	2,40	5450	72500		
	15	93,097	2,80	4552	72500		



P ₁	n ₂	i	S _f	M ₂	F _{Q10}		Tip		
GÜÇ	Çıkış Devri	Tahvil	Servis Faktörü	Çıkış Momenti	Rad. Yük		Type		
Power	Output Speeds	Ratio	Service Factor	Output Torque	Over Loads		Typ		
Leistung	Abtriebswelle Drehzahlen	Übersetzung	Betriebsfaktor	Abtriebswelle Drehmomente	Querkräfte				
[kW] Hp	[r.p.m]			[Nm]	[N]				kg
7,5	17	81,923	3,20	4005	72500	İRKM İRKFM	143 / 132 M 4b	531	524
	19	72,692	3,70	3554	72500			532	572
	22	64,048	4,10	3131	72500				
10	12	114,523	1,44	5599	56300	İRKM İRKFM	123 / 132 M 4b		
	14	102,681	1,60	5020	56300				
	15	92,733	1,76	4534	56300				
	17	84,259	1,96	4120	56300				
	18	76,954	2,10	3762	56000			529	307
	20	70,591	2,30	3451	55500			530	341
	22	62,936	2,40	3077	55000				
	25	55,579	2,80	2717	54500				
	28	49,400	3,10	2415	54000				
	32	44,135	3,50	2158	53600				
	35	39,597	3,80	1936	53100				
	18	76,789	1,14	3754	34850	İRKM İRKFM	103 / 132 M 4b		
	22	64,809	1,35	3169	34200				
	25	57,114	1,52	2792	33900				
	31	45,717	1,84	2235	33900				
	34	40,868	2,00	1998	33550				
	38	36,947	2,20	1806	33250				
	42	33,531	2,50	1639	33000			527	221
	46	30,650	2,80	1499	32700			528	241
	51	27,581	3,10	1349	32500				
	56	24,934	3,50	1219	32300				
	62	22,629	3,80	1106	32050				
	68	20,604	4,20	1007	32050				
	74	18,809	4,50	920	32050				
	79	17,797	4,80	870	31850				
15	21	66,272	0,82	3240	21350	İRKM İRKFM	93 / 132 M 4b		
	23	59,848	0,90	2926	21350				
	26	53,181	1,02	2600	21400				
	29	47,727	1,11	2334	21450				
	33	43,025	1,26	2104	21500				
	36	38,929	1,38	1903	21700				
	40	35,330	1,52	1727	21900				
	42	33,185	1,56	1623	21700				
	47	29,781	1,77	1456	21500				
	52	26,847	1,92	1313	21250				
	58	24,292	2,20	1188	21000			525	170
	64	22,046	2,40	1078	20800			526	183
	67	20,800	2,40	1017	20500				
	75	18,666	2,50	913	20000				
	83	16,827	2,60	823	19400				
	92	15,225	2,70	744	19250				
	101	13,818	2,90	676	19150				
	111	12,571	3,20	615	19050				
	122	11,459	3,30	560	19000				
	134	10,461	3,50	511	18800				
	146	9,560	3,60	467	18600				
	152	9,189	3,60	449	18500				
	167	8,376	3,90	410	18200				



P ₁	n ₂	i	S _f	M ₂	F _{Q10}		Tip		
GÜÇ	Çıkış Devri	Tahvil	Servis Faktörü	Çıkış Momenti	Rad. Yük		Type		
Power	Output Speeds	Ratio	Service Factor	Output Torque	Over Loads		Typ		
Leistung	Abtriebswelle Drehzahlen	Übersetzung	Betriebsfaktor	Abtriebswelle Drehmomente	Querkräfte				
[kW] Hp	[r.p.m]			[Nm]	[N]				kg
7,5 10	183	7,647	4,10	374	18200	İRKM	93 / 132 M 4b	525	170
	200	6,989	4,20	342	18200	İRKFM		526	183
	226	6,202	4,20	303	18200				
	45	31,34	0,97	1532	15650		83 / 132 M 4b		
	50	27,85	1,08	1362	15650				
	56	24,88	1,23	1216	15700				
	63	22,33	1,35	1092	15700				
	72	19,33	1,46	945	15700				
	81	17,27	1,61	844	15750				
	90	15,49	1,83	757	15780	İRKM		523	113
	100	13,95	1,98	682	15500	İRKFM		524	120
	111	12,59	2,00	616	15350				
	123	11,38	2,10	556	15250				
	136	10,31	2,20	504	15200				
	150	9,35	2,30	457	15100				
	168	8,31	2,10	406	15100				
	186	7,52	2,20	368	15050				
	205	6,82	2,30	333	15000				
11 15	6,4	219	0,89	15237	72000	İRKM	143 İR 82 / 160 M 4b	547	596
	7,7	181	1,00	12593	72000	İRKFM		548	644
	8,5	164	1,10	11410	72000				
	10,2	137	1,30	9532	72000				
	6,2	225	0,82	15654	72000		143 İR 72 / C132 M 4	545	534
	6,9	203	0,96	14124	72000	İRKM		546	582
	8,2	170	1,05	11828	72000	İRKFM			
	9,3	151	1,15	10506	72000				
	10	135	1,25	9393	72000				
	9,1	154,311	1,20	11066	71500	İRKPM	143 / 160 M 4b	563	526
						İRKFP		564	574
	10	137,307	1,25	9846	71500	İRKM	143 / C132 M 4	531	526
						İRKFM		532	574
	11	123,260	1,40	8839	71500		143 / 160 M 4b		
	13	111,461	1,65	7993	71500				
	15	93,097	1,95	6676	71500				
	17	81,923	2,20	5875	71500				
	19	72,692	2,50	5213	71500	İRKM		531	546
	22	64,048	2,80	4593	71500	İRKFM		532	594
	25	56,832	3,10	4075	71500				
	28	50,770	3,30	3641	71500				
	31	45,606	3,70	3270	71500				
	12	114,523	0,98	8212	54000	İRKM	123 / C132 M 4	529	316
						İRKFM		530	350
	14	102,681	1,09	7363	54000		123 / 160 M 4b		
	15	92,733	1,20	6650	53200				
	17	84,259	1,33	6042	53200				
	18	76,954	1,45	5518	53000				
	20	70,591	1,56	5062	52500	İRKM		529	368
	22	62,936	1,67	4513	52000	İRKFM		530	402
	25	55,579	1,90	3986	51500				
	28	49,400	2,10	3542	51000				
	32	44,135	2,40	3165	50600				



P ₁	n ₂	i	S _f	M ₂	F _{Q10}		Tip		
GÜÇ	Çıkış Devri	Tahvil	Servis Faktörü	Çıkış Momenti	Rad. Yük		Type		
Power	Output Speeds	Ratio	Service Factor	Output Torque	Over Loads		Typ		
Leistung	Abtriebswelle Drehzahlen	Übersetzung	Betriebsfaktor	Abtriebswelle Drehmomente	Querkräfte				
[kW] Hp	[r.p.m]			[Nm]	[N]				kg
11	35	39,597	2,60	2839	50100	İRKM İRKFM	123 / 160 M 4b	529	368
	41	33,897	2,80	2431	49600			530	402
	46	30,128	3,30	2160	49000				
	52	26,917	3,70	1930	48400				
15	22	64,809	0,92	4647	30250	İRKM İRKFM	103 / C132 M 4	527	243
								528	263
	25	57,114	1,04	4096	30000				
	31	45,717	1,25	3278	30000				
	38	36,947	1,39	2649	29600	İRKM İRKFM	103 / 160 M 4b		
	42	33,531	1,67	2404	29500				
	46	30,650	1,90	2198	29150				
	51	27,581	2,10	1978	28850				
	56	24,934	2,40	1788	28550				
	62	22,629	2,60	1623	28350			527	243
	68	20,604	2,80	1478	28150			528	263
	74	18,809	3,10	1349	27900				
	79	17,797	3,30	1276	27750				
	87	16,014	3,40	1148	27500				
	97	14,478	3,50	1038	27250				
	107	13,139	3,80	942	27000				
	117	11,963	4,50	858	27000				
	33	43,025	0,86	3085	17950	İRKM İRKFM	93 / 160 M 4b		
	36	38,929	0,94	2792	17950				
	40	35,330	1,04	2533	17950				
	42	33,185	1,06	2380	17950				
	47	29,781	1,21	2136	18000				
	52	26,847	1,31	1925	18000				
	58	24,292	1,47	1742	17800				
	64	22,046	1,61	1581	17700				
	67	20,800	1,64	1492	17600				
	75	18,666	1,70	1339	17500				
	83	16,827	1,77	1207	17400			525	193
	92	15,225	1,84	1092	17150			526	206
	101	13,818	1,97	991	17000				
	111	12,571	2,20	901	16750				
	122	11,459	2,30	822	16450				
	134	10,461	2,40	750	16150				
	146	9,560	2,50	686	15800				
	152	9,189	2,50	659	15600				
	167	8,376	2,70	601	15250				
	183	7,647	2,80	548	15050				
	200	6,989	2,90	501	14900				
	226	6,202	2,90	445	14900				
	41	34,05	0,66	2442	16300	İRKM İRKFM	83 / C132 M 4		
	50	27,85	0,74	1997	16300				
	56	24,88	0,84	1784	16250				
	63	22,33	0,92	1601	16200				
	72	19,33	1,00	1386	16150			523	98
	81	17,27	1,10	1238	16050			524	105
	90	15,49	1,25	1111	16050				
	100	13,95	1,35	1000	15800				
	111	12,59	1,40	903	15700				
	123	11,38	1,45	816	15600				



P ₁	n ₂	i	S _f	M ₂	F _{Q10}			
GÜÇ	Çıkış Devri	Tahvil	Servis Faktörü	Çıkış Momenti	Rad. Yük	Tip		
Power	Output Speeds	Ratio	Service Factor	Output Torque	Over Loads	Type		
Leistung	Abtriebswelle Drehzahlen	Übersetzung	Betriebsfaktor	Abtriebswelle Drehmomente	Querkräfte	Typ		
[kW] Hp	[r.p.m]			[Nm]	[N]			
								kg
11 15	136	10,31	1,50	739	15600	İRKM İRKFM	83 / C132 M 4	523 98 524 105
	150	9,35	1,55	670	15600			
	168	8,31	1,45	596	15300			
	186	7,52	1,50	539	15300			
	205	6,82	1,55	489	15300			
15 20	11	123,260	1,03	12053	71000	İRKM İRKFM	143 / 160 L 4a	531 561 532 609
	13	111,461	1,21	10899	71000			
	15	93,097	1,43	9104	71000			
	17	81,923	1,61	8011	71000			
	19	72,692	1,85	7108	71000			
	22	64,048	2,10	6263	71000			
	25	56,832	2,30	5557	70500			
	28	50,770	2,50	4965	70500			
	31	45,606	2,70	4460	70500			
	34	41,154	3,20	4024	70000			
	37	37,889	3,40	3705	70000			
	42	33,620	3,80	3288	70000			
	14	102,681	0,80	10041	50000	İRKM İRKFM	123 / 160 L 4a	529 400 530 434
	15	92,733	0,88	9068	49200			
	17	84,259	0,98	8239	49200			
	18	76,954	1,07	7525	49000			
	20	70,591	1,15	6903	48500			
	22	62,936	1,23	6154	48000			
	25	55,579	1,40	5435	47500			
	28	49,400	1,55	4831	47000			
	32	44,135	1,75	4316	46600			
	35	39,597	1,90	3872	46100			
	41	33,897	2,10	3315	45600			
	46	30,128	2,40	2946	45000			
	52	26,917	2,70	2632	44400			
	58	24,150	2,90	2362	44100			
	64	21,739	3,30	2126	43700			
	67	20,829	3,30	2037	43500			
	76	18,513	3,70	1810	43000			
	31	45,717	0,92	4470	25800	İRKM İRKFM	103 / 160 L 4a	527 258 528 278
	34	40,868	1,02	3996	25800			
	38	36,947	1,12	3613	25800			
	42	33,531	1,22	3279	25800			
	46	30,650	1,41	2997	25800			
	51	27,581	1,57	2697	25600			
	56	24,934	1,73	2438	25450			
	62	22,629	1,89	2213	25150			
	68	20,604	2,10	2015	25150			
	74	18,809	2,30	1839	24950			
	79	17,797	2,40	1740	24700			
	87	16,014	2,50	1566	24550			
	97	14,478	2,60	1416	24100			
	107	13,139	2,80	1285	23700			
	117	11,963	3,30	1170	23550			
	128	10,921	3,50	1068	23450			
	140	9,992	3,50	977	23300			



P ₁	n ₂	i	S _f	M ₂	F _{Q10}		Tip		
GÜÇ	Çıkış Devri	Tahvil	Servis Faktörü	Çıkış Momenti	Rad. Yük		Type		
Power	Output Speeds	Ratio	Service Factor	Output Torque	Over Loads		Typ		
Leistung	Abtriebswelle Drehzahlen	Übersetzung	Betriebsfaktor	Abtriebswelle Drehmomente	Querkräfte				
[kW] Hp	[r.p.m]			[Nm]	[N]				kg
15 20	153	9,158	3,50	896	23150	İRKM İRKFM	103 / 160 L 4a	527	258
	181	7,724	3,70	755	23150			528	278
	197	7,102	3,80	694	23150				
	214	6,533	3,90	639	23150				
	58	24,292	1,08	2375	14400	İRKM İRKFM	93 / 160 L 4a	525	207
	64	22,046	1,18	2156	14600			526	220
	67	20,800	1,20	2034	14500				
	75	18,666	1,25	1825	14300				
	83	16,827	1,30	1645	14150				
	92	15,225	1,35	1489	14050				
	101	13,818	1,45	1351	14000				
	111	12,571	1,61	1229	13850				
	122	11,459	1,68	1121	13800				
	134	10,461	1,76	1023	13700				
	146	9,560	1,83	935	13500				
	152	9,189	1,83	899	13500				
	167	8,376	1,98	819	13150				
	183	7,647	2,00	748	13000				
	200	6,989	2,10	683	13000				
	226	6,202	2,10	606	13000				
18,5 25	15	93,097	1,16	11228	70000	İRKM İRKFM	143 / 180 M 4b	531	583
	17	81,923	1,31	9880	69500			532	631
	19	72,692	1,50	8767	69150				
	22	64,048	1,66	7724	69000				
	25	56,832	1,82	6854	68400				
	28	50,770	1,98	6123	68000				
	31	45,606	2,20	5500	67600				
	34	41,154	2,60	4963	66500				
	37	37,889	2,80	4570	65900				
	42	33,620	3,10	4055	64700				
	47	30,034	3,40	3622	64100				
	52	26,979	3,70	3254	63000				
	58	24,345	4,00	2936	62500				
	18	76,954	0,86	9281	49000	İRKM İRKFM	123 / C160 L 4	529	410
	20	70,591	0,93	8513	48500			530	444
	22	62,936	0,99	7590	46000	İRKM İRKFM	123 / 180 M 4b	529	420
	25	55,579	1,13	6703	45500			530	454
	28	49,400	1,25	5958	45000				
	32	44,135	1,42	5323	44600				
	35	39,597	1,54	4775	44100				
	41	33,897	1,70	4088	43600				
	46	30,128	1,95	3634	43000				
	52	26,917	2,20	3246	42400				
	58	24,150	2,30	2913	42100				
	64	21,739	2,70	2622	41700				
	67	20,829	2,70	2512	41500				
	76	18,513	3,00	2233	41000				
	85	16,540	3,40	1995	41000				
	94	14,840	3,80	1790	40300				
	105	13,358	4,20	1611	40100				



P ₁	n ₂	i	S _f	M ₂	F _{Q10}			
GÜÇ	Çıkış Devri	Tahvil	Servis Faktörü	Çıkış Momenti	Rad. Yük	Tip		
Power	Output Speeds	Ratio	Service Factor	Output Torque	Over Loads	Type		
Leistung	Abtriebswelle Drehzahlen	Übersetzung	Betriebsfaktor	Abtriebswelle Drehmomente	Querkräfte	Typ		
[kW] Hp	[r.p.m]			[Nm]	[N]			 kg
18,5 25	34	40,868	0,83	4929	23150	İRKM İRKFM	103 / 180 M 4b	527 280 528 300
	38	36,947	0,91	4456	23150			
	42	33,531	0,99	4044	23150			
	51	27,581	1,27	3326	23150			
	56	24,934	1,41	3007	23000			
	62	22,629	1,53	2729	22900			
	68	20,604	1,68	2485	22900			
	74	18,809	1,86	2268	22800			
	79	17,797	1,95	2146	22700			
	87	16,014	2,00	1931	22600			
	97	14,478	2,10	1746	22450			
	107	13,139	2,30	1585	22250			
	117	11,963	2,60	1443	22050			
	128	10,921	2,80	1317	21950			
	140	9,992	2,80	1205	21900			
	153	9,158	2,90	1104	21800			
	181	7,724	3,00	932	21650			
	197	7,102	3,10	857	21550			
	211	6,633	3,20	800	21500			
	67	20,800	0,97	2509	13150	İRKM	93 / C160 L 4	525 229
	75	18,666	1,01	2251	13150	İRKFM		526 242
83	16,827	1,05	2029	13150	İRKM İRKFM	93 / 180 M 4b	525 229 526 242	
92	15,225	1,09	1836	13150				
101	13,818	1,17	1666	13100				
111	12,571	1,31	1516	13050				
122	11,459	1,36	1382	13000				
134	10,461	1,43	1262	13000				
146	9,560	1,49	1153	12850				
152	9,189	1,49	1108	12700				
167	8,376	1,60	1010	12650				
183	7,647	1,66	922	12600				
200	6,989	1,72	843	12600				
226	6,202	1,72	748	12600				
22 30	17	81,923	1,10	11749	67350	İRKM İRKFM	143 / 180 L 4b	531 597 532 645
	19	72,692	1,26	10425	67000			
	22	64,048	1,40	9186	66850			
	25	56,832	1,53	8151	66250			
	28	50,770	1,67	7281	65850			
	31	45,606	1,84	6541	65450			
	34	41,154	2,20	5902	64350			
	37	37,889	2,30	5434	63750			
	42	33,620	2,60	4822	62550			
	47	30,034	2,90	4307	61950			
	52	26,979	3,20	3869	60850			
	58	24,345	3,30	3492	60350			
	62	22,639	3,60	3247	58800			
	69	20,429	4,30	2930	56500			
	25	55,579	0,95	7971	44000	İRKM İRKFM	123 / 180 L 4b	529 445 530 479
	28	49,400	1,05	7085	43500			
	32	44,135	1,19	6330	43000			
	35	39,597	1,30	5679	42600			
	41	33,897	1,43	4861	42100			



P ₁	n ₂	i	S _f	M ₂	F _{Q10}		
GÜÇ	Çıkış Devri	Tahvil	Servis Faktörü	Çıkış Momenti	Rad. Yük	Tip	
Power	Output Speeds	Ratio	Service Factor	Output Torque	Over Loads	Type	
Leistung	Abtriebswelle Drehzahlen	Übersetzung	Betriebsfaktor	Abtriebswelle Drehmomente	Querkräfte	Typ	
[kW] Hp	[r.p.m]			[Nm]	[N]		kg
22 30	46	30,128	1,64	4321	41600	İRKM İRKFM 123 / 180 L 4b	529 445 530 479
	52	26,917	1,84	3860	41000		
	58	24,150	1,98	3464	40400		
	64	21,739	2,20	3118	40100		
	67	20,829	2,20	2987	39700		
	76	18,513	2,50	2655	39500		
	85	16,540	2,80	2372	39000		
	94	14,840	3,20	2128	39000		
	105	13,358	3,50	1916	38300		
	116	12,056	3,60	1729	38100		
	128	10,904	3,70	1564	37700		
	142	9,875	3,70	1416	37300		
	156	8,952	3,70	1284	37000		
	172	8,120	3,80	1165	36400		
	42	33,531	0,84	4809	20900		
	62	22,629	1,29	3245	20900		
	68	20,604	1,42	2955	20900	İRKM İRKFM 103 / 180 L 4b	527 294 528 314
	74	18,809	1,56	2698	20750		
	79	17,797	1,64	2552	20650		
	87	16,014	1,70	2297	20550		
	97	14,478	1,77	2076	20500		
	107	13,139	1,97	1884	20500		
	117	11,963	2,20	1716	19900		
	128	10,921	2,30	1566	19900		
	140	9,992	2,30	1433	19800		
	153	9,158	2,40	1313	19800		
	181	7,724	2,50	1108	19750		
	197	7,102	2,60	1019	19650		
	214	6,533	2,70	937	19500		
	83	16,827	0,89	2413	12800	İRKM İRKFM 93 / 180 L 4b	525 243 526 256
	92	15,225	0,92	2184	12800		
	101	13,818	0,99	1982	12800		
	111	12,571	1,10	1803	12800		
	122	11,459	1,15	1643	12800		
	134	10,461	1,20	1500	13300		
	146	9,560	1,25	1371	13200		
	152	9,189	1,25	1318	13100		
	167	8,376	1,35	1201	13050		
	183	7,647	1,40	1097	13000		
	200	6,989	1,45	1002	13000		
	226	6,202	1,45	889	13000		
30 40	22	64,048	1,03	12526	64700	İRKM İRKFM 143 / 200 L 4c	531 629 532 677
	25	56,832	1,12	11115	64100		
	28	50,770	1,22	9929	63700		
	31	45,606	1,35	8919	63300		
	34	41,154	1,60	8049	62200		
	37	37,889	1,72	7410	61600		
	42	33,620	1,91	6575	60400		
	47	30,034	2,10	5874	59800		
	52	26,979	2,30	5276	58700		
	58	24,345	2,50	4761	58200		



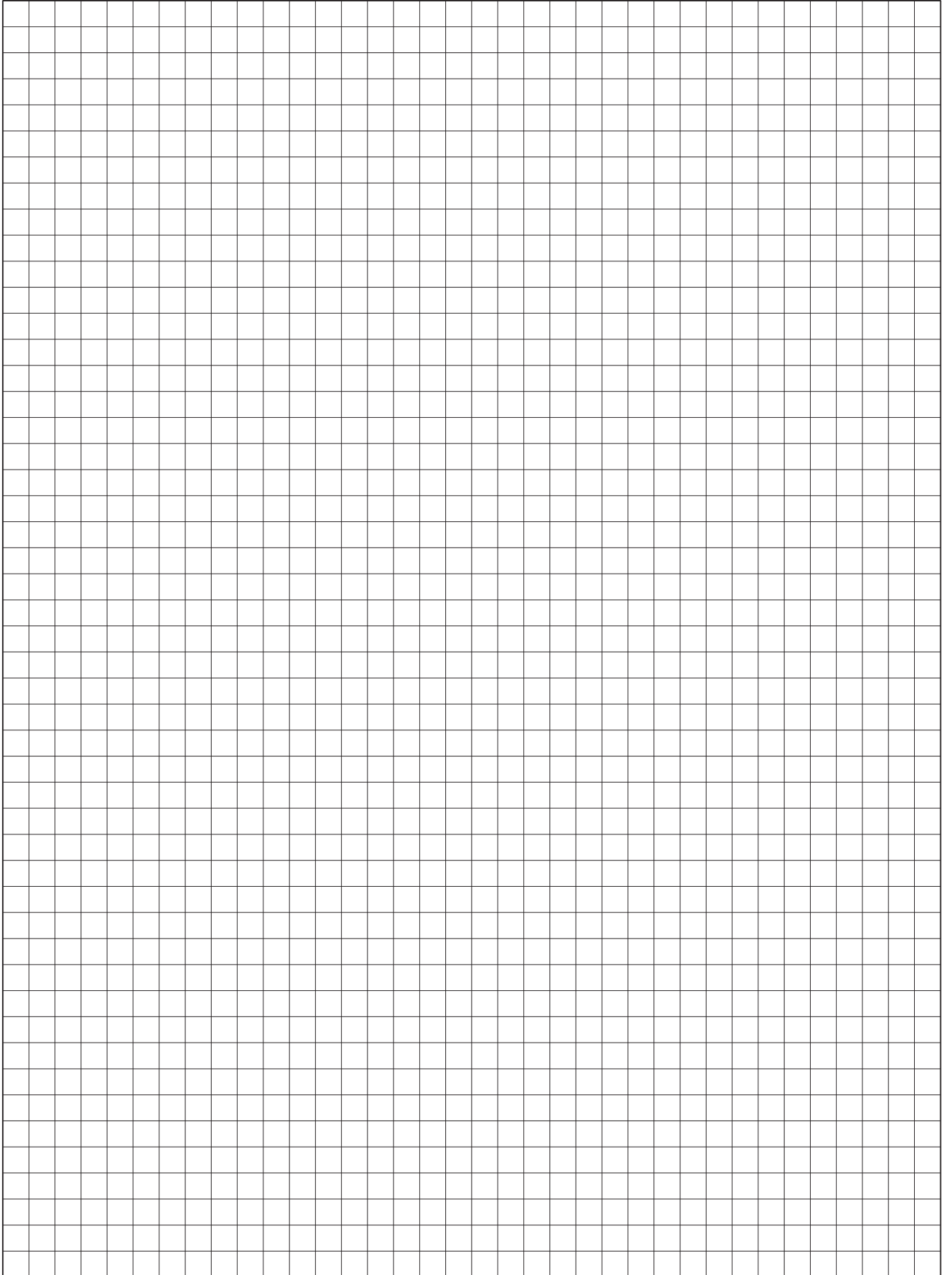
P ₁	n ₂	i	S _f	M ₂	F _{Q10}			Tip	
GÜÇ	Çıkış Devri	Tahvil	Servis Faktörü	Çıkış Momenti	Rad. Yük			Type	
Power	Output Speeds	Ratio	Service Factor	Output Torque	Over Loads			Typ	
Leistung	Abtriebswelle Drehzahlen	Übersetzung	Betriebsfaktor	Abtriebswelle Drehmomente	Querkräfte				
[kW] Hp	[r.p.m]			[Nm]	[N]				kg
30 40	62	22,639	2,70	4428	56650	İRKM İRKFM	143 / 200 L 4c	531	629
	69	20,429	3,10	3995	54350			532	677
	76	18,504	3,70	3619	53500	İRKM İRKFM	123 / 200 L 4c	529	500
	32	44,135	0,87	8632	38100			530	534
	35	39,597	0,95	7744	37600				
	41	33,897	1,05	6629	37000				
	46	30,128	1,20	5892	36400				
	52	26,917	1,35	5264	36100				
	58	24,150	1,45	4723	35700				
	64	21,739	1,65	4252	35500				
	67	20,829	1,67	4074	35000				
	76	18,513	1,85	3621	35000				
	85	16,540	2,10	3235	34300				
	94	14,840	2,30	2902	34100				
	105	13,358	2,60	2612	33700				
	116	12,056	2,70	2358	33300				
	128	10,904	2,70	2133	33000				
	142	9,875	2,70	1931	32400				
	156	8,952	2,70	1751	32000				
	172	8,120	2,80	1588	31150				
	97	14,478	1,30	2831	17250	İRKM İRKFM	103 / 200 L 4c	527	326
	107	13,139	1,40	2570	17200			528	346
	117	11,963	1,65	2340	17200				
	128	10,921	1,75	2136	17100				
	140	9,992	1,75	1954	17000				
	153	9,158	1,78	1791	17000				
	181	7,724	1,85	1511	17000				
	197	7,102	1,91	1389	16900				
	214	6,533	1,97	1278	16800				
37 50	34	41,154	1,30	9927	58550	İRKM İRKFM	143 / 225 S 4a	531	745
	37	37,889	1,40	9139	57950			532	793
	42	33,620	1,55	8109	56750				
	47	30,034	1,69	7244	56150				
	52	26,979	1,87	6507	55050				
	58	24,345	1,98	5872	54550				
	62	22,639	2,10	5461	53000				
	69	20,429	2,60	4928	50700				
	76	18,504	3,00	4463	49850				
	83	16,813	3,50	4055	49400				
	91	15,315	3,80	3694	48750				
	100	13,979	3,70	3372	48000				
	106	13,157	3,80	3174	47150				
	117	11,917	3,80	2874	46600				
	129	10,828	3,80	2612	45650				
	142	9,863	3,80	2379	44880				
	156	9,002	3,90	2171	44000				
	170	8,230	3,90	1985	43250				
	186	7,533	3,90	1817	42300				
	203	6,901	3,90	1665	41120				
	41	33,897	0,85	8176	34400	İRKM İRKFM	123 / 225 S 4a	529	535
	46	30,128	0,97	7267	34100			530	569
	52	26,917	1,09	6493	33700				



P ₁	n ₂	i	S _f	M ₂	F _{Q10}		
GÜÇ	Çıkış Devri	Tahvil	Servis Faktörü	Çıkış Momenti	Rad. Yük	Tip	
Power	Output Speeds	Ratio	Service Factor	Output Torque	Over Loads	Type	
Leistung	Abtriebswelle Drehzahlen	Übersetzung	Betriebsfaktor	Abtriebswelle Drehmomente	Querkräfte	Typ	
[kW] Hp	[r.p.m]			[Nm]	[N]		kg
37 50	58	24,150	1,18	5825	33500	İRKM İRKFM 123 / 225 S 4a	529 535 530 569
	64	21,739	1,34	5244	33000		
	67	20,829	1,35	5024	32300		
	76	18,513	1,50	4465	32100		
	85	16,540	1,70	3990	31700		
	94	14,840	1,90	3579	31300		
	105	13,358	2,10	3222	31000		
	116	12,056	2,20	2908	31000		
	128	10,904	2,20	2630	31000		
	142	9,875	2,20	2382	30400		
	156	8,952	2,20	2159	30000		
	172	8,120	2,30	1959	29150		
45 60	42	33,620	1,27	9863	54630	İRKM İRKFM 143 / 225 M 4c	531 790 532 838
	47	30,034	1,37	8811	54030		
	52	26,979	1,54	7914	52930		
	58	24,345	1,63	7142	52430		
	62	22,639	1,71	6641	50880		
	69	20,429	2,10	5993	48580		
	76	18,504	2,50	5428	47730		
	83	16,813	2,90	4932	47280		
	91	15,315	3,10	4493	46630		
	100	13,979	3,00	4101	45880		
	106	13,157	3,10	3860	45570		
	117	11,917	3,10	3496	45480		
	129	10,828	3,10	3176	44530		
	142	9,863	3,10	2893	43760		
	156	9,002	3,20	2641	42880		
	170	8,230	3,20	2414	42130		
	186	7,533	3,20	2210	41180		
	203	6,901	3,20	2024	40000		
	52	26,917	0,90	7896	32200	İRKM İRKFM 123 / 225 M 4c	529 580 530 614
	58	24,150	0,97	7085	32000		
	64	21,739	1,10	6377	31500		
	67	20,829	1,11	6110	30800		
	76	18,513	1,23	5431	30600		
	85	16,540	1,40	4852	30200		
	94	14,840	1,56	4353	29800		
	105	13,358	1,73	3919	29500		
	116	12,056	1,77	3537	28900		
	128	10,904	1,81	3199	28500		
	142	9,875	1,81	2897	27650		
	156	8,952	1,81	2626	27200		
	172	8,120	1,85	2382	26700		
55 75	52	26,979	1,26	9673	52000	İRKM İRKFM 143 / C225 M 4	531 830 532 878
	62	22,639	1,45	8117	50000		
	58	24,345	1,34	8729	51510	İRKM İRKFM 143 / 250 M 4c	531 870 532 918
	69	20,429	1,72	7325	47660		
	76	18,504	2,00	6635	46810		
	83	16,813	2,40	6028	46360		
	91	15,315	2,60	5491	45710		
	100	13,979	2,50	5012	44960		
	106	13,157	2,60	4717	44650		

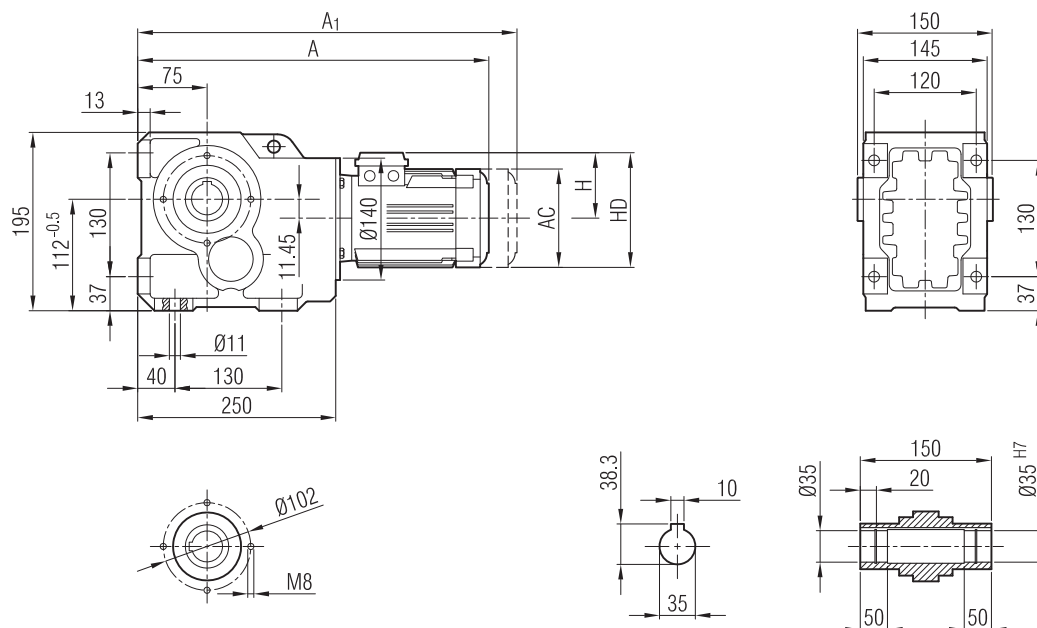


P ₁	n ₂	i	S _f	M ₂	F _{Q10}			
GÜÇ	Çıkış Devri	Tahvil	Servis Faktörü	Çıkış Momenti	Rad. Yük	Tip		
Power	Output Speeds	Ratio	Service Factor	Output Torque	Over Loads	Type		
Leistung	Abtriebswelle Drehzahlen	Übersetzung	Betriebsfaktor	Abtriebswelle Drehmomente	Querkkräfte	Typ		
[kW] Hp	[r.p.m]			[Nm]	[N]			kg
55 75	117	11,917	2,60	4273	44560	İRKM İRKFM	143 / 250 M 4c	531 870 532 918
	129	10,828	2,60	3882	43610			
	142	9,863	2,60	3536	42840			
	156	9,002	2,60	3228	41960			
	170	8,230	2,60	2951	41210			
	186	7,533	2,60	2701	40260			
	203	6,901	2,60	2474	39080			
75 100	69	20,429	1,26	9988	47660	İRKM İRKFM	143 / 280 S 4	531 1000 532 1048
	76	18,504	1,48	9047	46810			
	83	16,813	1,74	8220	46360			
	91	15,315	1,88	7488	45710			
	100	13,979	1,82	6835	44960			
	106	13,157	1,88	6433	44650			
	117	11,917	1,88	5827	44560			
	129	10,828	1,88	5294	43610			
	142	9,863	1,88	4822	42840			
	156	9,002	1,92	4401	41960			
	170	8,230	1,92	4024	41210			
	186	7,533	1,92	3683	40260			
	203	6,901	1,92	3374	39080			
90 120	83	16,813	1,45	9864	43870	İRKM İRKFM	143 / 280 M 4	531 1080 532 1128
	91	15,315	1,56	8986	43220			
	100	13,979	1,52	8202	42470			
	106	13,157	1,56	7719	42160			
	117	11,917	1,56	6992	42070			
	129	10,828	1,56	6353	41120			
	142	9,863	1,56	5787	40350			
	156	9,002	1,60	5282	39470			
	170	8,230	1,60	4829	38720			
	186	7,533	1,60	4420	37770			
	203	6,901	1,60	4049	36590			

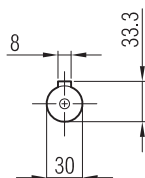
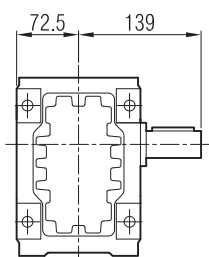




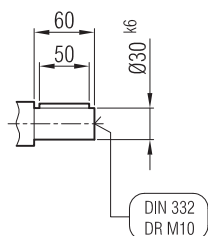
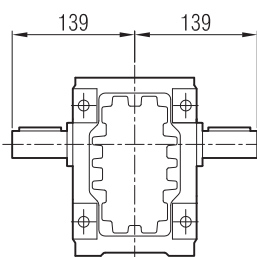
İRKM 63



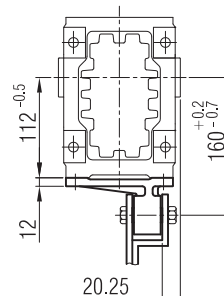
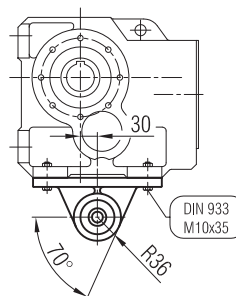
... -01



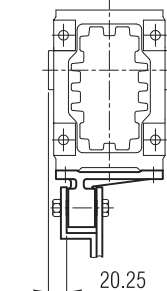
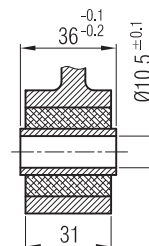
... -02



... -LT



... -RT



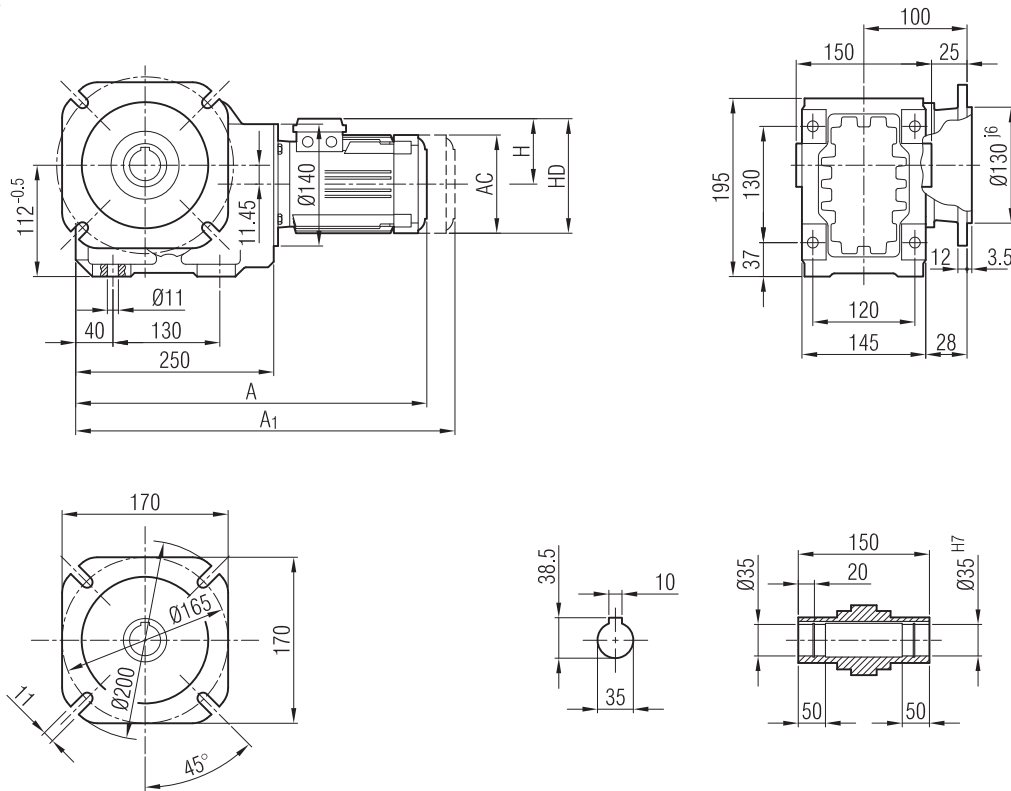
	56	63	71	80	90 S	90 L	100									
A		482	469	499	520	545	576									
A ₁		540	542	582	605	630	678									
H		99	111	118	132	132	141									
HD		162	182	198	222	222	241									
AC		123	138	158	193	193	217									

"A₁" Ölçüsü Frenli Motorlar içindir.
Dimension "A₁" is for motors with brake
Maß "A₁" ist für Motoren mit Bremse

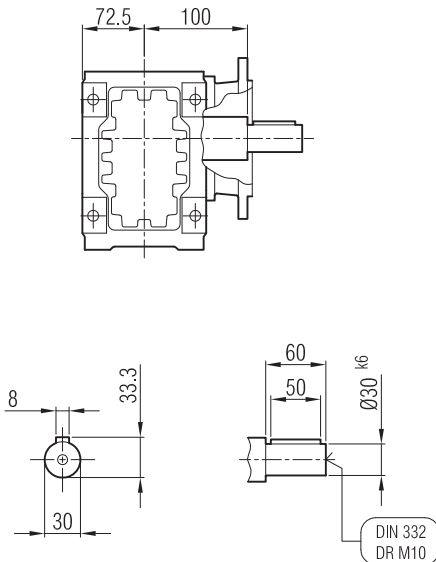




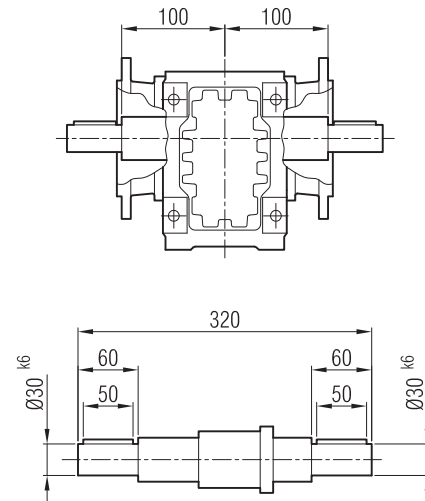
İRKFM 63



... -01



... -02



	56	63	71	80	90 S	90 L	100									
A		482	469	499	520	545	576									
A ₁		540	542	582	605	630	678									
H		99	111	118	132	132	141									
HD		162	182	198	222	222	241									
AC		123	138	158	193	193	217									

"A₁" Ölçüsü Frenli Motorlar içindir.

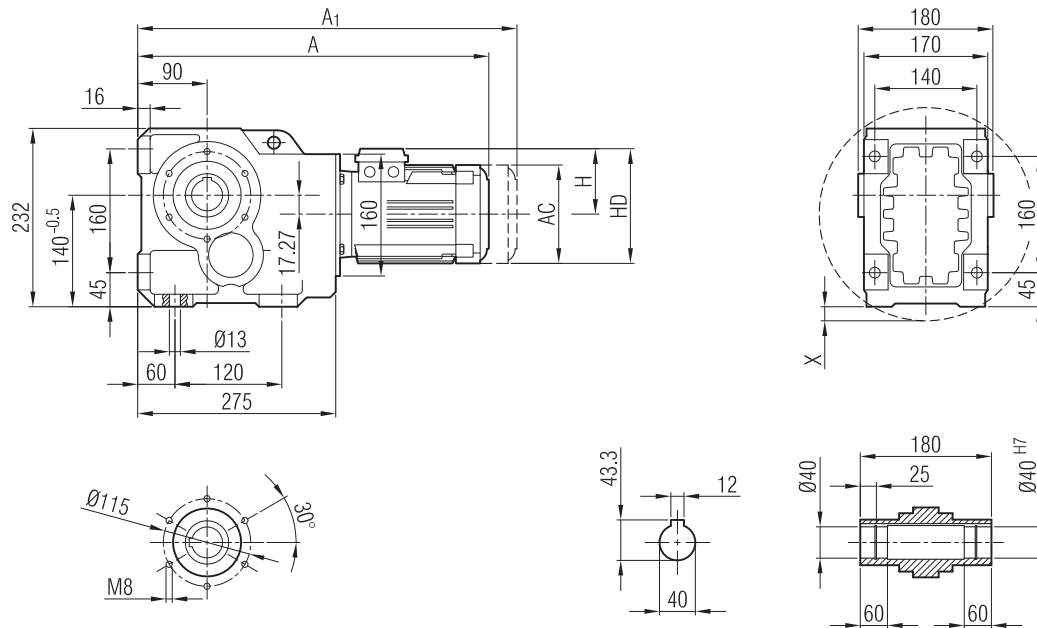
Dimension "A₁" is for motors with brake

Maß "A₁" ist für Motoren mit Bremse

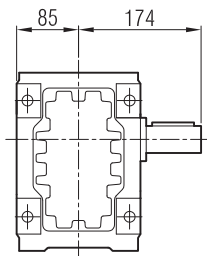




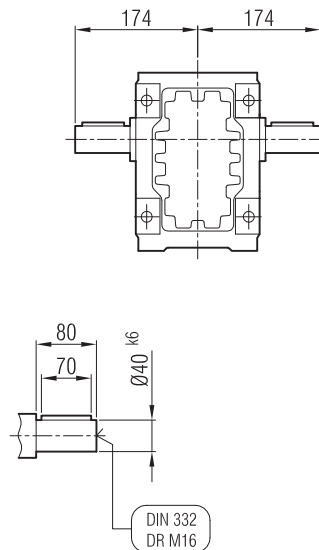
İRKM 73



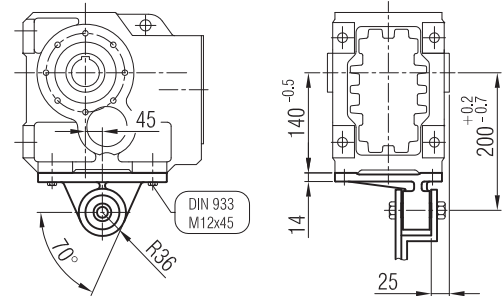
... -01



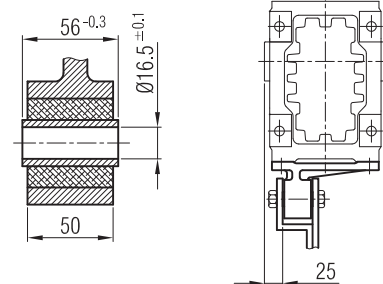
... -02



... -LT



... -RT



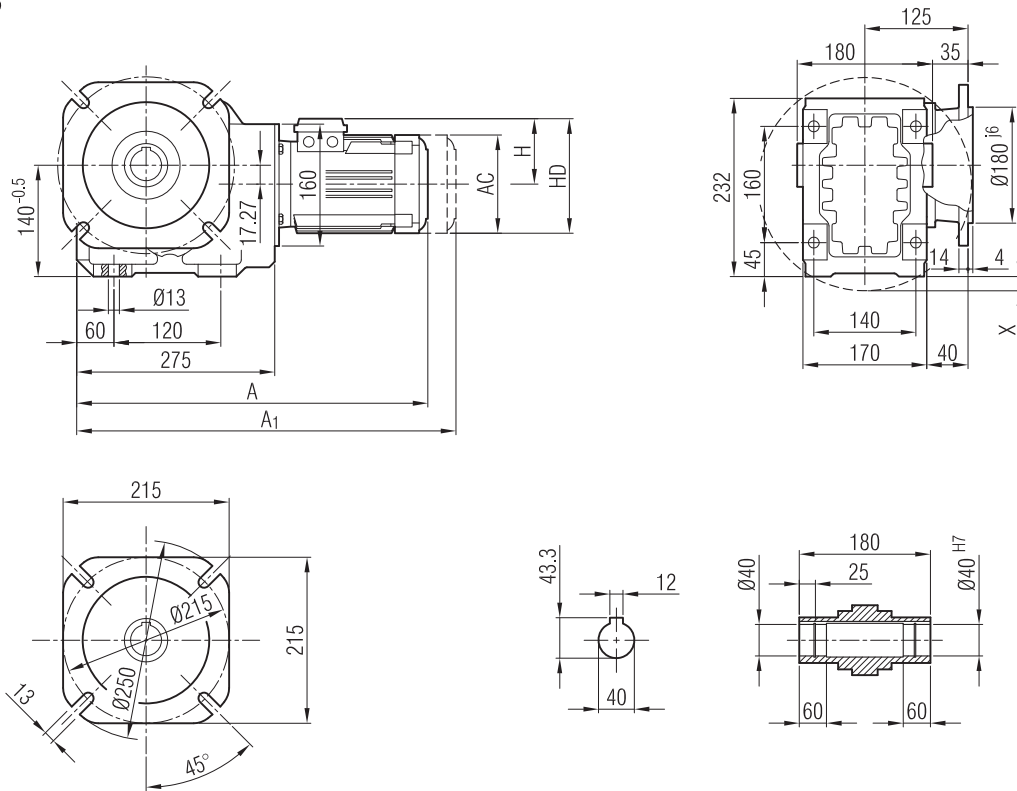
	56	63	71	80	90 S	90 L	100	112	132 S							
A		508	487	517	541	566	608	629	729							
A ₁		565	548	578	600	620	671	709	-							
H		99	111	118	132	132	141	149	182							
HD		162	182	198	222	222	241	261	314							
AC		123	138	158	193	193	217	232	279							
X		-	-	-	-	-	-	-	9.27							

"A₁" Ölçüsü Frenli Motorlar içindir.
Dimension "A₁" is for motors with brake
Maß "A₁" ist für Motoren mit Bremse

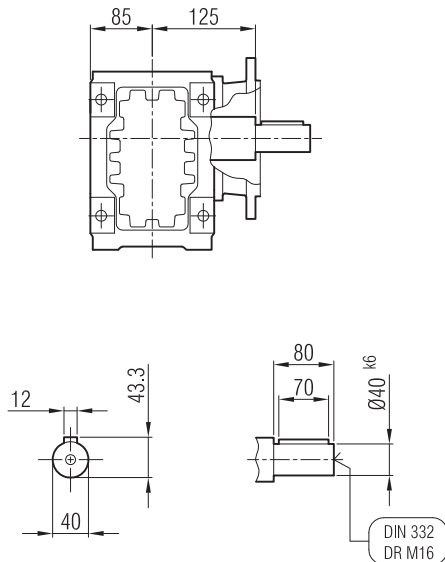




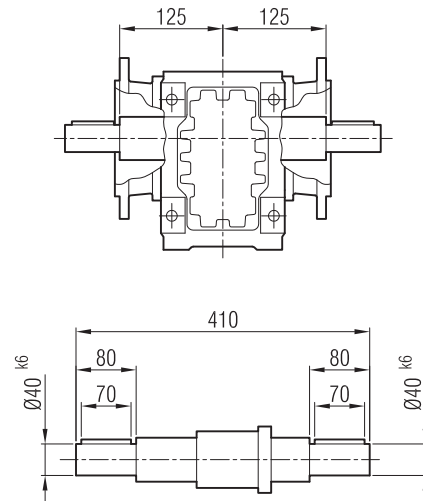
İRKFM 73



... -01



... -02



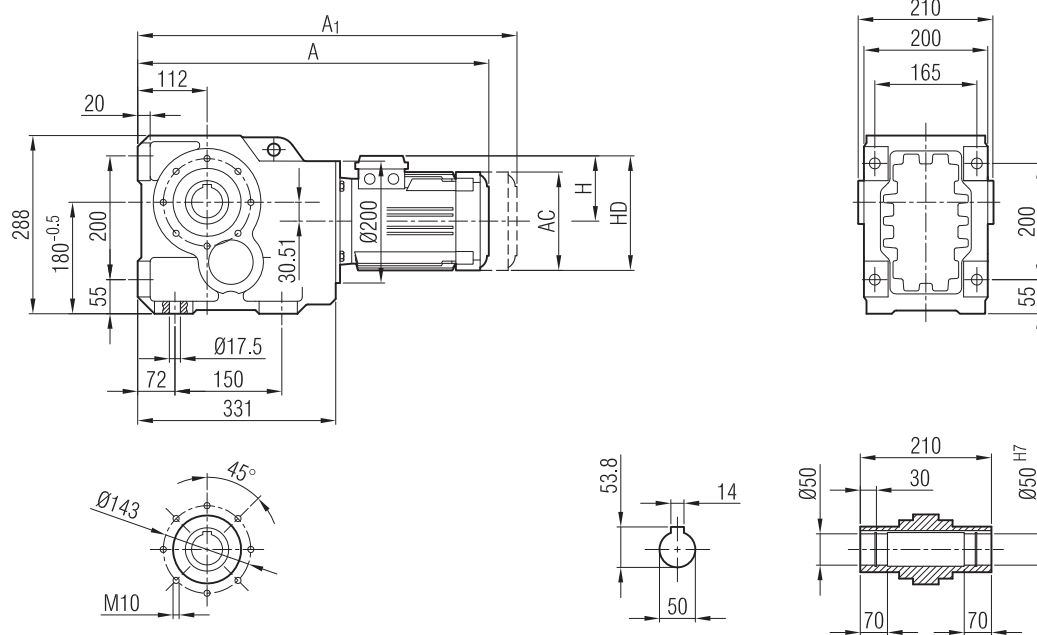
	56	63	71	80	90 S	90 L	100	112	132 S							
A		508	487	517	541	566	608	629	729							
A ₁		565	548	578	600	620	671	709	-							
H		99	111	118	132	132	141	149	182							
HD		162	182	198	222	222	241	261	314							
AC		123	138	158	193	193	217	232	279							
X		-	-	-	-	-	-	-	27.5							

"A₁" Ölçüsü Frenli Motorlar içindir.
Dimension "A₁" is for motors with brake
Maß "A₁" ist für Motoren mit Bremse

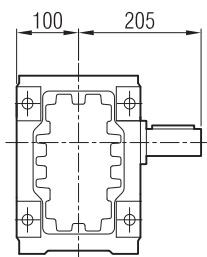




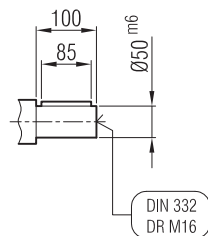
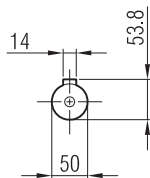
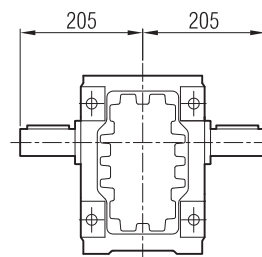
İRKM 83



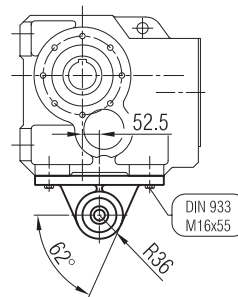
... -01



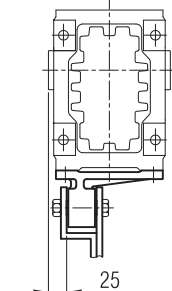
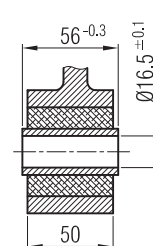
... -02



... -LT



... -RT



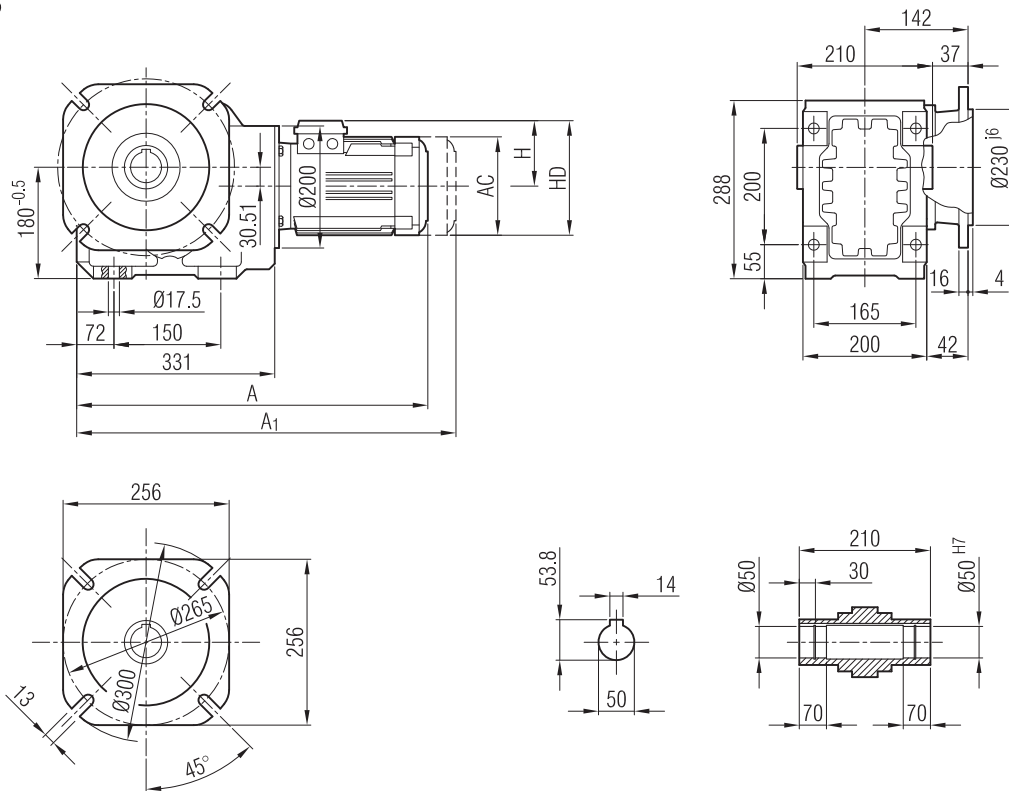
	56	63	71	80	90 S	90 L	100	112	132 S	132 M						
A			534	565	589	614	656	675	721	767						
A ₁			607	648	674	699	758	800	863	909						
H			111	118	132	132	141	149	182	182						
HD			182	198	222	222	241	261	314	314						
AC			138	158	193	193	217	232	279	279						

"A₁" Ölçüsü Frenli Motorlar içindir.
Dimension "A₁" is for motors with brake
Maß "A₁" ist für Motoren mit Bremse

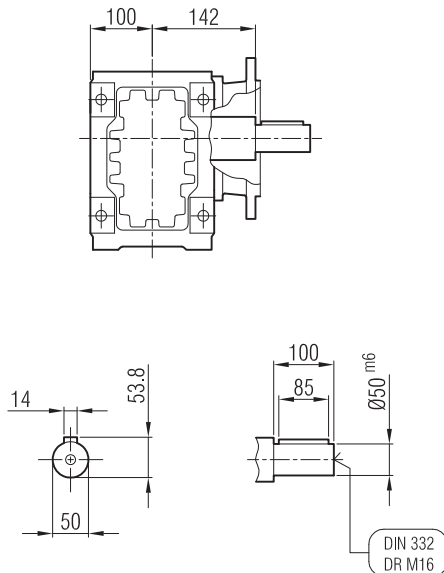




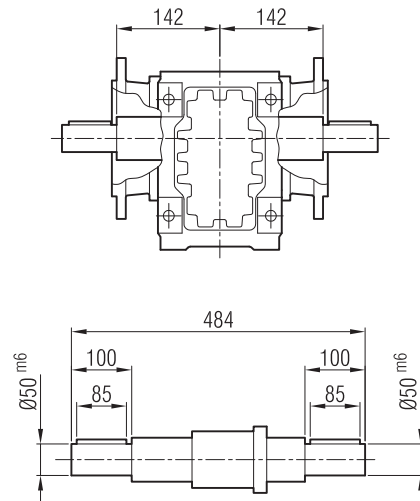
İRKF 83



... -01



... -02



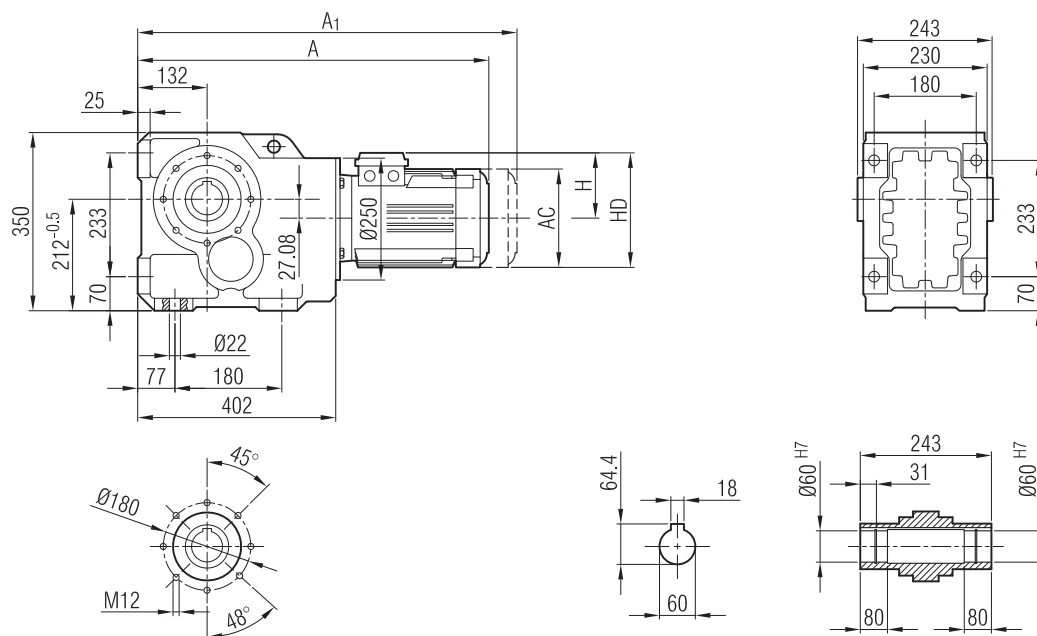
	56	63	71	80	90 S	90 L	100	112	132 S	132 M						
A			534	565	589	614	656	675	721	767						
A ₁			607	648	674	699	758	800	863	909						
H			111	118	132	132	141	149	182	182						
HD			182	198	222	222	241	261	314	314						
AC			138	158	193	193	217	232	279	279						

"A₁" Ölçüsü Frenli Motorlar içindir.
Dimension "A₁" is for motors with brake
Maß "A₁" ist für Motoren mit Bremse

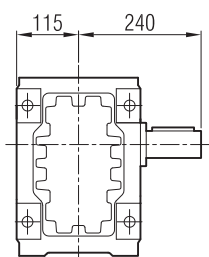




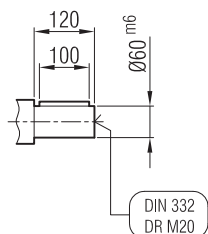
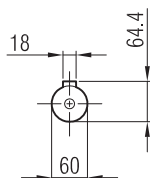
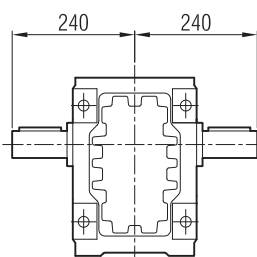
İRKM 93



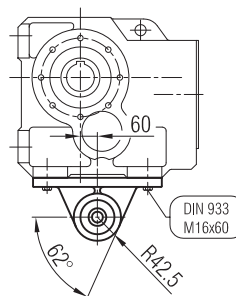
... -01



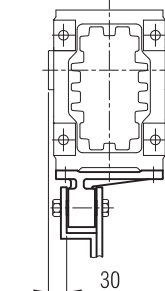
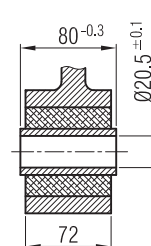
... -02



... -LT



... -RT



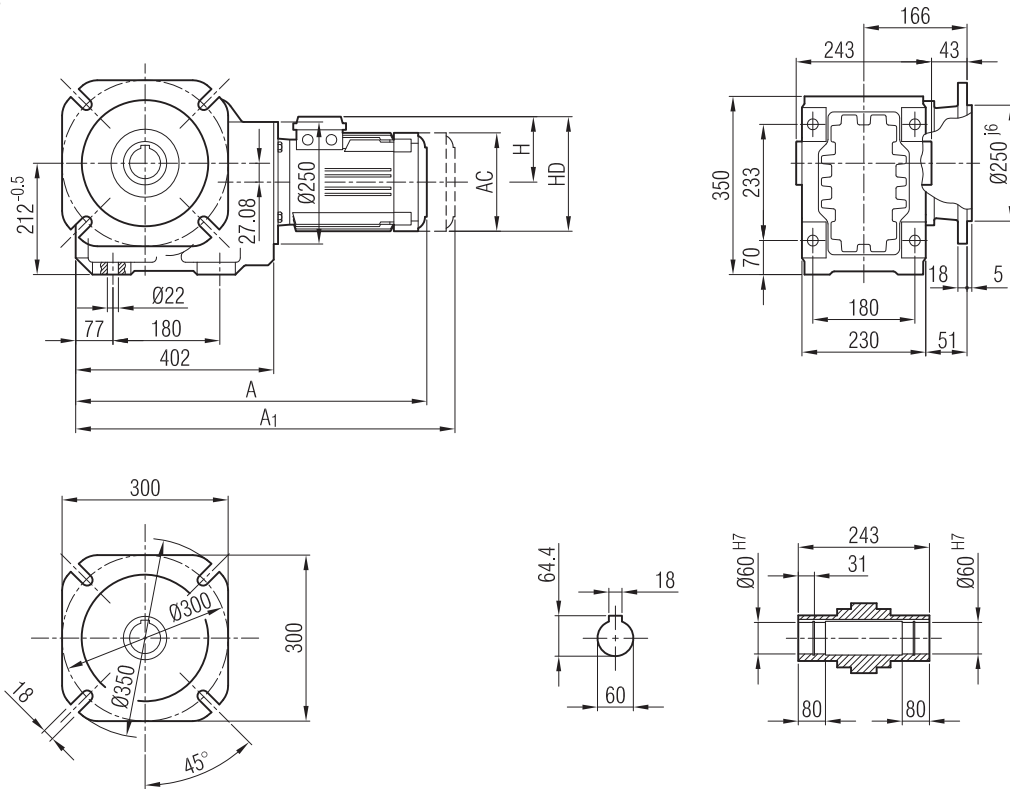
	56	63	71	80	90 S	90 L	100	112	132 S	132 M	160 M	160 L	180 M	180 L			
A				627	648	673	716	738	789	835	905	944	956	994			
A ₁				710	733	758	818	863	931	977	1095	1134	1151	1189			
H				118	132	132	141	149	182	182	225	225	248	248			
HD				198	222	222	241	261	314	314	385	385	428	428			
AC				158	193	193	217	232	279	279	325	325	370	370			

"A₁" Ölçüsü Frenli Motorlar içindir.
 Dimension "A₁" is for motors with brake
 Maß "A₁" ist für Motoren mit Bremse

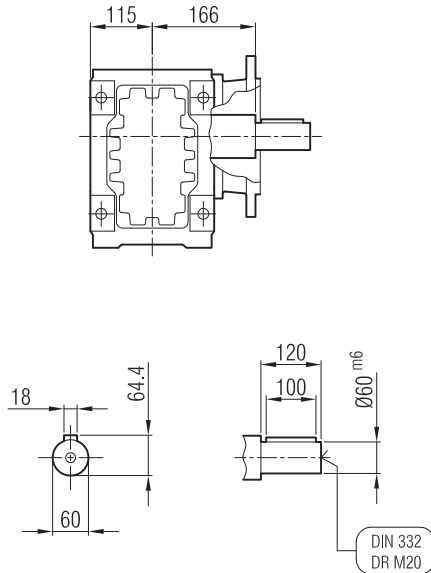




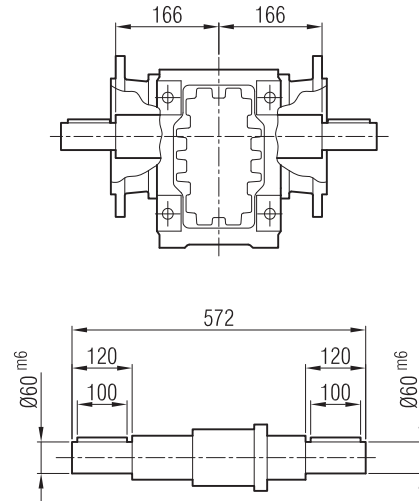
İRKF 93



... -01



... -02



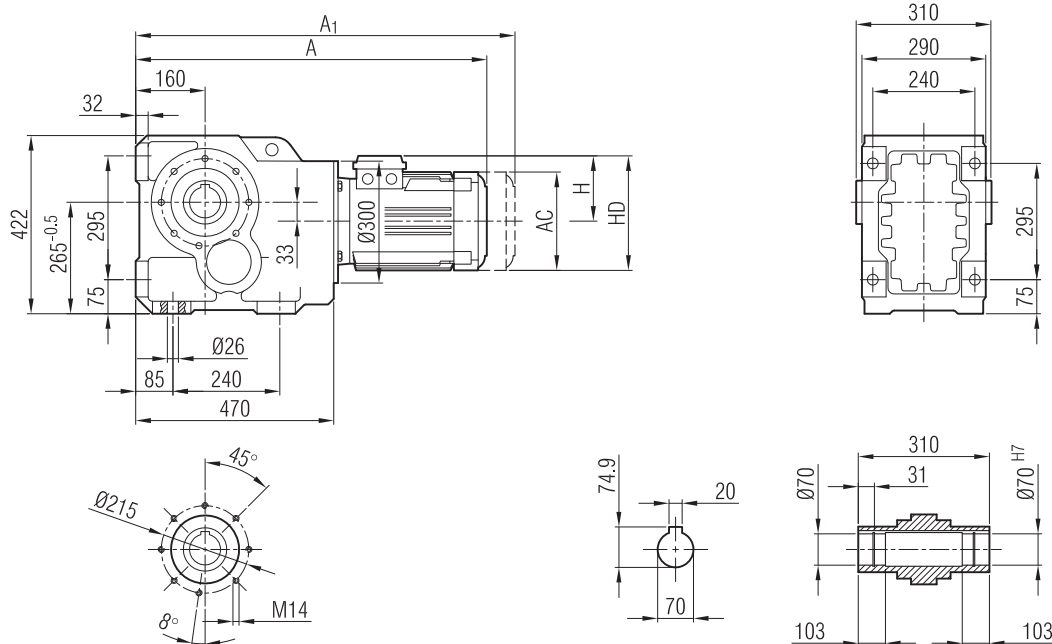
	56	63	71	80	90 S	90 L	100	112	132 S	132 M	160 M	160 L	180 M	180 L			
A				627	648	673	716	738	789	835	905	944	956	994			
A ₁				710	733	758	818	863	931	977	1095	1134	1151	1189			
H				118	132	132	141	149	182	182	225	225	248	248			
HD				198	222	222	241	261	314	314	385	385	428	428			
AC				158	193	193	217	232	279	279	325	325	370	370			

"A₁" Ölçüsü Frenli Motorlar içindir.
Dimension "A₁" is for motors with brake
Maß "A₁" ist für Motoren mit Bremse

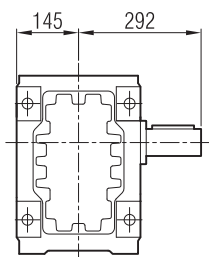




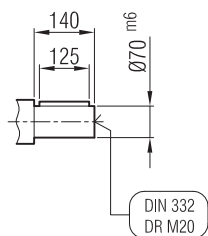
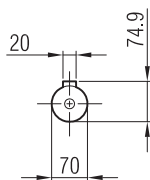
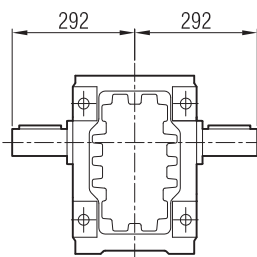
İRKM 103



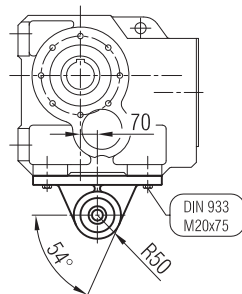
... -01



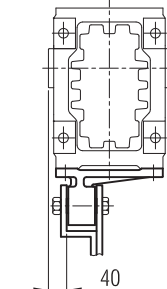
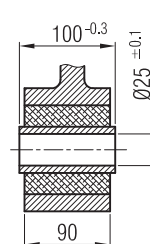
... -02



... -LT



... -RT



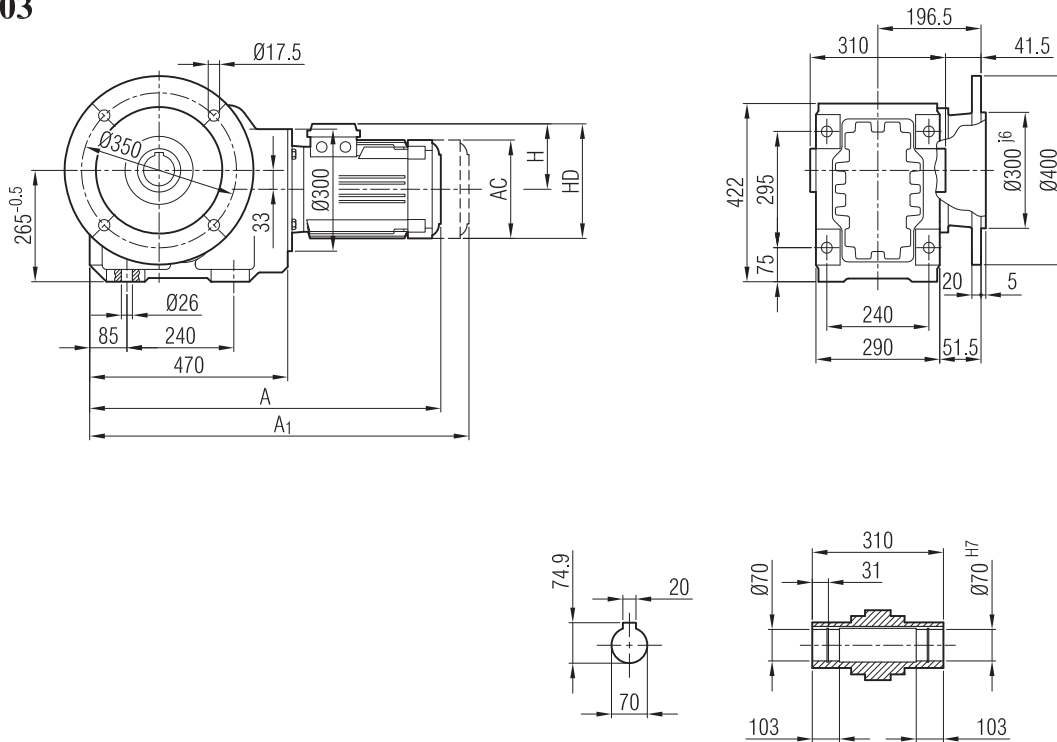
	56	63	71	80	90 S	90 L	100	112	132 S	132 M	160 M	160 L	180 M	180 L	200		
A					801	826	772	795	842	888	975	1019	1033	1071	1110		
A ₁					886	911	874	920	984	1030	1165	1209	1228	1266	-		
H					132	132	141	149	182	182	225	225	248	248	275		
HD					222	222	241	261	314	314	385	385	428	428	425		
AC					193	193	217	232	279	279	325	325	370	370	415		

"A₁" Ölçüsü Frenli Motorlar içindir.
 Dimension "A₁" is for motors with brake
 Maß "A₁" ist für Motoren mit Bremse

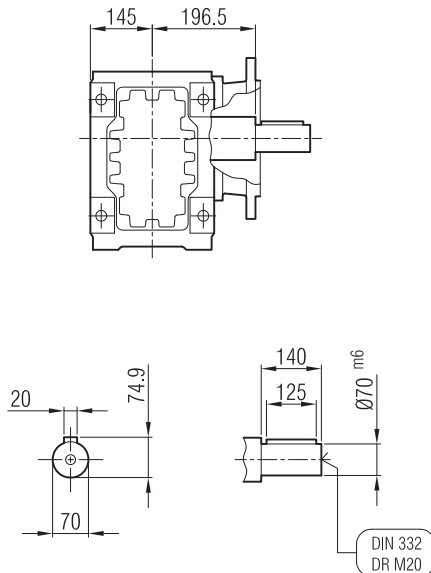




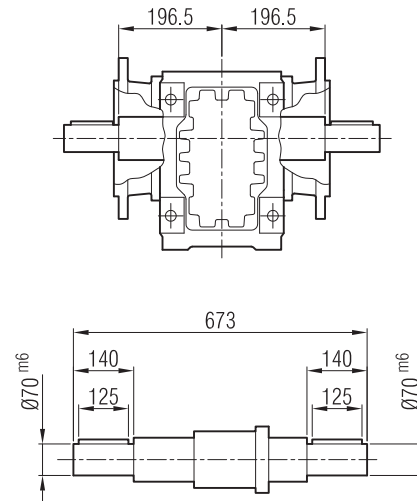
İRKF 103



... -01



... -02



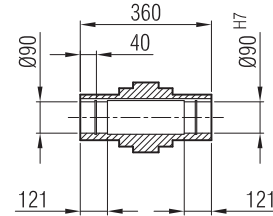
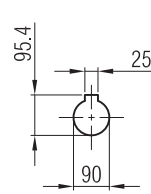
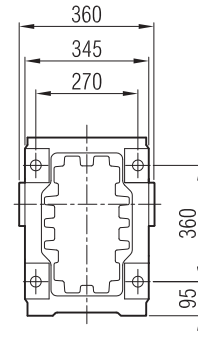
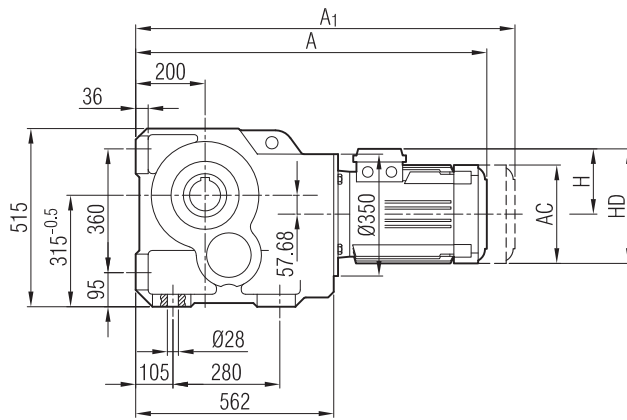
	56	63	71	80	90 S	90 L	100	112	132 S	132 M	160 M	160 L	180 M	180 L	200		
A					801	826	772	795	842	888	975	1019	1033	1071	1110		
A ₁					886	911	874	920	984	1030	1165	1209	1228	1266	-		
H					132	132	141	149	182	182	225	225	248	248	275		
HD					222	222	241	261	314	314	385	385	428	428	425		
AC					193	193	217	232	279	279	325	325	370	370	415		

"A₁" Ölçüsü Frenli Motorlar içindir.
Dimension "A₁" is for motors with brake
Maß "A₁" ist für Motoren mit Bremse

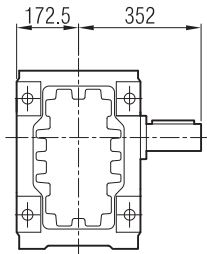




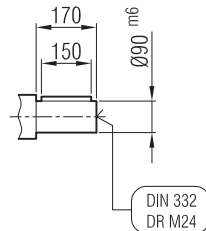
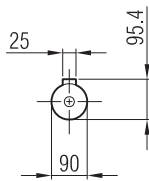
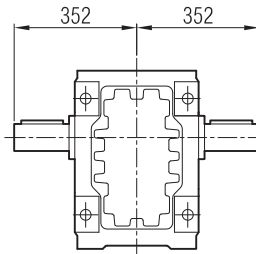
İRKM 123



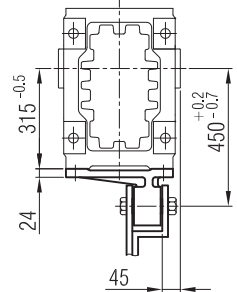
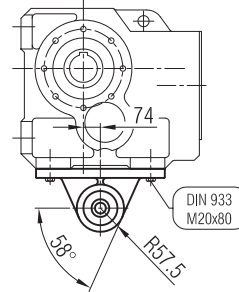
... -01



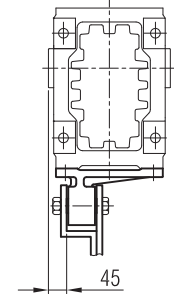
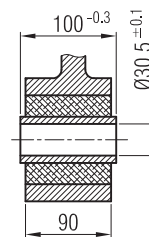
... -02



... -LT



... -RT



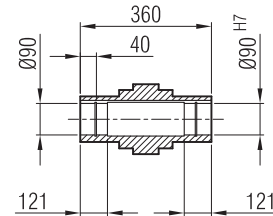
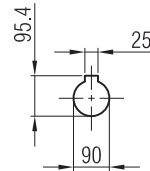
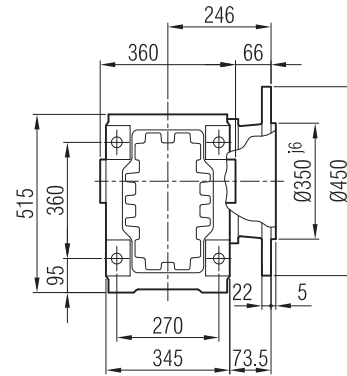
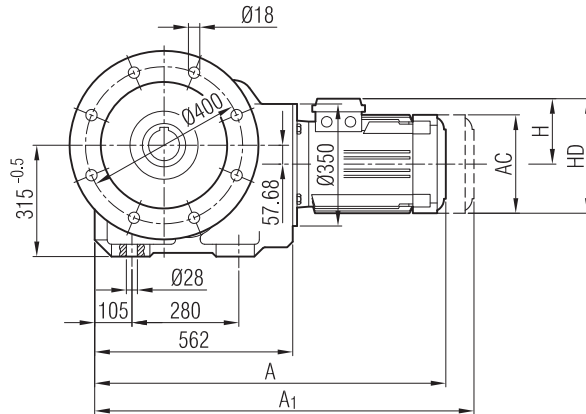
	56	63	71	80	90 S	90 L	100	112	132 S	132 M	160 M	160 L	180 M	180 L	200	225 S	225 M
A							864	886	925	971	1055	1085	1114	1152	1204	1234	1236
A ₁							966	1011	1067	1113	1245	1275	1309	1347	-	-	-
H							141	149	182	182	225	225	248	248	275	285	285
HD							241	261	314	314	385	385	428	428	425	510	510
AC							217	232	279	279	325	325	370	370	415	456	456

"A₁" Ölçüsü Frenli Motorlar içindir.
Dimension "A₁" is for motors with brake
Maß "A₁" ist für Motoren mit Bremse

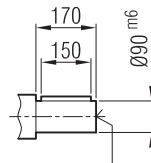
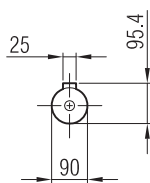
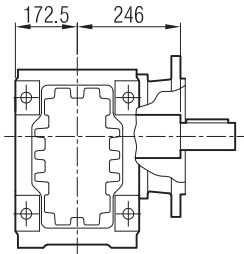




İRKF 123

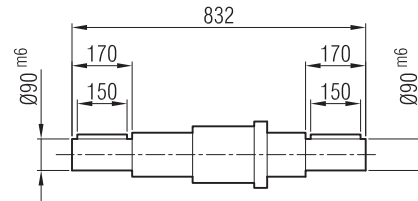
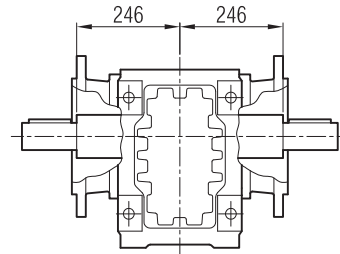


... -01



DIN 332
DR M24

... -02



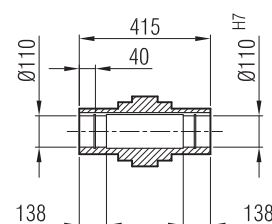
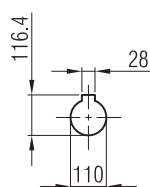
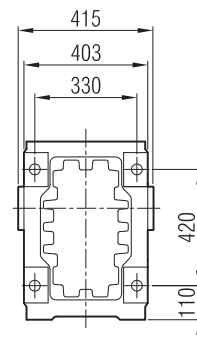
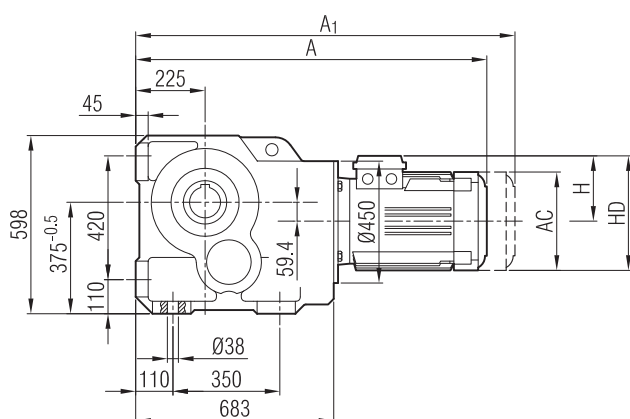
	56	63	71	80	90 S	90 L	100	112	132 S	132 M	160 M	160 L	180 M	180 L	200	225 S	225 M
A							864	886	925	971	1055	1085	1114	1152	1204	1234	1236
A ₁							966	1011	1067	1113	1245	1275	1309	1347	-	-	-
H							141	149	182	182	225	225	248	248	275	285	285
HD							241	261	314	314	385	385	428	428	425	510	510
AC							217	232	279	279	325	325	370	370	415	456	456

"A₁" Ölçüsü Frenli Motorlar içindir.
Dimension "A₁" is for motors with brake
Maß "A₁" ist für Motoren mit Bremse

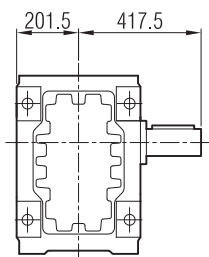




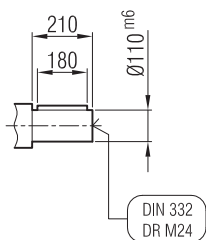
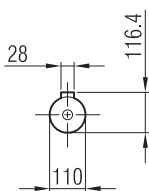
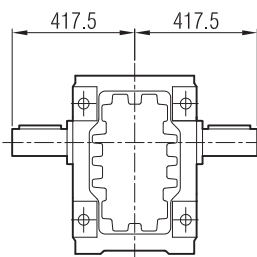
İRMK 143



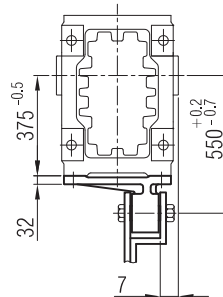
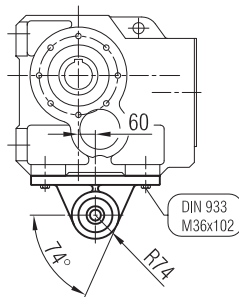
... -01



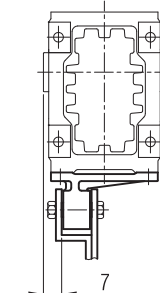
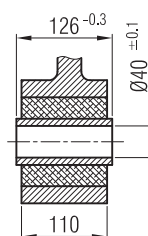
... -02



... -LT



... -RT



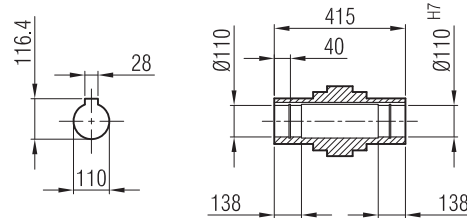
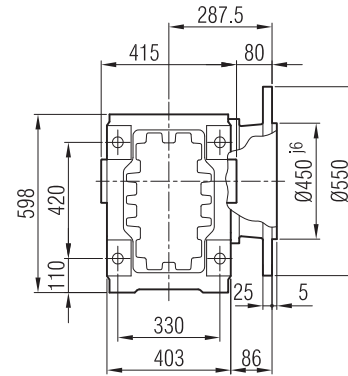
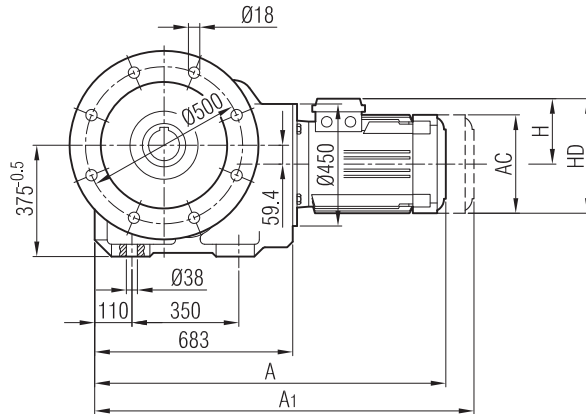
	80	90 S	90 L	100	112	132 S	132 M	160 M	160 L	180 M	180 L	200	225 S	225 M	250	280 S	280 M
A					1072	1038	1084	1161	1205	1221	1259	1309	1341	1366	1443	1454	1505
A ₁					1197	896	942	971	1015	1026	1064	-	-	-	-	-	-
H					149	182	182	225	225	248	248	275	285	285	322	350	350
HD					261	314	314	385	385	428	428	475	510	510	572	630	630
AC					232	279	279	323	323	370	370	415	456	456	480	544	544

"A₁" Ölçüsü Frenli Motorlar içindir.
Dimension "A₁" is for motors with brake
Maß "A₁" ist für Motoren mit Bremse

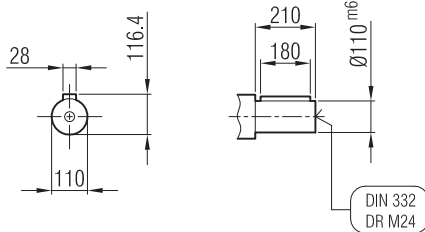
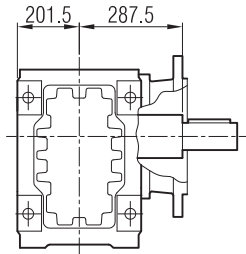




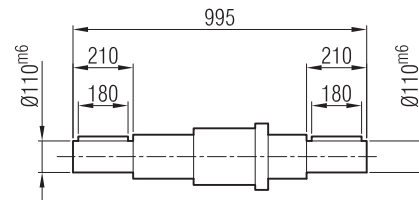
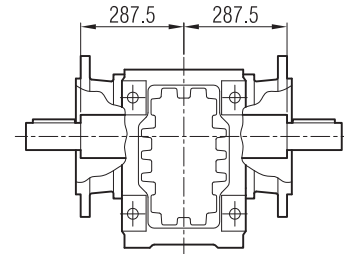
İRKFM 143



... -01



... -02



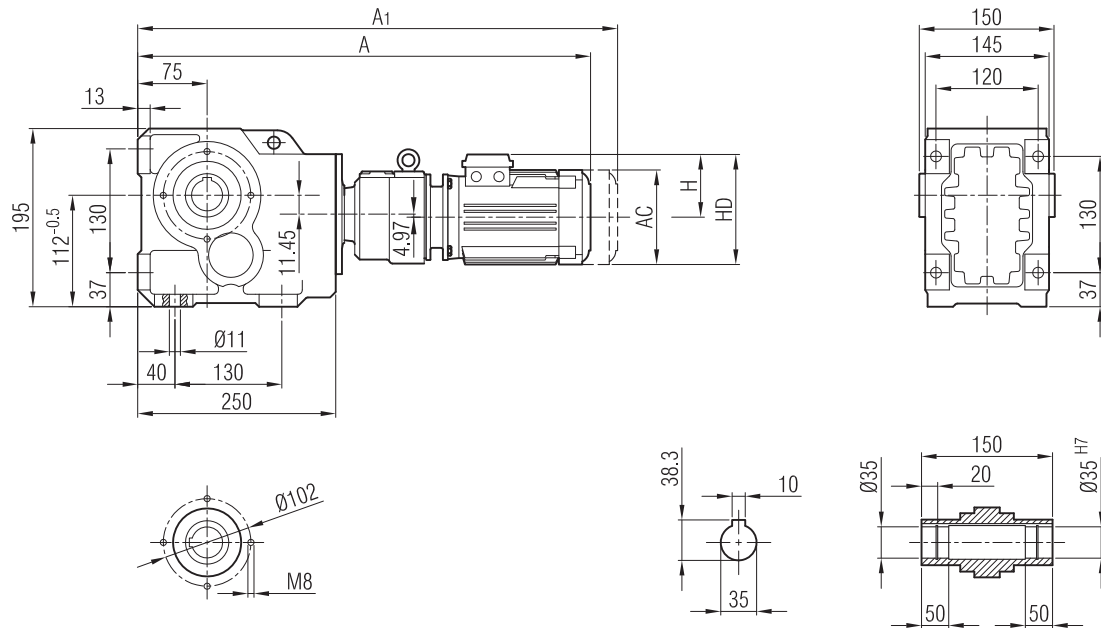
	80	90 S	90 L	100	112	132 S	132 M	160 M	160 L	180 M	180 L	200	225 S	225 M	250	280 S	280 M
A					1072	1038	1084	1161	1205	1221	1259	1309	1341	1366	1443	1454	1505
A ₁					1197	896	942	971	1015	1026	1064	-	-	-	-	-	-
H					149	182	182	225	225	248	248	275	285	285	322	350	350
HD					261	314	314	385	385	428	428	475	510	510	572	630	630
AC					232	279	279	323	323	370	370	415	456	456	480	544	544

"A₁" Ölçüsü Frenli Motorlar içindir.
Dimension "A₁" is for motors with brake
Maß "A₁" ist für Motoren mit Bremse

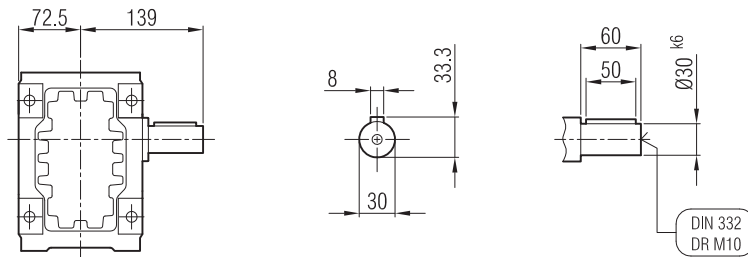




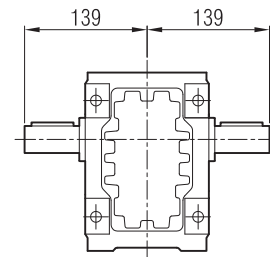
İRKM 63 İR 52



... -01



... -02



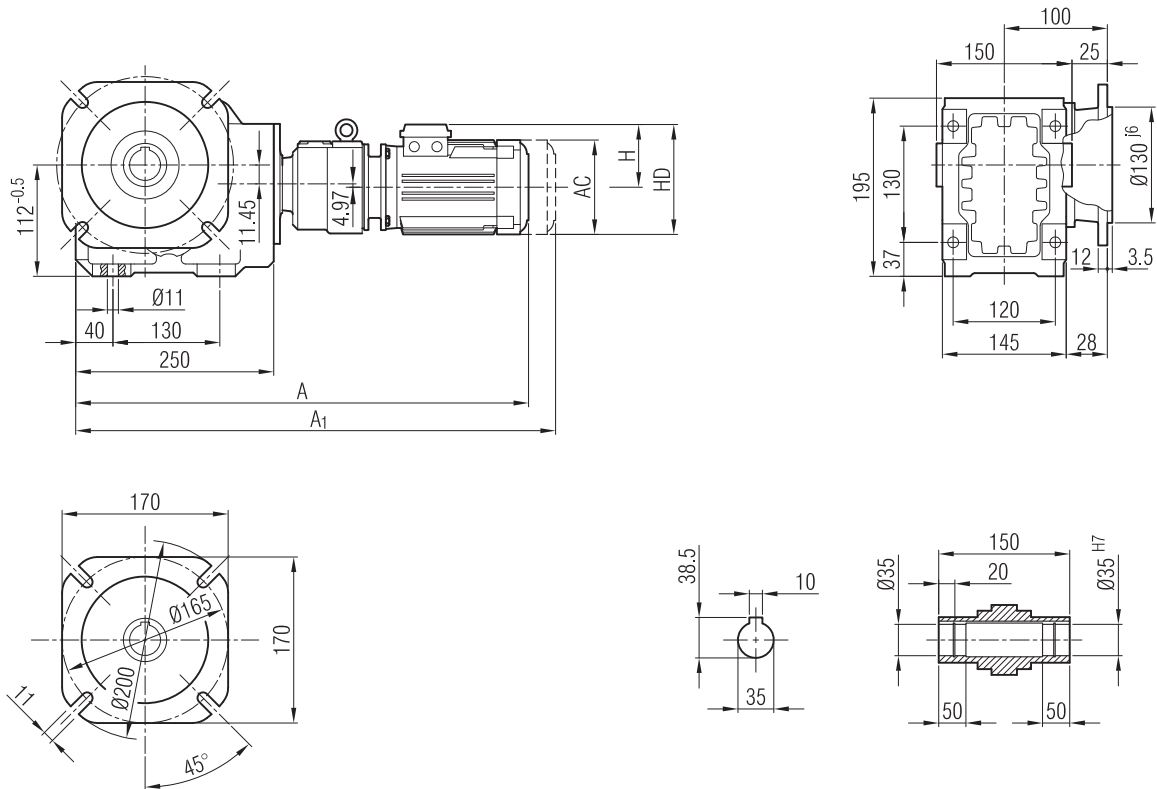
	56	63	71													
A		631	616													
A ₁		689	678													
H		99	111													
HD		162	182													
AC		123	138													

"A₁" Ölçüsü Frenli Motorlar içindir.
Dimension "A₁" is for motors with brake
Maß "A₁" ist für Motoren mit Bremse

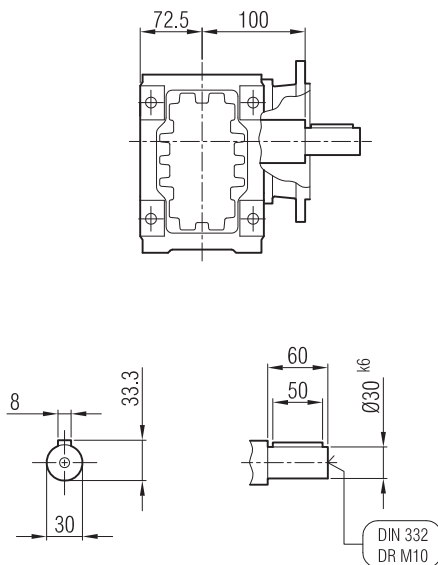




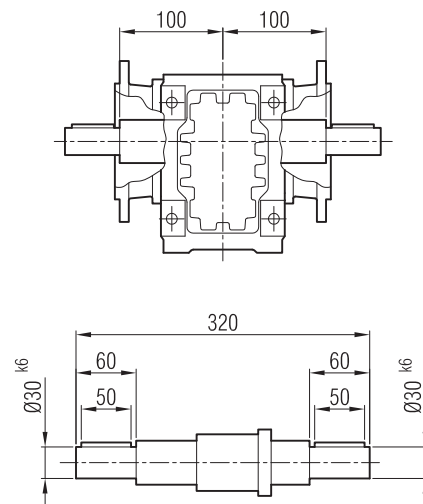
İRKFM 63 İR 52



...-01



...-02

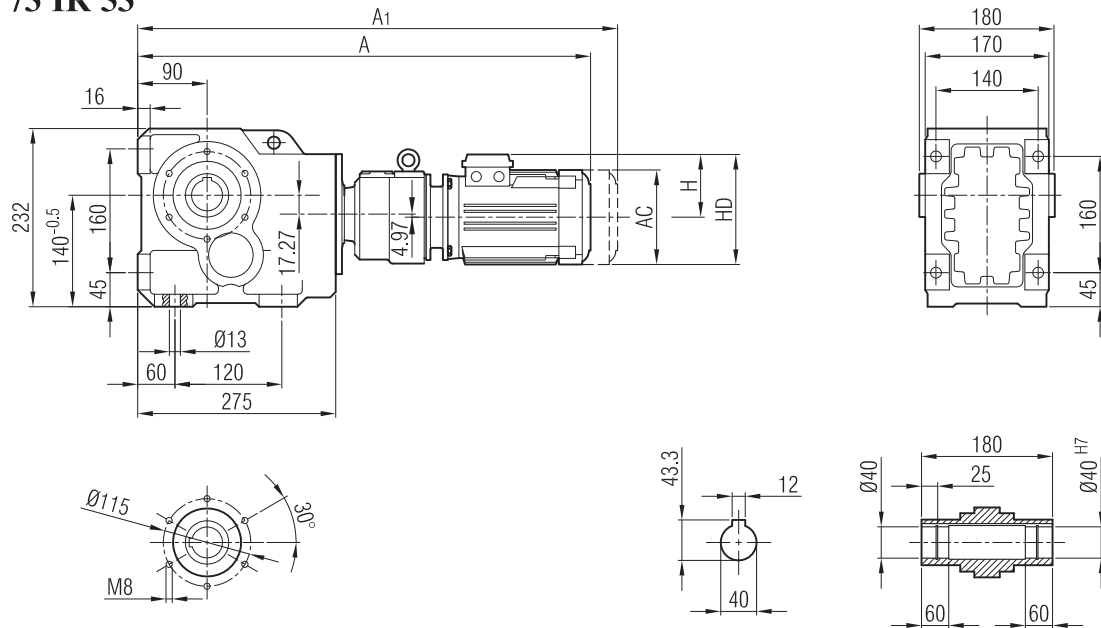
[illegible]

"A1" Ölçüsü Frenli Motorlar içindir.
Dimension "A1" is for motors with brake
Maß "A1" ist für Motoren mit Bremse

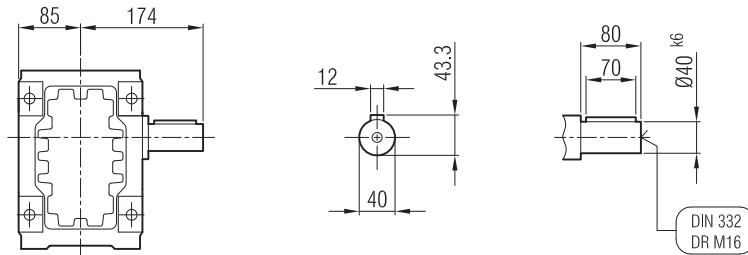




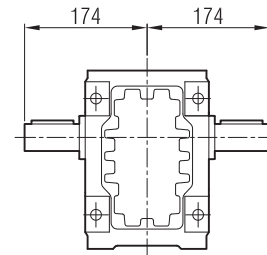
İRKM 73 İR 52 İRKM 73 İR 53



... -01



... -02



	56	63	71	80											
A		670	658	688											
A ₁		728	719	631											
H		99	111	118											
HD		162	182	198											
AC		123	138	158											

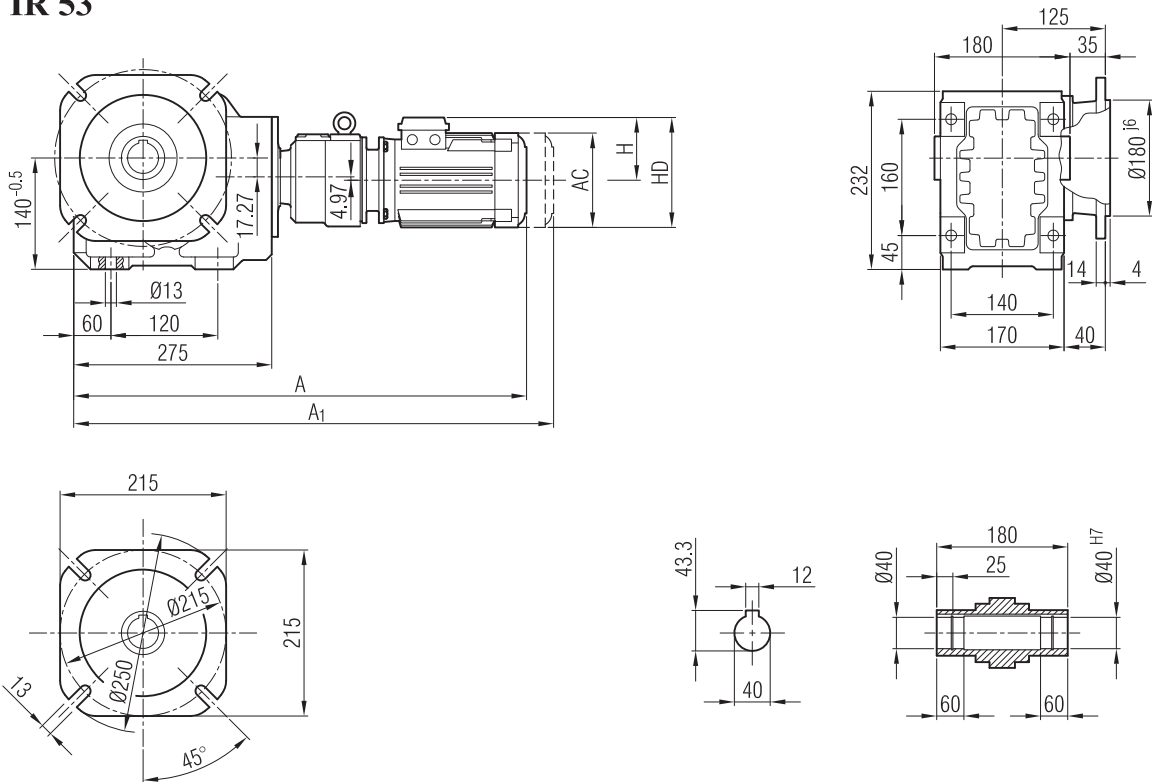
"A₁" Ölçüsü Frenli Motorlar içindir.
Dimension "A₁" is for motors with brake
Maß "A₁" ist für Motoren mit Bremse



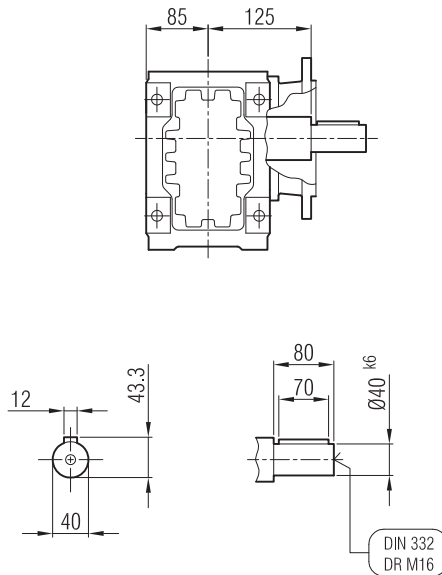


İRKFM 73 İR 52

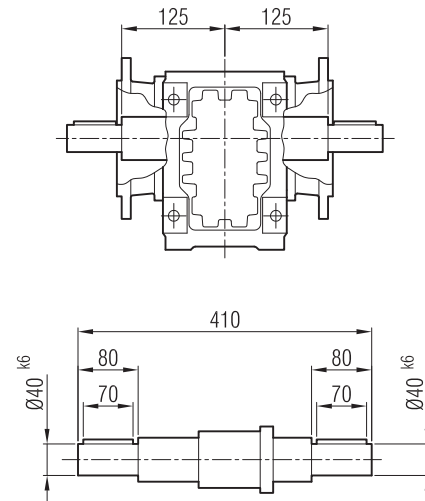
İRKFM 73 İR 53



... -01



... -02



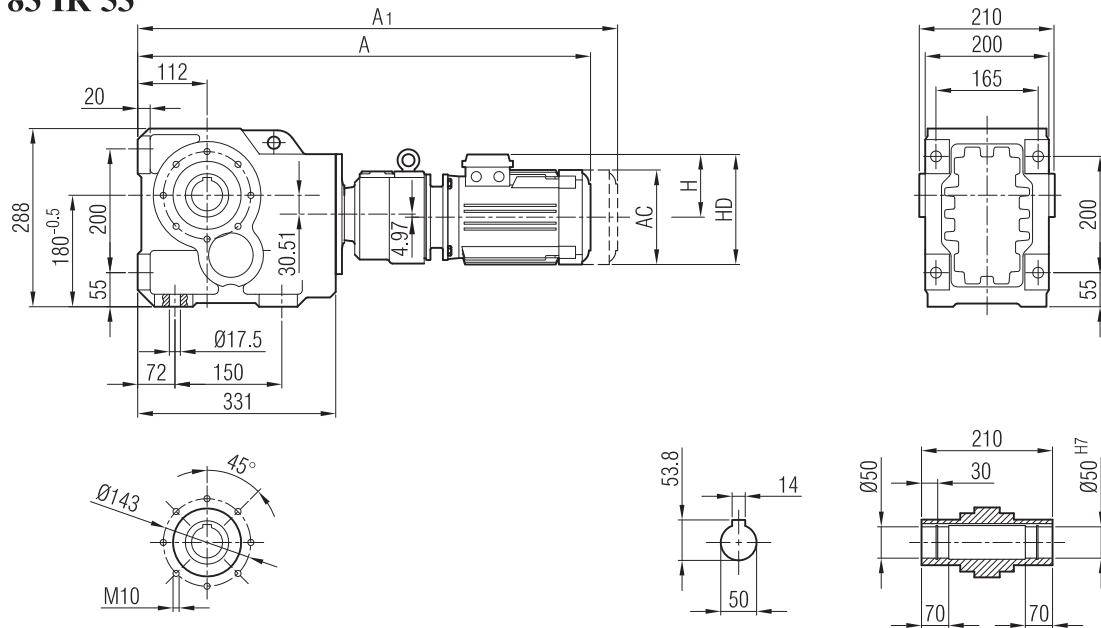
	56	63	71	80															
A		670	658	688															
A ₁		728	719	631															
H		99	111	118															
HD		162	182	198															
AC		123	138	158															

"A₁" Ölçüsü Frenli Motorlar içindir.
Dimension "A₁" is for motors with brake
Maß "A₁" ist für Motoren mit Bremse

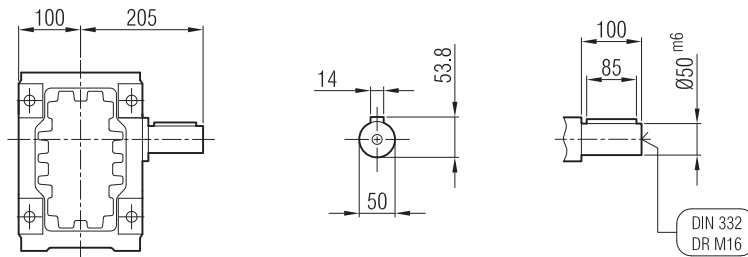




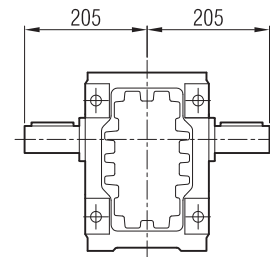
İRKM 83 İR 52
İRKM 83 İR 53



... -01



... -02



	56	63	71	80												
A		726	714	744												
A ₁		784	775	687												
H		99	111	118												
HD		162	182	198												
AC		123	138	158												

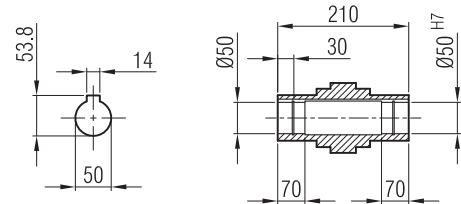
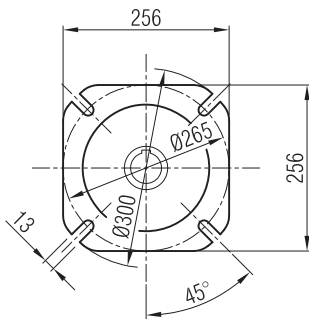
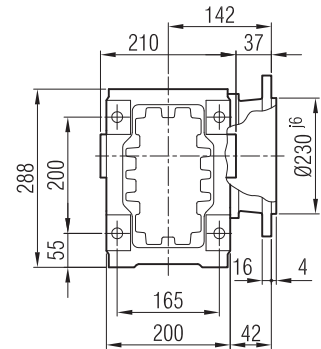
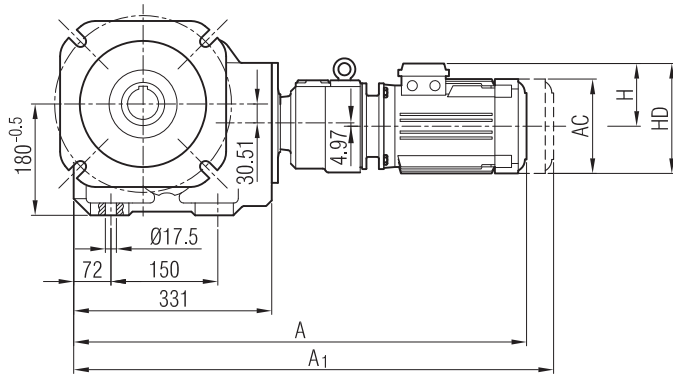
"A₁" Ölçüsü Frenli Motorlar içindir.
Dimension "A₁" is for motors with brake
Maß "A₁" ist für Motoren mit Bremse



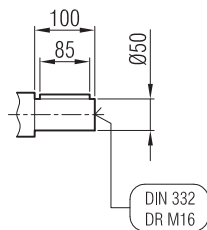
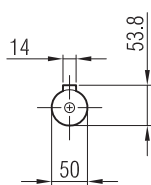
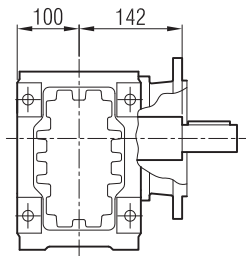


İRKFM 83 İR 52

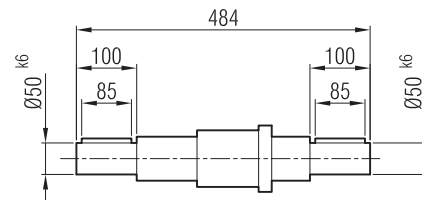
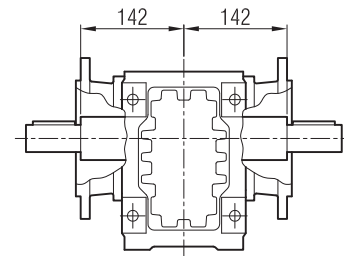
İRKFM 83 İR 53



... -01



... -02



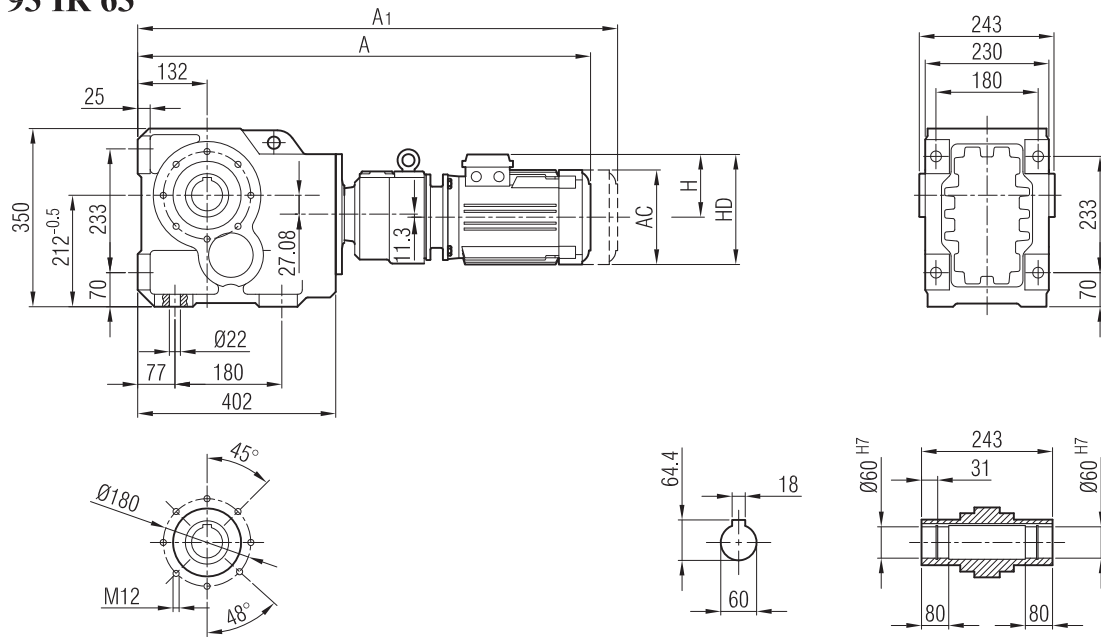
	56	63	71	80													
A		726	714	744													
A ₁		784	775	687													
H		99	111	118													
HD		162	182	198													
AC		123	138	158													

"A₁" Ölçüsü Frenli Motorlar içindir.
Dimension "A₁" is for motors with brake
Maß "A₁" ist für Motoren mit Bremse

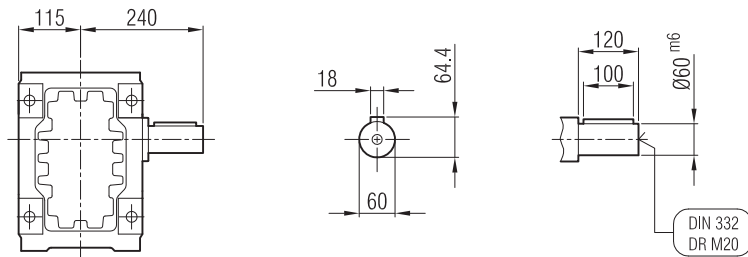




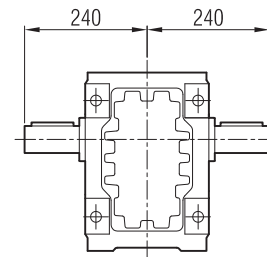
İRKM 93 İR 62 İRKM 93 İR 63



... -01



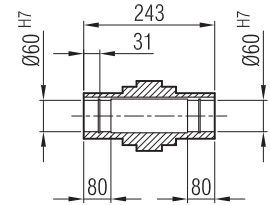
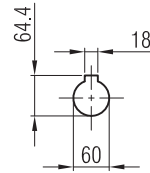
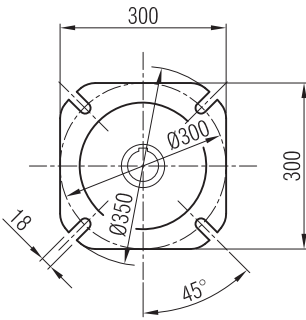
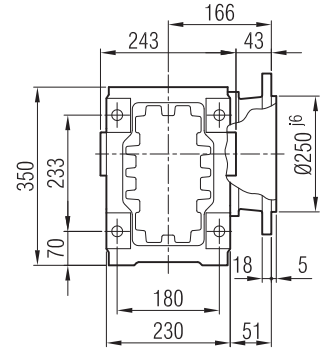
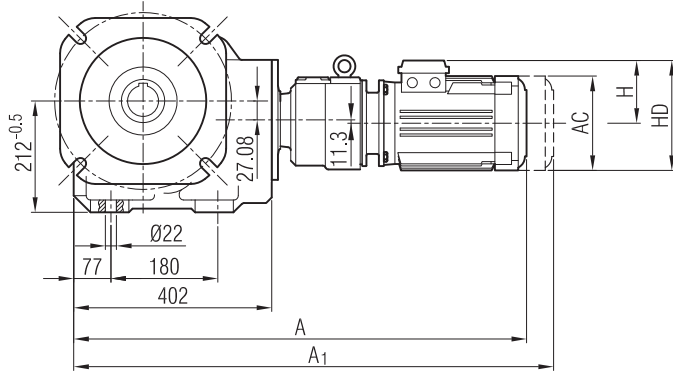
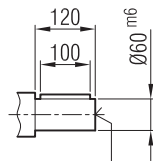
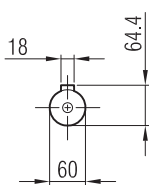
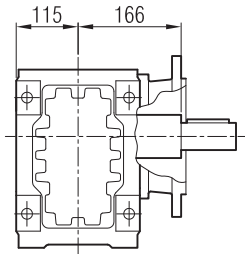
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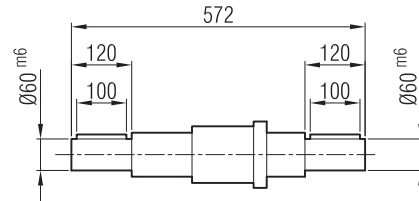
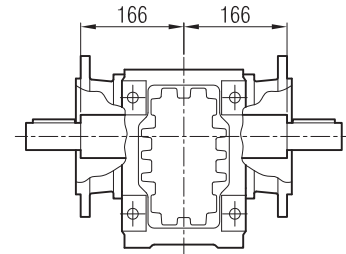
	56	63	71	80	90 S	90 L										
A		834	813	843	857	877										
A ₁		892	874	904	926	946										
H		99	111	118	132	132										
HD		162	182	198	222	222										
AC		123	138	158	193	193										

"A₁" Ölçüsü Frenli Motorlar içindir.
Dimension "A₁" is for motors with brake
Maß "A₁" ist für Motoren mit Bremse




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	56	63	71	80	90 S	90 L										
A		834	813	843	857	877										
A ₁		892	874	904	926	946										
H		99	111	118	132	132										
HD		162	182	198	222	222										
AC		123	138	158	193	193										

"A₁" Ölçüsü Frenli Motorlar içindir.

Dimension "A₁" is for motors with brake

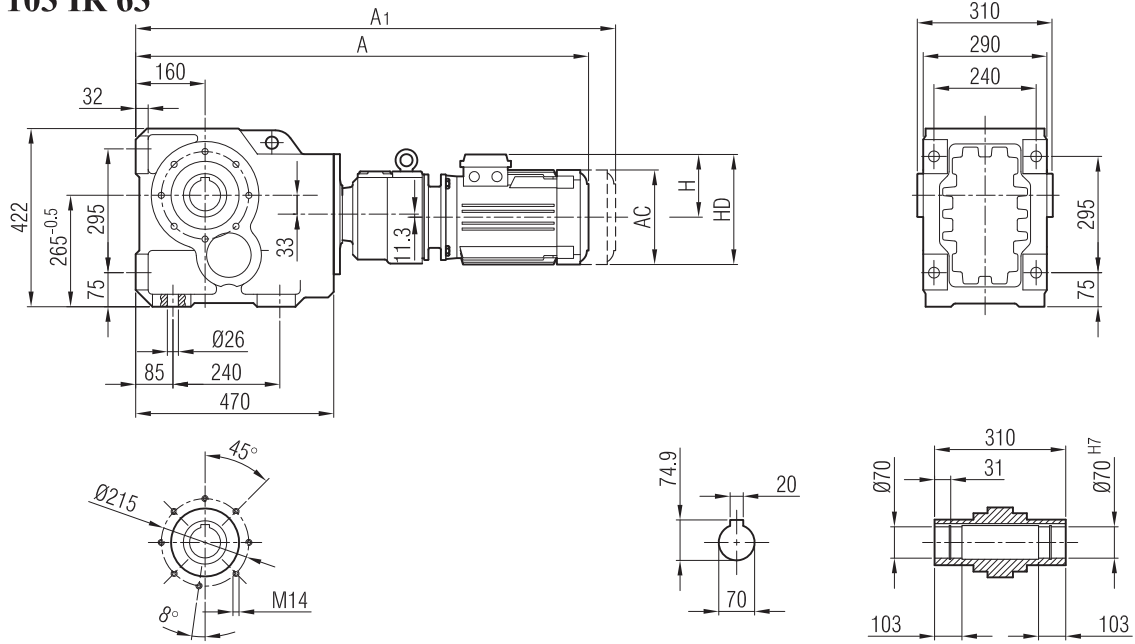
Maß "A₁" ist für Motoren mit Bremse



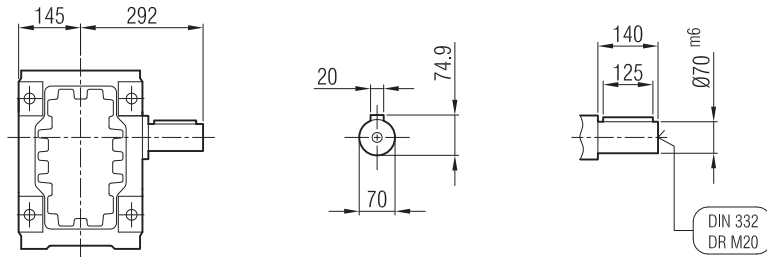


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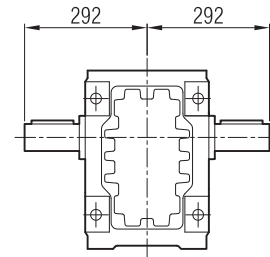
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	56	63	71	80	90 S	90 L	100	112								
A		902	892	911	925	945	980	1023								
A ₁		960	953	972	994	1014	1065	1103								
H		99	111	118	132	132	141	149								
HD		162	182	198	222	222	241	261								
AC		123	138	158	193	193	217	232								

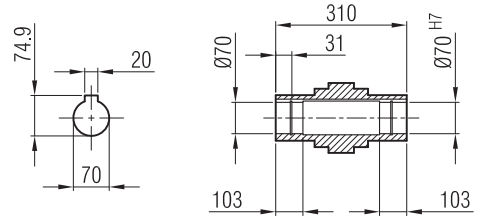
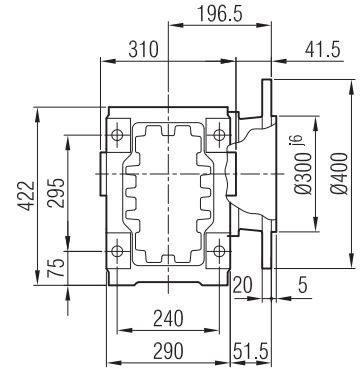
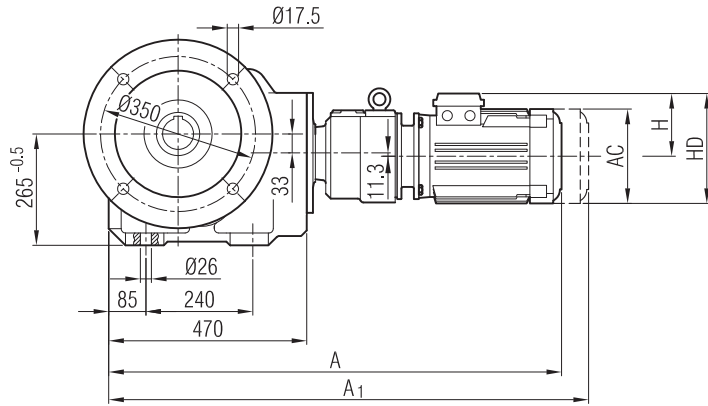
"A₁" Ölçüsü Frenli Motorlar içindir.
Dimension "A₁" is for motors with brake
Maß "A₁" ist für Motoren mit Bremse



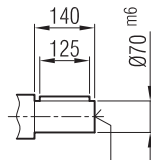
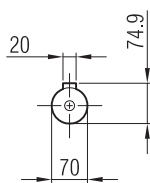
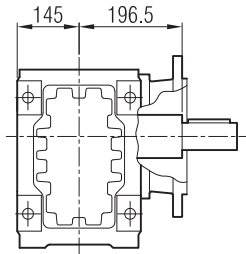


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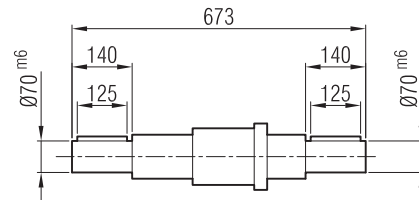
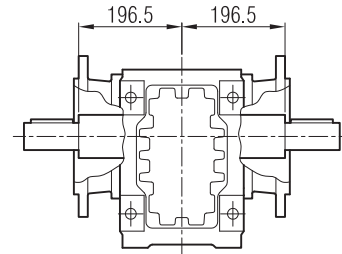


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	56	63	71	80	90 S	90 L	100	112								
A		902	892	911	925	945	980	1023								
A_1		960	953	972	994	1014	1065	1103								
H		99	111	118	132	132	141	149								
HD		162	182	198	222	222	241	261								
AC		123	138	158	193	193	217	232								

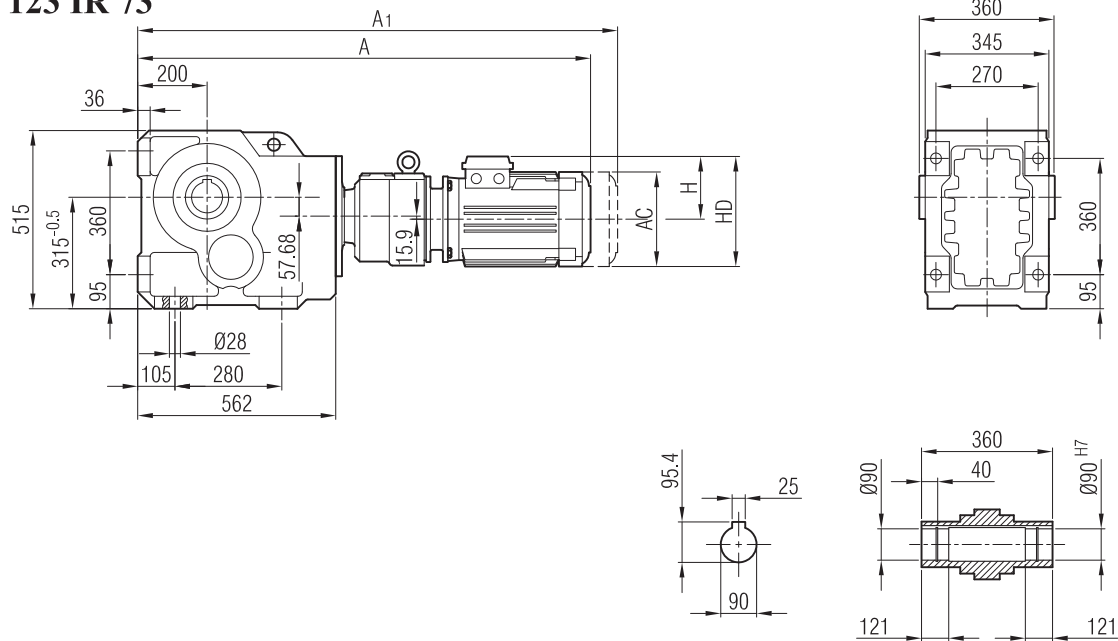
" A_1 " Ölçüsü Frenli Motorlar içindir.
Dimension " A_1 " is for motors with brake
Maß " A_1 " ist für Motoren mit Bremse



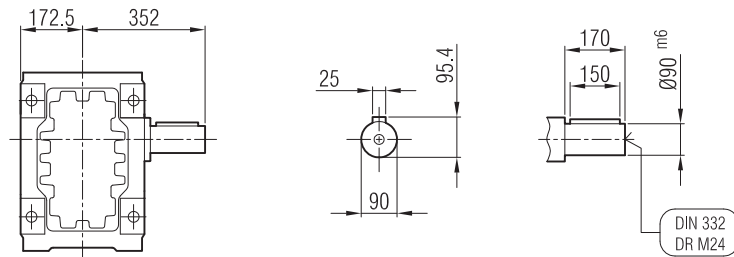


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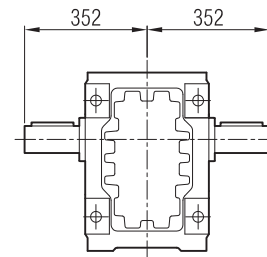
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	56	63	71	80	90 S	90 L	100	112	132 S							
A			988	1019	1043	1068	1110	1129	1175							
A ₁			1061	1102	1128	1153	1212	1254	1317							
H			111	118	132	132	141	149	182							
HD			182	198	222	222	241	261	314							
AC			138	158	193	193	217	232	279							

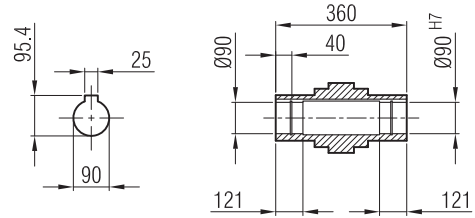
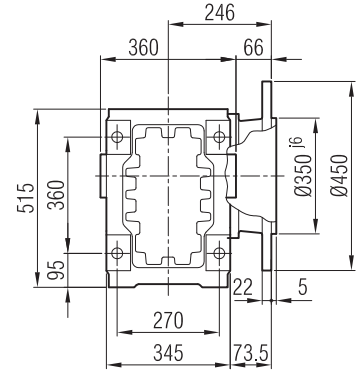
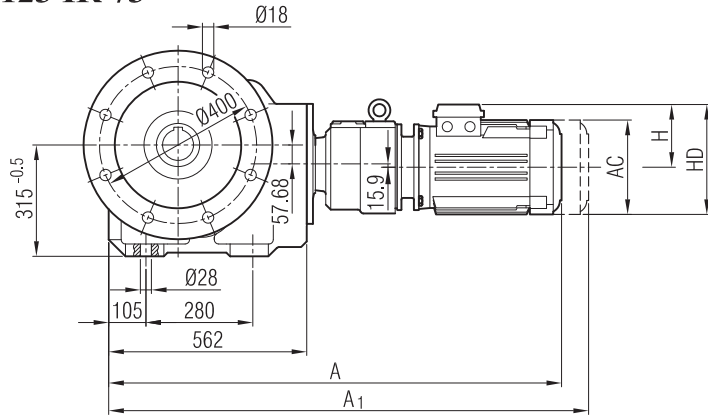
"A₁" Ölçüsü Frenli Motorlar içindir.
Dimension "A₁" is for motors with brake
Maß "A₁" ist für Motoren mit Bremse



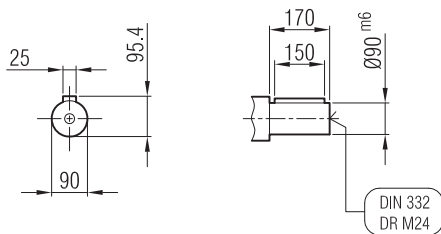
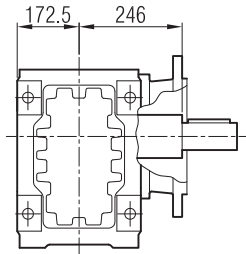


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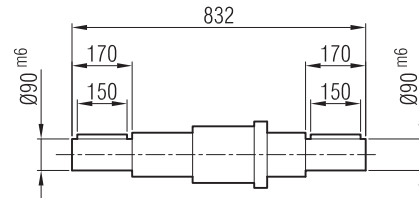
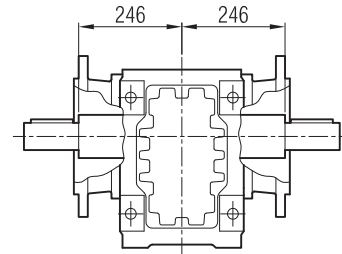
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	56	63	71	80	90 S	90 L	100	112	132 S							
A			988	1019	1043	1068	1110	1129	1175							
A ₁			1061	1102	1128	1153	1212	1254	1317							
H			111	118	132	132	141	149	182							
HD			182	198	222	222	241	261	314							
AC			138	158	193	193	217	232	279							

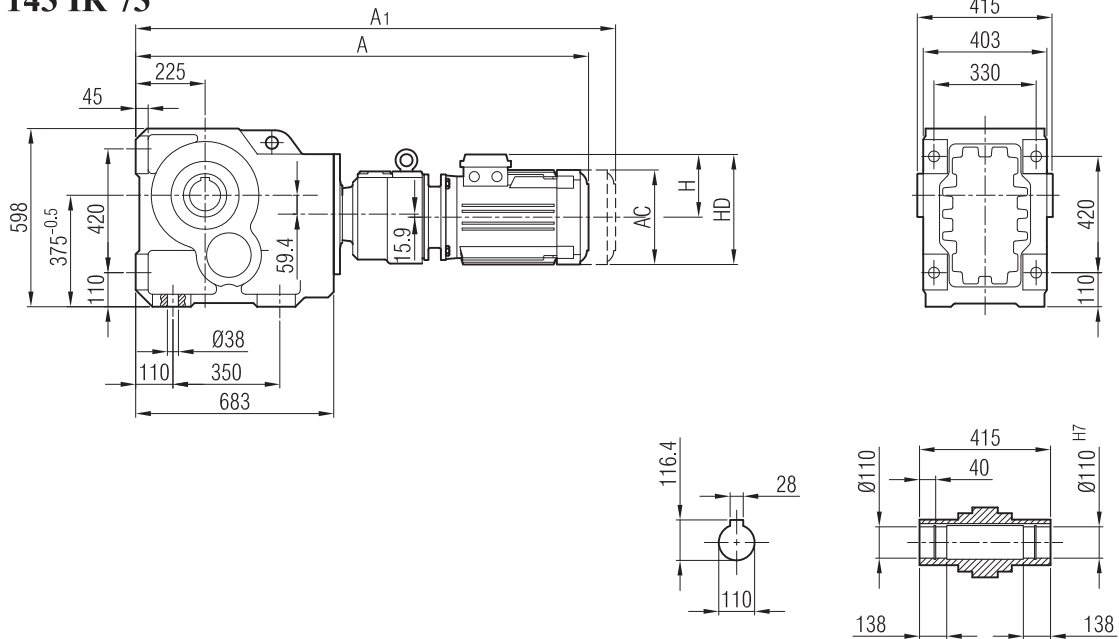
"A₁" Ölçüsü Frenli Motorlar içindir.
Dimension "A₁" is for motors with brake
Maß "A₁" ist für Motoren mit Bremse



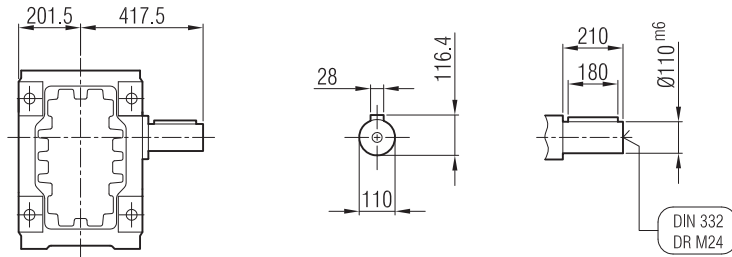


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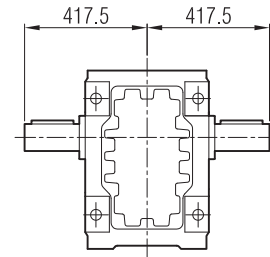
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	56	63	71	80	90 S	90 L	100	112	132 S	132 M						
A			1109	1140	1164	1189	1231	1250	1296	1342						
A ₁			1182	1223	1249	1274	1333	1375	1438	1484						
H			111	118	132	132	141	149	182	182						
HD			182	198	222	222	241	261	314	314						
AC			138	158	193	193	217	232	279	279						

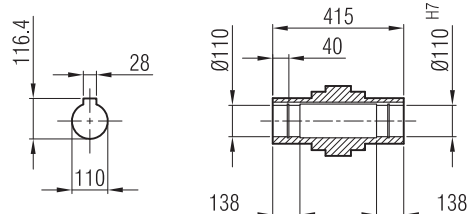
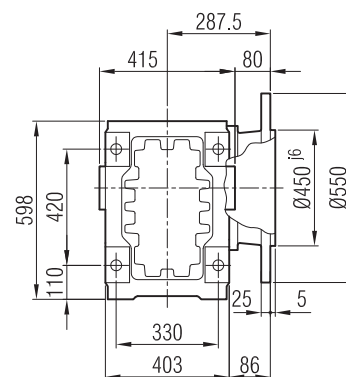
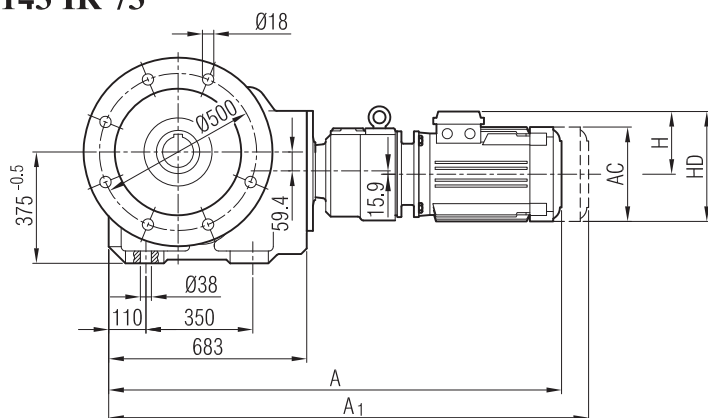
"A₁" Ölçüsü Frenli Motorlar içindir.
Dimension "A₁" is for motors with brake
Maß "A₁" ist für Motoren mit Bremse



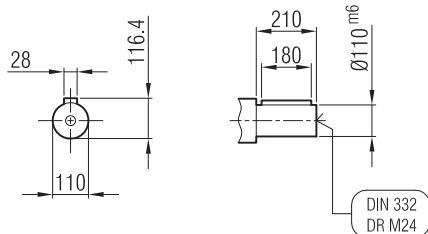
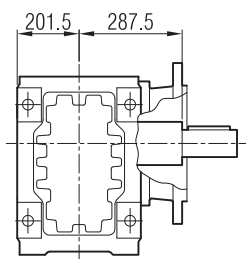


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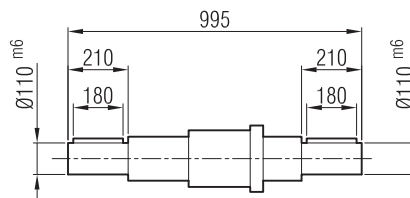
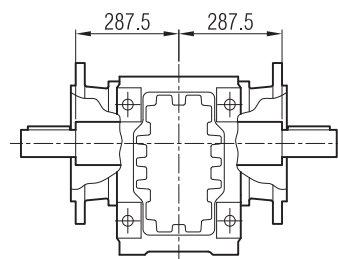
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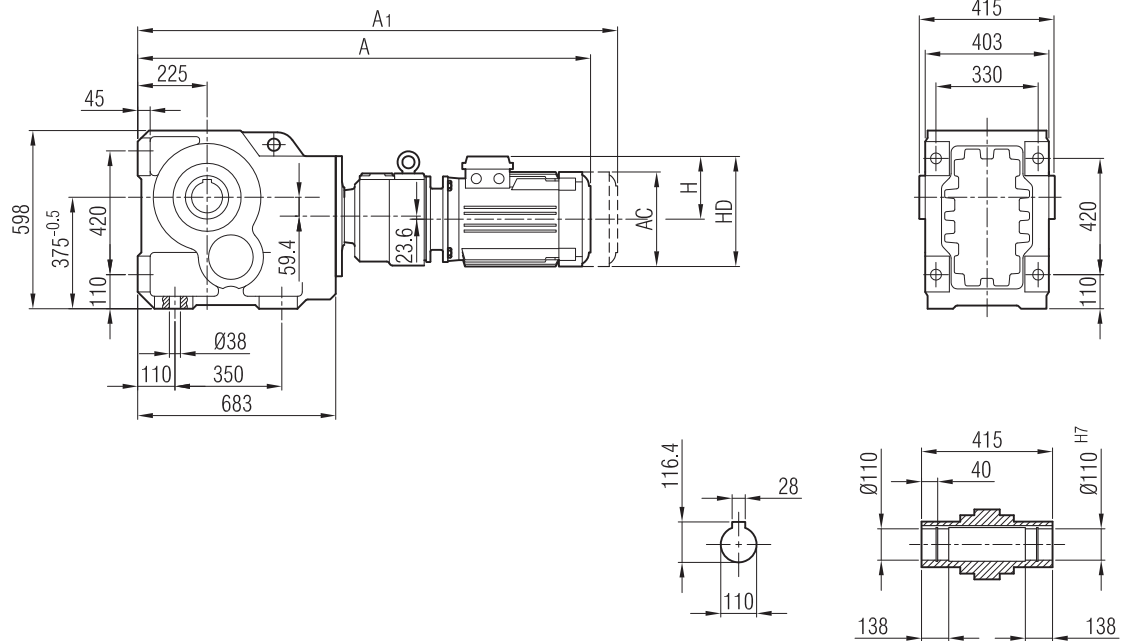
	56	63	71	80	90 S	90 L	100	112	132 S	132 M						
A			1109	1140	1164	1189	1231	1250	1296	1342						
A ₁			1182	1223	1249	1274	1333	1375	1438	1484						
H			111	118	132	132	141	149	182	182						
HD			182	198	222	222	241	261	314	314						
AC			138	158	193	193	217	232	279	279						

"A1" Ölçüsü Frenli Motorlar içindir.
Dimension "A1" is for motors with brake
Maß "A1" ist für Motoren mit Bremse

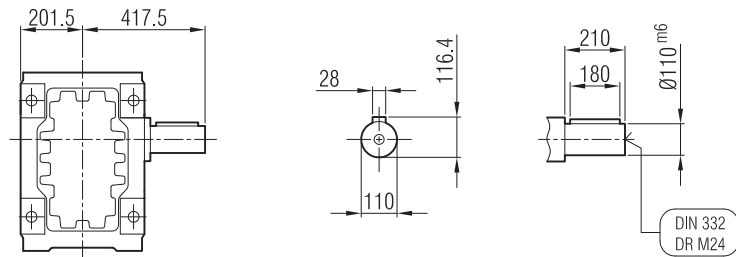




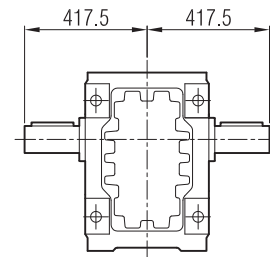
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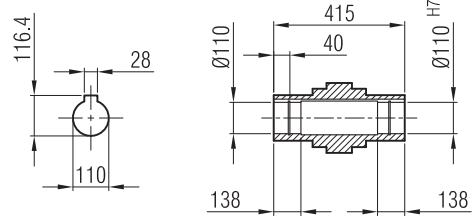
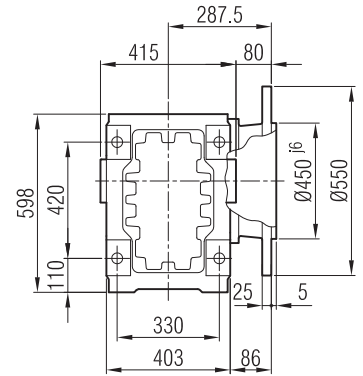
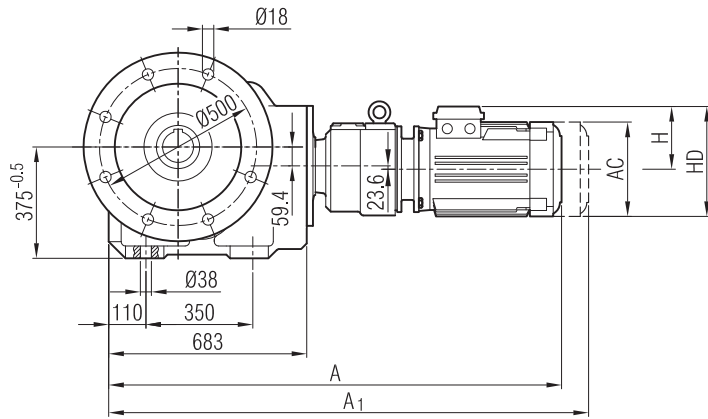
	56	63	71	80	90 S	90 L	100	112	132 S	132 M	160 M						
A					1211	1236	1279	1301	1352	1398	1468						
A ₁					1296	1321	1381	1426	1494	1540	1658						
H					132	132	141	149	182	182	225						
HD					222	222	241	261	314	314	385						
AC					193	193	217	232	279	279	323						

"A1" Ölçüsü Frenli Motorlar içindir.
Dimension "A1" is for motors with brake
Maß "A1" ist für Motoren mit Bremse

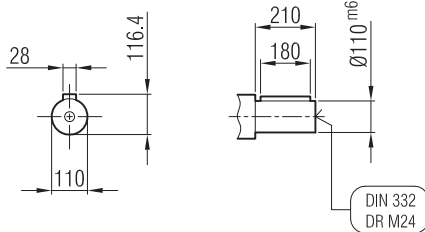
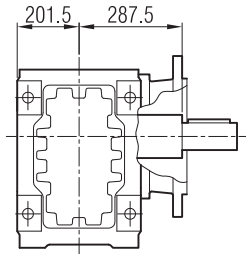




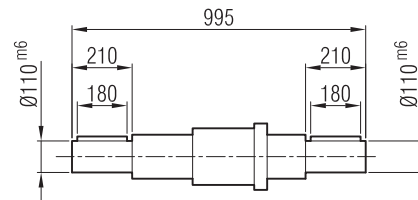
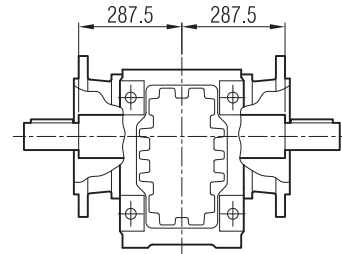
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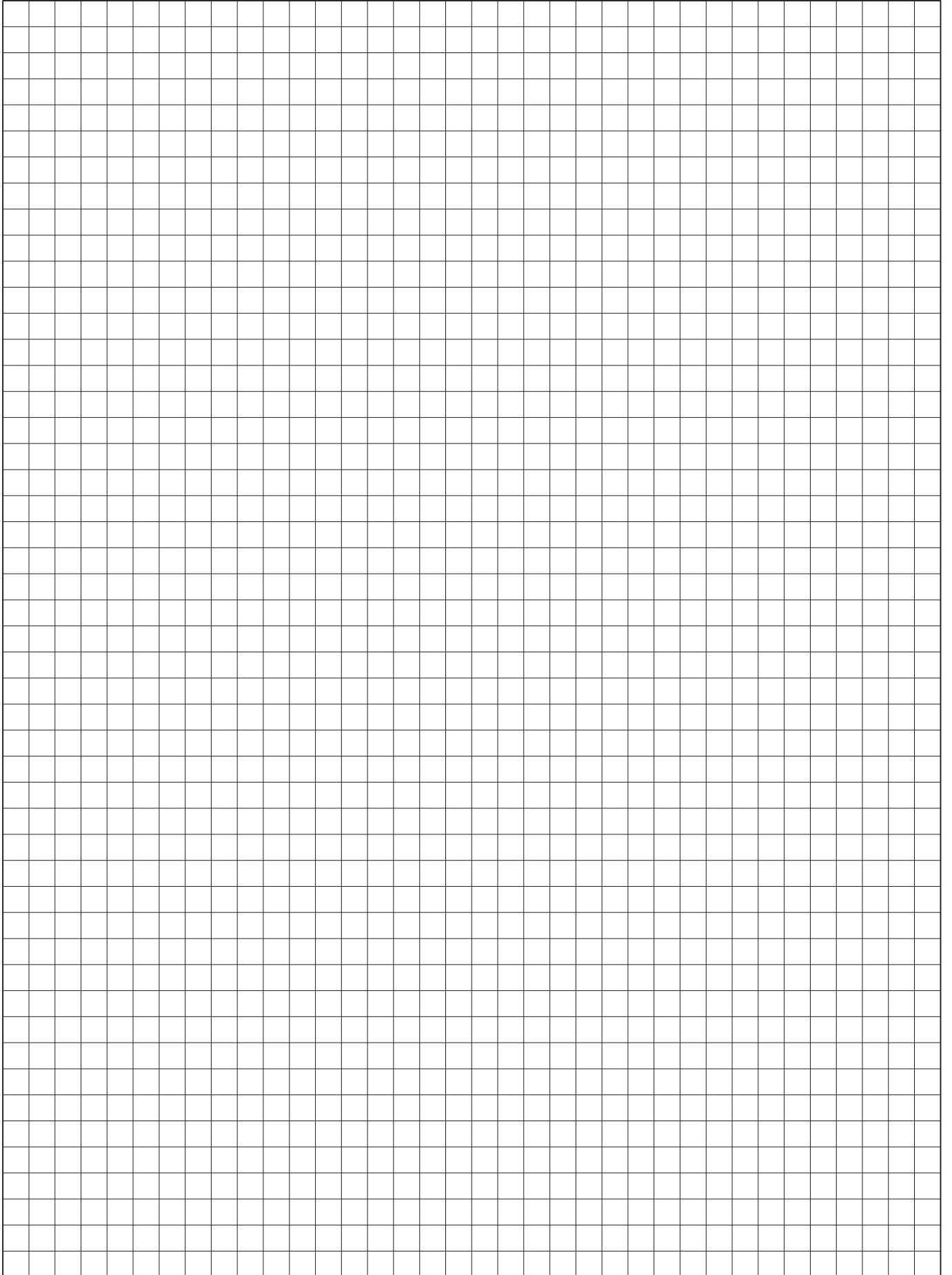
... -02



	56	63	71	80	90 S	90 L	100	112	132 S	132 M	160 M					
A					1211	1236	1279	1301	1352	1398	1468					
A ₁					1296	1321	1381	1426	1494	1540	1658					
H					132	132	141	149	182	182	225					
HD					222	222	241	261	314	314	385					
AC					193	193	217	232	279	279	323					

"A₁" Ölçüsü Frenli Motorlar içindir.
Dimension "A₁" is for motors with brake
Maß "A₁" ist für Motoren mit Bremse

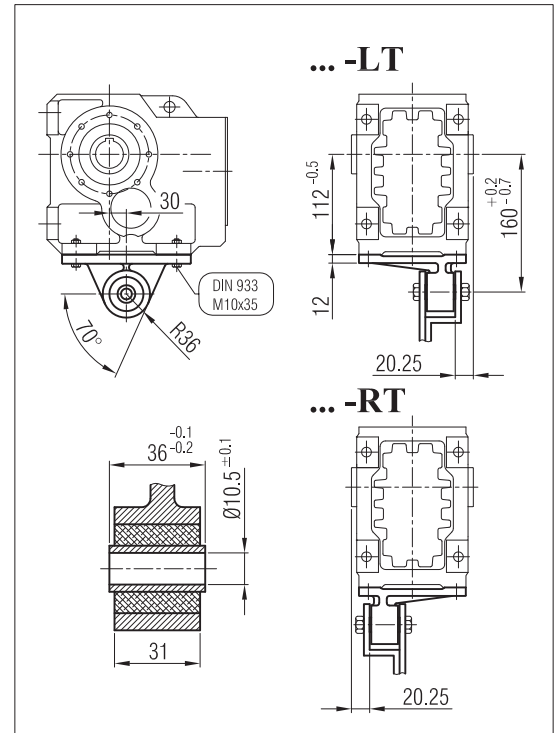
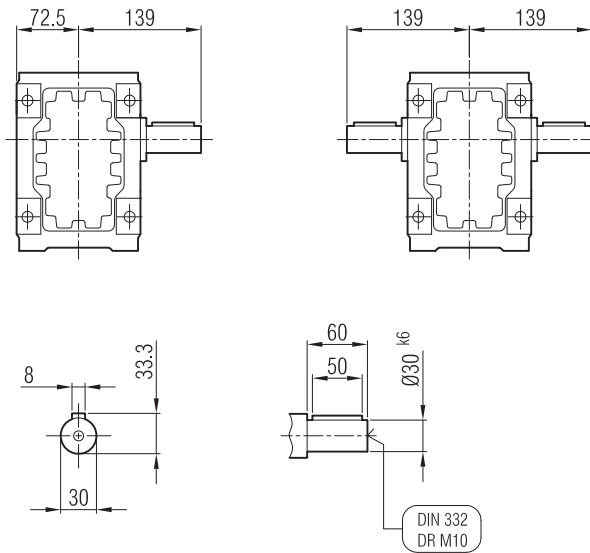
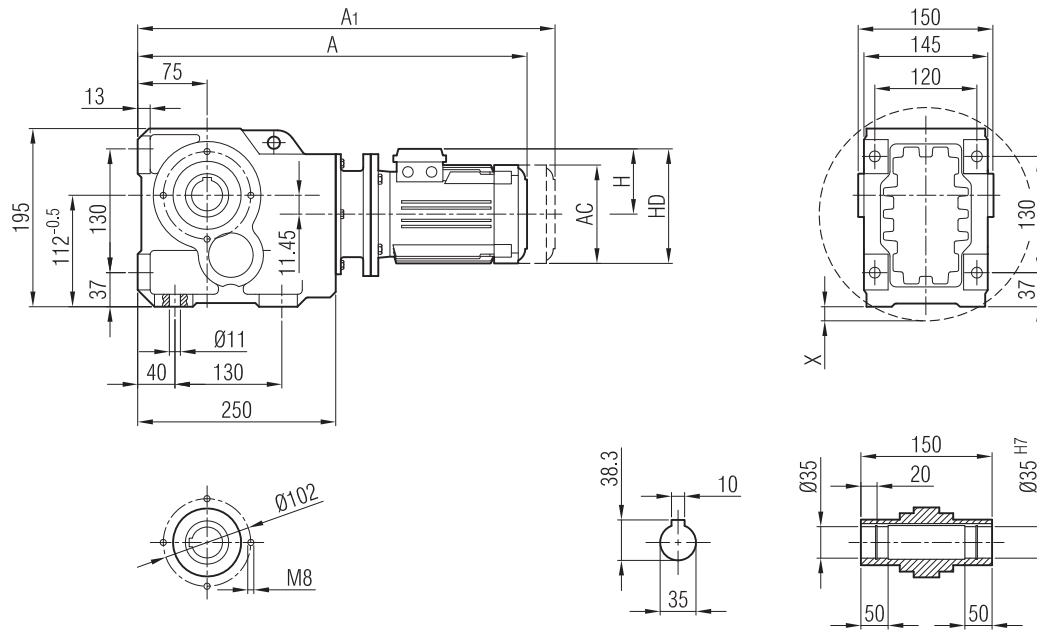




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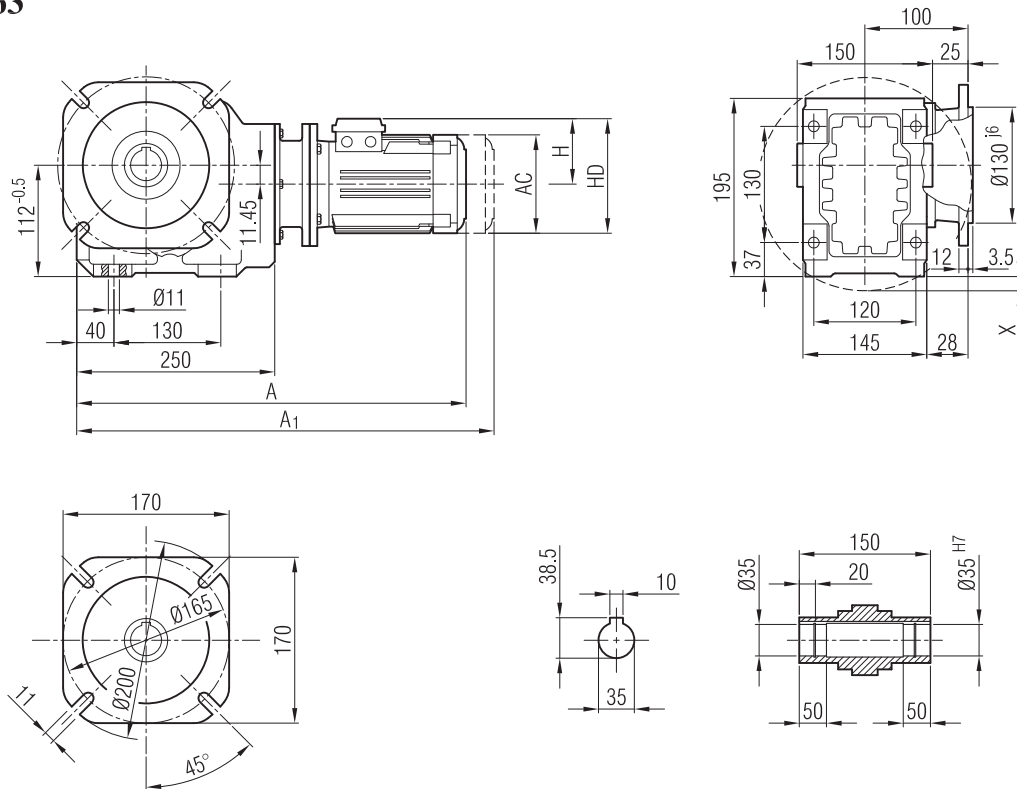
	56/B5	63/B5	71/B5	80/B5	90 S/B5	90 L/B5	100/B5									
A		482	518	544	559	584	629									
A ₁		540	591	627	644	669	731									
H		99	111	118	132	132	141									
HD		162	182	198	222	222	241									
AC		123	138	158	193	193	217									
X		-	-	-	-	-	24.5									

"A₁" Ölçüsü Frenli Motorlar içindir.
Dimension "A₁" is for motors with brake
Maß "A₁" ist für Motoren mit Bremse

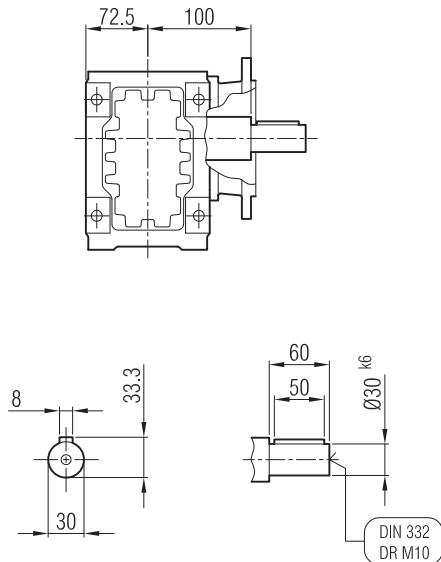




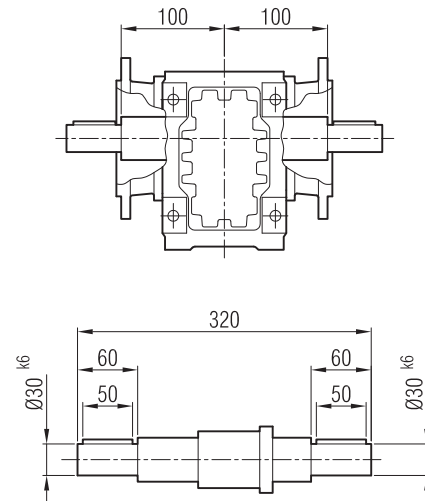
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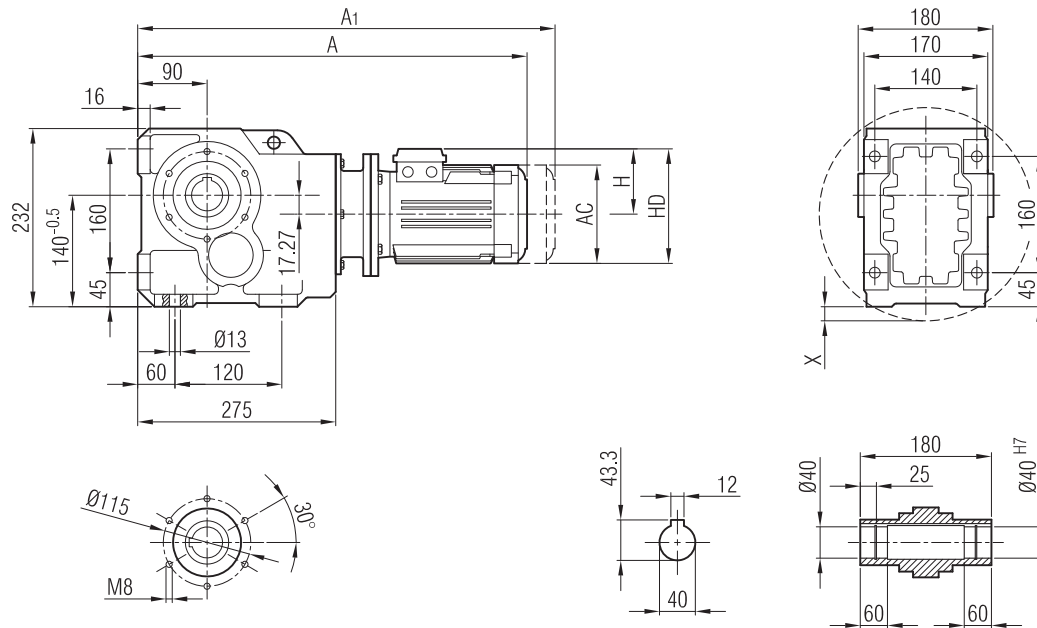
	56/B5	63/B5	71/B5	80/B5	90 S/B5	90 L/B5	100/B5										
A		482	518	544	559	584	629										
A ₁		540	591	627	644	669	731										
H		99	111	118	132	132	141										
HD		162	182	198	222	222	241										
AC		123	138	158	193	193	217										
X		-	-	-	-	-	24.5										

"A₁" Ölçüsü Frenli Motorlar içindir.
 Dimension "A₁" is for motors with brake
 Maß "A₁" ist für Motoren mit Bremse

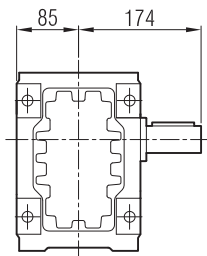




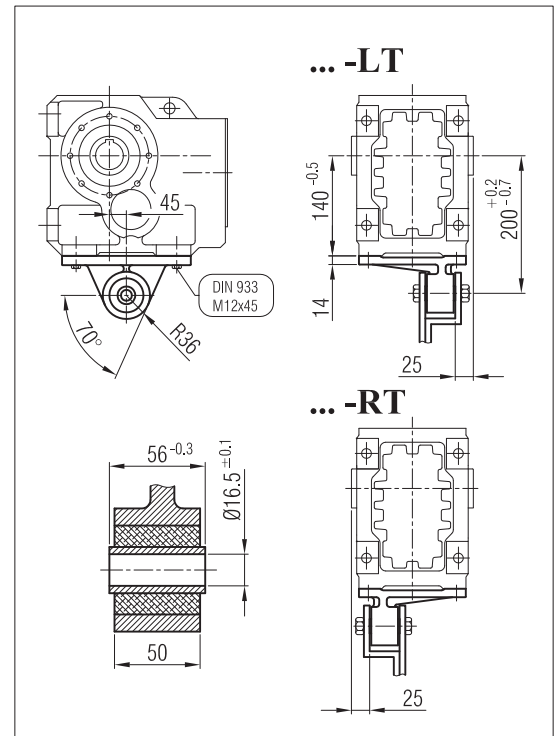
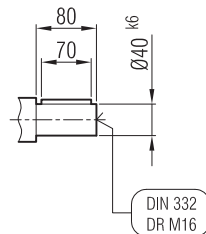
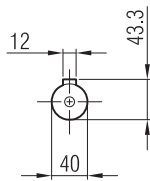
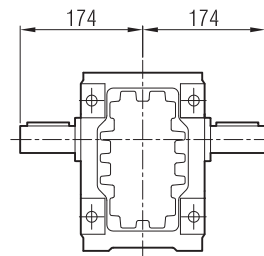
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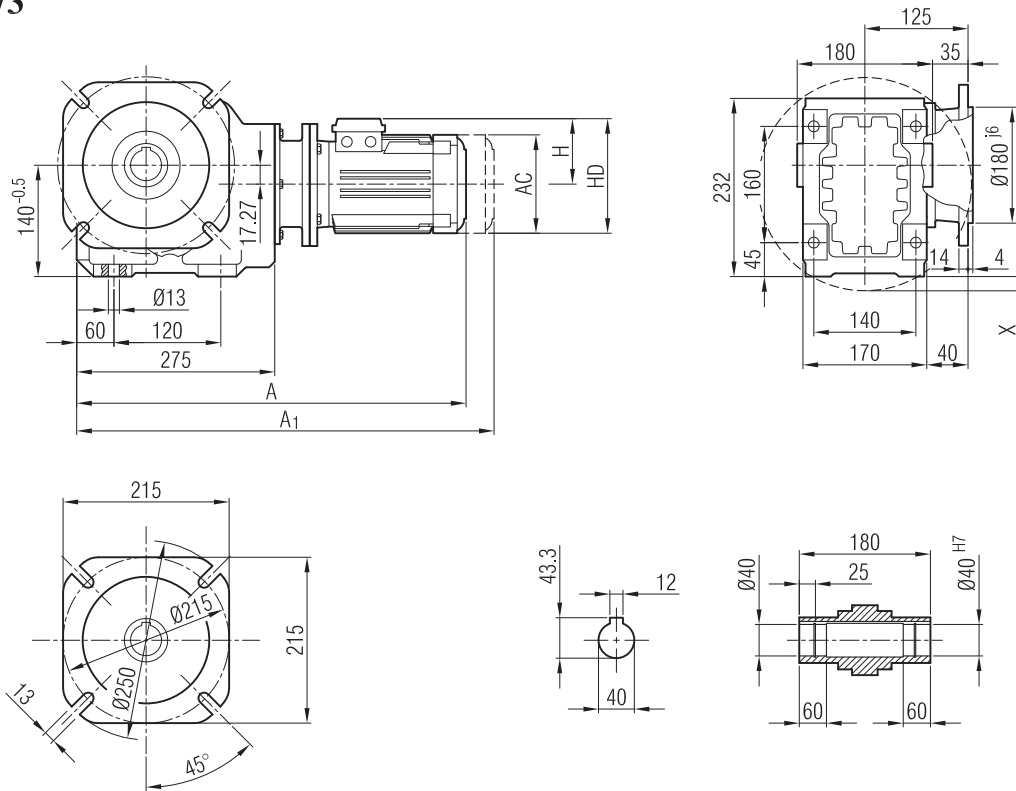
	56/B5	63/B5	71/B5	80/B5	90 S/B5	90 L/B5	100/B5	112/B5	132 S/B5							
A		507	543	569	583	608	653	674	729							
A ₁		565	616	652	668	693	743	799	834							
H		99	111	118	132	132	141	149	182							
HD		162	182	198	222	222	241	261	314							
AC		123	138	158	193	193	217	232	279							
X		-	-	-	-	-	-	-	27.5							

"A₁" Ölçüsü Frenli Motorlar içindir.
Dimension "A₁" is for motors with brake
Maß "A₁" ist für Motoren mit Bremse

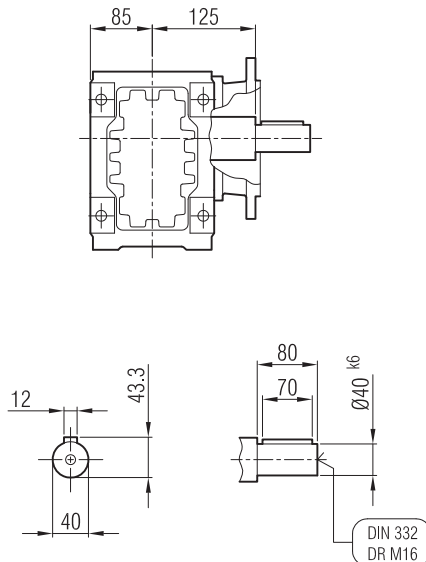




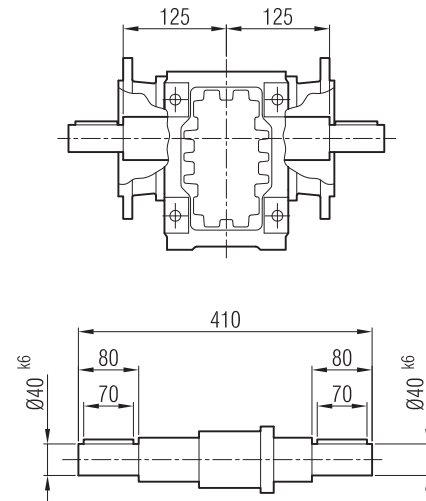
İRK FPM 73



... -01



... -02



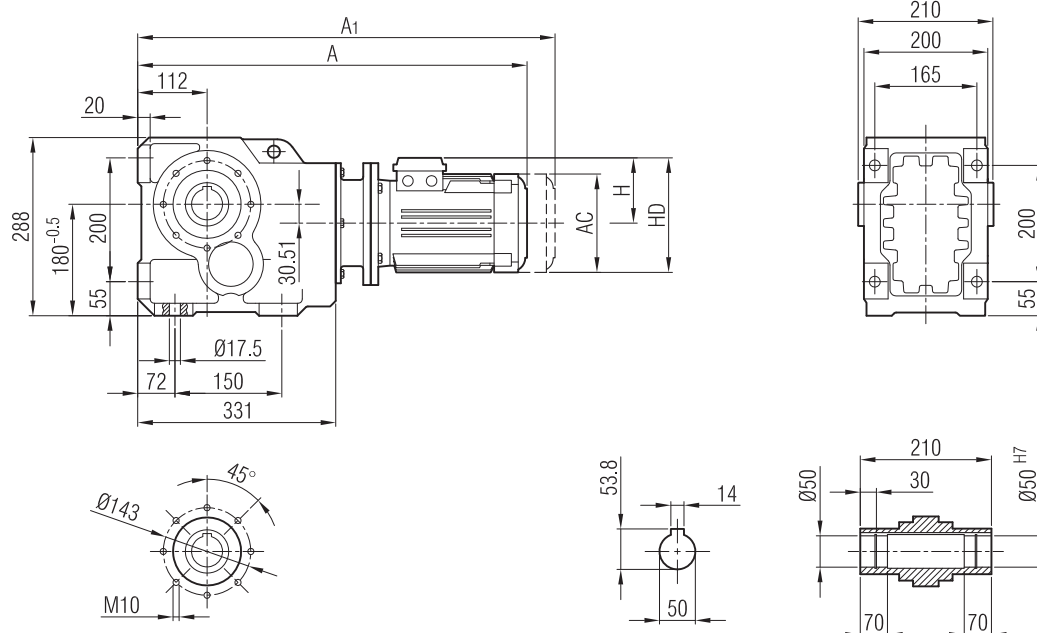
	56/B5	63/B5	71/B5	80/B5	90 S/B5	90 L/B5	100/B5	112/ B5	132 S/B5							
A		507	543	569	583	608	653	674	729							
A ₁		565	616	652	668	693	743	799	834							
H		99	111	118	132	132	141	149	182							
HD		162	182	198	222	222	241	261	314							
AC		123	138	158	193	193	217	232	279							
X		-	-	-	-	-	-	-	27.5							

"A₁" Ölçüsü Frenli Motorlar içindir.
Dimension "A₁" is for motors with brake
Maß "A₁" ist für Motoren mit Bremse

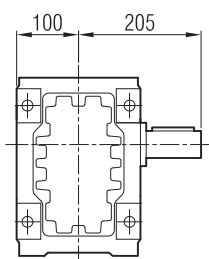




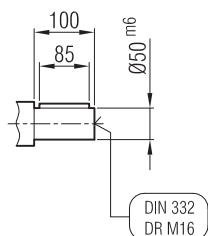
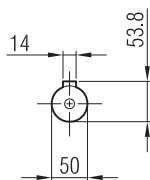
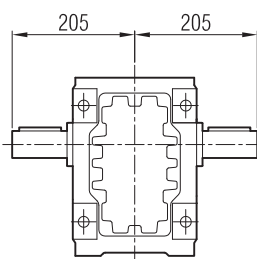
İRKPM 83



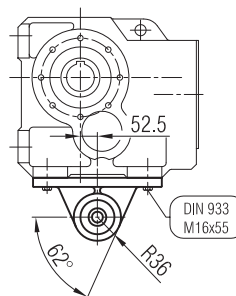
... -01



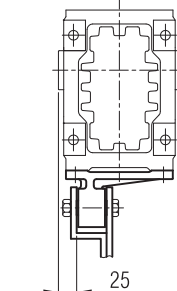
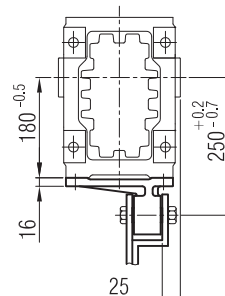
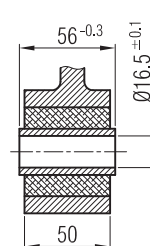
... -02



... -LT



... -RT



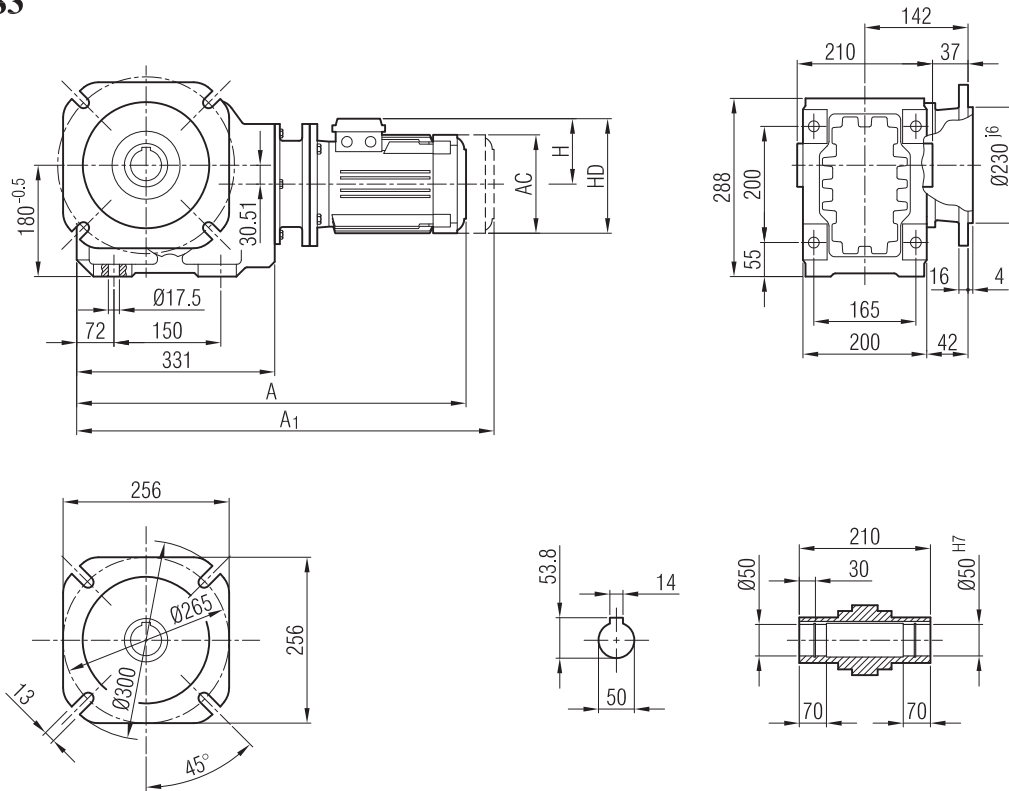
	56/B5	63/B5	71/B5	80/B5	90 S/B5	90 L/B5	100/B5	112/B5	132 S/B5	132 M/B5						
A			609	642	656	681	718	739	802	848						
A ₁			682	725	741	766	808	864	907	953						
H			111	118	132	132	141	149	182	182						
HD			182	198	222	222	241	261	314	314						
AC			138	158	193	193	217	232	279	279						

"A₁" Ölçüsü Frenli Motorlar içindir.
Dimension "A₁" is for motors with brake
Maß "A₁" ist für Motoren mit Bremse

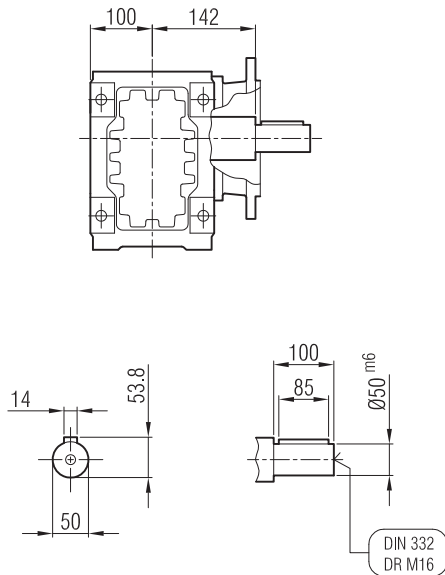




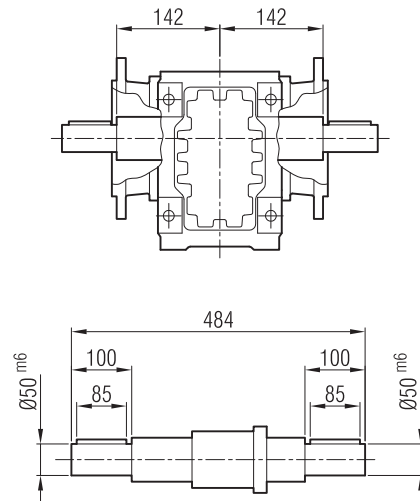
İRKFPM 83



... -01



... -02



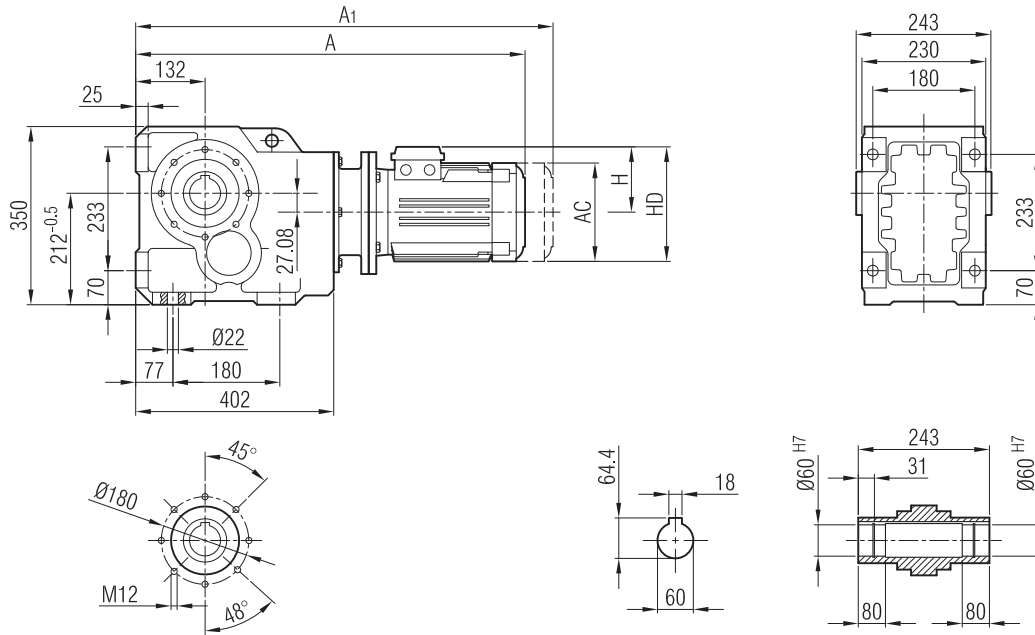
	56/B5	63/B5	71/B5	80/B5	90 S/B5	90 L/B5	100/B5	112/B5	132 S/B5	132 M/B5						
A			609	642	656	681	718	739	802	848						
A ₁			682	725	741	766	808	864	907	953						
H			111	118	132	132	141	149	182	182						
HD			182	198	222	222	241	261	314	314						
AC			138	158	193	193	217	232	279	279						

"A₁" Ölçüsü Frenli Motorlar içindir.
Dimension "A₁" is for motors with brake
Maß "A₁" ist für Motoren mit Bremse

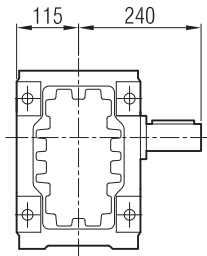




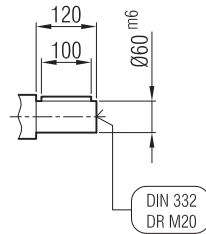
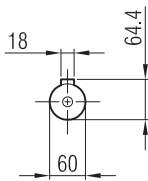
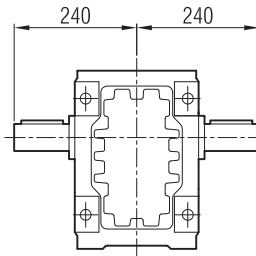
İRKPM 93



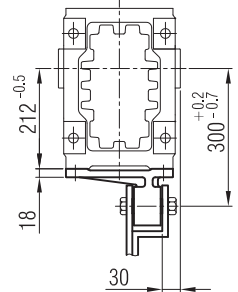
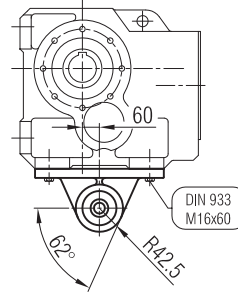
... -01



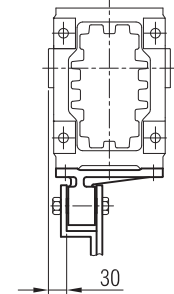
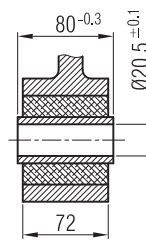
... -02



... -LT



... -RT



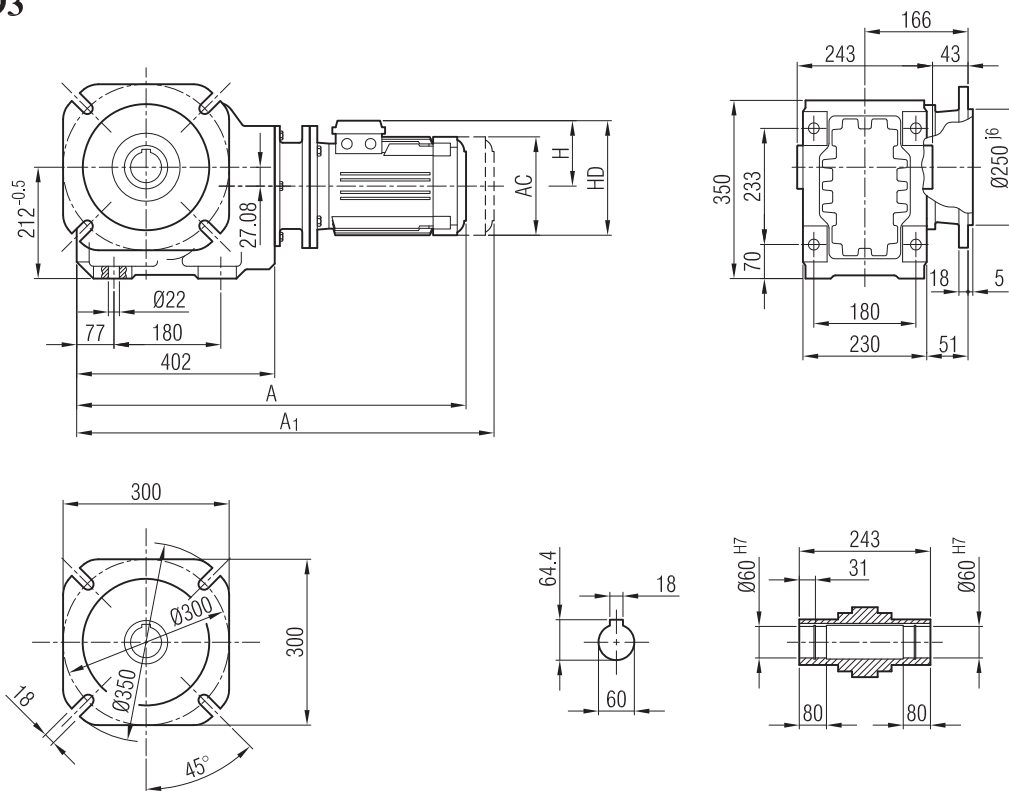
	56/B5	63/B5	71/B5	80/B5	90 S/B5	90 L/B5	100/B5	112/ B5	132 S/B5	132 M/B5	160 M/B5	160 L/B5	180 M/B5	180 L/B5			
A				713	727	752	791	812	872	918	1004	1048	1062	1100			
A ₁				796	812	837	881	937	977	1023	1124	1168	1182	1220			
H				118	132	132	141	149	182	182	225	225	248	248			
HD				198	222	222	241	261	314	314	385	385	428	428			
AC				158	193	193	217	232	279	279	325	325	370	370			

"A₁" Ölçüsü Frenli Motorlar içindir.
Dimension "A₁" is for motors with brake
Maß "A₁" ist für Motoren mit Bremse

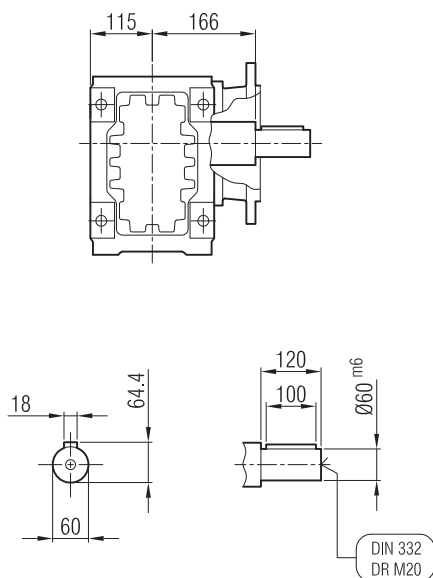




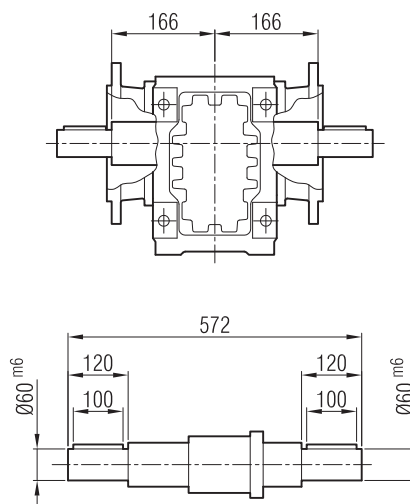
İRK FPM 93



...-01



...-02



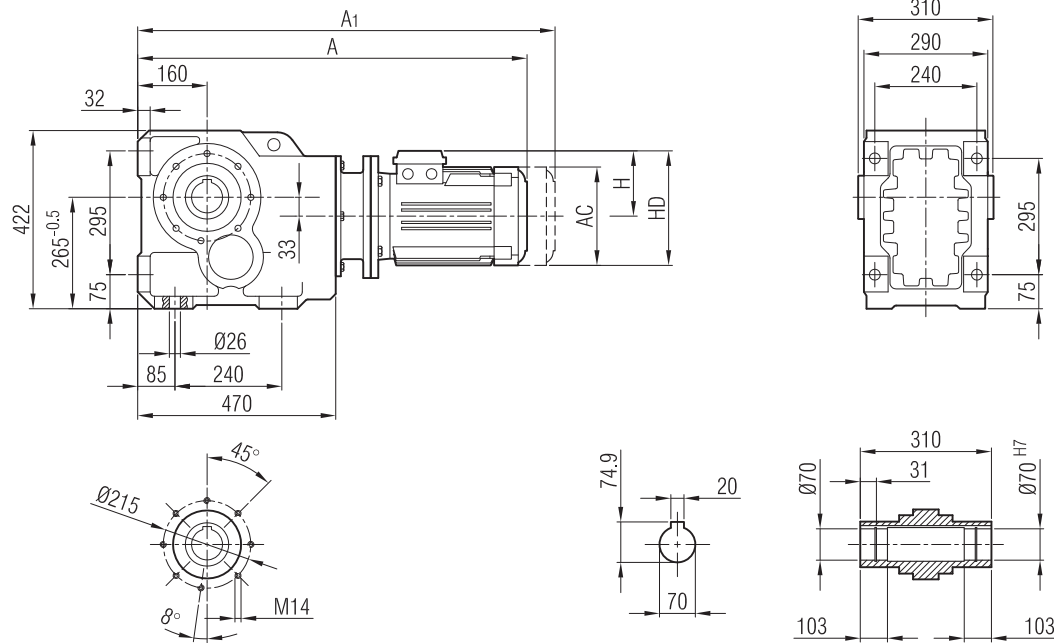
	56/B5	63/B5	71/B5	80/B5	90 S/B5	90 L/B5	100/B5	112/ B5	132 S/B5	132 M/B5	160 M/B5	160 L/B5	180 M/B5	180 L/B5			
A				713	727	752	791	812	872	918	1004	1048	1062	1100			
A ₁				796	812	837	881	937	977	1023	1124	1168	1182	1220			
H				118	132	132	141	149	182	182	225	225	248	248			
HD				198	222	222	241	261	314	314	385	385	428	428			
AC				158	193	193	217	232	279	279	325	325	370	370			

"A1" Ölçüsü Frenli Motorlar içindir.
Dimension "A1" is for motors with brake
Maß "A1" ist für Motoren mit Bremse

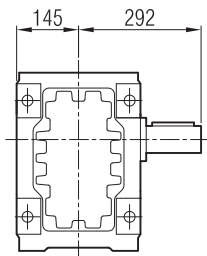




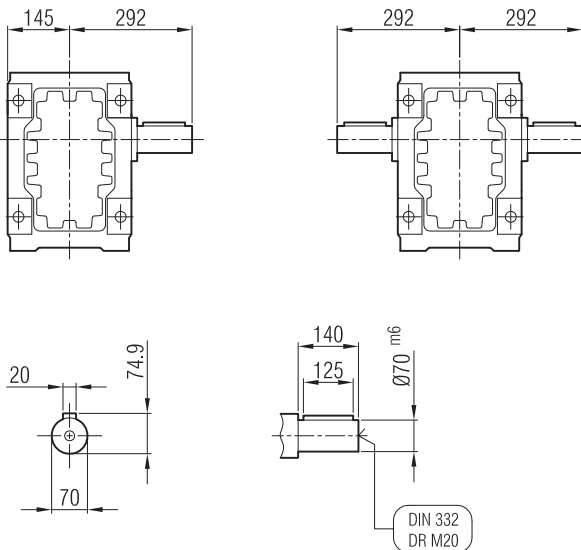
İRKPM 103



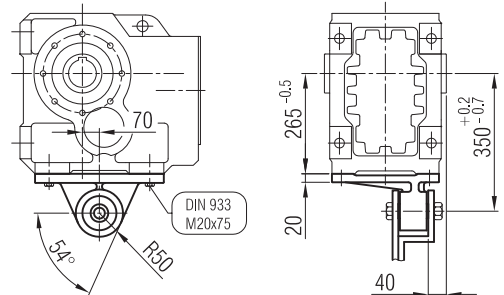
... -01



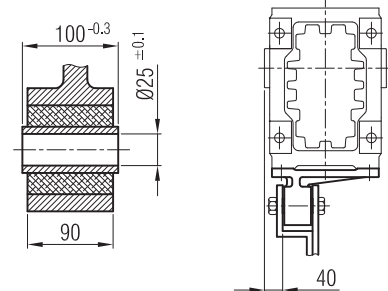
... -02



... -LT



... -RT



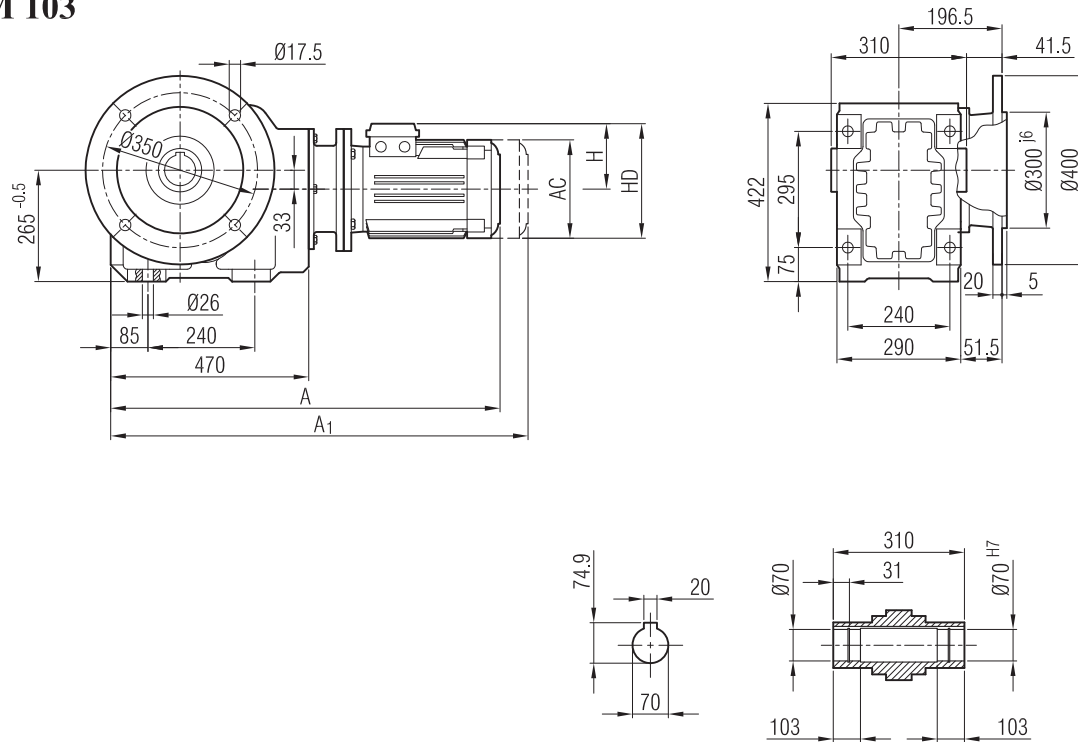
	56/B5	63/B5	71/B5	80/B5	90 S/B5	90 L/B5	100/B5	112/ B5	132 S/B5	132 M/B5	160 M/B5	160 L/B5	180 M/B5	180 L/B5	200/B5		
A					777	802	843	864	940	986	1072	1116	1130	1168	1266		
A ₁					862	887	933	989	1045	1091	1192	1236	1250	1288	-		
H					132	132	141	149	182	182	225	225	248	248	275		
HD					222	222	241	261	314	314	385	385	428	428	425		
AC					193	193	217	232	279	279	325	325	370	370	415		

"A₁" Ölçüsü Frenli Motorlar içindir.
Dimension "A₁" is for motors with brake
Maß "A₁" ist für Motoren mit Bremse

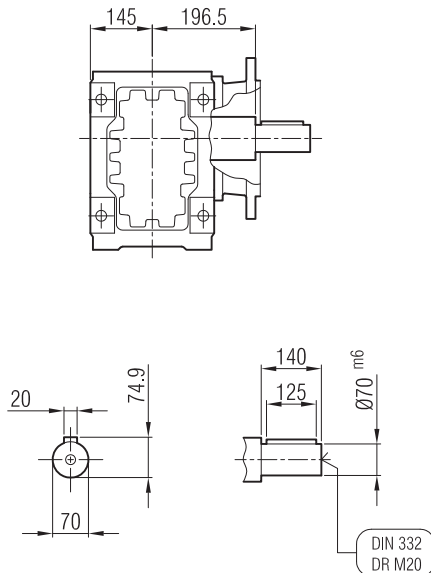




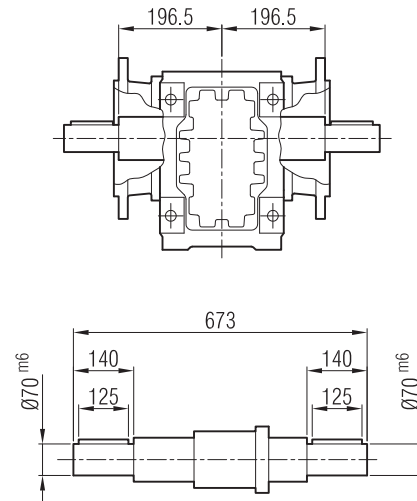
İRKFPM 103



... -01



... -02



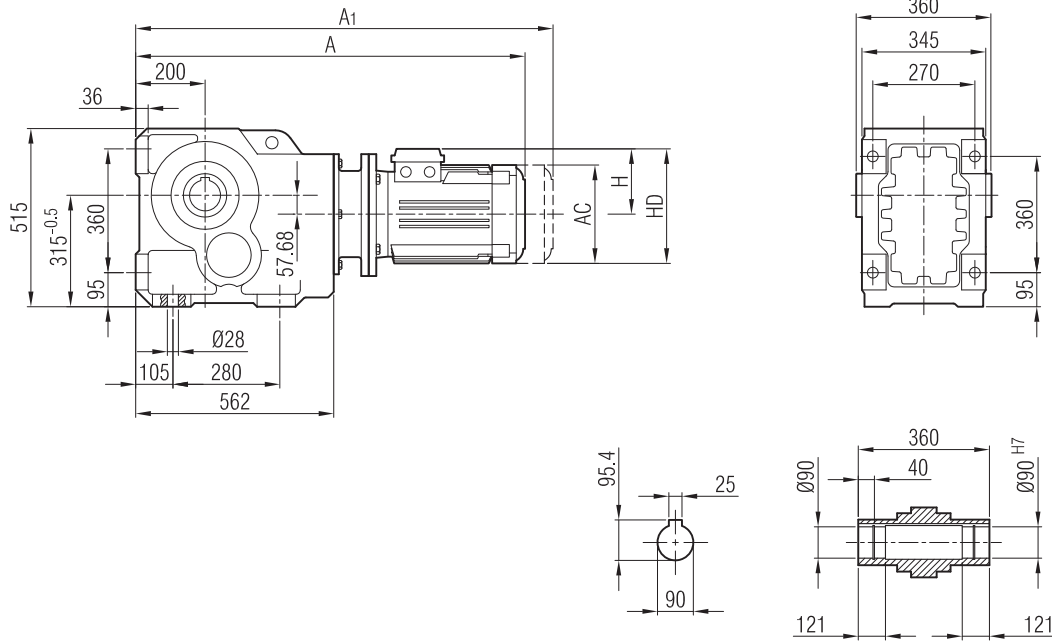
	56/B5	63/B5	71/B5	80/B5	90 S/B5	90 L/B5	100/B5	112/ B5	132 S/B5	132 M/B5	160 M/B5	160 L/B5	180 M/B5	180 L/B5	200/B5		
A					777	802	843	864	940	986	1072	1116	1130	1168	1266		
A ₁					862	887	933	989	1045	1091	1192	1236	1250	1288	-		
H					132	132	141	149	182	182	225	225	248	248	275		
HD					222	222	241	261	314	314	385	385	428	428	425		
AC					193	193	217	232	279	279	325	325	370	370	415		

"A₁" Ölçüsü Frenli Motorlar içindir.
Dimension "A₁" is for motors with brake
Maß "A₁" ist für Motoren mit Bremse

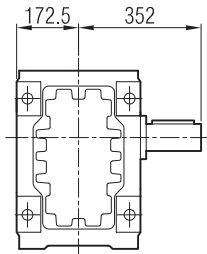




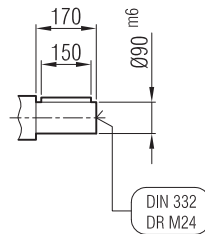
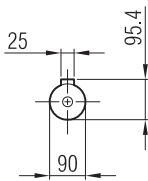
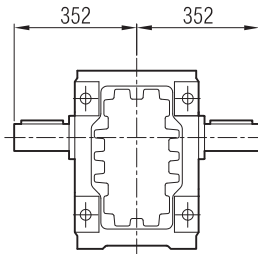
İRKPM 123



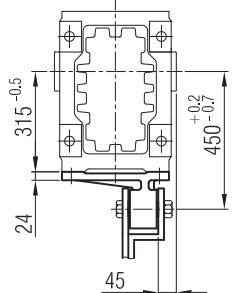
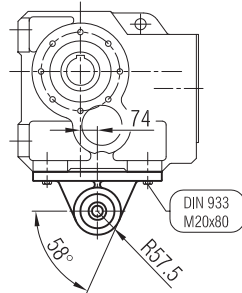
... -01



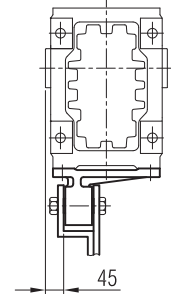
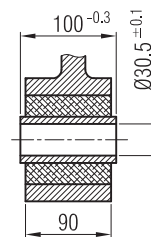
... -02



... -LT



... -RT



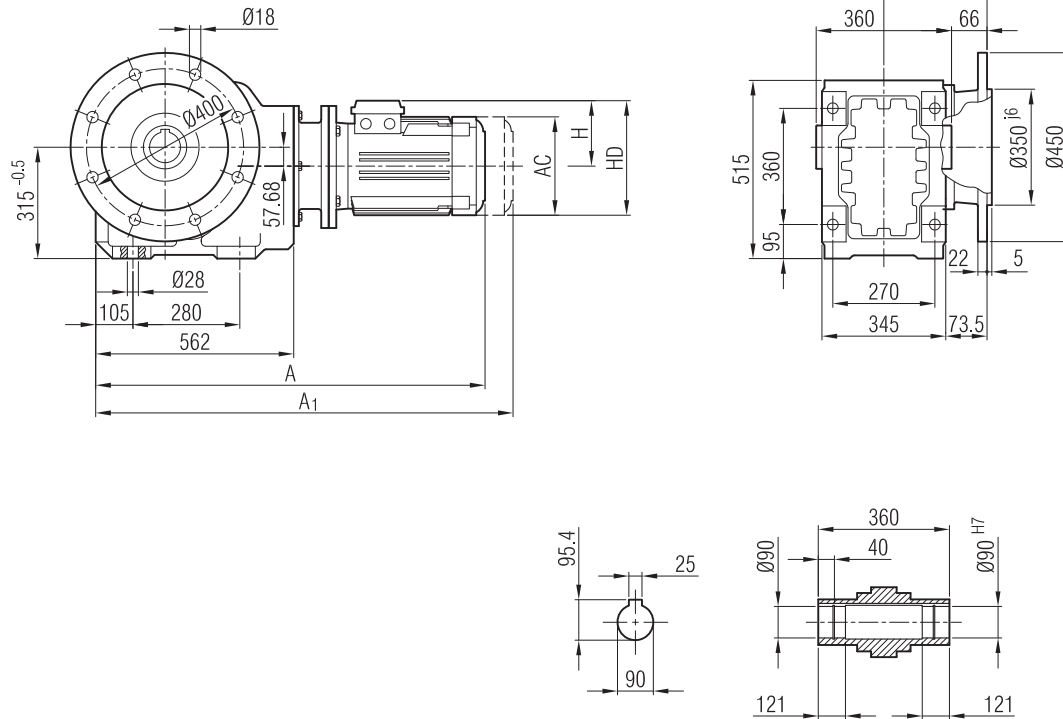
	56/B5	63/B5	71/B5	80/B5	90 S/B5	90 L/B5	100/B5	112/B5	132 S/B5	132 M/B5	160 M/B5	160 L/B5	180 M/B5	180 L/B5	200/B5	225 S/B5	225 M/B5
A							934	955	1021	1067	1144	1188	1202	1240	1358	1383	1408
A ₁							1024	1080	1126	1172	1264	1308	1322	1360	-	-	-
H							141	149	182	182	225	225	248	248	275	285	285
HD							241	261	314	314	385	385	428	428	425	510	510
AC							217	232	279	279	325	325	370	370	415	456	456

"A₁" Ölçüsü Frenli Motorlar içindir.
Dimension "A₁" is for motors with brake
Maß "A₁" ist für Motoren mit Bremse

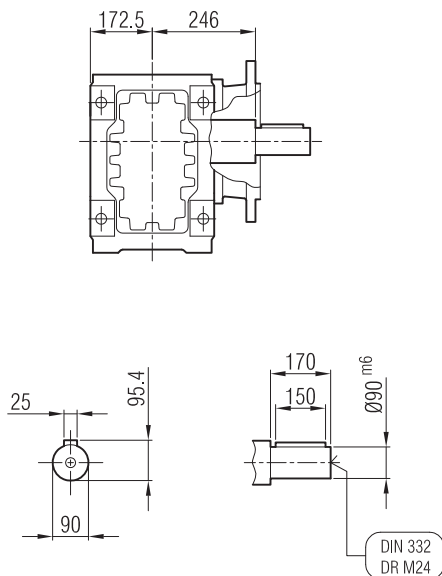




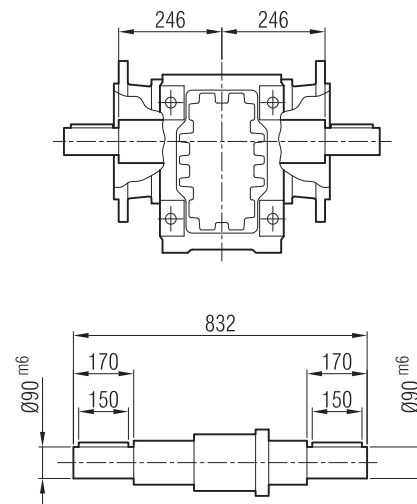
İRKFPM 123



... -01



... -02



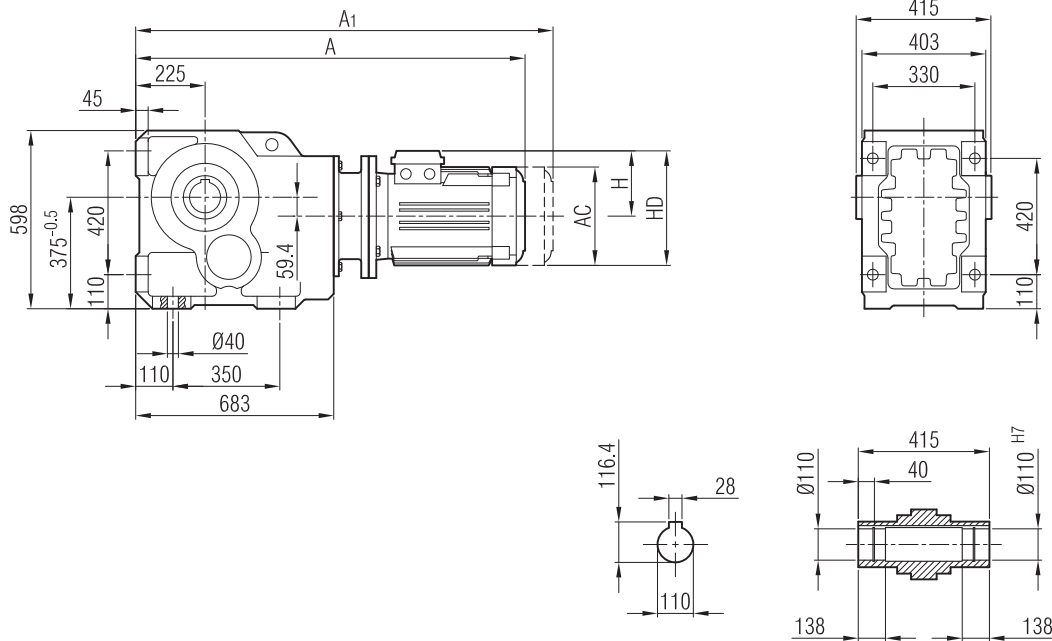
	56/B5	63/B5	71/B5	80/B5	90 S/B5	90 L/B5	100/B5	112/ B5	132 S/B5	132 M/B5	160 M/B5	160 L/B5	180 M/B5	180 L/B5	200/B5	225 S/B5	225 M/B5
A							934	955	1021	1067	1144	1188	1202	1240	1358	1383	1408
A ₁							1024	1080	1126	1172	1264	1308	1322	1360	-	-	-
H							141	149	182	182	225	225	248	248	275	285	285
HD							241	261	314	314	385	385	428	428	425	510	510
AC							217	232	279	279	325	325	370	370	415	456	456

"A₁" Ölçüsü Frenli Motorlar içindir.
Dimension "A₁" is for motors with brake
Maß "A₁" ist für Motoren mit Bremse

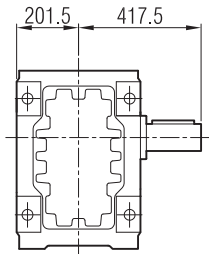




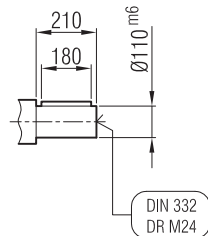
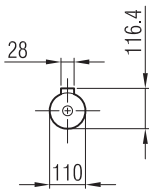
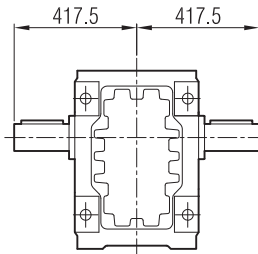
İRKPM 143



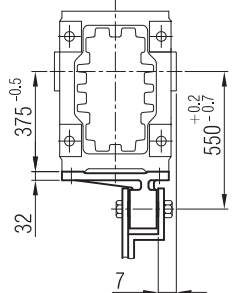
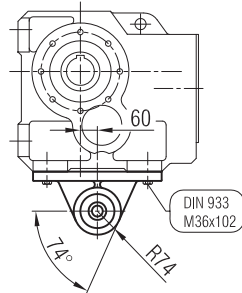
... -01



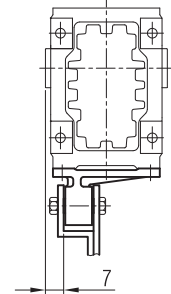
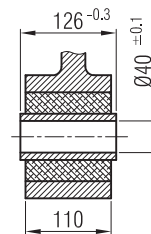
... -02



... -LT



... -RT



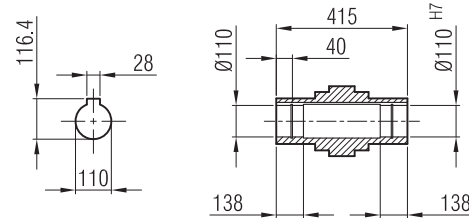
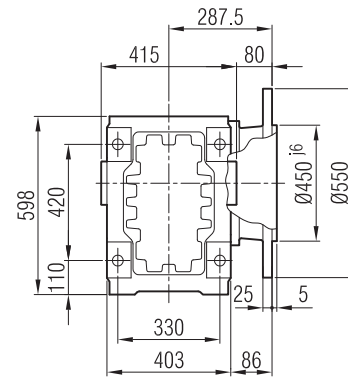
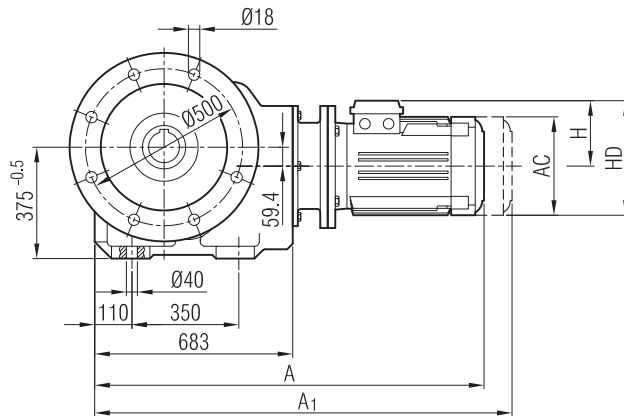
	80/B5	90 S/B5	90 L/B5	100/B5	112/ B5	132 S/B5	132 M/B5	160 M/B5	160 L/B5	180 M/B5	180 L/B5	200/B5	225 S/B5	225 M/B5	250/B5	280 S/B5	280 M/B5
A					1072	1142	1188	1265	1309	1323	1361	1479	1504	1529	1601	1613	1664
A ₁					1197	1284	1330	1455	1499	1518	1556	-	-	-	-	-	-
H					149	182	182	225	225	248	248	275	285	285	322	350	350
HD					261	314	314	385	385	428	428	475	510	510	572	630	630
AC					232	279	279	323	323	370	370	415	456	456	480	544	544

"A₁" Ölçüsü Frenli Motorlar içindir.
Dimension "A₁" is for motors with brake
Maß "A₁" ist für Motoren mit Bremse

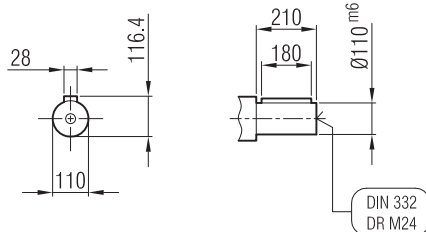
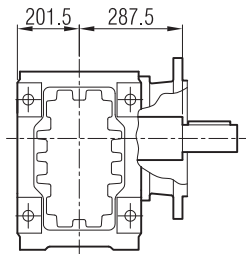




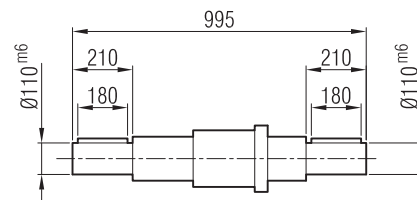
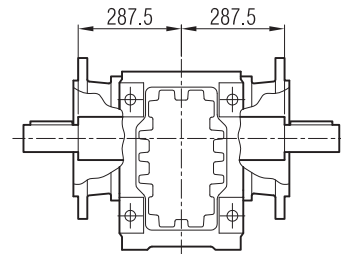
İRKFPM 143



... -01



... -02



	80/B5	90 S/B5	90 L/B5	100/B5	112/ B5	132 S/B5	132 M/B5	160 M/B5	160 L/B5	180 M/B5	180 L/B5	200/B5	225 S/B5	225 M/B5	250/B5	280 S/B5	280 M/B5
A					1072	1142	1188	1265	1309	1323	1361	1479	1504	1529	1601	1613	1664
A ₁					1197	1284	1330	1455	1499	1518	1556	-	-	-	-	-	-
H					149	182	182	225	225	248	248	275	285	285	322	350	350
HD					261	314	314	385	385	428	428	475	510	510	572	630	630
AC					232	279	279	323	323	370	370	415	456	456	480	544	544

"A₁" Ölçüsü Frenli Motorlar içindir.
Dimension "A₁" is for motors with brake
Maß "A₁" ist für Motoren mit Bremse





İRK ...



İRK ... - 01



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İRK ... - 01


n₁ = 1400
**d/d
r.p.m**

Servis Faktörü Service Factor Betriebsfaktor	S _f =1 S _r =1 S _f =1	P ₁	n ₂	İ	M ₂	F _{Q1}	F _{Q10}	Tip Type Typ			kg
		GÜÇ	Çıkış Devri	Tahvil	Çıkış Momenti	Rad. Yük	Rad. Yük				
		Power Leistung	Output Speeds Abtriebswelle Drehzahlen	Ratio Übersetzung	Output Torque Abtriebswelle Drehmomente	Over Loads Querkräfte	Over Loads Querkräfte				
		[kW]	[r.p.m]		[Nm]	[N]	[N]				
400 Nm		0,007	0,14	9714	400	475	7000	İRK İRK F 63 İR 53			
		0,007	0,16	8753	400	475	7000				
		0,008	0,18	7591	400	475	7000				
		0,009	0,20	6899	400	475	7000				
		0,011	0,24	5810	400	475	7000				
		0,013	0,28	5039	400	475	7000				
		0,015	0,32	4414	400	475	7000				
		0,016	0,36	3898	400	475	7000				
		0,019	0,41	3415	400	475	7000				
		0,023	0,51	2769	400	475	7000				
		0,026	0,57	2445	400	475	7000				
		0,030	0,64	2173	400	475	7000				
		0,034	0,75	1868	400	475	7000				
		0,038	0,84	1669	400	475	7000				
		0,043	0,94	1497	400	475	7000				
		0,048	1,0	1348	400	475	7000				
		0,053	1,2	1216	400	475	7000				
		0,058	1,3	1100	400	475	7000				
		0,07	1,6	868	400	475	7000				
		0,08	1,8	771	400	475	7000				
		0,10	2,1	663	400	475	7000				
		0,11	2,4	592	400	475	7000				
		0,12	2,6	531	400	475	7000				
		0,13	2,9	478	400	475	7000				
		0,15	3,2	432	400	475	7000				
		0,17	3,7	378	400	475	7000				
		0,18	4,1	342	400	475	7000				
		0,19	4,3	325	400	475	7000				
		0,22	4,9	288	400	475	7000				
		0,25	5,5	253	400	475	7000				
		0,28	6,2	226	400	475	7000				
		0,31	6,9	203	400	475	7000				
		0,35	7,7	183	400	475	7000				
		0,39	8,7	161	400	475	7000				
		0,43	9,6	146	400	475	7000				
		0,45	10	139	400	475	7000				
		0,51	11	125	400	475	7000				
		0,56	12	113	400	475	7000				
		0,59	13	108	400	475	7000				
		0,67	15	95	400	475	7000				
		0,46	11	133,140	400	590	7000	İRK İRK F 63			
		0,51	12	121,008	400	590	7000				
		0,53	12	115,460	400	590	7000				
		0,58	13	104,939	400	590	7000				
		0,67	15	91,930	400	590	7000				
		0,74	17	82,843	400	590	7000				
		0,85	19	71,842	400	590	7000				
		0,94	21	65,295	400	590	7000				
		1,1	24	57,201	400	590	7000				
		1,2	28	50,515	400	590	7000				
		1,4	31	44,898	400	590	7000				
		1,6	36	38,584	400	590	7000				



$n_1 = 1400$

d/d
r.p.m

		P ₁	n ₂	i	M ₂	F _{Q1}	F _{Q10}			
Servis Faktörü	S _f =1	GÜÇ	Çıkış Devri	Tahvil	Çıkış Momenti	Rad. Yük	Rad. Yük	Tip		
Service Factor	S _f =1	Power	Output Speeds	Ratio	Output Torque	Over Loads	Over Loads	Type		
Betriebsfaktor	S _f =1	Leistung	Abtriebswelle Drehzahlen	Übersetzung	Abtriebswelle Drehmomente	Querkräfte	Querkräfte	Typ		
		[kW]	[r.p.m]		[Nm]	[N]	[N]			kg
400 Nm	1,8	41	34,472	400	590	7000	İRK İRK F 63	579	26	
	2,0	45	30,928	400	590	7000				
	2,2	50	27,841	400	590	7000				
	2,4	56	25,128	400	590	7000				
	2,7	62	22,725	400	590	7000				
	2,8	65	21,591	400	590	7000				
	3,2	73	19,106	400	590	7000				
	3,6	83	16,836	400	590	7000				
	4,1	93	15,042	400	590	7000				
	4,5	104	13,496	400	590	7000				
	5,1	115	12,148	400	590	7000				
	5,6	128	10,965	400	590	7000				
	5,9	134	10,440	400	590	7000				
	6,5	149	9,423	400	590	7000				
	7,2	164	8,521	400	590	7000				
	7,6	173	8,096	400	590	7000				
	8,6	195	7,165	400	590	7000				
780 Nm	0,01	0,11	12336	780	475	12100	İRK İRK F 73 İR 53	595	42	
	0,01	0,13	11126	780	475	12100				
	0,01	0,15	9648	780	475	12100				
	0,02	0,17	8183	780	475	12100				
	0,02	0,20	7096	780	475	12100				
	0,02	0,23	6217	780	475	12100				
	0,02	0,24	5735	780	475	12100				
	0,03	0,29	4892	780	475	12100				
	0,03	0,31	4460	780	475	12100				
	0,04	0,40	3475	780	475	12100				
	0,04	0,50	2808	780	475	12100				
	0,05	0,55	2544	780	475	12100				
	0,05	0,61	2314	780	475	12100				
	0,06	0,72	1932	780	475	12100				
	0,07	0,79	1762	780	475	12100				
	0,08	0,90	1556	780	475	12100				
	0,09	1,02	1368	780	475	12100				
	0,11	1,3	1089	780	475	12100	İRK İRK F 73 İR 52	595	41	
	0,14	1,6	880	780	475	12100				
	0,15	1,8	797	780	475	12100				
	0,18	2,0	697	780	475	12100				
	0,19	2,2	634	780	475	12100				
	0,23	2,6	529	780	475	12100				
	0,25	2,9	484	780	475	12100				
	0,29	3,3	426	780	475	12100				
	0,32	3,7	380	780	475	12100				
	0,37	4,2	335	780	475	12100				
0,42	4,7	295	780	475	12100					
0,47	5,4	260	780	475	12100					
0,56	6,3	222	780	475	12100					
0,63	7,1	196	780	475	12100					
0,71	8,1	173	780	475	12100					
0,79	9,0	156	780	475	12100					
0,89	10	138	780	475	12100					
1,01	11	122	780	475	12100					




n₁ = 1400
d/d
r.p.m

Servis Faktörü Service Factor Betriebsfaktor	S _f =1 S _f =1 S _f =1	P ₁	n ₂	İ	M ₂	F _{Q1}	F _{Q10}	Tip Type Typ			kg
		GÜÇ	Çıkış Devri	Tahvil	Çıkış Momenti	Rad. Yük	Rad. Yük				
		Power Leistung	Output Speeds Abtriebswelle Drehzahlen	Ratio Übersetzung	Output Torque Abtriebswelle Drehmomente	Over Loads Querkräfte	Over Loads Querkräfte				
		[kW]	[r.p.m]		[Nm]	[N]	[N]				
780 Nm		0,89	10	133,989	780	590	12100	İRK İRK F 73	581	36	
		0,96	11	125,038	780	590	12100				
		1,0	12	117,030	780	590	12100				
		1,3	15	91,961	780	590	12100				
		1,6	19	74,320	780	590	12100				
		1,9	22	63,397	780	590	11000				
		2,3	27	51,235	780	590	11000				
		2,6	30	46,413	780	590	11000				
		2,8	33	42,212	780	590	11000				
		3,4	40	35,251	780	590	10500				
		3,7	44	32,154	780	590	10500				
		4,2	49	28,387	780	590	10500				
		4,8	56	24,947	780	590	10500				
		5,4	64	22,024	780	590	10500				
		6,1	72	19,505	780	590	10500				
		6,8	80	17,590	780	590	10500				
		7,7	90	15,530	780	590	10500				
		8,7	102	13,753	780	590	10000				
		9,8	115	12,206	780	590	10000				
		10,2	119	11,753	780	590	10000				
		11,0	129	10,847	780	590	10000				
		11,1	130	10,736	780	590	10000				
		13,0	152	9,189	780	590	10000				
		14,7	172	8,155	780	590	10000				
		16,5	193	7,247	780	590	10000				
1500 Nm		0,01	0,08	17533	1500	475	19180	İRK İRK F 83 İR 53	597	70	
		0,02	0,09	15157	1500	475	19180				
		0,02	0,11	12996	1500	475	19180				
		0,02	0,14	9908	1500	475	19180				
		0,03	0,16	8812	1500	475	19180				
		0,03	0,19	7420	1500	475	19180				
		0,04	0,22	6435	1500	475	19180				
		0,04	0,24	5762	1500	475	19180				
		0,05	0,30	4677	1500	475	19180				
		0,06	0,34	4097	1500	475	19180				
		0,07	0,39	3599	1500	475	19180				
		0,08	0,44	3199	1500	475	19180				
		0,08	0,48	2919	1500	475	19180				
		0,09	0,54	2577	1500	475	19180				
		0,11	0,61	2291	1500	475	19180				
		0,12	0,68	2047	1500	475	19180				
		0,13	0,75	1860	1500	475	19180				
		0,14	0,84	1669	1500	475	19180				
		0,16	0,93	1502	1500	475	19180				
		0,17	1,0	1378	1500	475	19180				
		0,20	1,1	1226	1500	475	19180				
		0,23	1,3	1041	1500	450	19180	İRK İRK F 83 İR 52	597	69	
		0,26	1,5	915	1500	450	19180				
		0,30	1,7	801	1500	450	19180				
		0,33	2,0	712	1500	450	19180				
		0,38	2,2	629	1500	450	19180				


n₁ = 1400
**d/d
r.p.m**

Servis Faktörü Service Factor Betriebsfaktor	S _f =1 S _r =1 S _f =1	P ₁	n ₂	İ	M ₂	F _{Q1}	F _{Q10}	Tip Type Typ			kg
		GÜÇ	Çıkış Devri	Tahvil	Çıkış Momenti	Rad. Yük	Rad. Yük				
		Power Leistung	Output Speeds Abtriebswelle Drehzahlen	Ratio Übersetzung	Output Torque Abtriebswelle Drehmomente	Over Loads Querkräfte	Over Loads Querkräfte				
		[kW]	[r.p.m]		[Nm]	[N]	[N]				
1500 Nm		0,42	2,5	562	1500	450	19180	İRK İRK F 83 İR 52			
		0,52	3,1	454	1500	450	19180				
		0,57	3,4	416	1500	450	19180				
		0,64	3,8	370	1500	450	19180				
		0,72	4,3	329	1500	450	19180				
		0,81	4,8	294	1500	450	19180				
		0,90	5,3	264	1500	450	19180				
		1,04	6,1	228	1500	450	19180				
		1,4	8,4	165,920	1500	2150	19180	İRK İRK F 83			
		1,6	9,8	143,440	1500	2150	19180				
		1,8	11	126,500	1500	2150	19180				
		2,0	12	112,500	1500	2150	19180				
		2,2	13	106,331	1500	2150	19180				
		2,5	15	93,769	1500	2150	19180				
		2,8	17	83,391	1500	2150	19180				
		3,1	19	74,674	1500	2150	19180				
		3,8	23	60,605	1500	2150	19180				
		4,3	26	53,541	1500	2150	19180				
		4,9	30	47,321	1500	2150	19180				
		5,4	33	42,279	1500	2150	19180				
		6,1	37	37,931	1500	2150	19180				
		6,7	41	34,145	1500	2150	19180				
		7,3	45	31,342	1500	2150	19180				
		8,3	50	27,857	1500	2150	19180				
		9,2	56	24,882	1500	2150	19180				
		10,3	63	22,329	1500	2150	19180				
		11,9	72	19,332	1500	2150	19180				
		13,3	81	17,273	1500	2150	19180				
		14,8	90	15,497	1500	2150	19180				
		16,5	100	13,950	1500	2150	19180				
		18,3	111	12,591	1500	2150	19180				
		20,2	123	11,387	1500	2150	19180				
		22,3	136	10,313	1500	2150	19180				
		24,6	150	9,349	1500	2150	19180				
		27,6	168	8,350	1500	2150	19180				
		30,6	186	7,527	1500	2150	19180				
		33,7	205	6,824	1500	2150	19180				
2700 Nm		0,03	0,10	14401	2700	590	24500	İRK İRK F 93 İR 63			
		0,03	0,11	13063	2700	590	24500				
		0,04	0,12	11908	2700	590	24500				
		0,04	0,14	9885	2700	590	24500				
		0,05	0,16	8813	2700	590	24500				
		0,05	0,18	7913	2700	590	24500				
		0,06	0,20	7146	2700	590	24500				
		0,08	0,25	5699	2700	590	24500				
		0,08	0,27	5137	2700	590	24500				
		0,10	0,33	4218	2700	590	24500				
		0,11	0,35	3962	2700	590	24500				
		0,12	0,40	3484	2700	590	24500				
		0,14	0,44	3206	2700	590	24500				
		0,16	0,53	2632	2700	590	24500				
		0,19	0,60	2338	2700	590	24500				
		0,22	0,70	2002	2700	590	24500				


 n₁ = 1400 d/d
r.p.m

Servis Faktörü Service Factor Betriebsfaktor	S _f = 1 S _f = 1 S _f = 1	P ₁	n ₂	İ	M ₂	F _{Q1}	F _{Q10}	Tip Type Typ		
		GÜÇ	Çıkış Devri	Tahvil	Çıkış Momenti	Rad. Yük	Rad. Yük			
		Power Leistung	Output Speeds Abtriebswelle Drehzahlen	Ratio Übersetzung	Output Torque Abtriebswelle Drehmomente	Over Loads Querkräfte	Over Loads Querkräfte			
		[kW]	[r.p.m]		[Nm]	[N]	[N]			kg
2700 Nm		0,24	0,78	1797	2700	590	24500	İRK İRK F 93 İR 63		599 114 600 127
		0,27	0,86	1620	2700	590	24500			
		0,30	0,95	1466	2700	590	24500			
		0,36	1,2	1210	2700	590	24500			
		0,38	1,3	1116	2700	550	24500	İRK İRK F 93 İR 62		599 113 600 126
		0,43	1,4	995	2700	550	24500			
		0,48	1,6	893	2700	550	24500			
		0,66	2,2	643	2700	550	24500			
		0,74	2,4	580	2700	550	24500			
		0,81	2,7	525	2700	550	24500			
		0,90	2,9	476	2700	550	24500			
		0,95	3,1	447	2700	550	24500			
		1,2	3,9	362	2700	550	24500			
		1,3	4,3	327	2700	550	24500			
		1,5	5,0	280	2700	550	24500			
		1,7	5,6	252	2700	550	24500			
		1,9	6,2	227	2700	550	24500			
		2,1	6,8	205	2700	550	24500			
		2,3	7,5	186	2700	550	24500			
		2,3	7,8	179,487	2700	2600	24500	İRK İRK F 93		585 126 586 130
		2,6	8,8	158,461	2700	2600	24500			
		2,8	9,4	149,450	2700	2600	24500			
		3,1	10	133,779	2700	2600	24500			
		3,4	12	120,615	2700	2600	24500			
		3,8	13	109,401	2700	2600	24500			
		4,2	14	99,734	2700	2600	24500			
		5,0	17	82,792	2700	2600	24500			
		5,6	19	73,814	2700	2600	24500			
		6,2	21	66,272	2700	2600	24500			
		6,9	23	59,848	2700	2600	24500			
		7,8	26	53,181	2700	2600	24500			
		8,7	29	47,727	2700	2600	24500			
		9,6	33	43,025	2700	2600	24500			
		10,6	36	38,929	2700	2600	24500			
		11,7	40	35,330	2700	2600	24500			
		12,5	42	33,185	2700	2600	24500			
		13,9	47	29,781	2700	2600	24500			
		15,4	52	26,847	2700	2600	24500			
		17,0	58	24,292	2700	2600	24500			
		18,8	64	22,046	2700	2600	24500			
		19,9	67	20,800	2700	2600	24500			
		22,2	75	18,666	2700	2600	24500			
		24,6	83	16,827	2700	2600	24500			
		27,2	92	15,225	2700	2600	24500			
		30,0	101	13,818	2700	2600	24500			
		32,9	111	12,571	2700	2600	24500			
		36,1	122	11,459	2700	2600	24500			
		39,6	134	10,461	2700	2600	24500			
		43,3	146	9,560	2700	2600	24500			
		50,6	171	8,189	2700	2600	24500			
		49,4	167	8,376	2700	2600	24500			
		54,2	183	7,647	2700	2600	24500			
		59,3	200	6,989	2700	2600	24500			
		66,8	226	6,202	2700	2600	24500			


n₁ = 1400
d/d
r.p.m

Servis Faktörü Service Factor Betriebsfaktor	S _f =1 S _f =1 S _f =1	P ₁	n ₂	i	M ₂	F _{Q1}	F _{Q10}	Tip Type Typ			kg
		GÜÇ	Çıkış Devri	Tahvil	Çıkış Momenti	Rad. Yük	Rad. Yük				
		Power Leistung	Output Speeds Abtriebswelle Drehzahlen	Ratio Übersetzung	Output Torque Abtriebswelle Drehmomente	Over Loads Querkräfte	Over Loads Querkräfte				
		[kW]	[r.p.m]		[Nm]	[N]	[N]				
4300 Nm		0,04	0,08	18013	4300	590	37000	İRK İRK F 103 İR 63	601	181	
		0,04	0,09	15999	4300	590	37000				
		0,05	0,10	14335	4300	590	37000				
		0,05	0,11	12937	4300	590	37000				
		0,06	0,12	11746	4300	590	37000				
		0,08	0,15	9169	4300	590	37000				
		0,09	0,18	7738	4300	590	37000				
		0,10	0,21	6820	4300	590	37000				
		0,13	0,26	5423	4300	590	37000				
		0,16	0,32	4412	4300	590	37000				
		0,17	0,35	4004	4300	590	37000				
		0,20	0,40	3486	4300	590	37000				
		0,25	0,51	2772	4300	590	37000				
		0,31	0,62	2255	4300	590	37000				
		0,34	0,68	2047	4300	590	37000				
		0,35	0,70	1993	4300	590	37000				
		0,44	0,89	1572	4300	590	37000				
		0,48	0,98	1427	4300	590	37000				
		0,53	1,1	1304	4300	590	37000				
		0,59	1,2	1174	4300	590	37000				
		0,65	1,3	1061	4300	590	37000				
		0,79	1,6	877	4300	590	37000				
		0,91	1,8	757	4300	590	37000				
		1,12	2,3	616	4300	590	37000				
		1,23	2,5	559	4300	590	37000				
		1,36	2,8	509	4300	590	37000				
		1,60	3,2	432	4300	590	37000				
		1,76	3,6	392	4300	590	37000				
		1,93	3,9	357	4300	590	37000				
		2,2	4,5	314	4300	550	37000	İRK İRK F 103 İR 62	601	180	
		2,4	4,9	285	4300	550	37000				
		2,6	5,4	261	4300	550	37000				
		2,9	6,0	235	4300	550	37000				
		3,2	6,6	212	4300	550	37000				
		3,9	8,0	175	4300	550	37000				
		3,8	8,1	171,785	4300	3150	37000	İRK İRK F 103	587	131	
		4,1	8,7	160,273	4300	3150	37000				
		4,7	9,9	140,786	4300	3150	37000				
		5,3	11	125,041	4300	3150	37000				
		5,9	12	112,034	4300	3150	37000				
		6,5	14	101,108	4300	3150	37000				
		7,2	15	91,800	4300	3150	37000				
		8,6	18	76,789	4300	3150	37000				
		10,2	22	64,809	4300	3150	37000				
		11,5	25	57,114	4300	3150	37000				
		14,4	31	45,717	4300	3150	37000				
		16,1	34	40,868	4300	3150	37000				
		17,9	38	36,947	4300	3150	37000				
		19,7	42	33,531	4300	3150	37000				
		21,5	46	30,650	4300	3150	37000				
		23,9	51	27,581	4300	3150	37000				
		26,5	56	24,934	4300	3150	37000				
		29,1	62	22,629	4300	3150	37000				



$n_1 = 1400$

d/d
r.p.m

		P ₁	n ₂	i	M ₂	F _{Q1}	F _{Q10}							
Servis Faktörü	S _f =1	GÜÇ	Çıkış Devri	Tahvil	Çıkış Momenti	Rad. Yük	Rad. Yük	Tip						
Service Factor	S _f =1	Power	Output Speeds	Ratio	Output Torque	Over Loads	Over Loads	Type						
Betriebsfaktor	S _f =1	Leistung	Abtriebswelle Drehzahlen	Übersetzung	Abtriebswelle Drehmomente	Querkräfte	Querkräfte	Typ						
		[kW]	[r.p.m]		[Nm]	[N]	[N]			kg				
4300 Nm		32,0	68	20,604	4300	3150	37000	İRK İRK F 103	587	131				
		35,1	74	18,809	4300	3150	37000							
		37,1	79	17,797	4300	3150	37000							
		41,2	87	16,014	4300	3150	37000							
		45,6	97	14,478	4300	3150	37000							
		50,2	107	13,139	4300	3150	37000							
		55,1	117	11,963	4300	3150	37000							
		60,4	128	10,921	4300	3150	37000							
		66,0	140	9,992	4300	3150	37000							
		72,0	153	9,158	4300	3150	37000							
		85,4	181	7,724	4300	3150	37000							
		92,9	197	7,102	4300	3150	37000							
	101,0	214	6,533	4300	3150	37000								
8000 Nm		0,08	0,09	15860	8000	1200	60800	İRK İRK F 123 İR 73	603	284				
		0,09	0,10	14323	8000	1200	60800							
		0,10	0,11	13014	8000	1200	60800							
		0,11	0,12	11886	8000	1200	60800							
		0,12	0,13	10903	8000	1200	60800							
		0,13	0,14	9721	8000	1200	60800							
		0,15	0,16	8585	8000	1200	60800							
		0,17	0,18	7630	8000	1200	60800							
		0,19	0,21	6596	8000	1200	60800							
		0,22	0,24	5893	8000	1200	60800							
		0,24	0,26	5288	8000	1200	60800							
		0,28	0,31	4526	8000	1200	60800							
		0,32	0,35	4023	8000	1200	60800							
		0,36	0,39	3594	8000	1200	60800							
		0,40	0,43	3225	8000	1200	60800							
		0,44	0,48	2903	8000	1200	60800							
		0,46	0,50	2781	8000	1200	60800							
		0,52	0,57	2472	8000	1200	60800							
		0,58	0,63	2208	8000	1200	60800							
		0,65	0,71	1982	8000	1200	60800							
		0,72	0,78	1784	8000	1200	60800							
		0,80	0,87	1610	8000	1200	60800							
		0,88	0,96	1456	8000	1200	60800							
		0,97	1,1	1319	8000	1200	60800							
		1,07	1,2	1195	8000	1200	60800							
		1,18	1,3	1084	8000	1200	60800							
			0,64	0,71	1983	8000	1200				60800	İRK İRK F 123 İR 72	603	282
			0,73	0,80	1743	8000	1200				60800			
	0,82	0,90	1549	8000	1200	60800								
	0,91	1,0	1389	8000	1200	60800								
	1,0	1,1	1255	8000	1200	60800								
	1,1	1,2	1140	8000	1200	60800								
	1,2	1,3	1041	8000	1200	60800								
	1,5	1,6	852	8000	1200	60800								
	1,7	1,9	752	8000	1200	60800								
	1,9	2,1	668	8000	1200	60800								
	2,1	2,3	597	8000	1200	60800								
	2,4	2,6	536	8000	1200	60800								
	2,8	3,1	458	8000	1200	60800								
	3,1	3,4	408	8000	1200	60800								




 $n_1 = 1400$

 d/d
r.p.m

Servis Faktörü Service Factor Betriebsfaktor	$S_f=1$ $S_f=1$ $S_f=1$	P ₁	n ₂	i	M ₂	F _{Q1}	F _{Q10}	Tip Type Typ			kg
		GÜÇ	Çıkış Devri	Tahvil	Çıkış Momenti	Rad. Yük	Rad. Yük				
		Power Leistung	Output Speeds Abtriebswelle Drehzahlen	Ratio Übersetzung	Output Torque Abtriebswelle Drehmomente	Over Loads Querkräfte	Over Loads Querkräfte				
		[kW]	[r.p.m]		[Nm]	[N]	[N]				
8000 Nm		3,5	3,8	364	8000	1200	60800	İRK İRK F 123 İR 72			
		3,9	4,3	327	8000	1200	60800				
		4,3	4,8	294	8000	1200	60800				
		4,5	5,0	282	8000	1200	60800				
		5,1	5,6	250	8000	1200	60800				
		5,5	6,1	228	8000	1200	60800				
		6,3	7,0	201	8000	1200	60800				
		7,0	7,7	181	8000	1200	60800				
		7,8	8,6	163	8000	1200	60800				
		8,5	9,5	148	8000	1200	60800				
		9,4	10	134	8000	1200	60800				
		10,5	12	121	8000	1200	60800				
		8,4	9,6	146,568	8000	3750	60000	İRK İRK F 123			
		9,5	11	128,859	8000	3750	60000				
		10,7	12	114,523	8000	3750	60000				
		12,0	14	102,681	8000	3750	55000				
		13,2	15	92,733	8000	3750	55000				
		14,6	17	84,259	8000	3750	55000				
		15,9	18	76,954	8000	3750	55000				
		17,4	20	70,591	8000	3750	50000				
		19,5	22	62,936	8000	3750	50000				
		22,1	25	55,579	8000	3750	50000				
		24,8	28	49,400	8000	3750	50000				
		27,8	32	44,135	8000	3750	50000				
		31,0	35	39,597	8000	3750	45000				
		36,2	41	33,897	8000	3750	45000				
		40,7	46	30,128	8000	3750	40000				
		45,6	52	26,917	8000	3750	40000				
		50,8	58	24,150	8000	3750	40000				
		56,5	64	21,739	8000	3750	40000				
		58,9	67	20,829	8000	3750	40000				
		66,3	76	18,513	8000	3750	40000				
		74,2	85	16,540	8000	3750	35000				
		82,7	94	14,840	8000	3750	35000				
		91,9	105	13,358	8000	3750	35000				
		101,8	116	12,056	8000	3750	35000				
		112,5	128	10,904	8000	3750	25000				
		124,3	142	9,875	8000	3750	25000				
		137,1	156	8,952	8000	3750	25000				
		151,1	172	8,120	8000	3750	25000				
		0,10	0,07	21208	13000	1200	75000	İRK İRK F 143 İR 73			
		0,11	0,08	18335	13000	1200	75000				
		0,14	0,09	14883	13000	1200	75000				
		0,17	0,11	12431	13000	1200	75000				
		0,19	0,13	10939	13000	1200	75000				
		0,21	0,14	9706	13000	1200	75000				
		0,24	0,16	8552	13000	1200	75000				
		0,27	0,18	7589	13000	1200	75000				
		0,31	0,21	6779	13000	1200	75000				
		0,34	0,23	6090	13000	1200	75000				
		0,38	0,25	5495	13000	1200	75000				
		0,41	0,28	5059	13000	1200	75000				
		0,46	0,31	4489	13000	1200	75000				


n₁ = 1400
**d/d
r.p.m**

Servis Faktörü Service Factor Betriebsfaktor	S _f =1 S _r =1 S _f =1	P ₁	n ₂	İ	M ₂	F _{Q1}	F _{Q10}	Tip Type Typ			kg
		GÜÇ	Çıkış Devri	Tahvil	Çıkış Momenti	Rad. Yük	Rad. Yük				
		Power Leistung	Output Speeds Abtriebswelle Drehzahlen	Ratio Übersetzung	Output Torque Abtriebswelle Drehmomente	Over Loads Querkräfte	Over Loads Querkräfte				
		[kW]	[r.p.m]		[Nm]	[N]	[N]				
13000 Nm		0,52	0,35	4010	13000	1200	75000	İRK İRK F 143 İR 73	605	514	
		0,58	0,39	3602	13000	1200	75000				
		0,64	0,43	3251	13000	1200	75000				
		0,76	0,51	2728	13000	1200	75000				
		0,93	0,62	2245	13000	1200	75000				
		1,1	0,75	1866	13000	1200	75000				
		1,2	0,80	1757	13000	1200	75000				
		1,4	0,97	1446	13000	1200	75000				
		1,6	1,1	1259	13000	1200	75000	İRK İRK F 143 İR 72	605	512	
		1,9	1,3	1108	13000	1200	75000				
		2,1	1,4	983	13000	1200	75000				
		2,4	1,6	866	13000	1200	75000				
		2,7	1,8	769	13000	1200	75000				
		3,0	2,0	686	13000	1200	75000				
		3,4	2,3	598	13000	1200	75000	İRK İRK F 143 İR 72	607	512	
		3,9	2,6	530	13000	1200	75000				
		4,3	3,0	474	13000	1200	75000				
		5,4	3,6	384	13000	1200	71000				
		5,8	4,0	353	13000	1200	71000				
		6,5	4,5	314	13000	1200	71000				
		7,3	4,9	283	13000	1200	71000				
		8,2	5,6	250	13000	1200	71000				
		9,1	6,2	225	13000	1200	71000				
		10,1	6,9	203	13000	1200	71000				
		12,1	8,2	170	13000	1200	71000				
		13,6	9,3	151	13000	1200	71000				
		15,2	10	135	13000	1200	71000				
		3,6	2,5	564	13000	1550	75000	İRK İRK F 143 İR 82	607	549	
		4,1	2,8	501	13000	1550	75000				
		4,6	3,1	447	13000	1550	75000				
		5,1	3,5	402	13000	1550	75000				
		5,7	3,9	363	13000	1550	71000				
		6,4	4,4	320	13000	1550	71000				
		7,9	5,4	261	13000	1550	71000				
		9,4	6,4	219	13000	1550	71000				
		11,4	7,7	181	13000	1550	71000				
		12,5	8,5	164	13000	1550	71000				
		15,0	10	137	13000	1550	71000				
		12,9	9,1	154,311	13000	3750	65000	İRK İRK F 143	591	530	
		14,5	10	137,307	13000	3750	65000				
		16,2	11	123,260	13000	3750	65000				
		17,9	13	111,461	13000	3750	65000				
		21,4	15	93,097	13000	3750	65000				
		24,3	17	81,923	13000	3750	65000				
		27,4	19	72,692	13000	3750	61500				
		31,1	22	64,048	13000	3750	61500				
		35,1	25	56,832	13000	3750	61500				
		39,3	28	50,770	13000	3750	55000				
		43,7	31	45,606	13000	3750	55000				
		48,5	34	41,154	13000	3750	55000				
		52,6	37	37,889	13000	3750	55000				
		59,3	42	33,620	13000	3750	50000				


n₁ = 1400
d/d
r.p.m

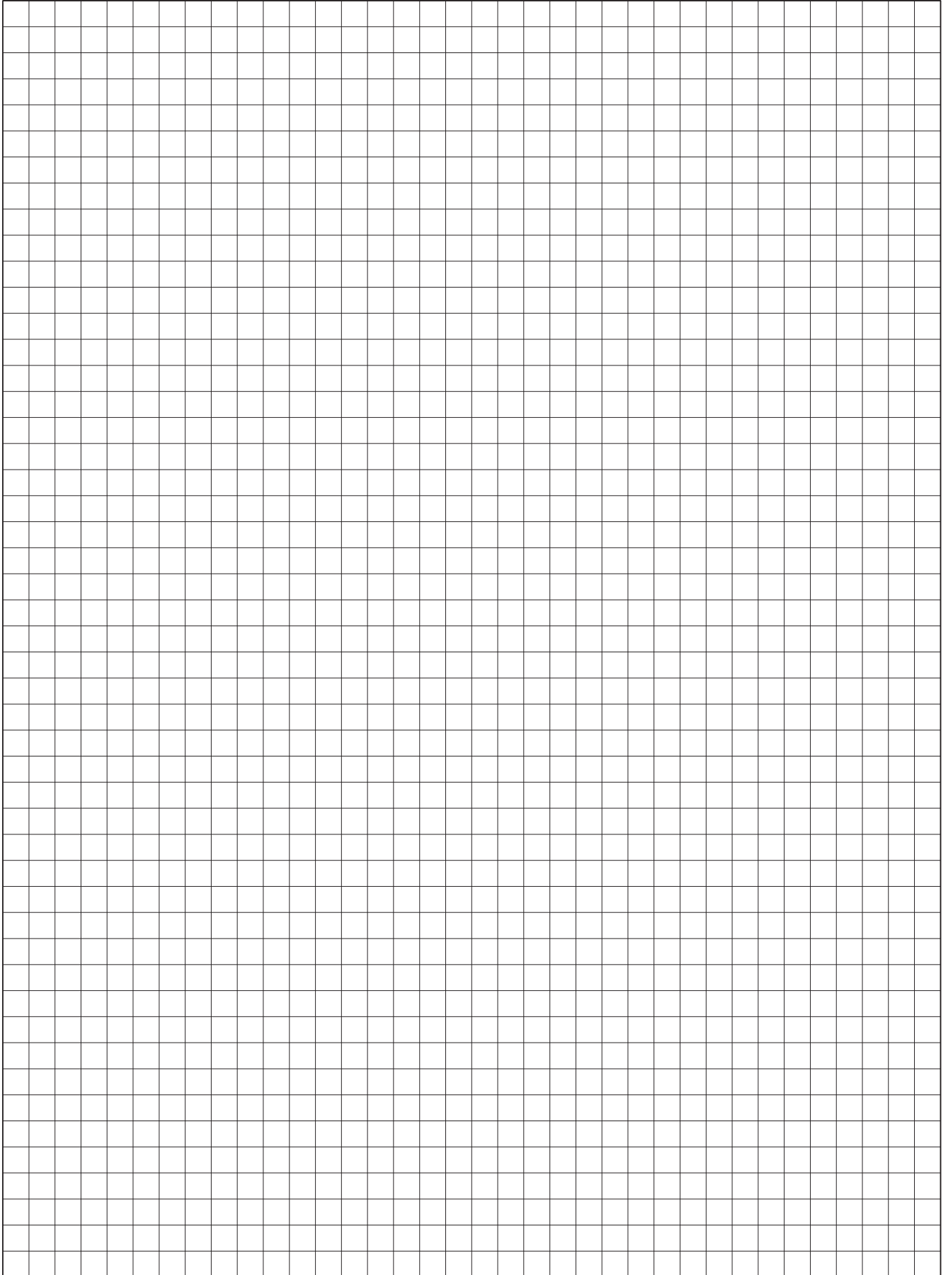
Servis Faktörü Service Factor Betriebsfaktor	S _f =1 S _f =1 S _f =1	P ₁	n ₂	i	M ₂	F _{Q1}	F _{Q10}	Tip Type Typ			kg
		GÜÇ	Çıkış Devri	Tahvil	Çıkış Momenti	Rad. Yük	Rad. Yük				
		Power	Output Speeds	Ratio	Output Torque	Over Loads	Over Loads				
		Leistung	Abtriebswelle Drehzahlen	Übersetzung	Abtriebswelle Drehmomente	Querkräfte	Querkräfte				
		[kW]	[r.p.m]		[Nm]	[N]	[N]				
13000 Nm		66,4	47	30,034	13000	3750	50000	İRK İRK F 143			
		73,9	52	26,979	13000	3750	50000				
		81,9	58	24,345	13000	3750	45000				
		88,1	62	22,639	13000	3750	45000				
		97,6	69	20,429	13000	3750	45000				
		107,8	76	18,504	13000	3750	38500				
		118,6	83	16,813	13000	3750	38500				
		130,2	91	15,315	13000	3750	38500				
		142,7	100	13,979	13000	3750	38500				
		151,6	106	13,157	13000	3750	38500				
		167,3	117	11,917	13000	3750	36000				
		184,2	129	10,828	13000	3750	36000				
		202,2	142	9,863	13000	3750	36000				
		221,5	156	9,002	13000	3750	36000				
		242,3	170	8,230	13000	3750	36000				
		264,7	186	7,533	13000	3750	36000				
		289,0	203	6,901	13000	3750	36000				


n₁ = 900
d/d
r.p.m

Servis Faktörü Service Factor Betriebsfaktor	S _f =1 S _r =1 S _f =1	P ₁	n ₂	İ	M ₂	F _{Q1}	F _{Q10}	Tip Type Typ		
		GÜÇ	Çıkış Devri	Tahvil	Çıkış Momenti	Rad. Yük	Rad. Yük			
		Power	Output Speeds	Ratio	Output Torque	Over Loads	Over Loads			
		Leistung	Abtriebswelle Drehzahlen	Übersetzung	Abtriebswelle Drehmomente	Querkräfte	Querkräfte			
		[kW]	[r.p.m]		[Nm]	[N]	[N]			kg
400 Nm		0,30	6,8	133,140	400	590	7000	İRK İRK F 63	579	26
		0,33	7,4	121,008	400	590	7000			
		0,34	7,8	115,460	400	590	7000			
		0,38	8,6	104,939	400	590	7000			
		0,43	10	91,930	400	590	7000			
		0,48	11	82,843	400	590	7000			
		0,55	13	71,842	400	590	7000			
		0,60	14	65,295	400	590	7000			
780 Nm		0,57	6,7	133,989	780	590	12100	İRK İRK F 73	581	36
		0,62	7,2	125,038	780	590	12100			
		0,66	7,7	117,030	780	590	12100			
1500 Nm		0,89	5,4	165,92	1500	2150	19180	İRK İRK F 83	583	60
		1,0	6,3	143,44	1500	2150	19180			
		1,2	7,1	126,50	1500	2150	19180			
		1,3	8,0	112,50	1500	2150	19180			
		1,4	8,5	106,33	1500	2150	19180			
2700 Nm		1,5	5,0	179,48	2700	2600	24500	İRK İRK F 93	585	126
		1,7	5,7	158,46	2700	2600	24500			
		1,8	6,0	149,45	2700	2600	24500			
		2,0	6,7	133,77	2700	2600	24500			
		2,2	7,5	120,61	2700	2600	24500			
4300 Nm		2,5	5,2	171,79	4300	3150	37000	İRK İRK F 103	587	131
		2,6	5,6	160,27	4300	3150	37000			
		3,0	6,4	140,79	4300	3150	37000			
		3,4	7,2	125,04	4300	3150	37000			
8000 Nm		7,1	8,1	111,469	8000	3750	60800	İRK İRK F 123	589	293
		7,9	9,0	99,942	8000	3750	60800			
13000 Nm		8,3	5,8	154,311	13000	3750	75000	İRK İRK F 143	591	530
		9,3	6,6	137,307	13000	3750	75000			
		10,4	7,3	123,260	13000	3750	75000			
		11,5	8,1	111,461	13000	3750	75000			

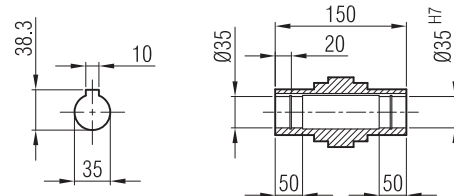
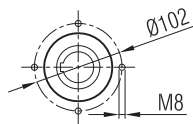
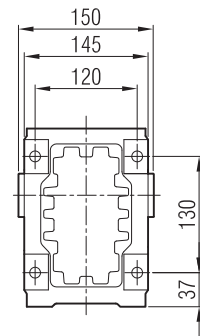
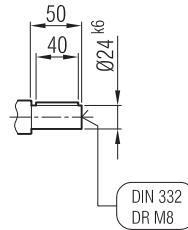
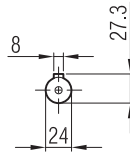
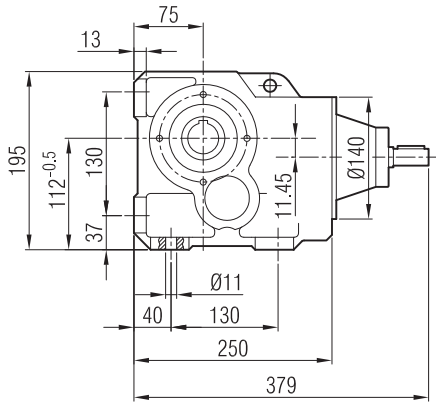

n₁ = 700 **d/d**
r.p.m

Servis Faktörü Service Factor Betriebsfaktor	S _f =1 S _f =1 S _f =1	P ₁	n ₂	İ	M ₂	F _{Q1}	F _{Q10}	Tip Type Typ		
		GÜÇ	Çıkış Devri	Tahvil	Çıkış Momenti	Rad. Yük	Rad. Yük			
		Power Leistung	Output Speeds Abtriebswelle Drehzahlen	Ratio Übersetzung	Output Torque Abtriebswelle Drehmomente	Over Loads Querkräfte	Over Loads Querkräfte			
		[kW]	[r.p.m]		[Nm]	[N]	[N]			kg
1400 Nm		0,65	4,2	165,92	1400	2150	19180	İRK 83	583	60
		0,75	4,9	143,44	1400	2150	19180		584	68
2500 Nm		1,2	4,4	158,46	2500	2600	24500	İRK 93	585	126
		1,3	4,7	149,45	2500	2600	24500		586	130
4200 Nm		2,3	5,0	140,79	4200	3150	37000	İRK 103	587	131
		2,6	5,6	125,04	4200	3150	37000		588	136
8000 Nm		4,3	4,9	142,660	8000	3750	60800	İRK 123		
		4,9	5,6	125,423	8000	3750	60800			
		5,5	6,3	111,469	8000	3750	60800			
		6,1	7,0	99,942	8000	3750	60800			
13000 Nm		6,5	4,5	154,311	13000	3750	75000	İRK 143	591	530
		7,3	5,1	137,307	13000	3750	75000		592	578
		8,1	5,7	123,260	13000	3750	75000			

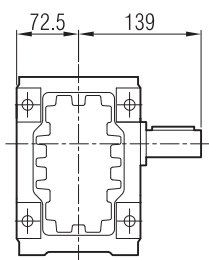




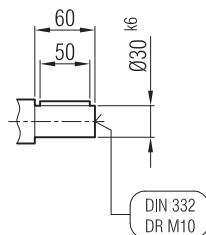
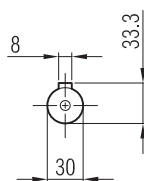
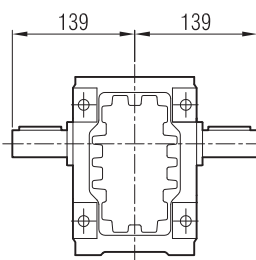
İRK 63



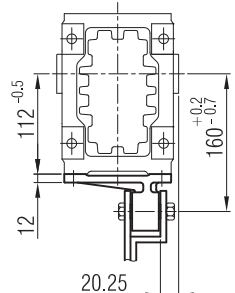
... -01



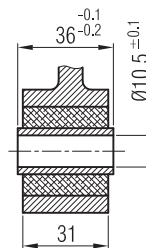
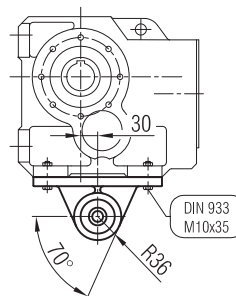
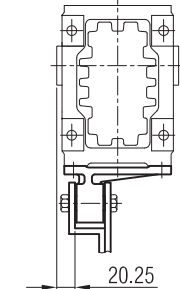
... -02



... -LT

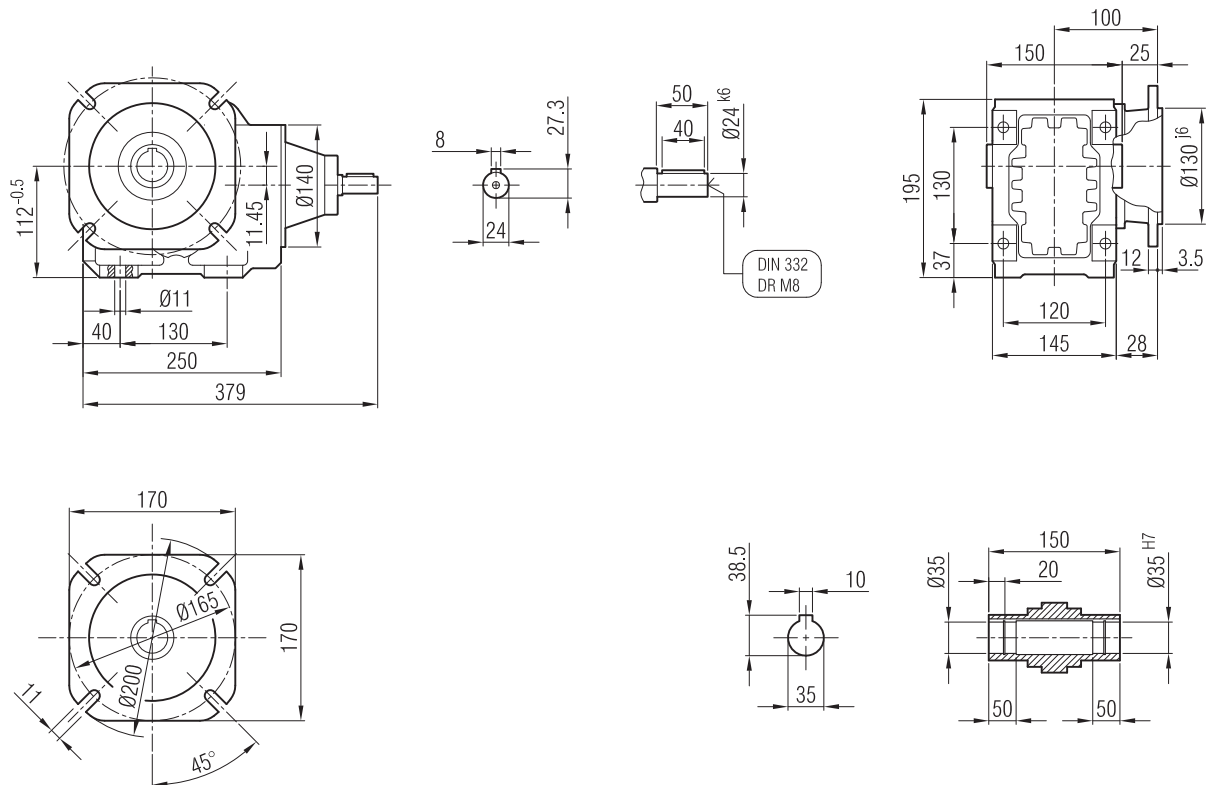


... -RT

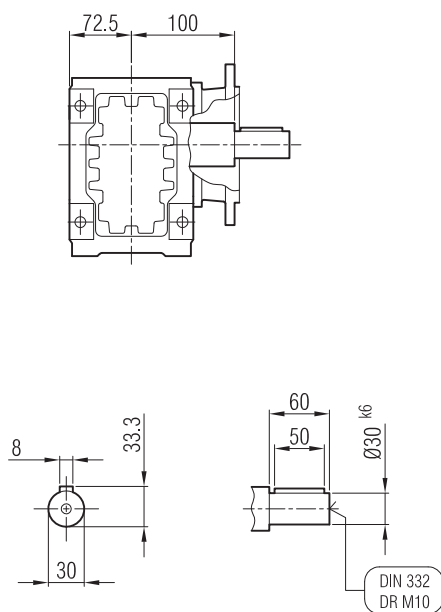




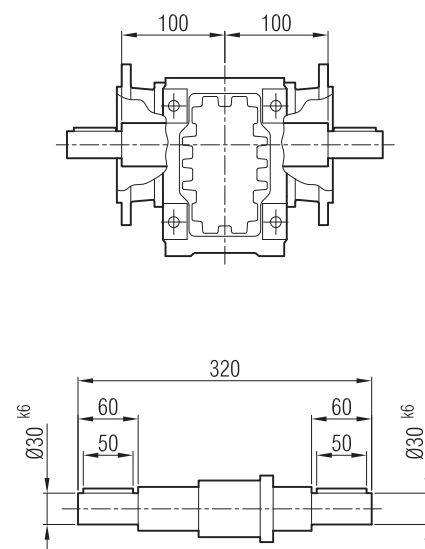
İRKF 63



... -01

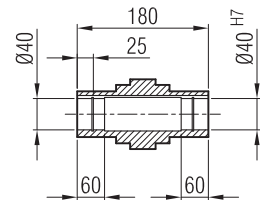
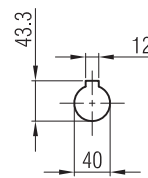
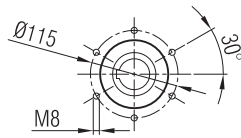
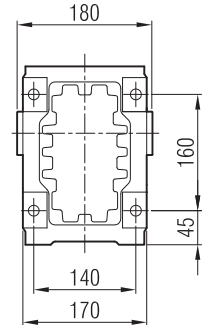
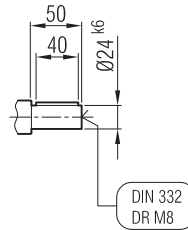
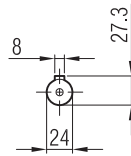
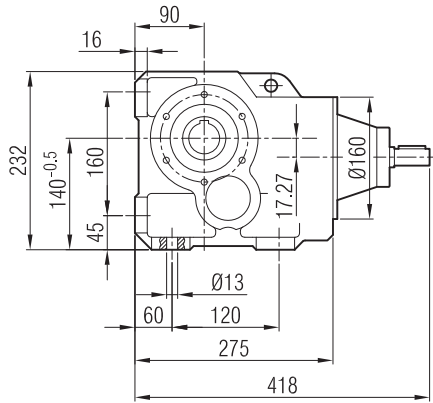


... -02

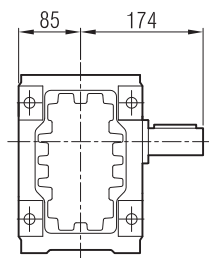




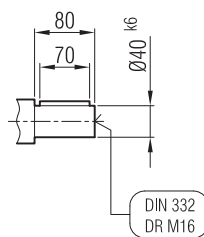
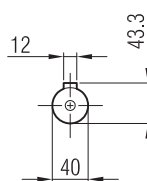
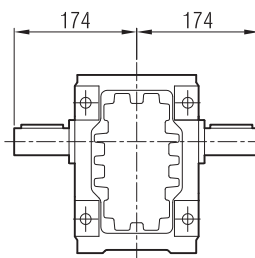
İRK 73



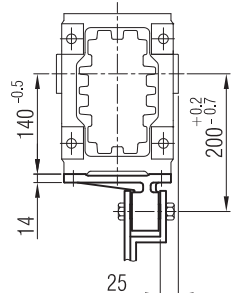
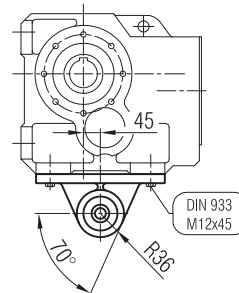
... -01



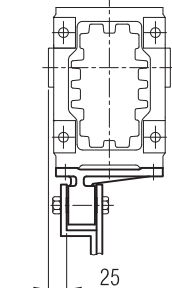
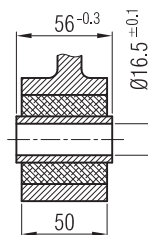
... -02



... -LT

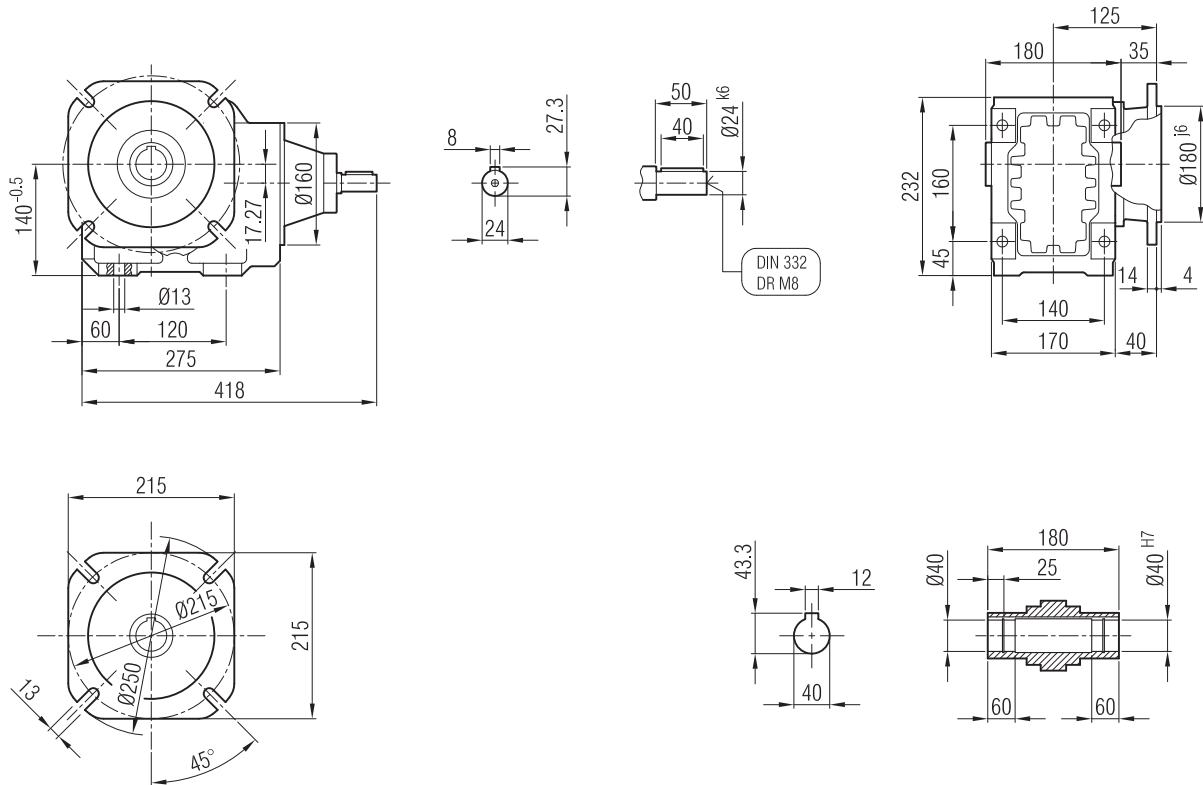


... -RT

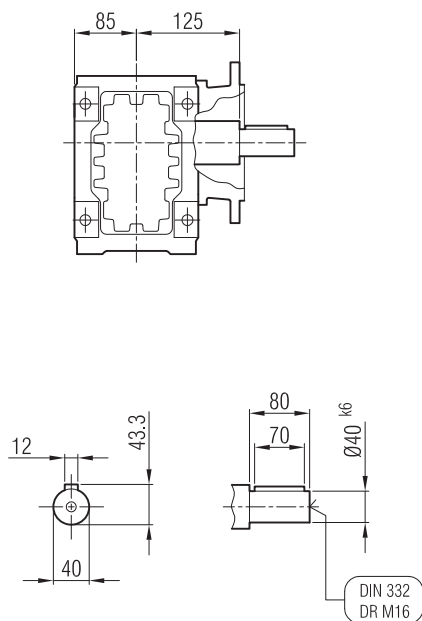




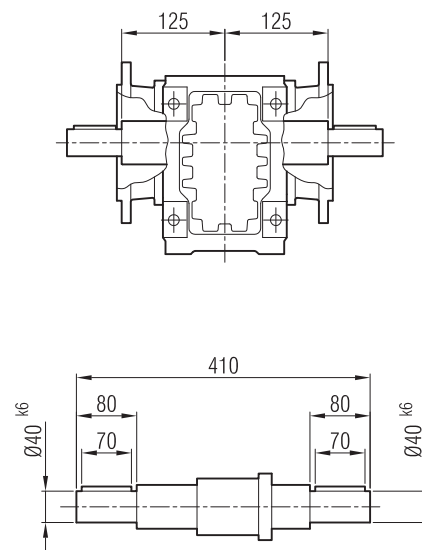
İRKF 73



... -01

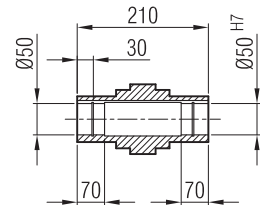
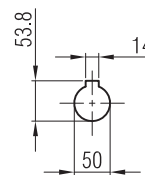
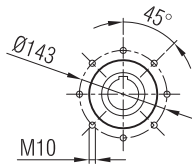
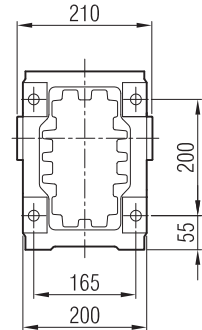
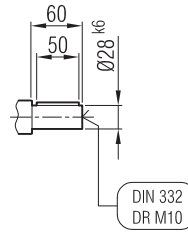
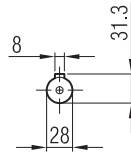
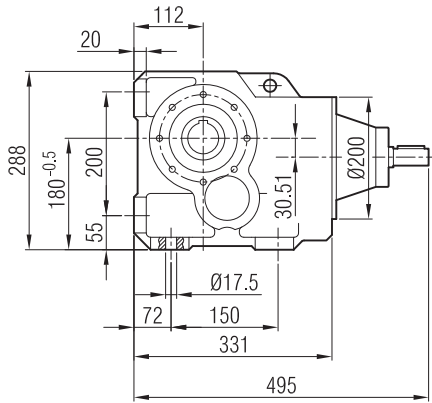


... -02

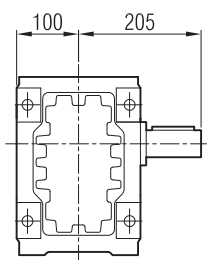




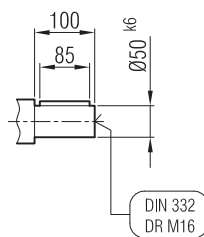
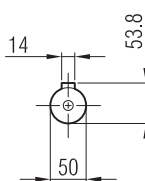
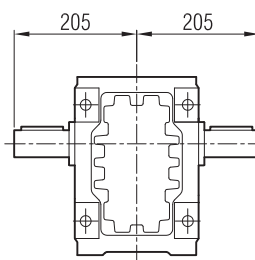
İRK 83



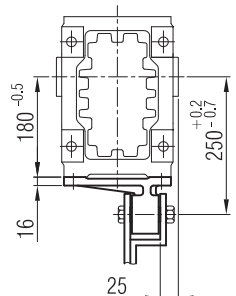
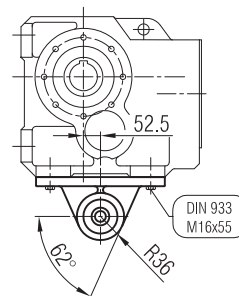
... -01



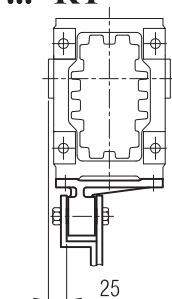
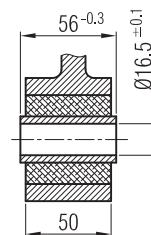
... -02



... -LT

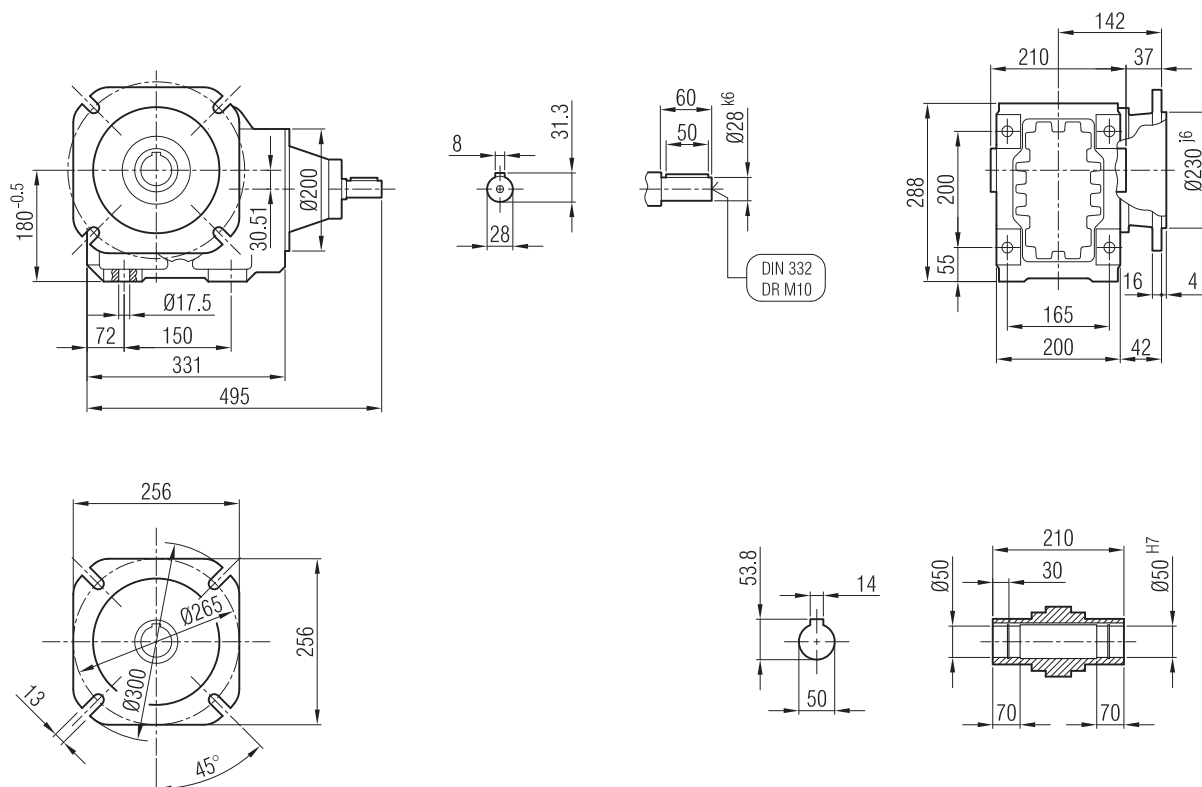


... -RT

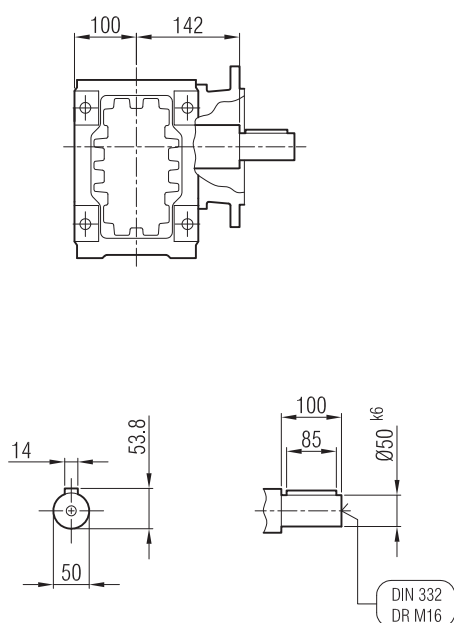




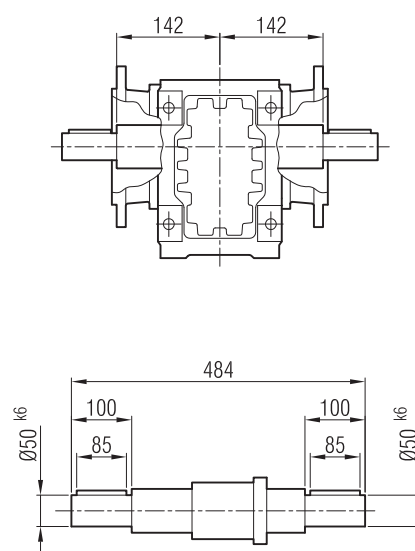
İRKF 83



... -01

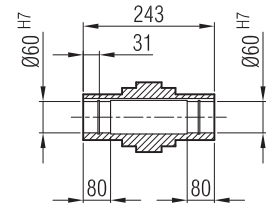
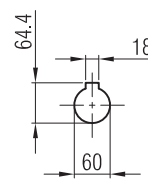
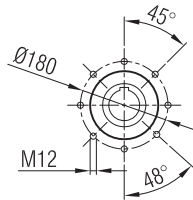
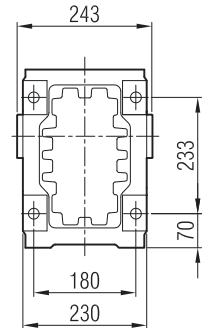
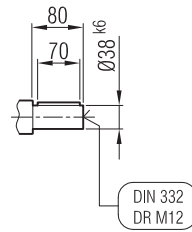
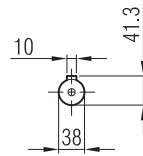
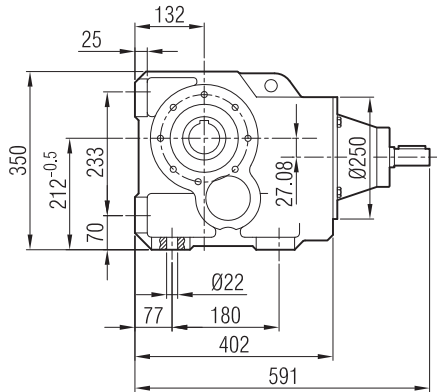


... -02

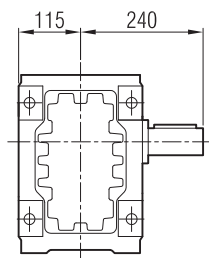




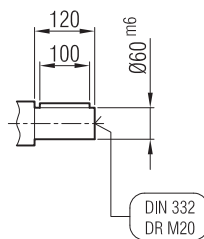
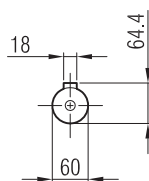
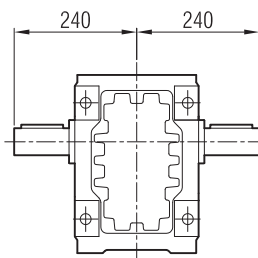
İRK 93



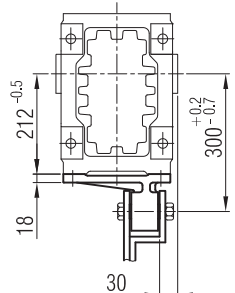
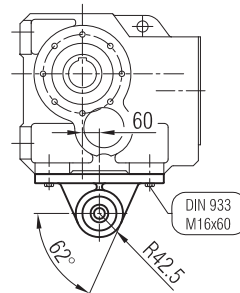
... -01



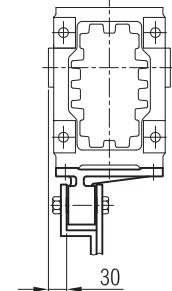
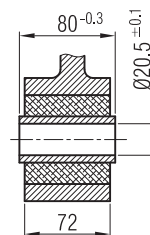
... -02



... -LT

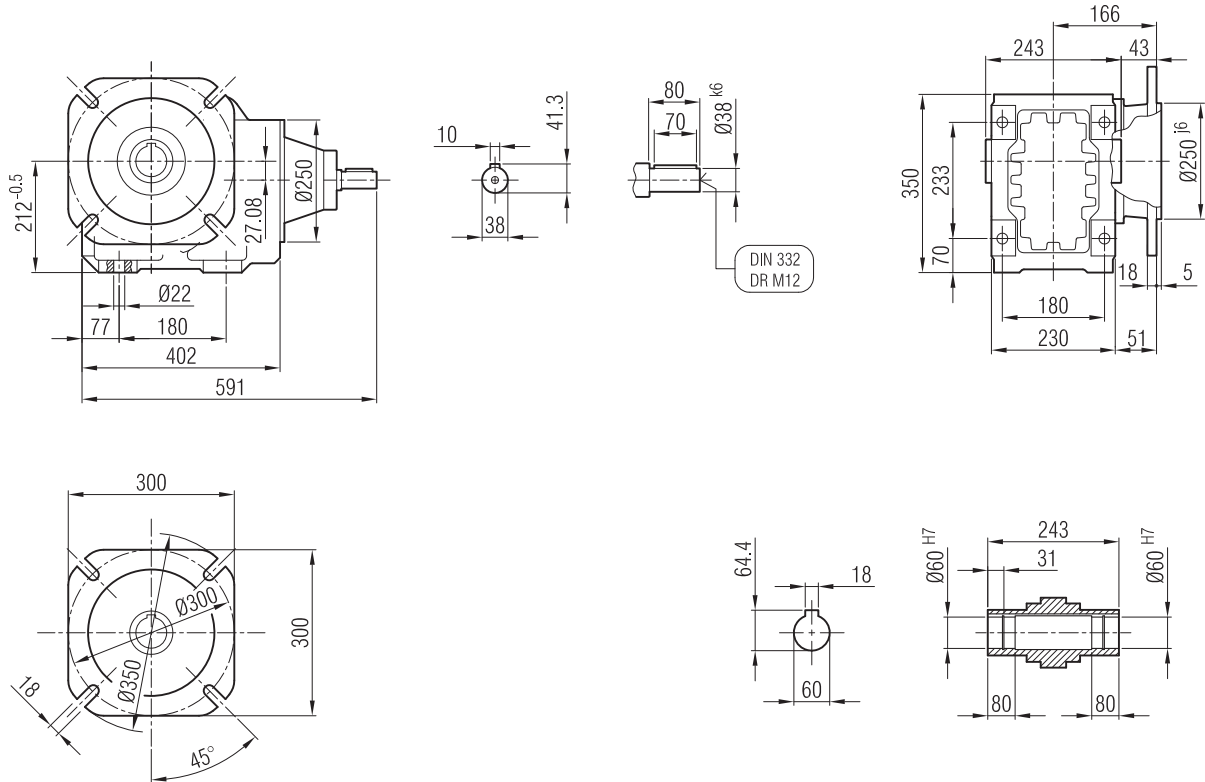


... -RT

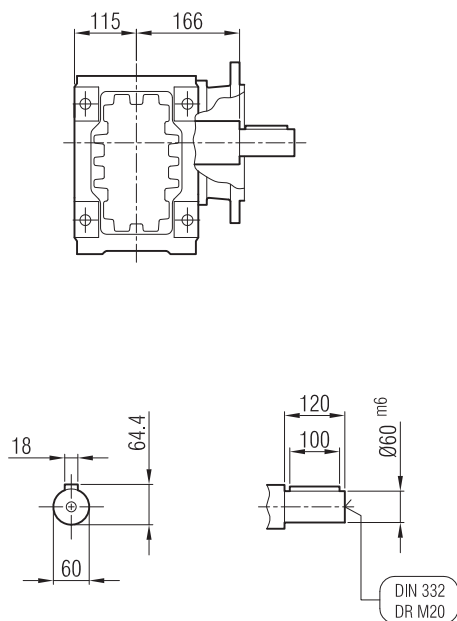




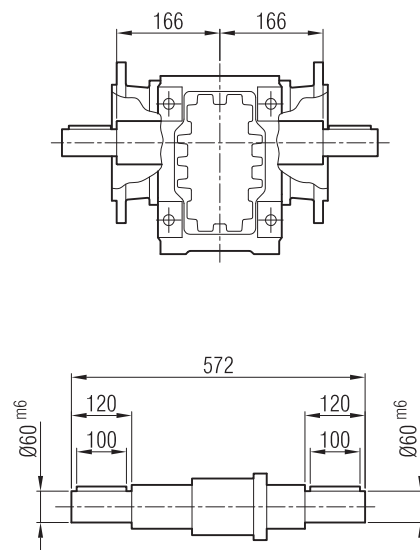
İRKF 93



... -01

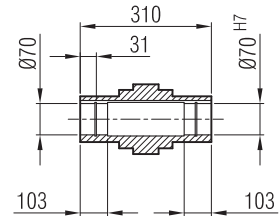
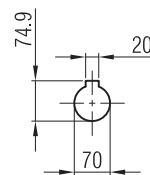
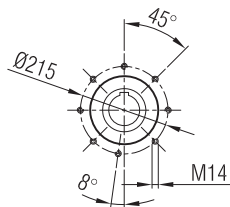
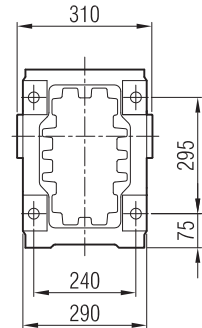
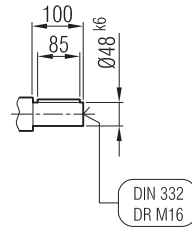
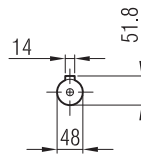
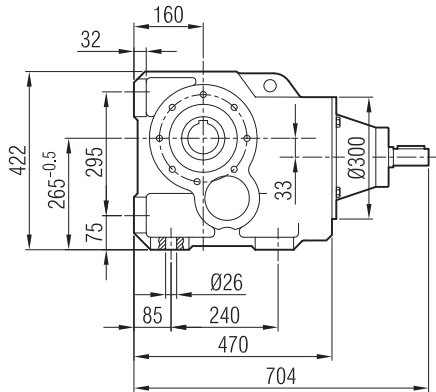


... -02

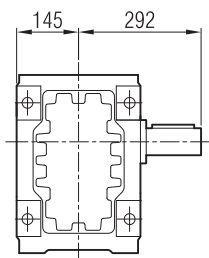




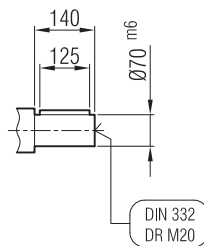
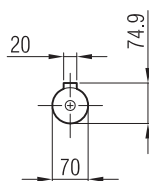
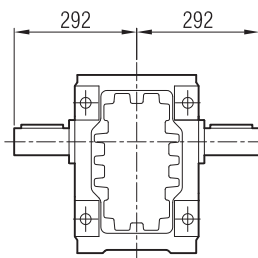
İRK 103



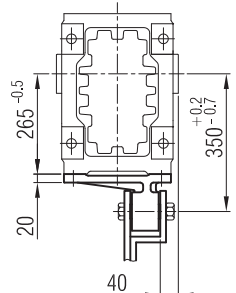
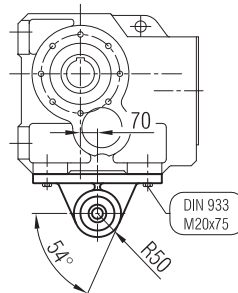
... -01



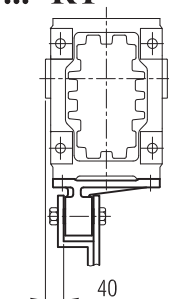
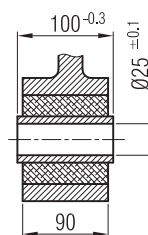
... -02



... -LT

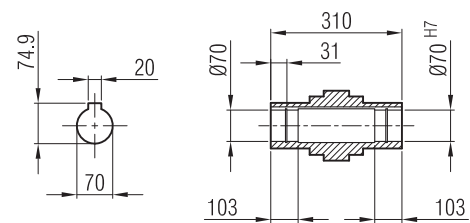
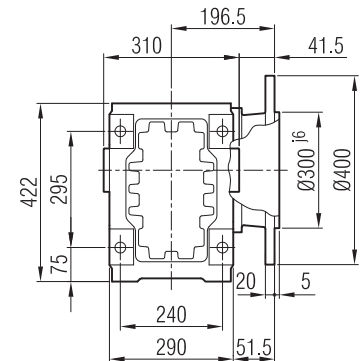
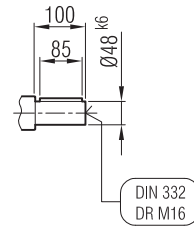
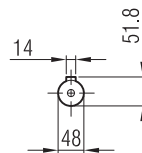
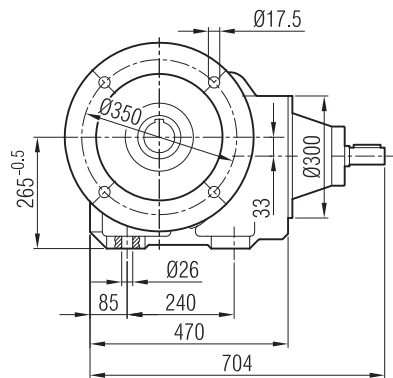


... -RT

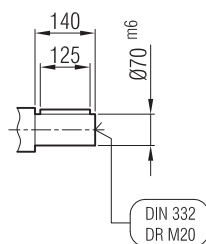
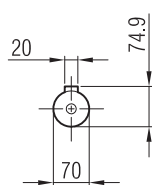
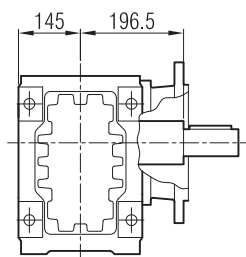




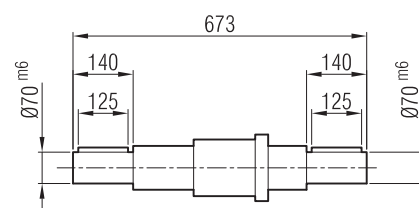
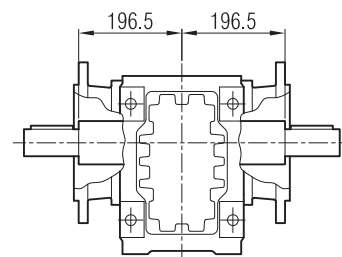
İRKF 103



... -01

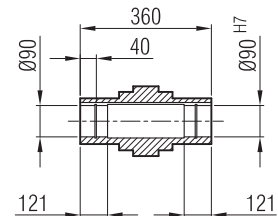
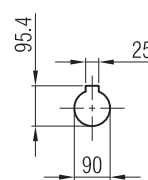
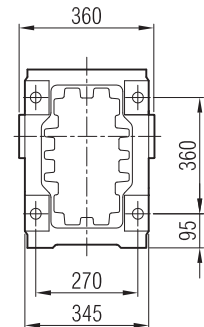
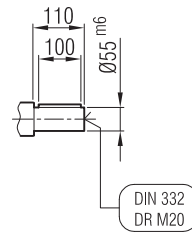
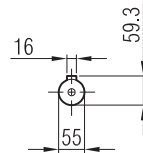
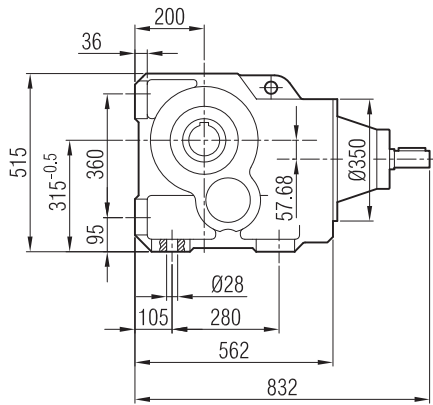


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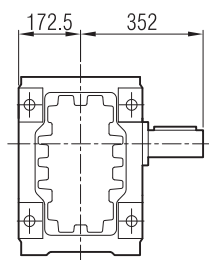




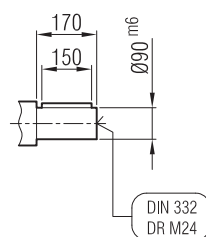
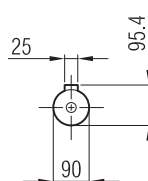
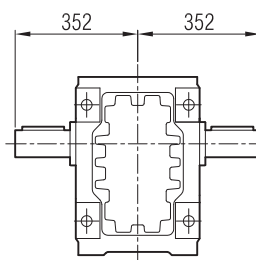
İRK 123



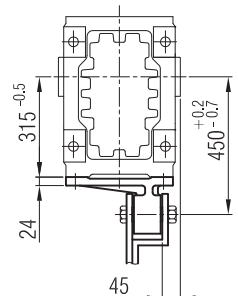
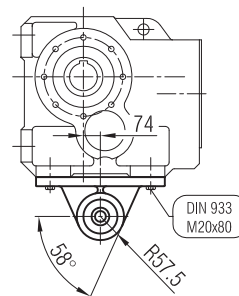
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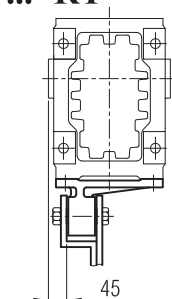
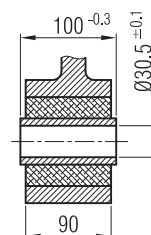
... -02



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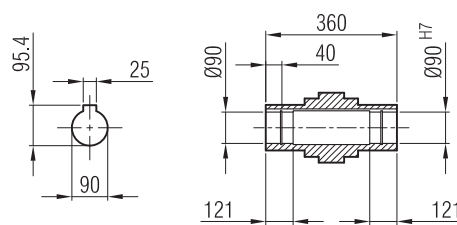
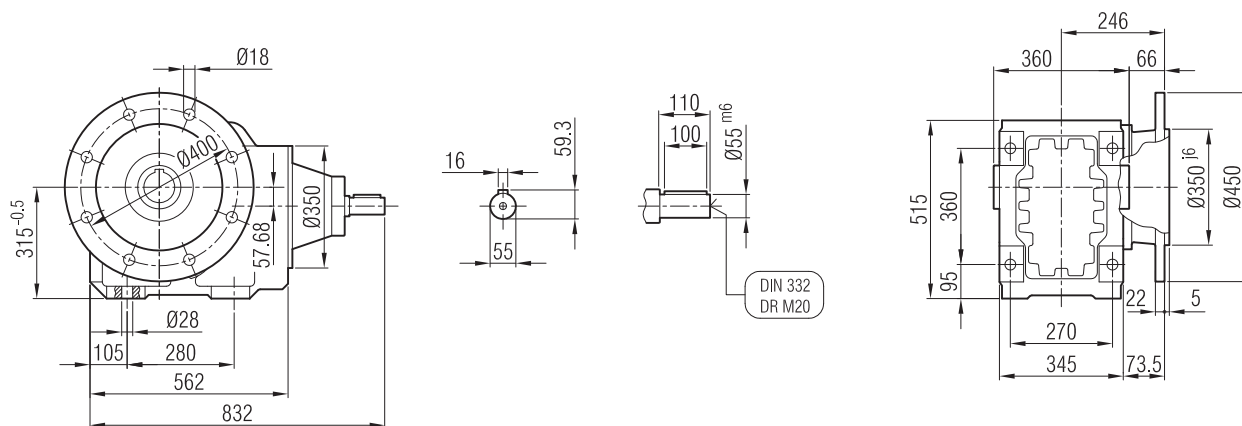


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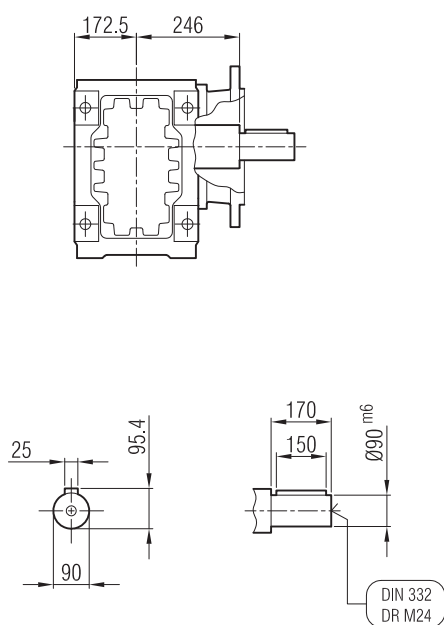




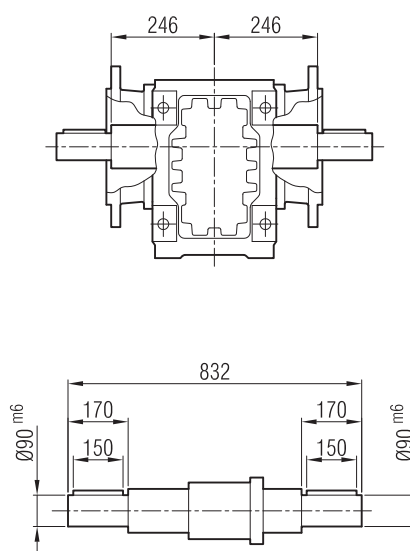
İRKF 123



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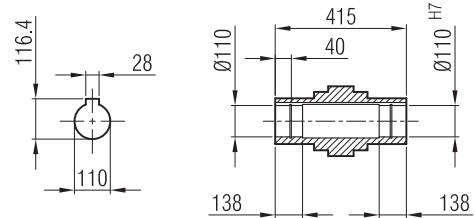
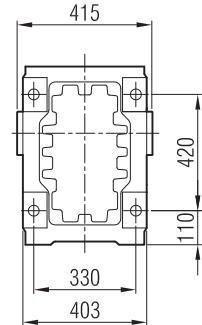
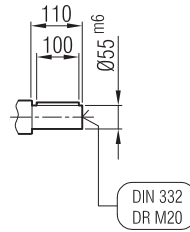
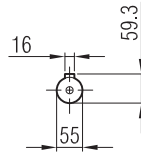
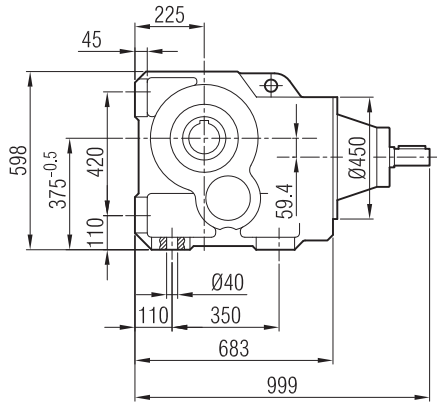


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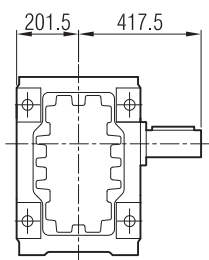




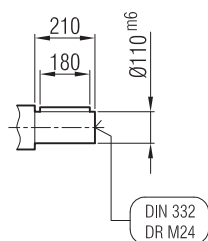
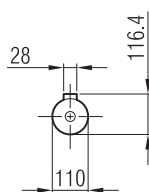
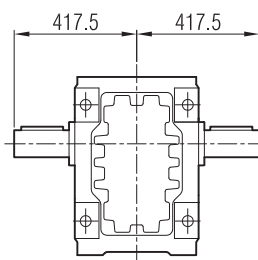
İRK 143



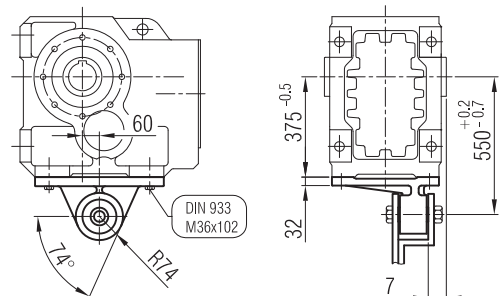
... -01



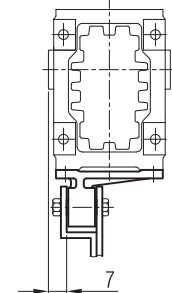
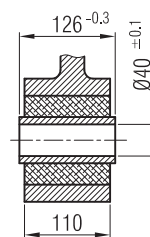
... -02



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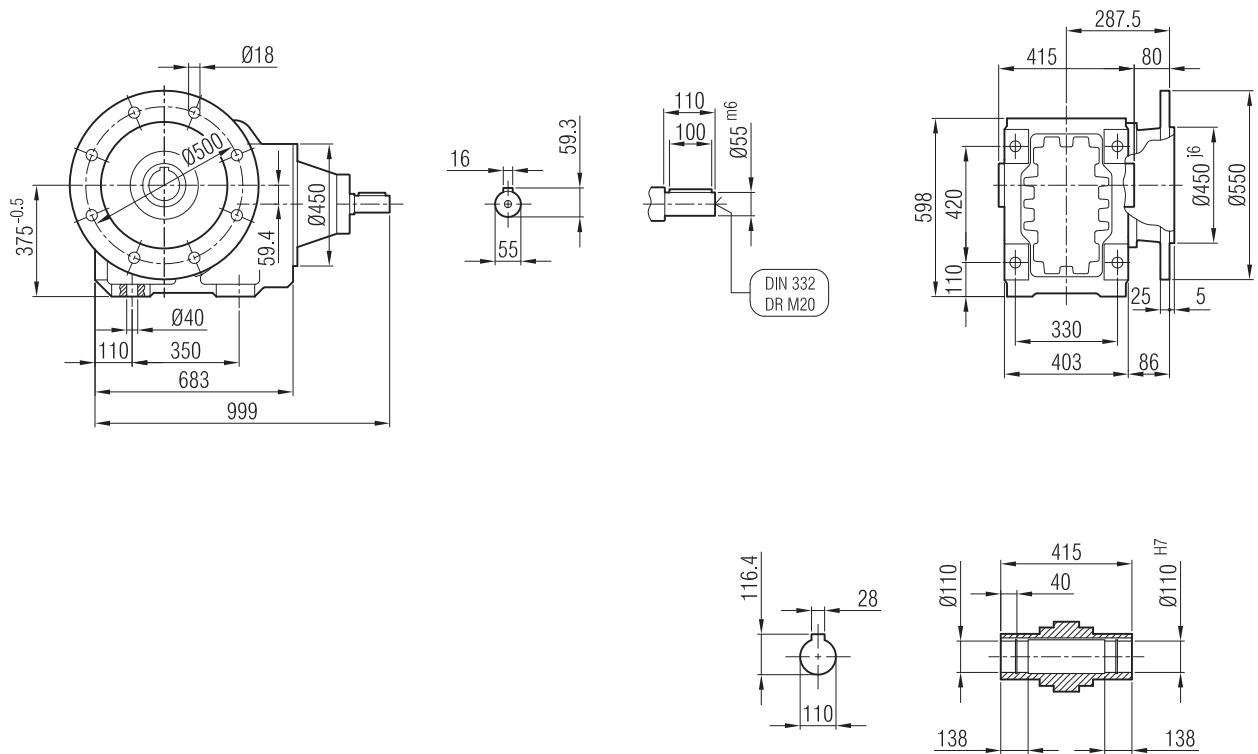


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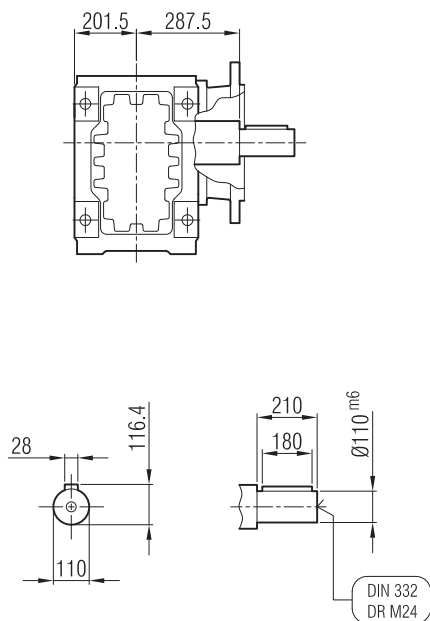




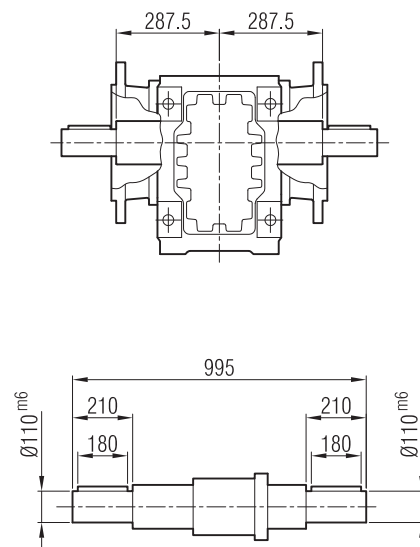
İRKF 143



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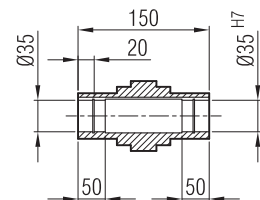
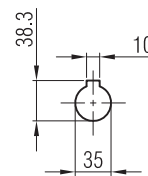
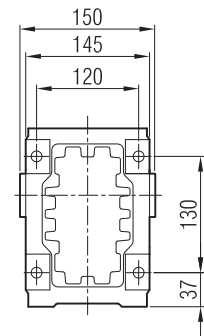
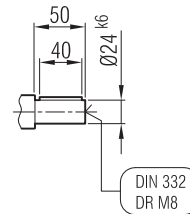
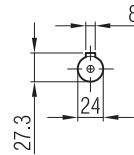
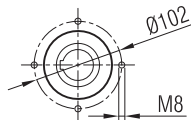
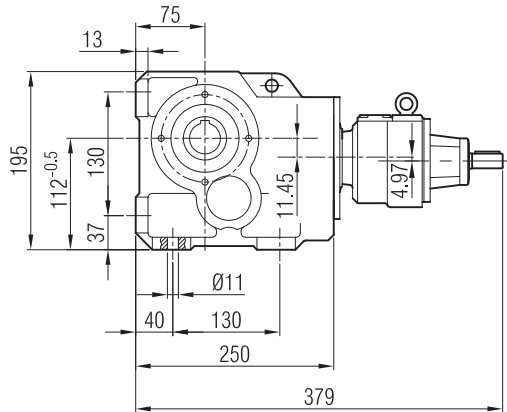


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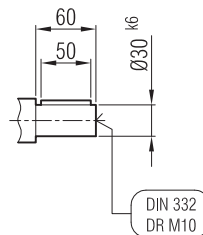
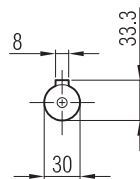
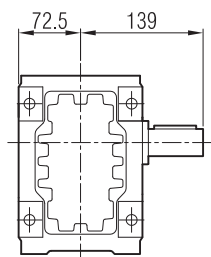




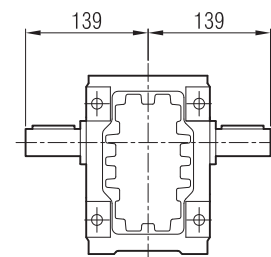
İRK 63 İR 52 İRK 63 İR 53



... -01



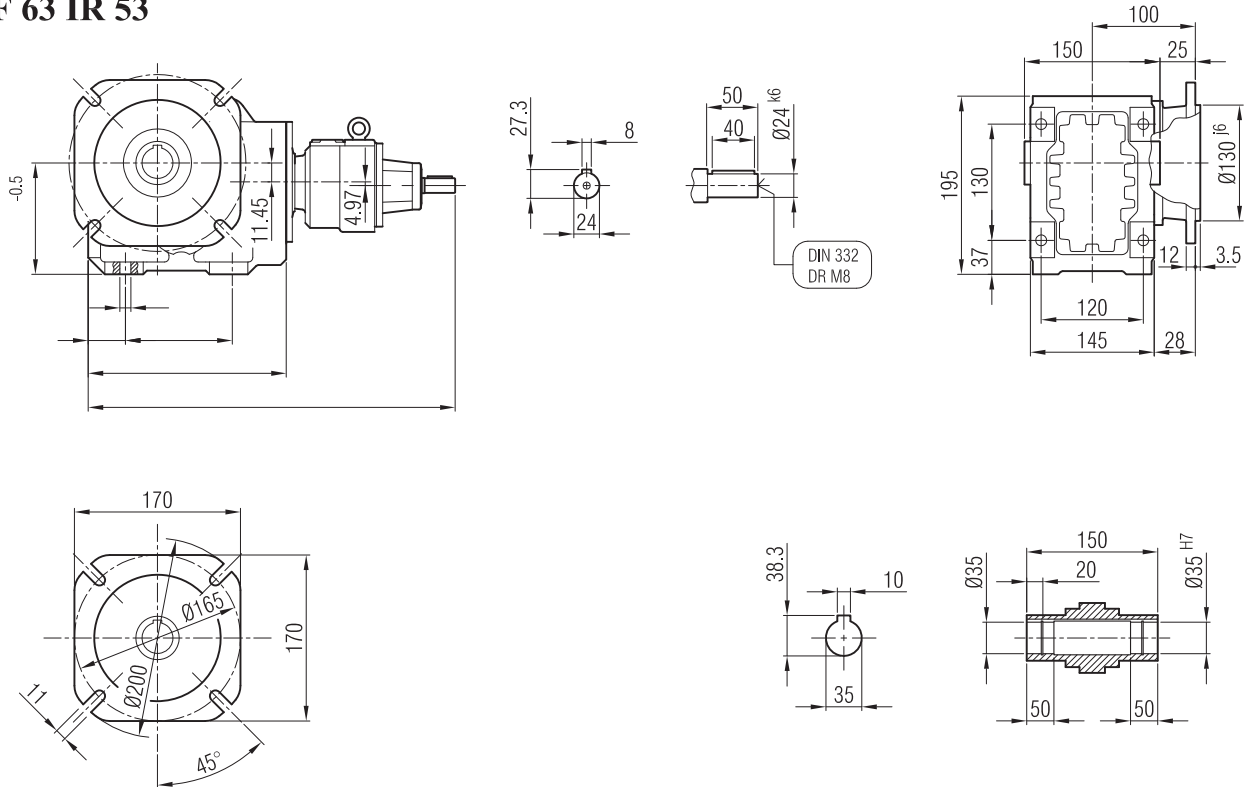
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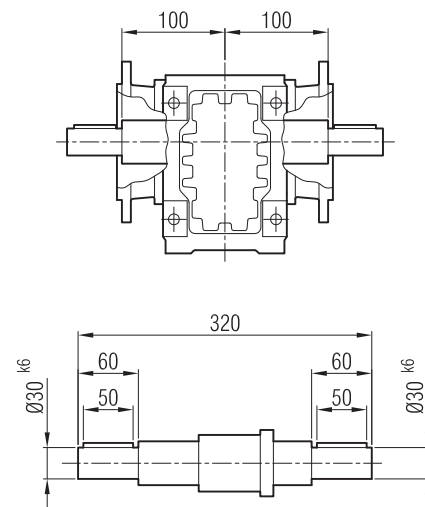
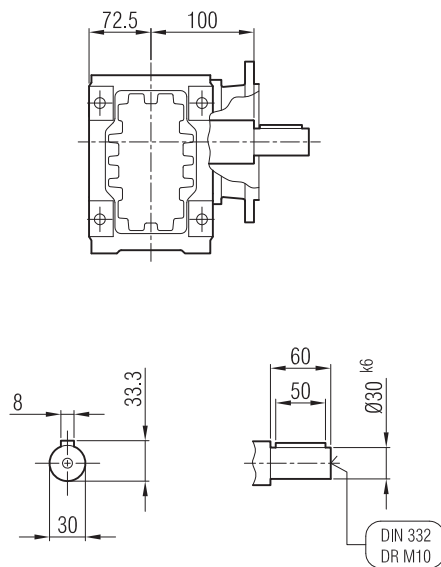
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İRKF 63 İR 53



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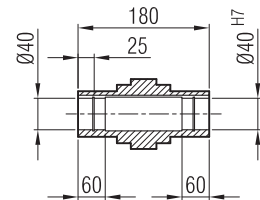
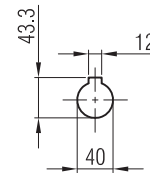
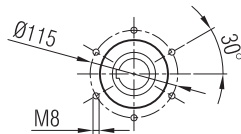
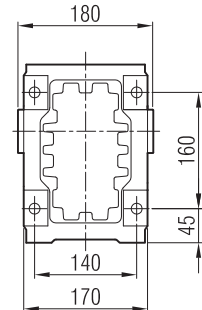
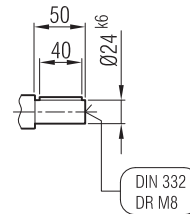
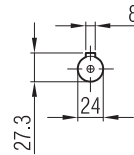
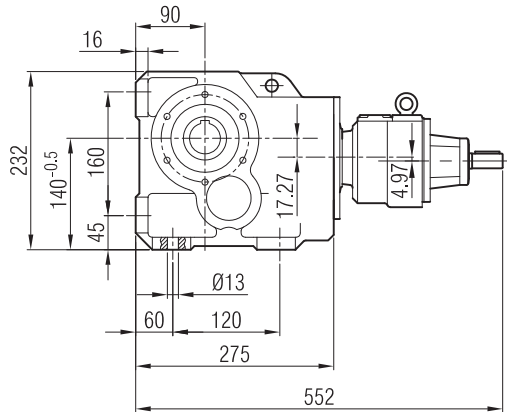
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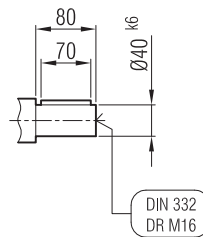
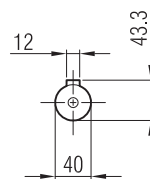
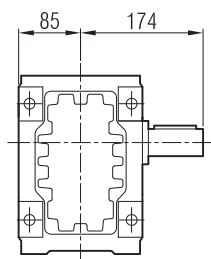


İRK 73 İR 52

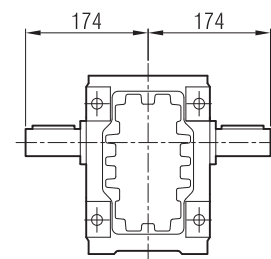
İRK 73 İR 53



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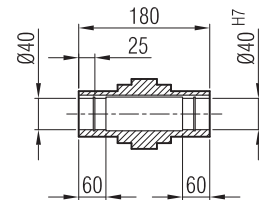
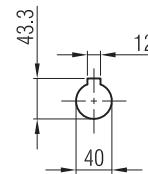
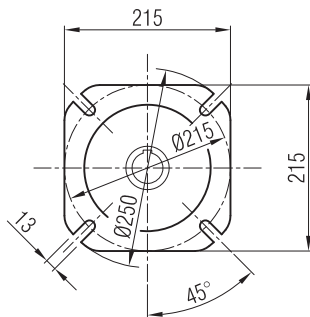
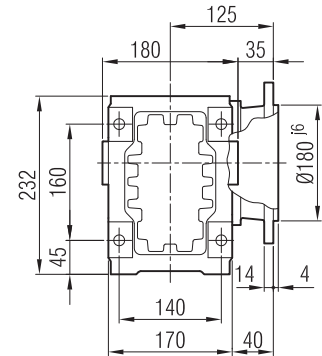
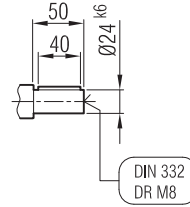
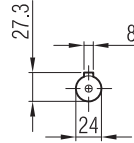
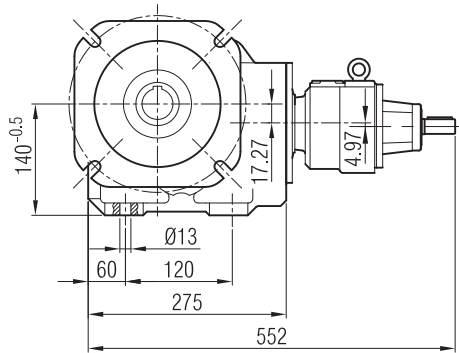
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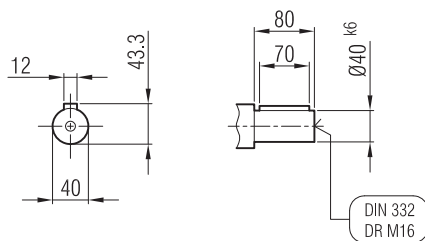
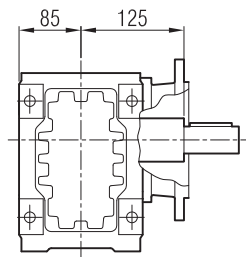


İRKF 73 İR 52

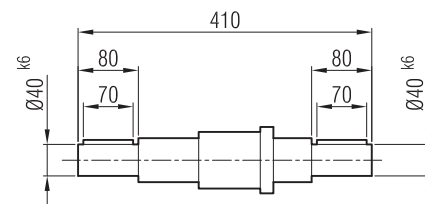
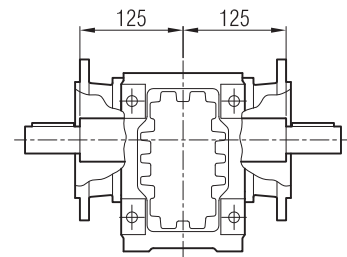
İRKF 73 İR 53



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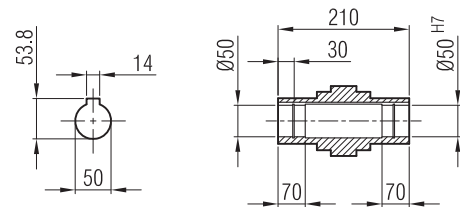
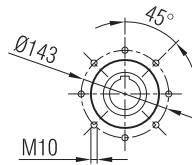
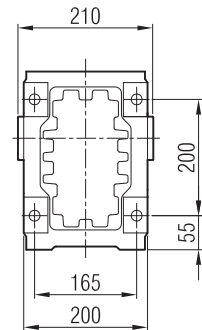
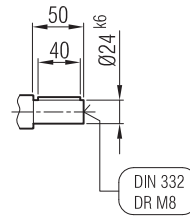
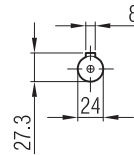
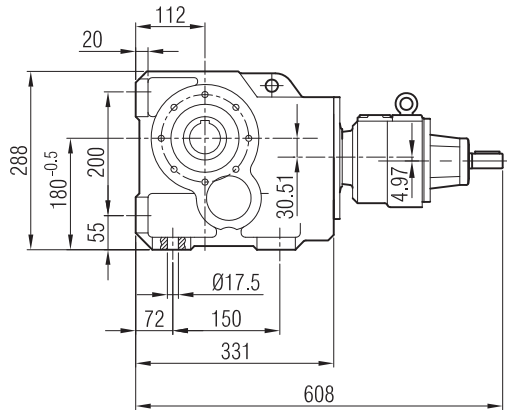
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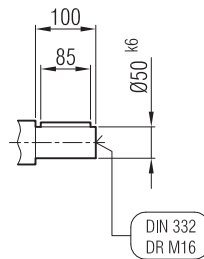
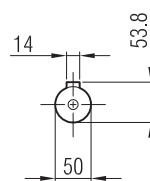
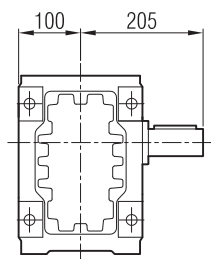


İRK 83 İR 52

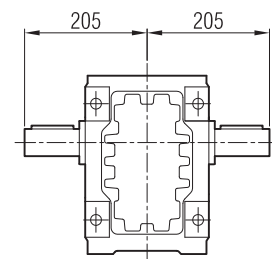
İRK 83 İR 53



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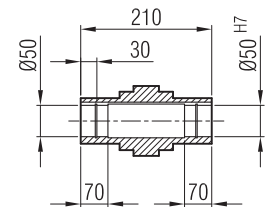
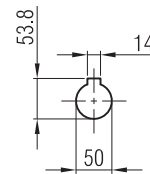
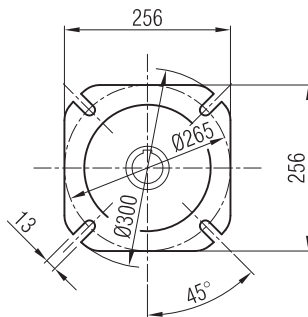
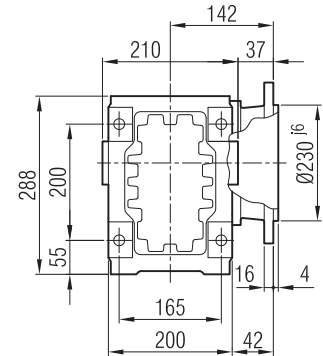
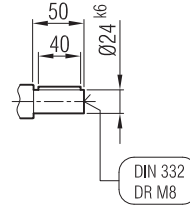
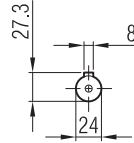
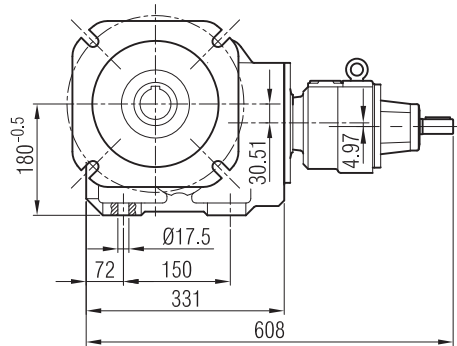
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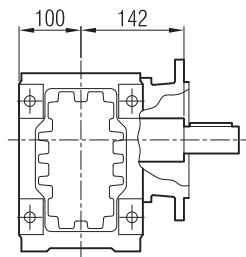


İRKF 83 İR 52

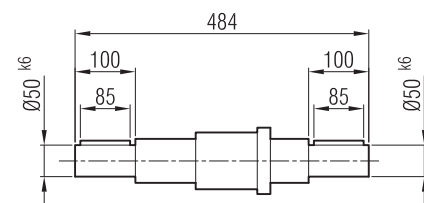
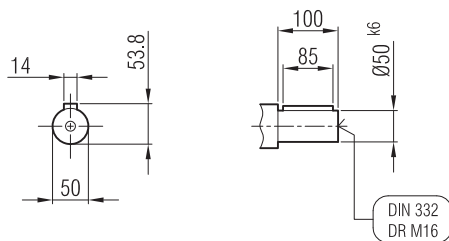
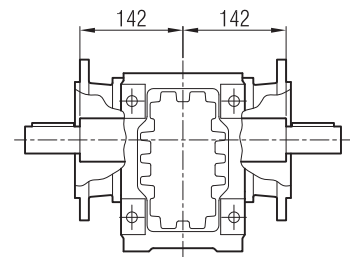
İRKF 83 İR 53



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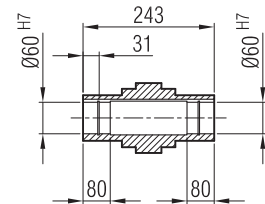
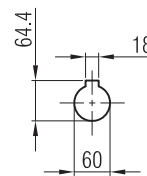
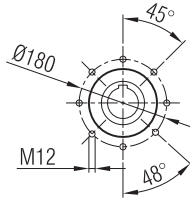
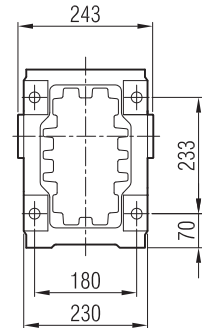
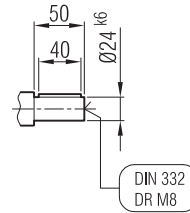
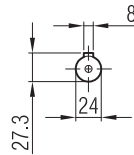
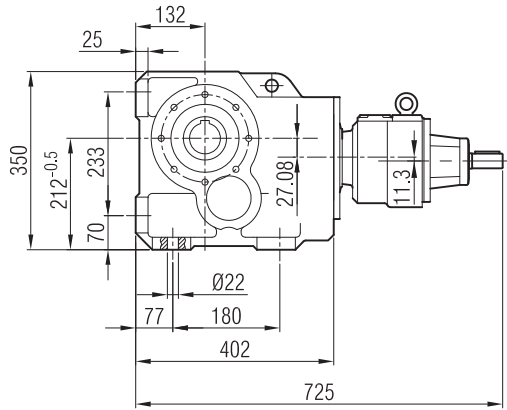


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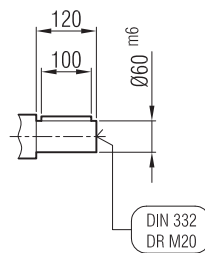
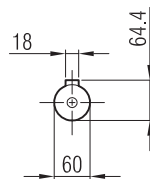
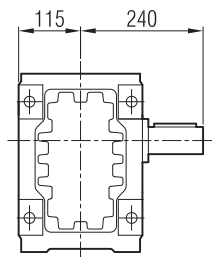




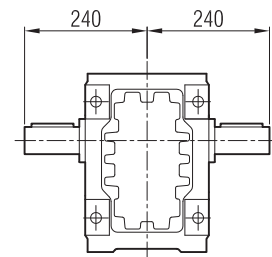
İRK 93 İR 62 İRK 93 İR 63



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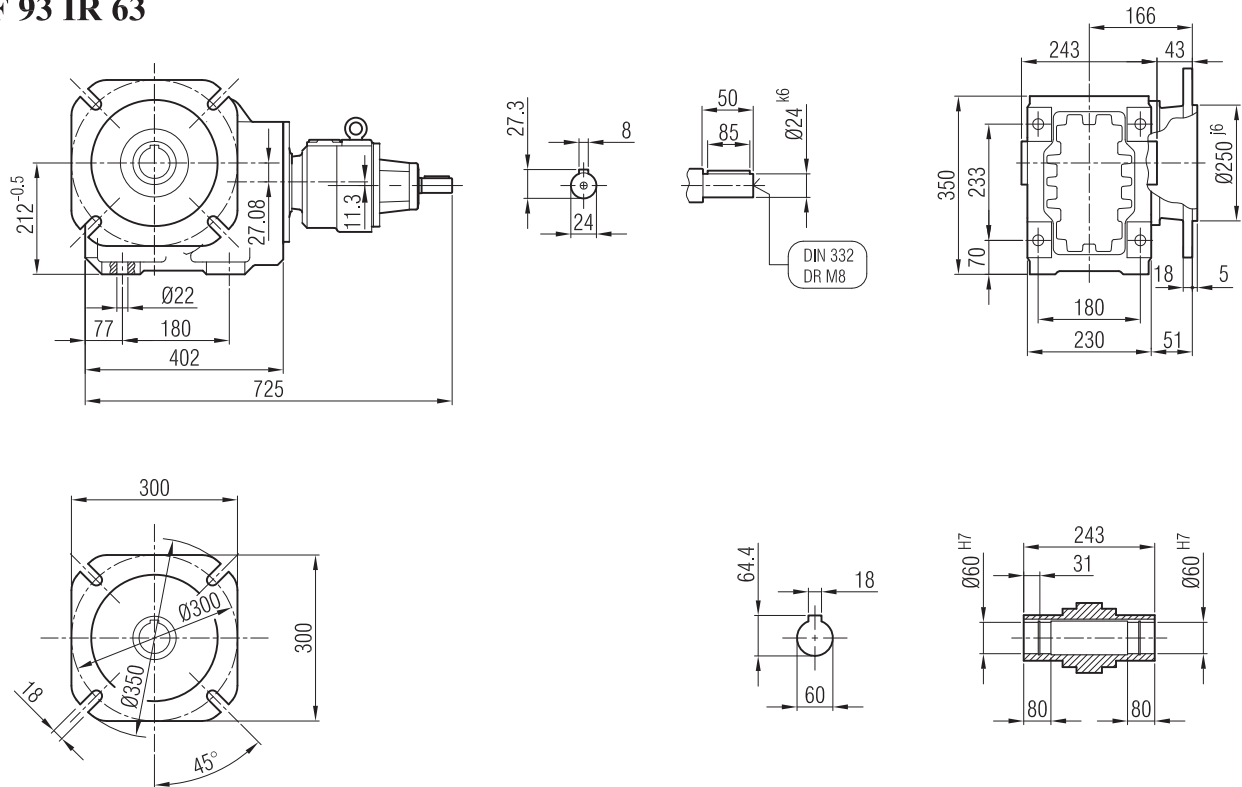
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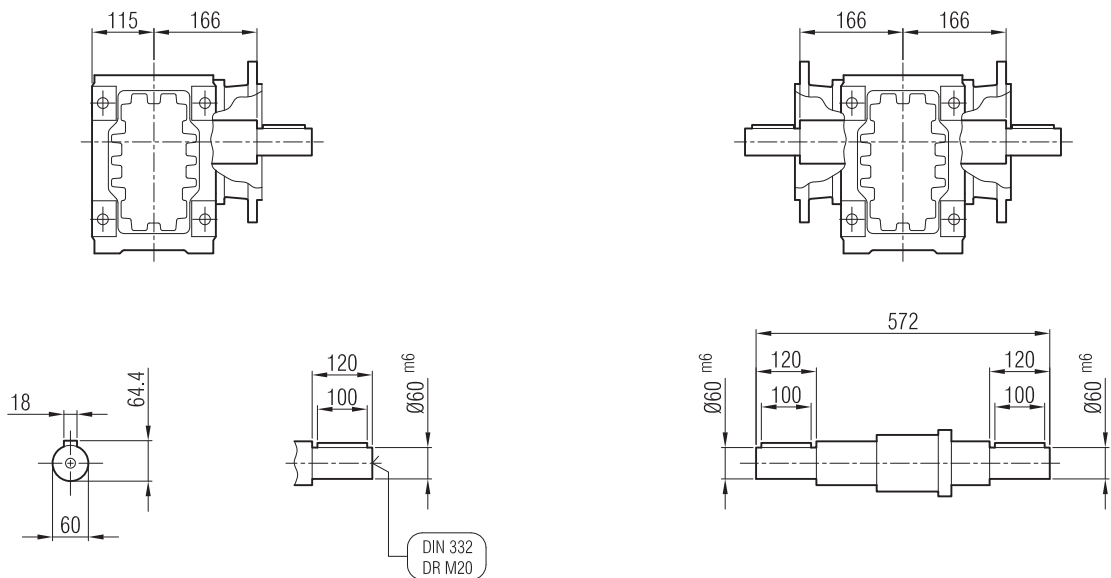
İRKF 93 İR 62

İRKF 93 İR 63



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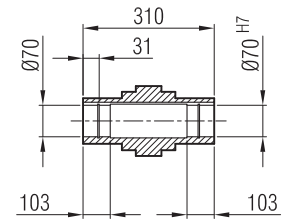
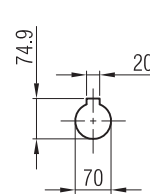
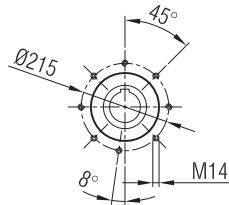
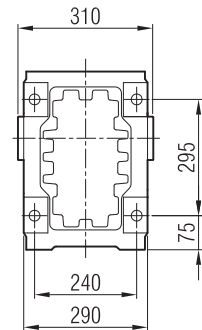
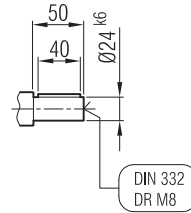
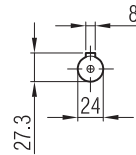
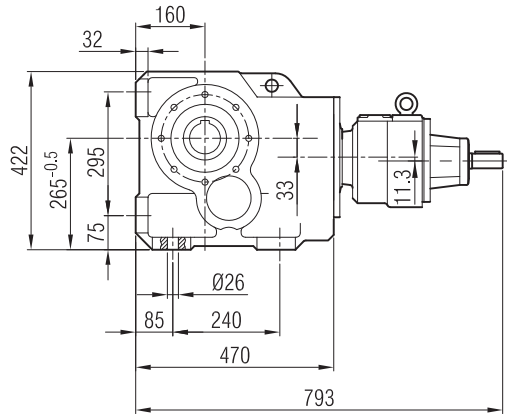
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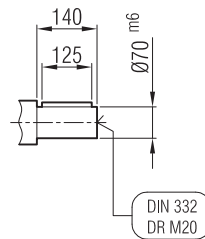
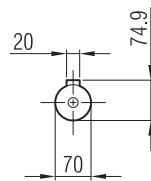
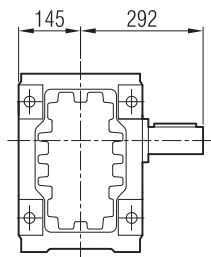


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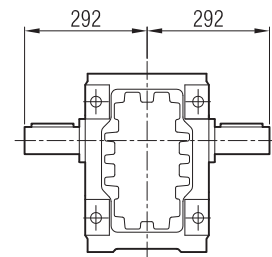
İRK 103 İR 63



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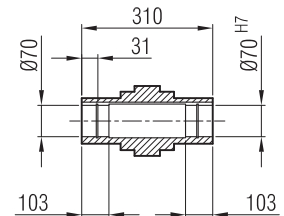
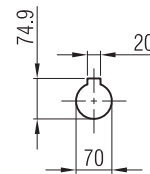
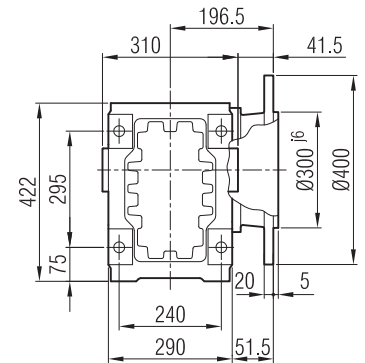
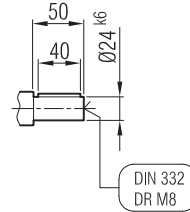
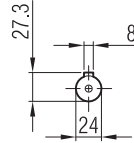
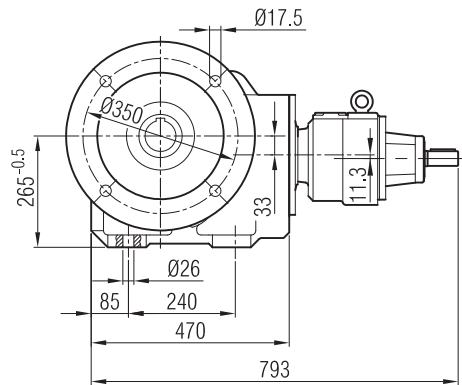
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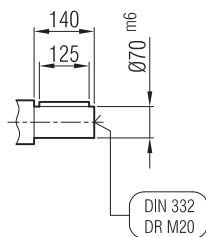
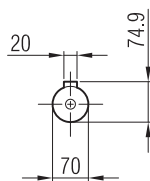
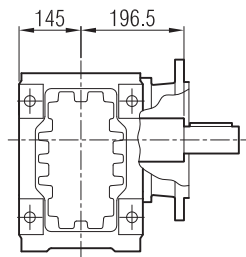


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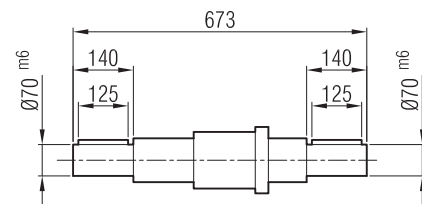
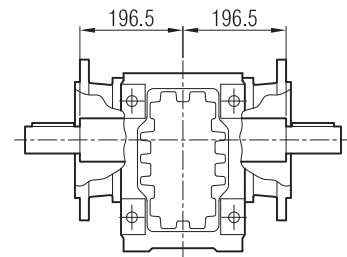
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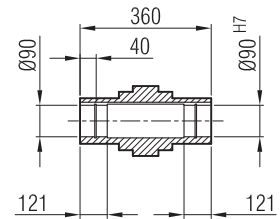
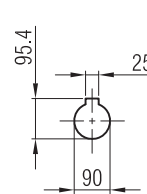
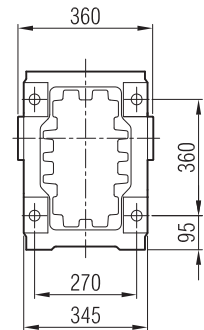
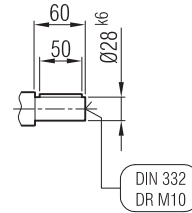
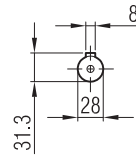
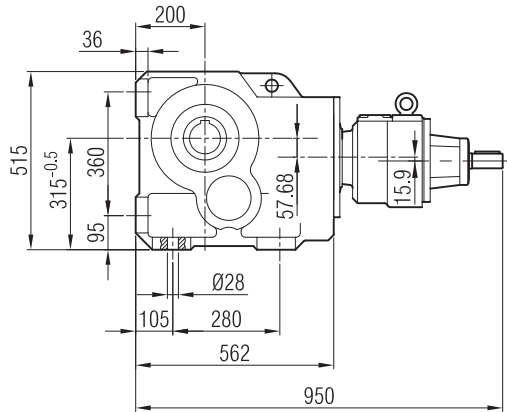
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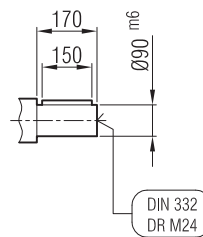
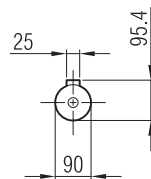
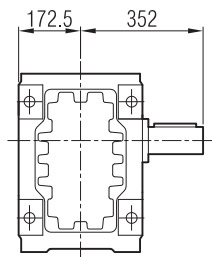


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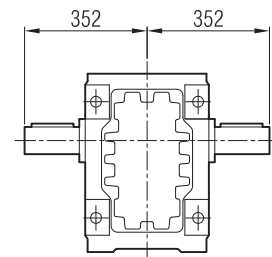
İRK 123 İR 73



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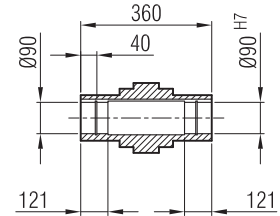
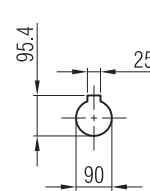
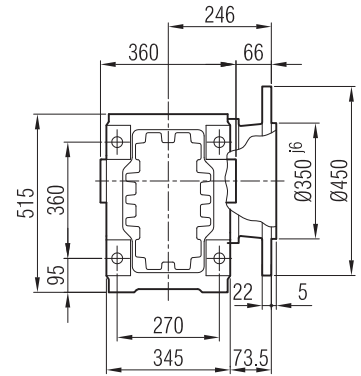
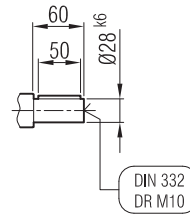
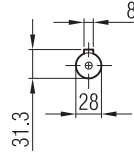
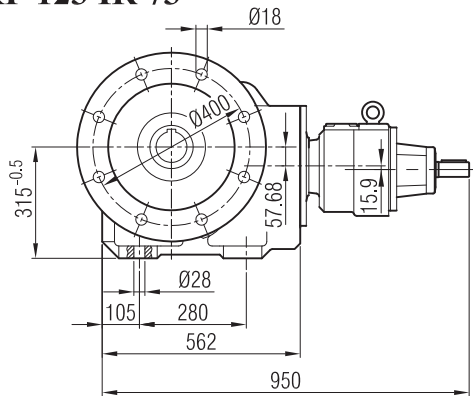
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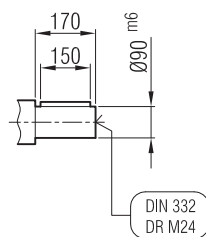
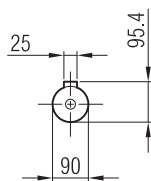
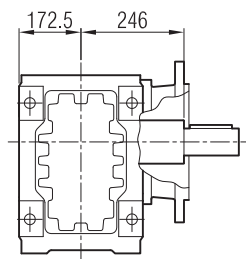


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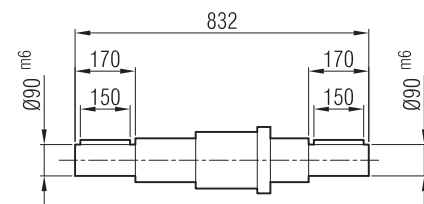
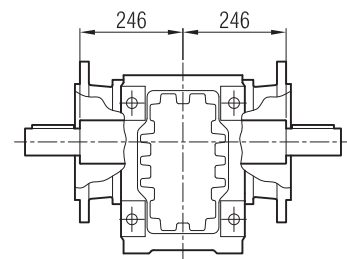
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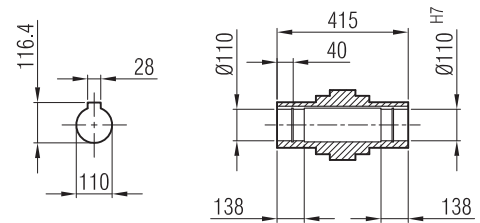
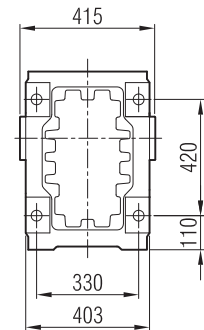
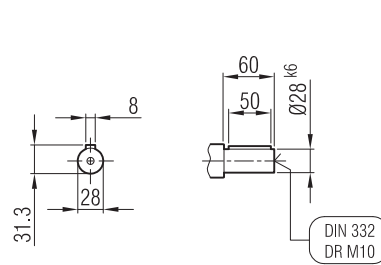
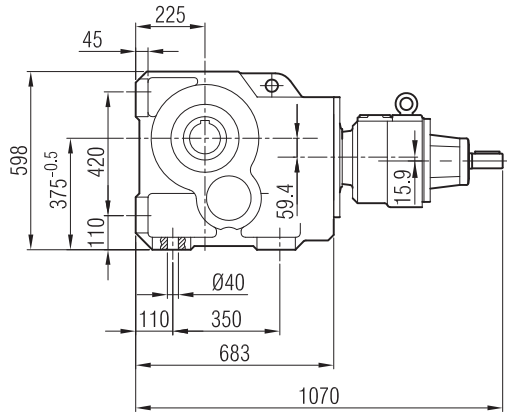
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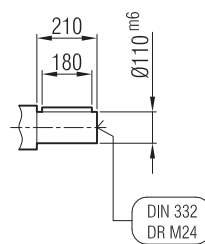
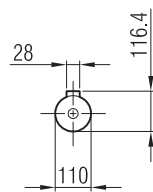
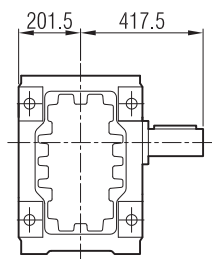


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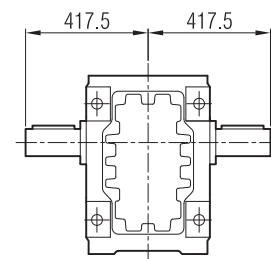
İRK 143 İR 73



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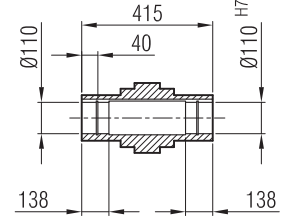
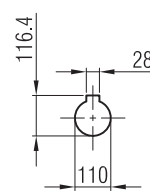
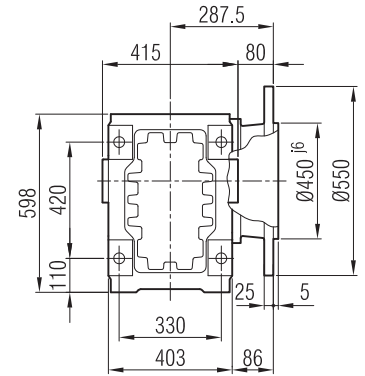
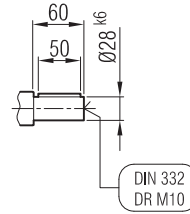
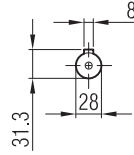
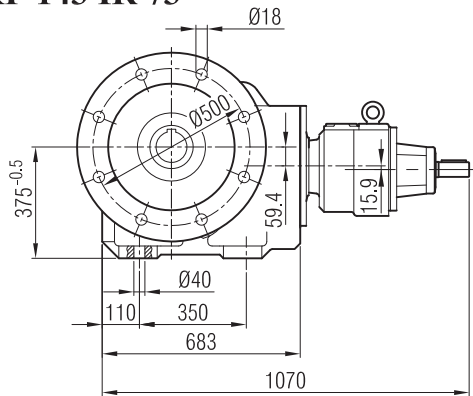
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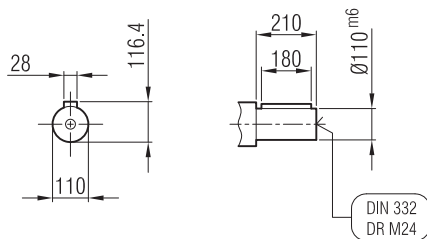
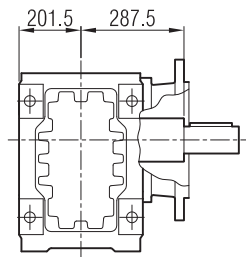


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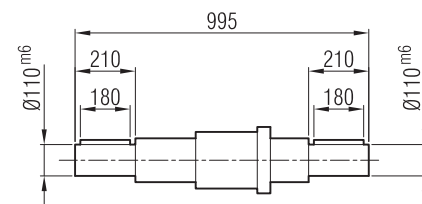
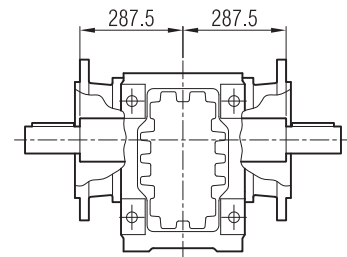
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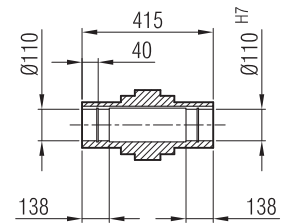
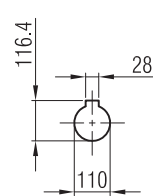
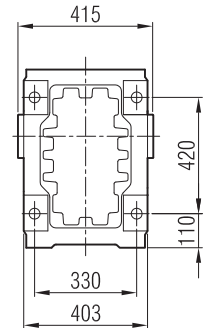
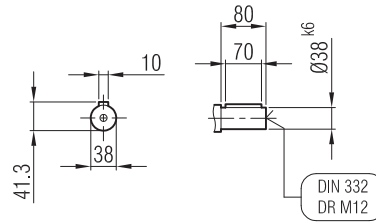
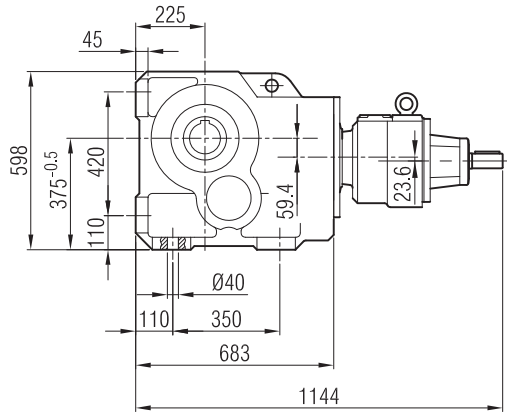


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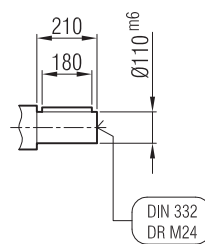
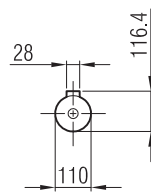
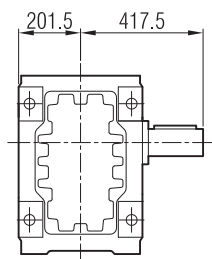




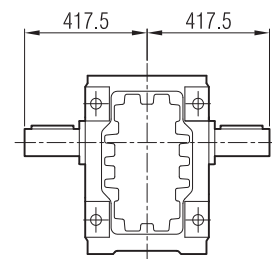
İRK 143 İR 82



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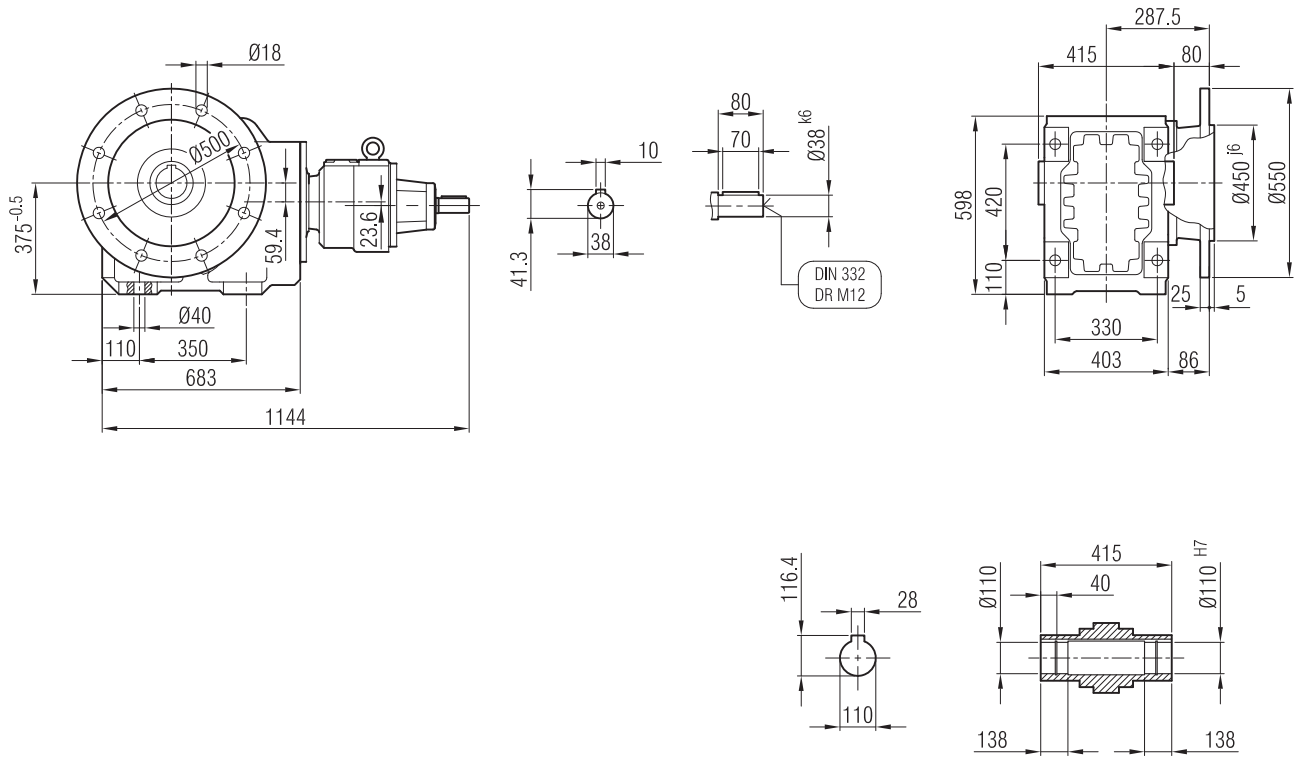


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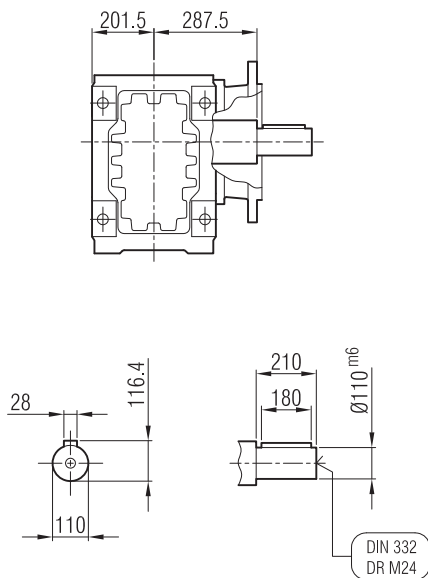




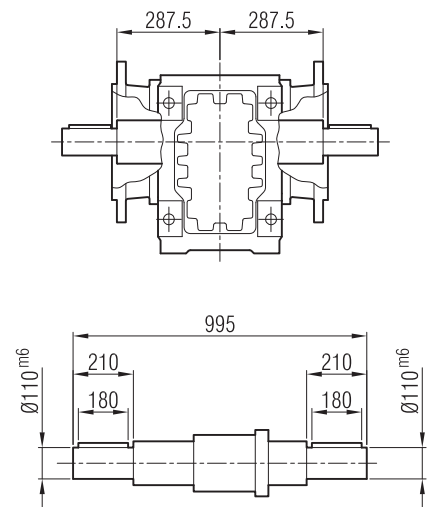
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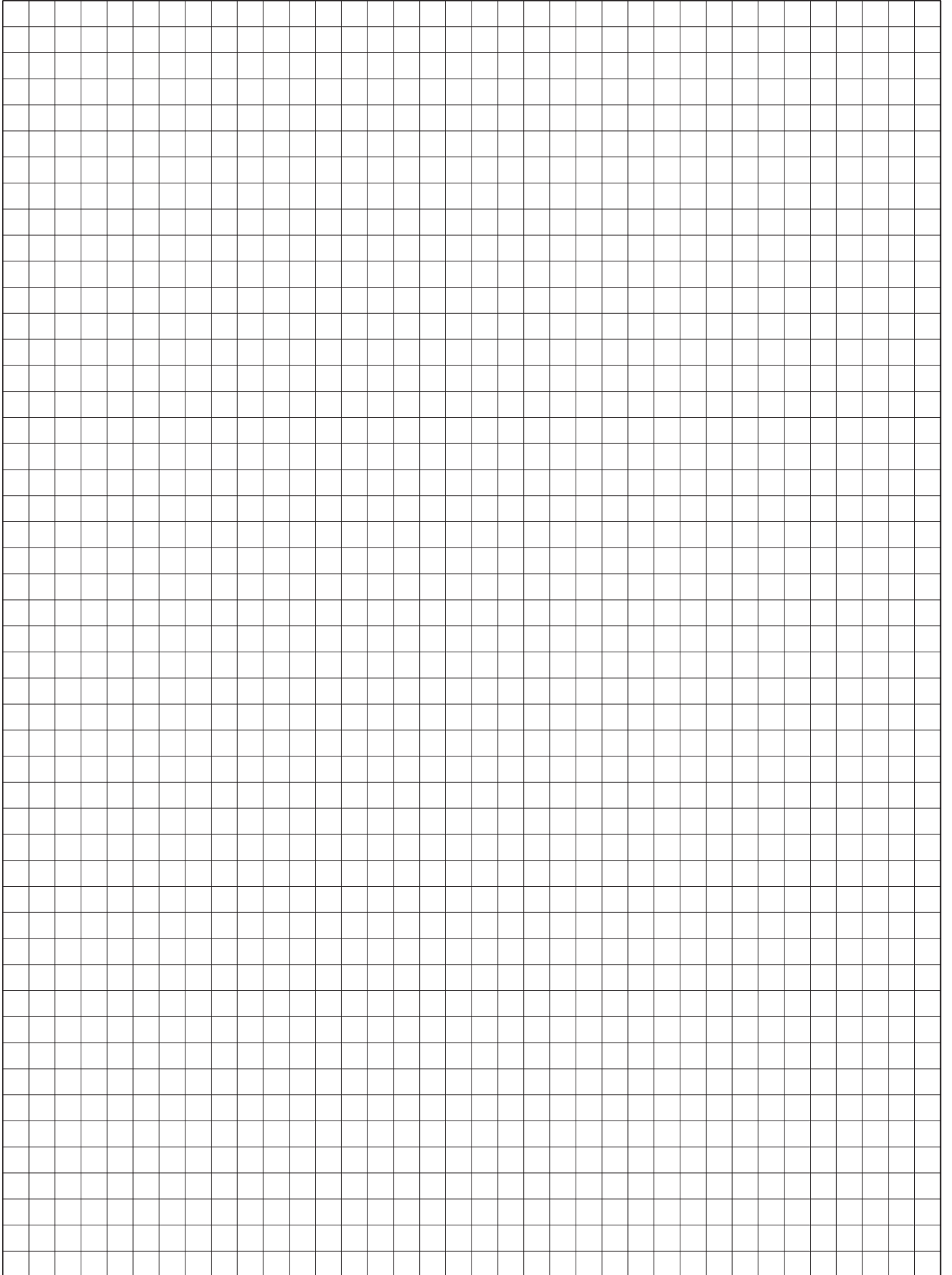


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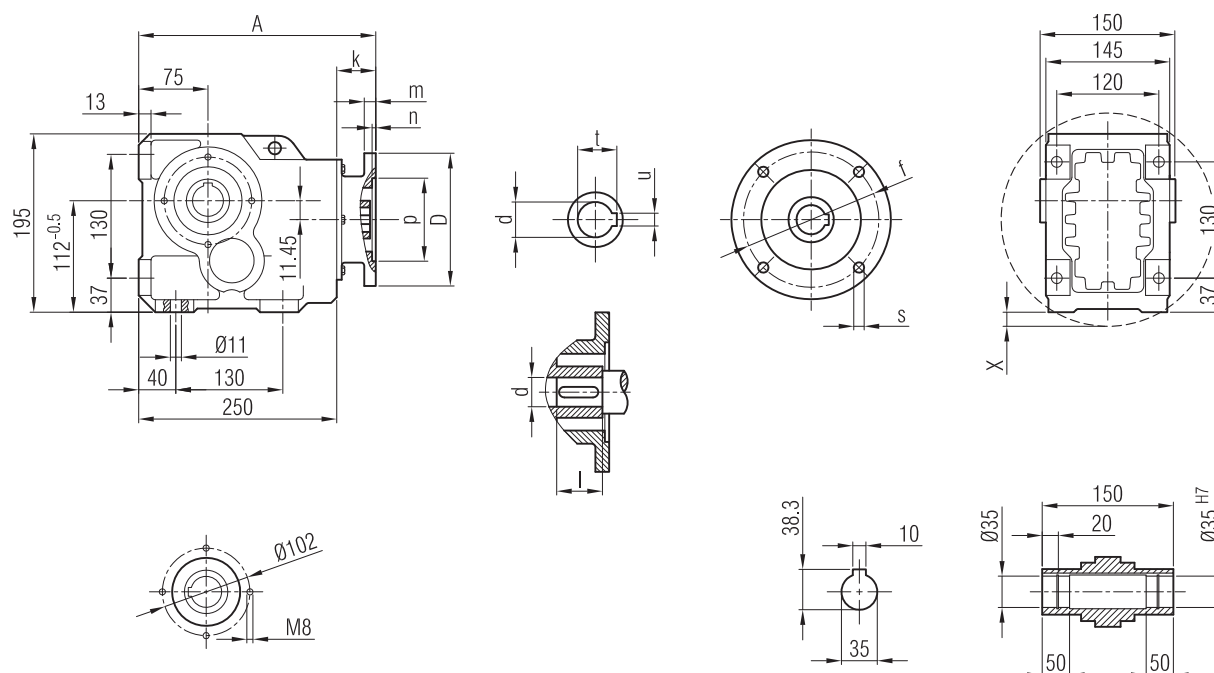




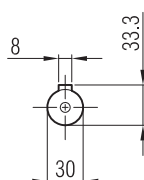
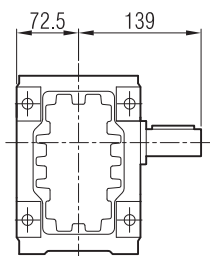
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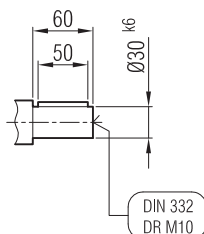
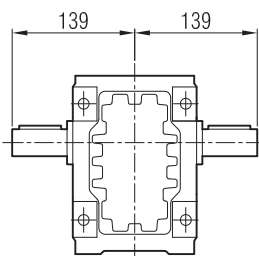
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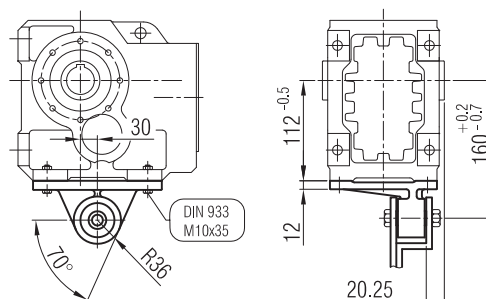
...-01



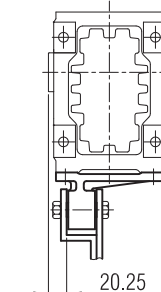
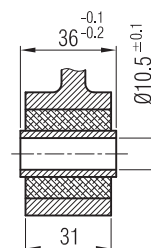
...-02



...-LT



...-RT

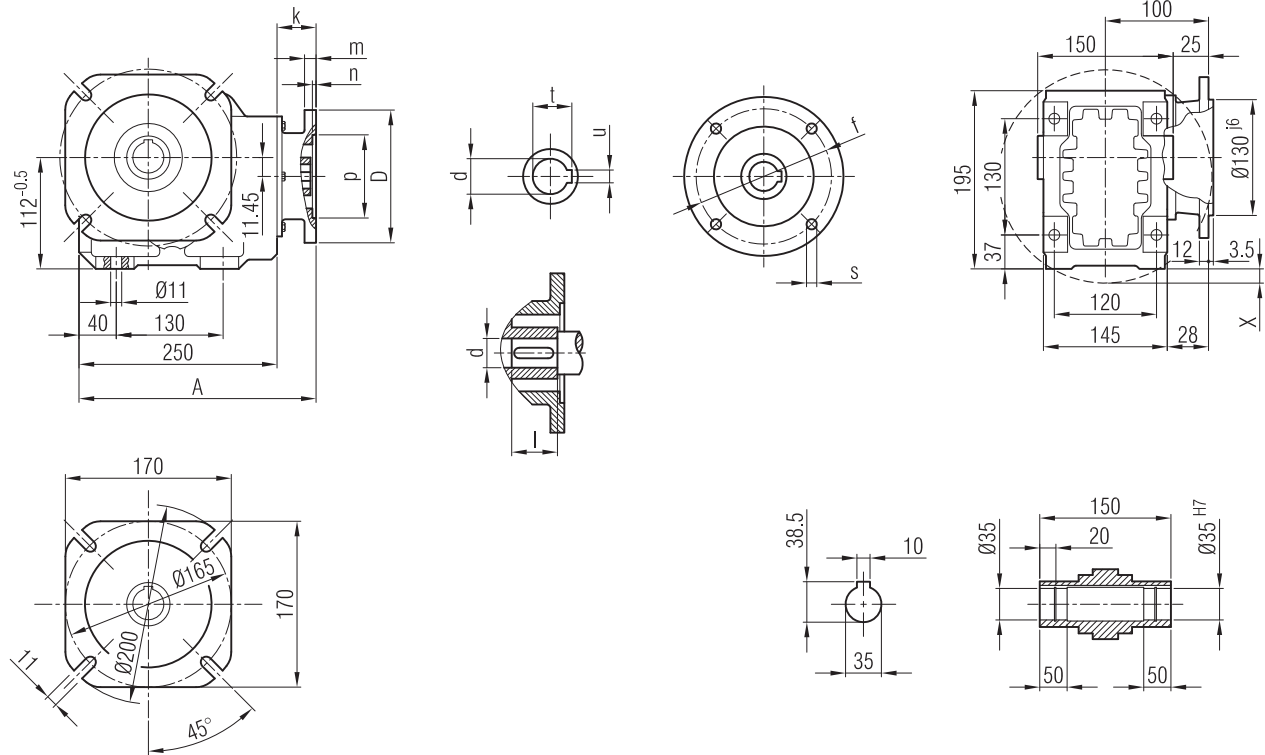


	A	Øp	Øf	ØD	s	k	m	n	Ød	l	t	u	X				
63/B5	311	110	130	160	M8	35.5	8	4	11	23	12.8	4	-				
71/B5	320	110	130	160	M8	45	9	4	14	30	16.3	5	-				
80/B5	325	130	165	200	M10	50	12	5	19	40	21.8	6	-				
90/B5	325	130	165	200	M10	50	12	5	24	50	27.3	8	-				
100/B5	338	180	215	250	M12	63	14	5	28	60	31.3	8	24.5				

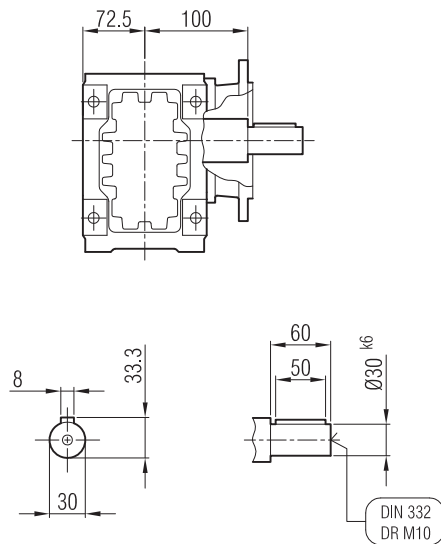




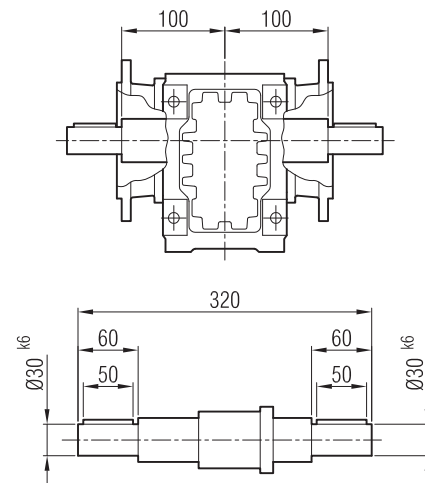
İRKFP 63



... -01



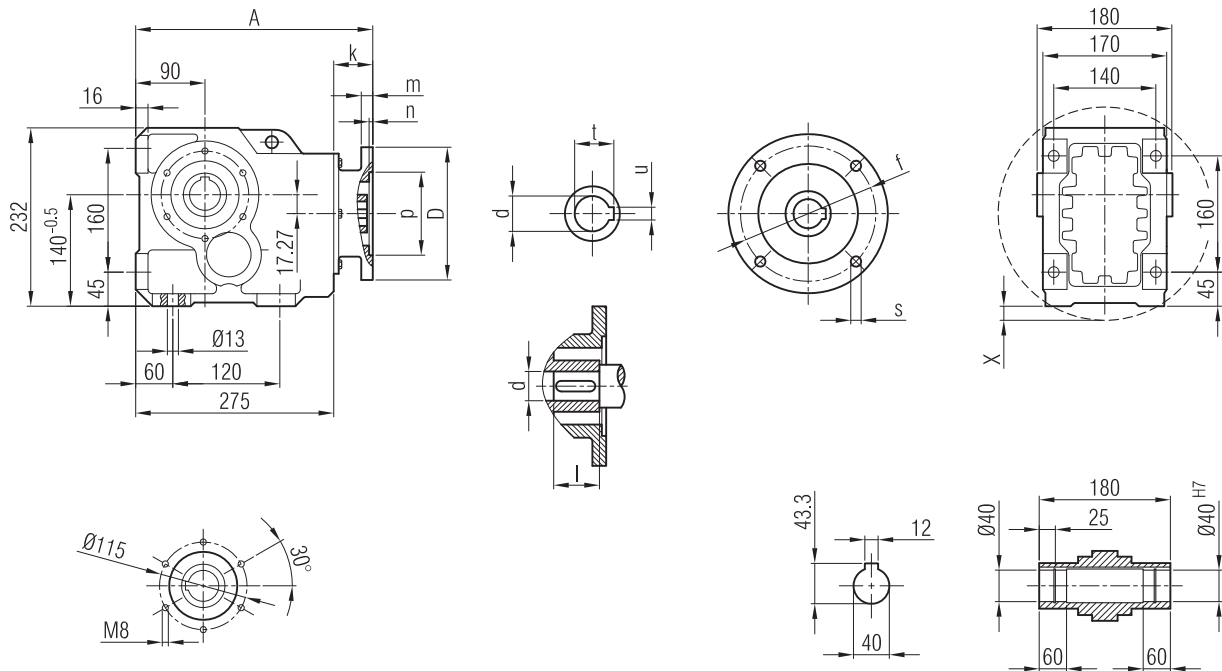
... -02



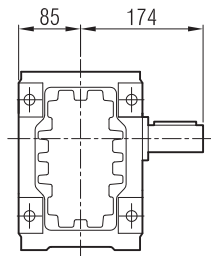
	A	Øp	Øf	ØD	s	k	m	n	Ød	l	t	u	X				
63/B5	311	110	130	160	M8	35.5	8	4	11	23	12.8	4	-				
71/B5	320	110	130	160	M8	45	9	4	14	30	16.3	5	-				
80/B5	325	130	165	200	M10	50	12	5	19	40	21.8	6	-				
90/B5	325	130	165	200	M10	50	12	5	24	50	27.3	8	-				
100/B5	338	180	215	250	M12	63	14	5	28	60	31.3	8	24.5				



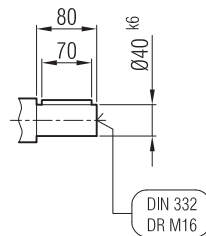
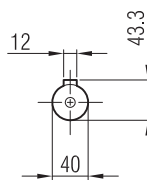
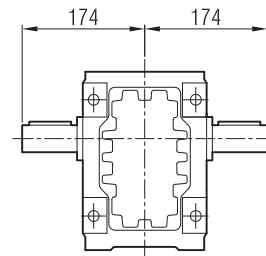
İRK 73



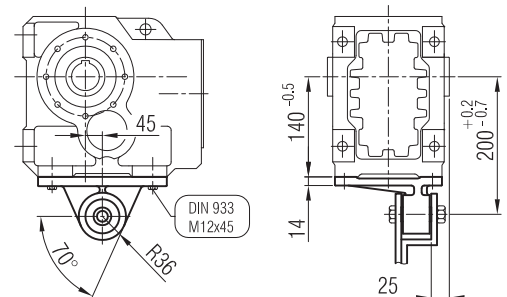
... -01



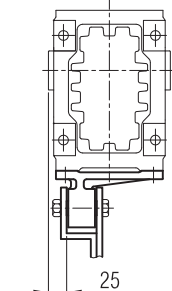
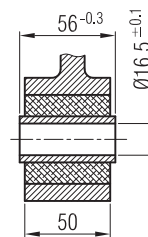
... -02



... -LT



... -RT

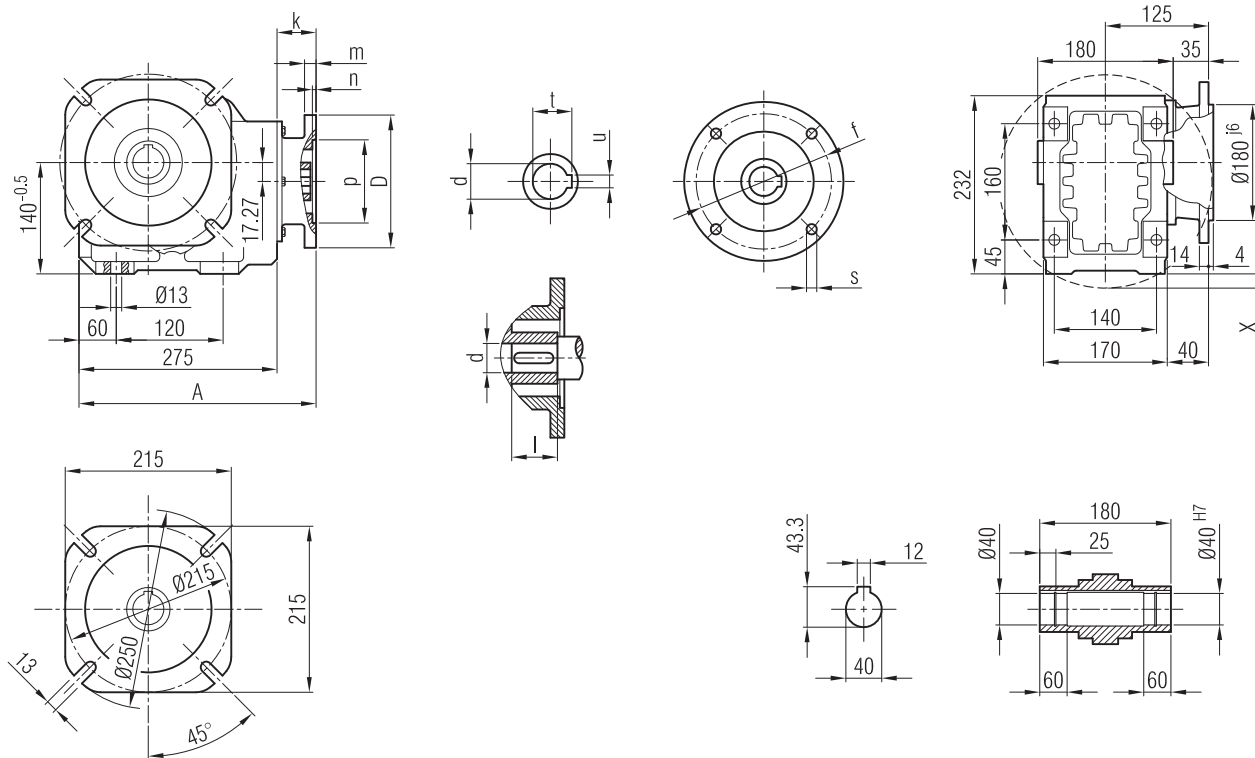


	A	Øp	Øf	ØD	s	k	m	n	Ød	l	t	u	X				
63/B5	311	110	130	160	M8	35.5	8	4	11	23	12.8	4	-				
71/B5	320	110	130	160	M8	45	9	4	14	30	16.3	5	-				
80/B5	325	130	165	200	M10	50	12	5	19	40	21.8	6	-				
90/B5	325	130	165	200	M10	50	12	5	24	50	27.3	8	-				
100/B5	338	180	215	250	M12	63	14	5	28	60	31.3	8	-				
112/B5	338	180	215	250	M12	63	14	5	28	60	31.3	8	-				
132/B5	354	230	265	300	M12	79	17	6	38	60	41.3	10	27.5				

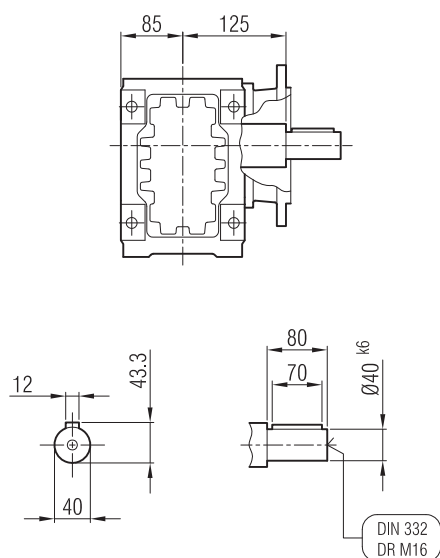




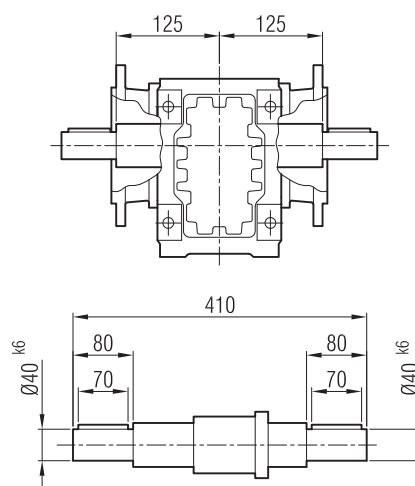
İRKF73



... -01



... -02

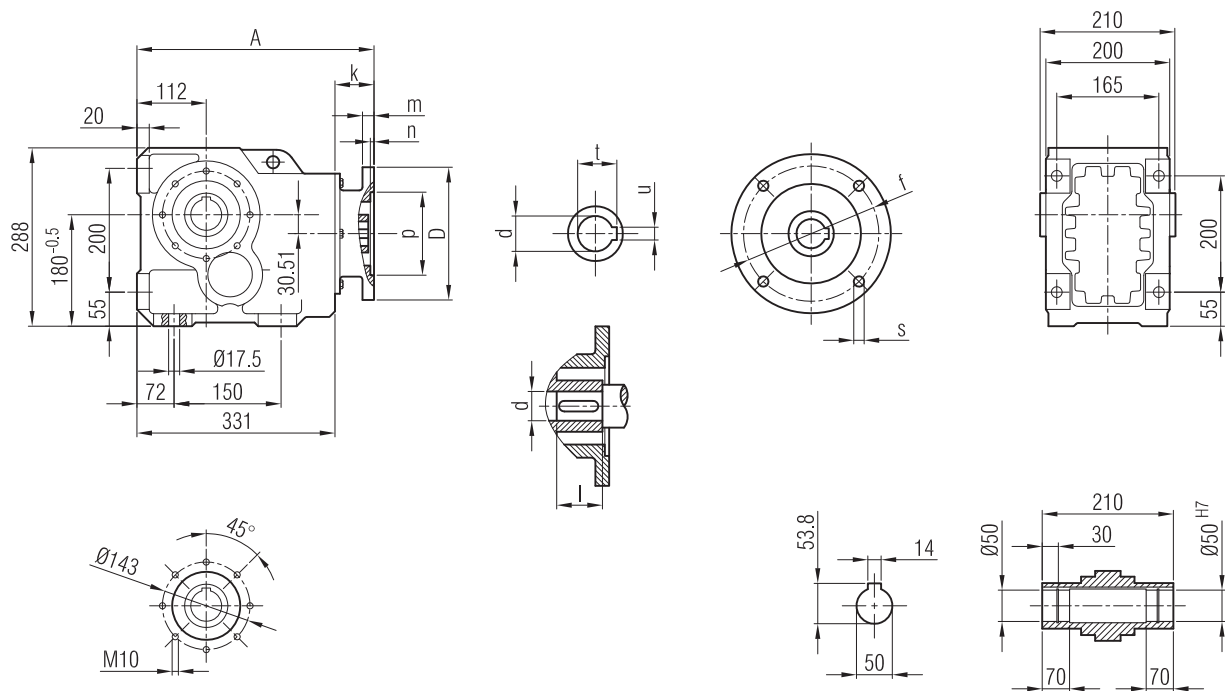


	A	Øp	Øf	ØD	s	k	m	n	Ød	l	t	u	X				
63/B5	311	110	130	160	M8	35.5	8	4	11	23	12.8	4	-				
71/B5	320	110	130	160	M8	45	9	4	14	30	16.3	5	-				
80/B5	325	130	165	200	M10	50	12	5	19	40	21.8	6	-				
90/B5	325	130	165	200	M10	50	12	5	24	50	27.3	8	-				
100/B5	338	180	215	250	M12	63	14	5	28	60	31.3	8	-				
112/B5	338	180	215	250	M12	63	14	5	28	60	31.3	8	-				
132/B5	354	230	265	300	M12	79	17	6	38	60	41.3	10	27.5				

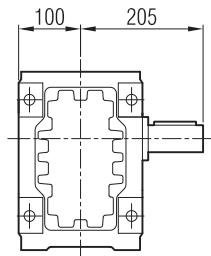




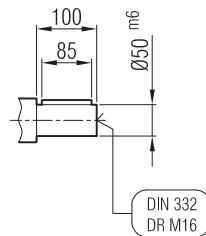
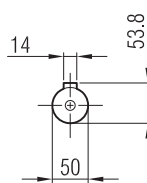
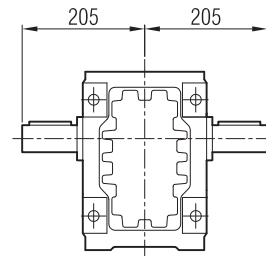
İRKP 83



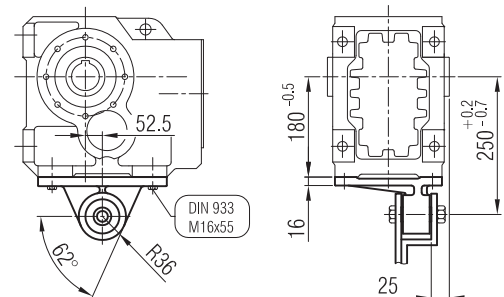
... -01



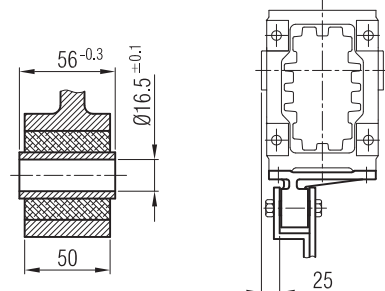
... -02



... -LT



... -RT

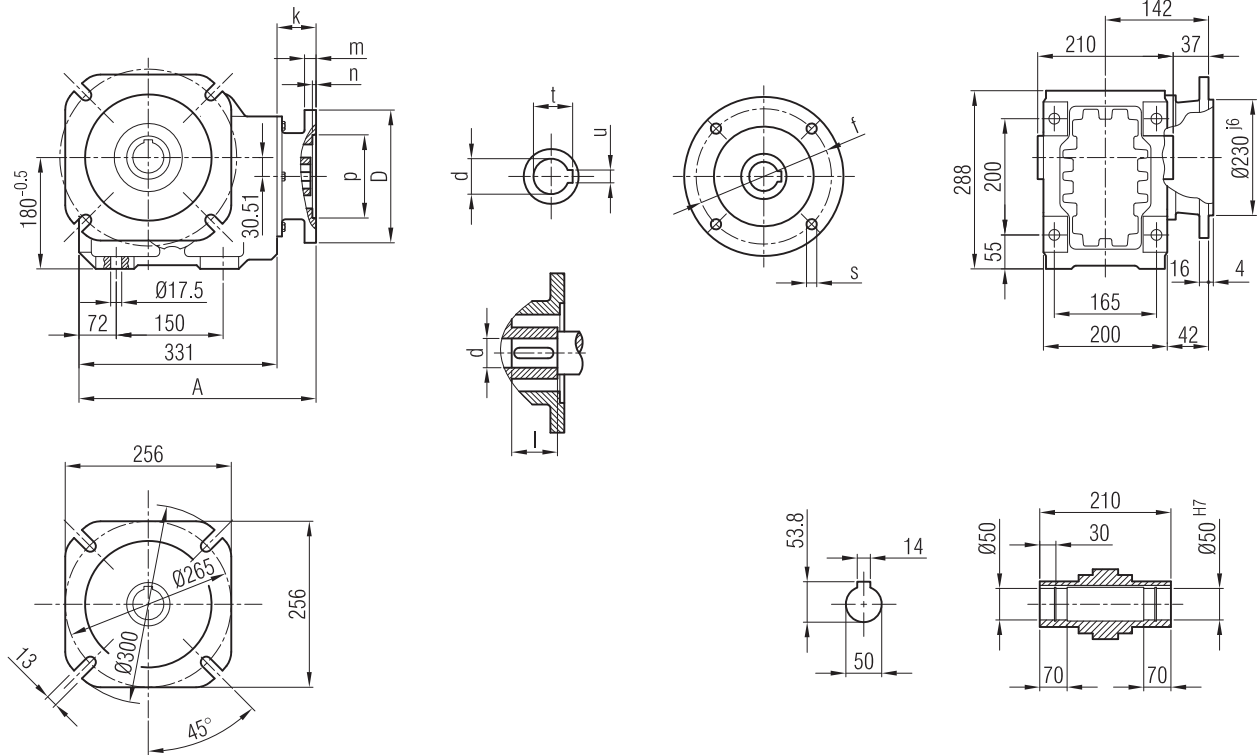


	A	Øp	Øf	ØD	s	k	m	n	Ød	l	t	u				
71/B5	386	110	130	160	M8	55	10	4	14	30	16.3	5				
80/B5	398	130	165	200	M10	67	12	5	19	40	21.8	6				
90/B5	398	130	165	200	M10	67	12	5	24	50	27.3	8				
100/B5	402.5	180	215	250	M12	71.5	14	5	28	60	31.3	8				
112/B5	402.5	180	215	250	M12	71.5	14	5	28	60	31.3	8				
132/B5	426.5	230	265	300	M12	95.5	17	5	38	60	41.3	10				

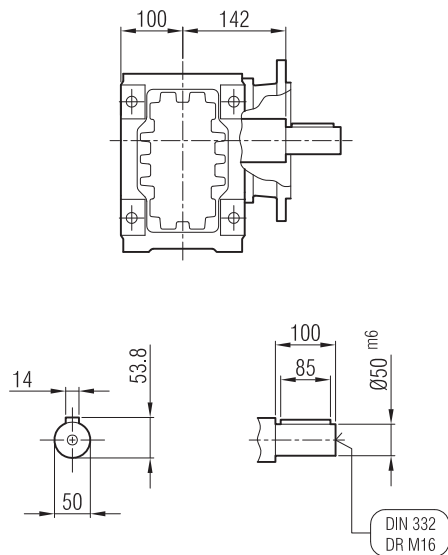




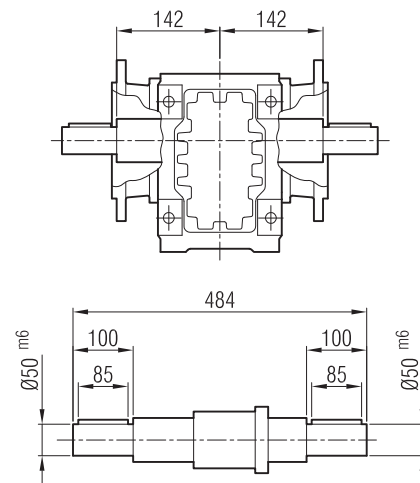
İRKF 83



... -01



... -02

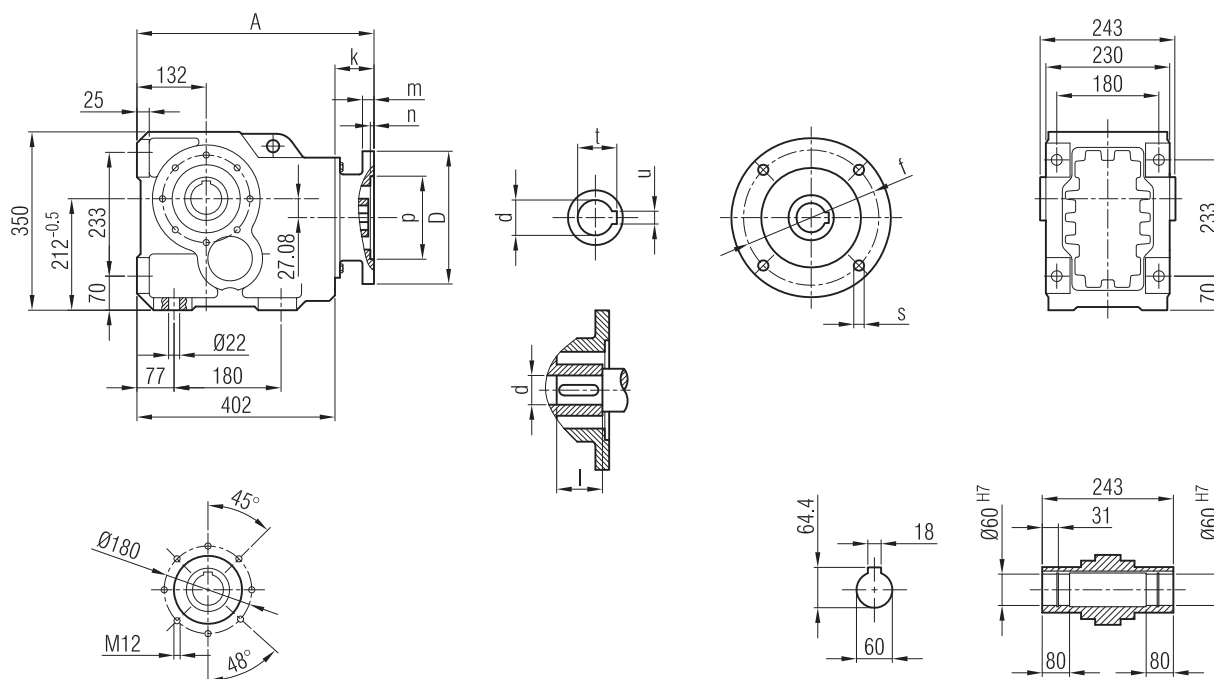


	A	Øp	Øf	ØD	s	k	m	n	Ød	l	t	u					
71/B5	386	110	130	160	M8	55	10	4	14	30	16.3	5					
80/B5	398	130	165	200	M10	67	12	5	19	40	21.8	6					
90/B5	398	130	165	200	M10	67	12	5	24	50	27.3	8					
100/B5	402.5	180	215	250	M12	71.5	14	5	28	60	31.3	8					
112/B5	402.5	180	215	250	M12	71.5	14	5	28	60	31.3	8					
132/B5	426.5	230	265	300	M12	95.5	17	5	38	60	41.3	10					

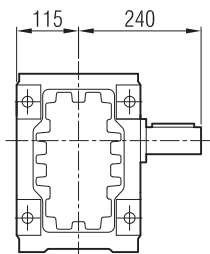




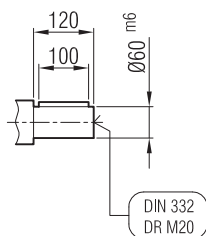
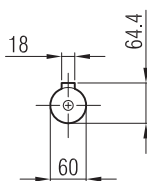
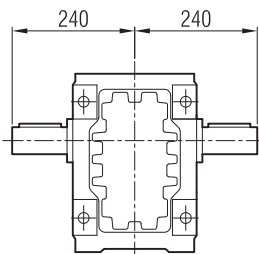
İRKP 93



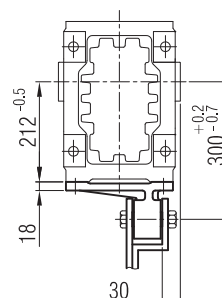
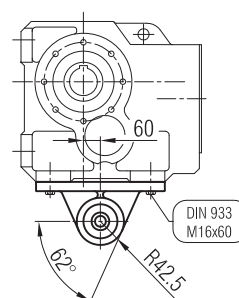
... -01



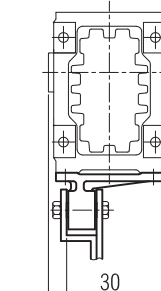
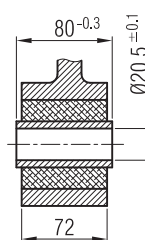
... -02



... -LT



... -RT

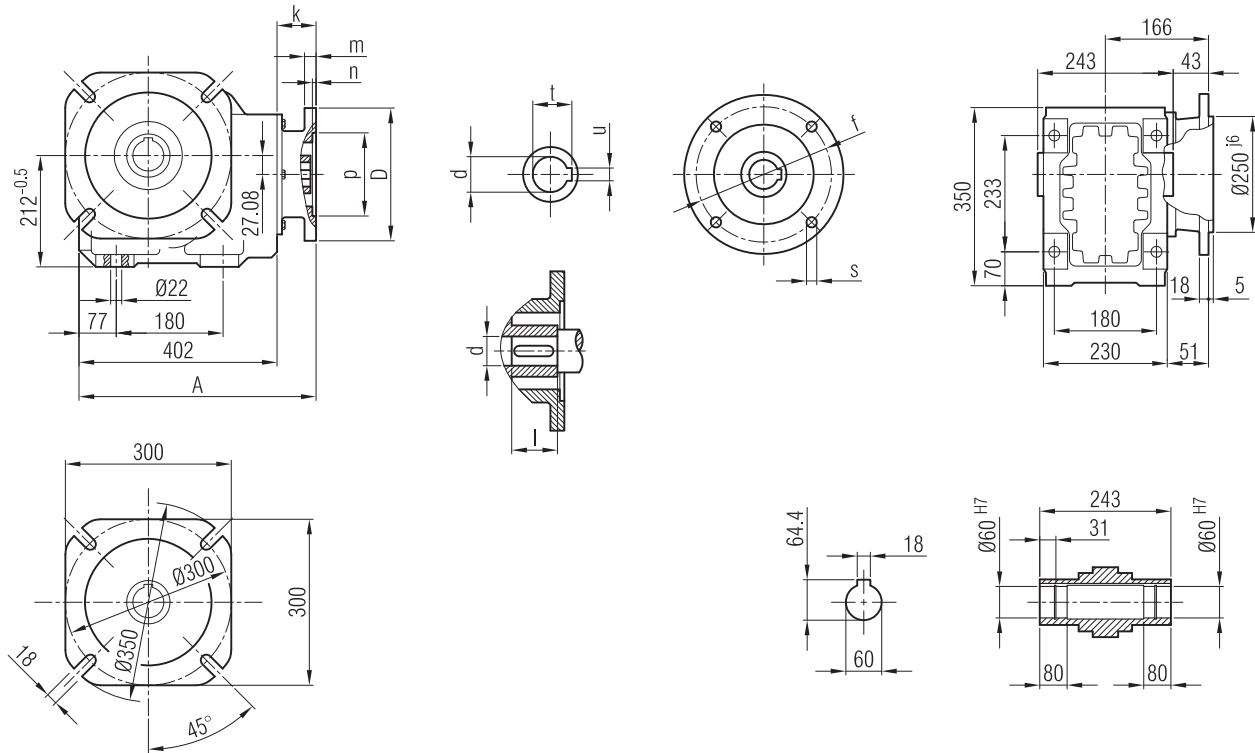


	A	Øp	Øf	ØD	s	k	m	n	Ød	l	t	u				
80/B5	468	130	165	200	M10	66	12	5	19	40	21.8	6				
90/B5	468	130	165	200	M10	66	12	5	24	50	27.3	8				
100/B5	476	180	215	250	M12	74	14	5	28	60	31.3	8				
112/B5	476	180	215	250	M12	74	14	5	28	60	31.3	8				
132/B5	497	230	265	300	M12	95	17	6	38	80	41.3	10				
160/B5	513	250	300	350	M14	111	18	6.5	42	110	45.3	12				
180/B5	513	250	300	350	M14	111	18	6.5	48	110	51.8	14				

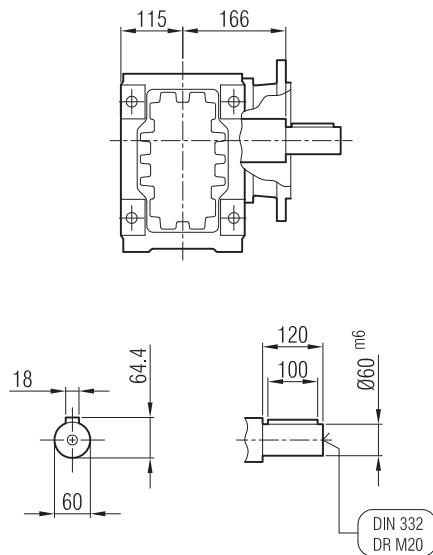




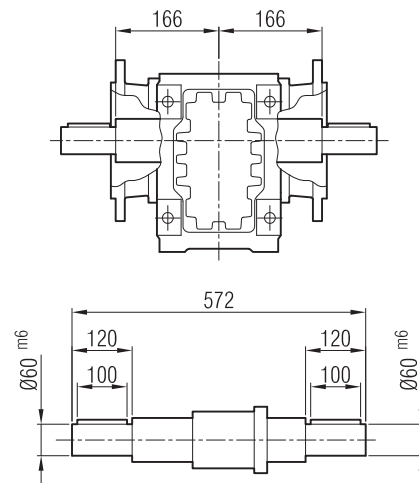
İRKF93



... -01



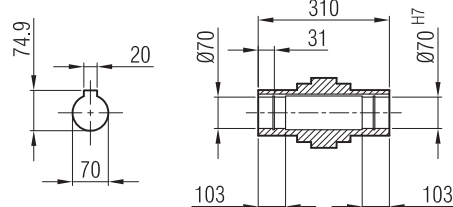
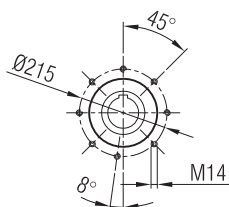
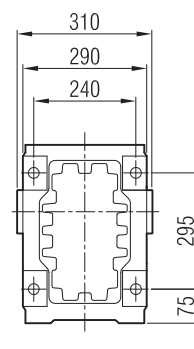
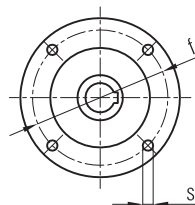
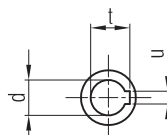
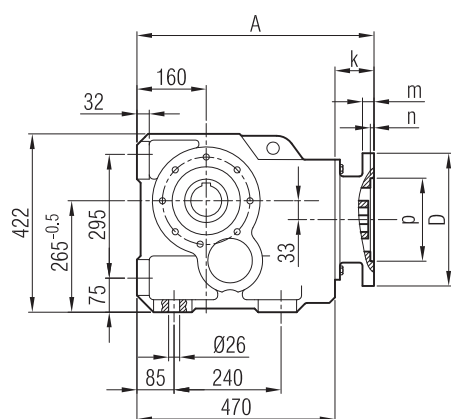
... -02



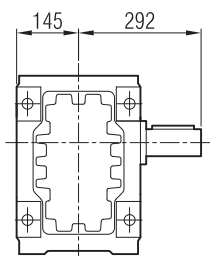
	A	Øp	Øf	ØD	s	k	m	n	Ød	l	t	u					
80/B5	468	130	165	200	M10	66	12	5	19	40	21.8	6					
90/B5	468	130	165	200	M10	66	12	5	24	50	27.3	8					
100/B5	476	180	215	250	M12	74	14	5	28	60	31.3	8					
112/B5	476	180	215	250	M12	74	14	5	28	60	31.3	8					
132/B5	497	230	265	300	M12	95	17	6	38	80	41.3	10					
160/B5	513	250	300	350	M14	111	18	6.5	42	110	45.3	12					
180/B5	513	250	300	350	M14	111	18	6.5	48	110	51.8	14					



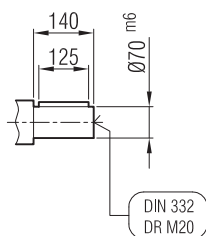
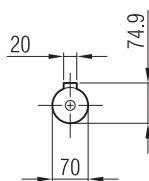
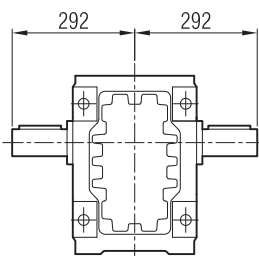
İRKP 103



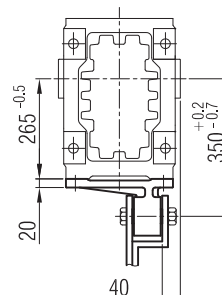
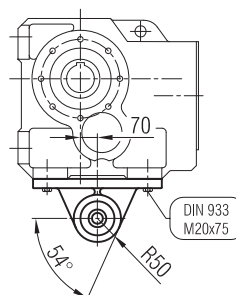
... -01



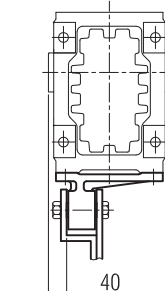
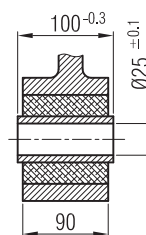
... -02



... -LT



... -RT

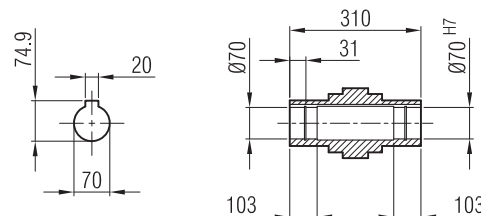
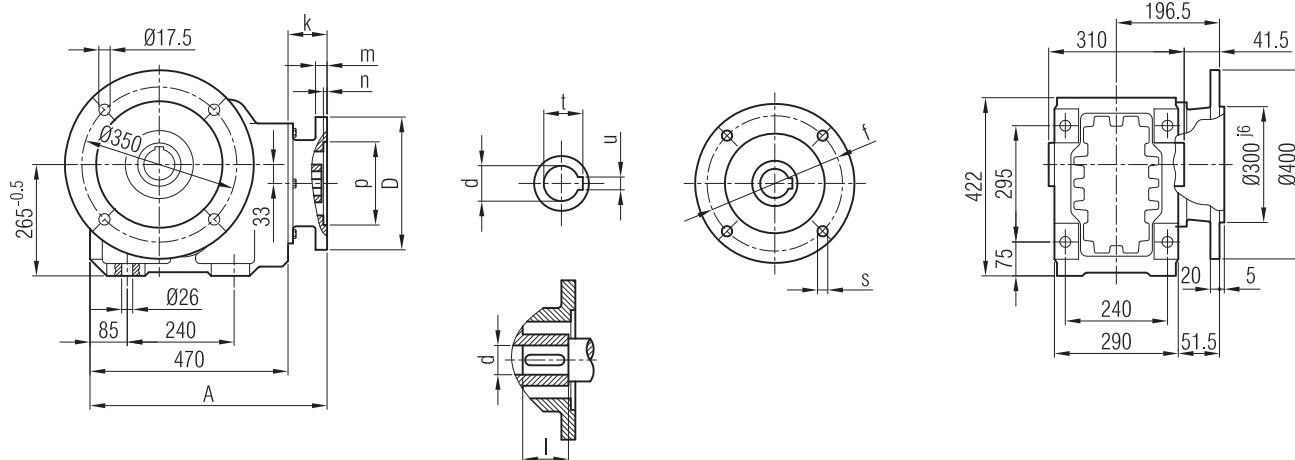


	A	Øp	Øf	ØD	s	k	m	n	Ød	l	t	u					
90/B5	519	130	165	200	M10	49	12	5	24	50	27.3	8					
100/B5	528	180	215	250	M12	58	14	5	28	60	31.3	8					
112/B5	528	180	215	250	M12	58	14	5	28	60	31.3	8					
132/B5	565	230	265	300	M12	95	17	6	38	80	41.3	10					
160/B5	581	250	300	350	M14	111	18	6.5	42	110	45.3	12					
180/B5	581	250	300	350	M14	111	18	6.5	48	110	51.8	14					
200/B5	629	300	350	400	M16	159	20	6.5	55	110	59.3	16					

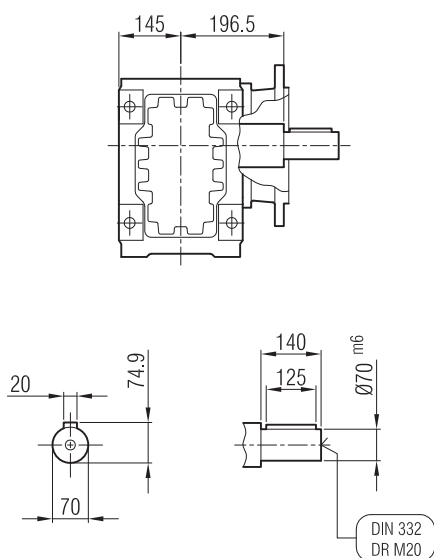




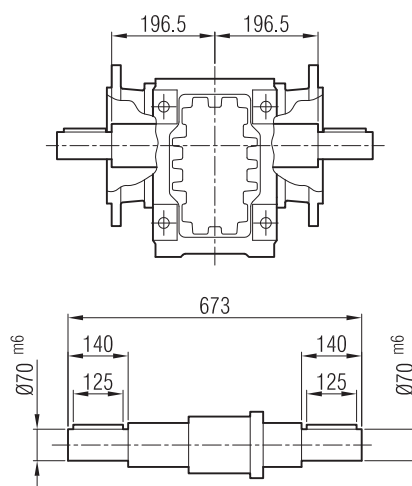
İRKFP 103



... -01



... -02

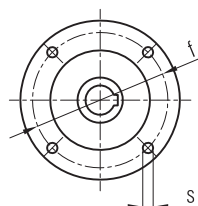
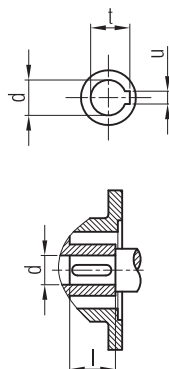
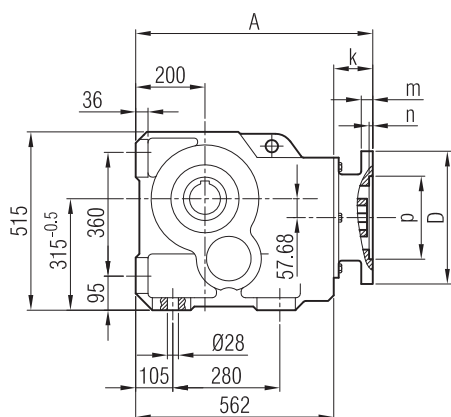


	A	Øp	Øf	ØD	s	k	m	n	Ød	l	t	u					
90/B5	519	130	165	200	M10	49	12	5	24	50	27.3	8					
100/B5	528	180	215	250	M12	58	14	5	28	60	31.3	8					
112/B5	528	180	215	250	M12	58	14	5	28	60	31.3	8					
132/B5	565	230	265	300	M12	95	17	6	38	80	41.3	10					
160/B5	581	250	300	350	M14	111	18	6.5	42	110	45.3	12					
180/B5	581	250	300	350	M14	111	18	6.5	48	110	51.8	14					
200/B5	629	300	350	400	M16	159	20	6.5	55	110	59.3	16					

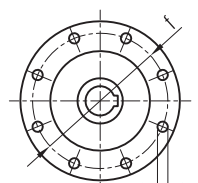




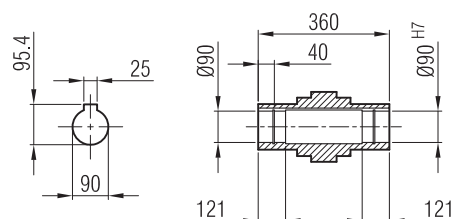
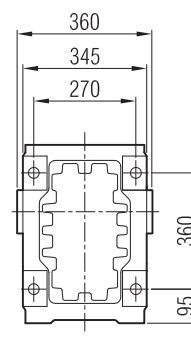
İRKP 123



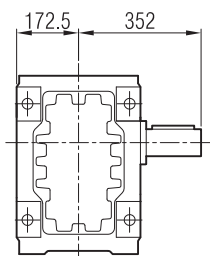
≤ 200 B5 Tip/Type/Typ



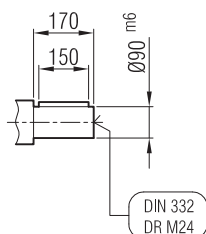
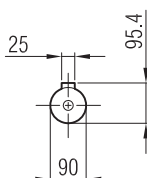
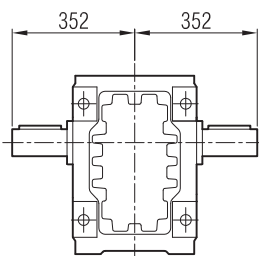
≥ 225 B5 Tip/Type/Typ



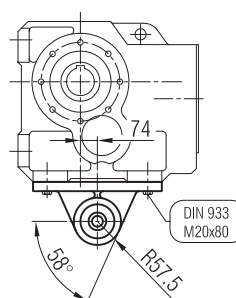
... -01



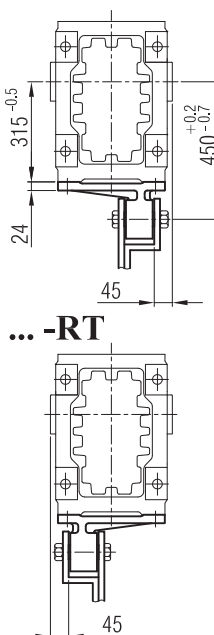
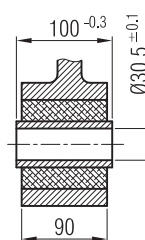
... -02



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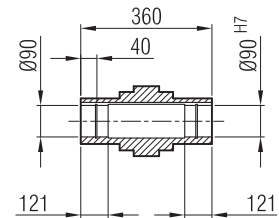
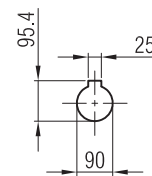
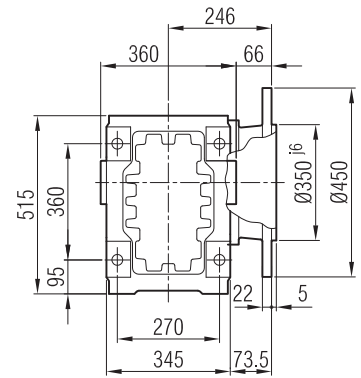
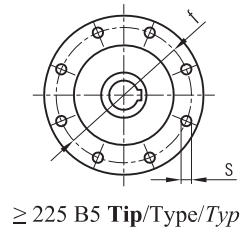
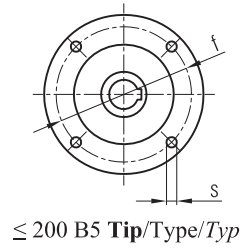
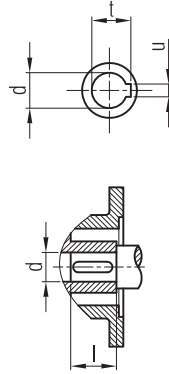
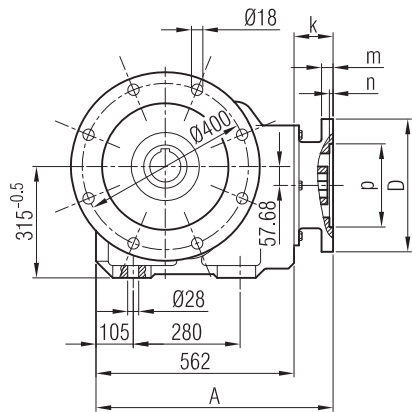


	A	Øp	Øf	ØD	s	k	m	n	Ød	l	t	u				
100/B5	619	180	215	250	M12	57	15	5	28	60	31.3	8				
112/B5	619	180	215	250	M12	57	15	5	28	60	31.3	8				
132/B5	646	230	265	300	M12	84	17	6	38	80	41.3	10				
160/B5	653	250	300	350	M14	91	18	6.5	42	110	45.3	12				
180/B5	653	250	300	350	M14	91	18	6.5	48	110	51.8	14				
200/B5	721	300	350	400	M16	159	20	6.5	55	110	59.3	16				
225/B5	728	350	400	450	M16	166	22	6.5	60	140	69.4	18				

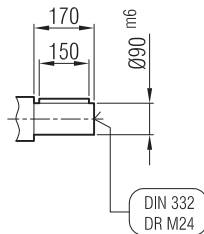
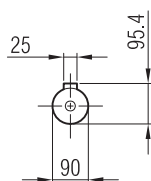
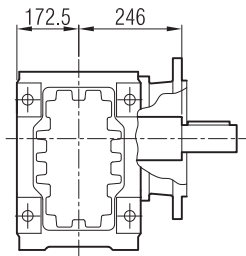




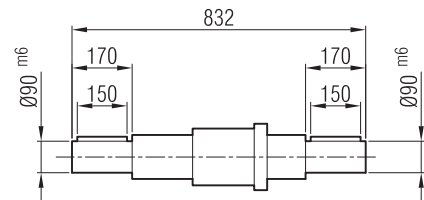
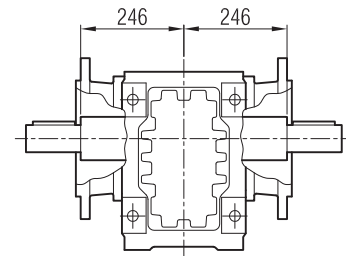
İRKFP 123



... -01



... -02

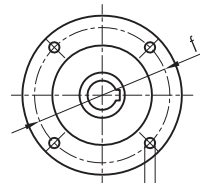
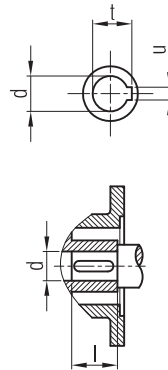
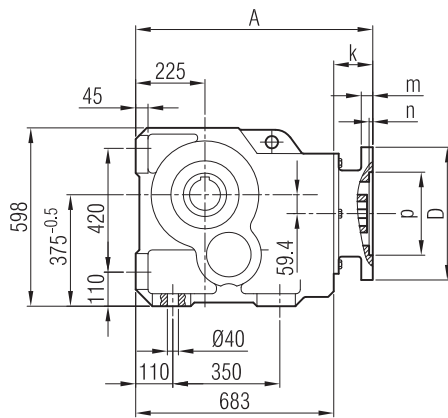


	A	Øp	Øf	ØD	s	k	m	n	Ød	l	t	u					
100/B5	619	180	215	250	M12	57	15	5	28	60	31.3	8					
112/B5	619	180	215	250	M12	57	15	5	28	60	31.3	8					
132/B5	646	230	265	300	M12	84	17	6	38	80	41.3	10					
160/B5	653	250	300	350	M14	91	18	6.5	42	110	45.3	12					
180/B5	653	250	300	350	M14	91	18	6.5	48	110	51.8	14					
200/B5	721	300	350	400	M16	159	20	6.5	55	110	59.3	16					
225/B5	728	350	400	450	M16	166	22	6.5	60	140	69.4	18					

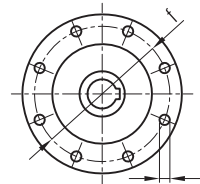




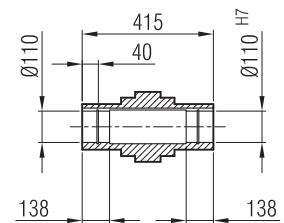
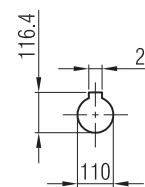
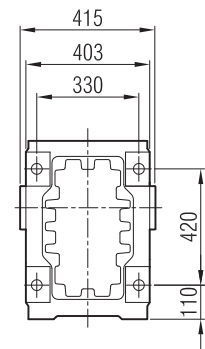
İRKP 143



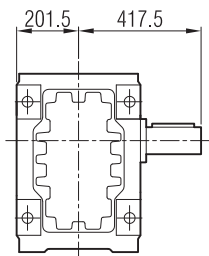
≤ 200 B5 Tip/Type/Typ



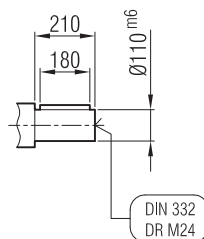
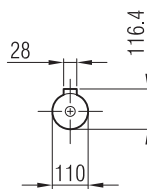
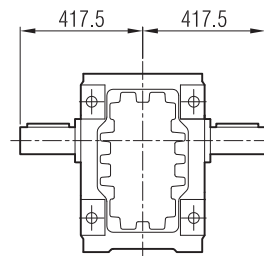
≥ 225 B5 Tip/Type/Typ



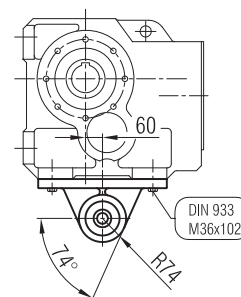
... -01



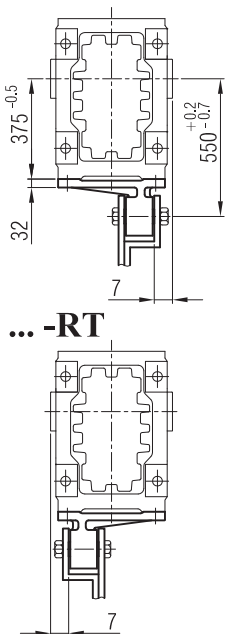
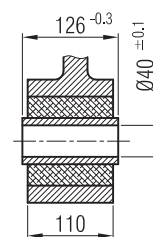
... -02



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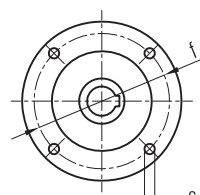
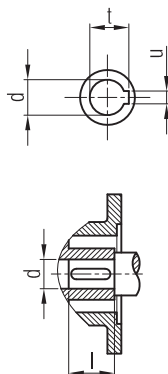
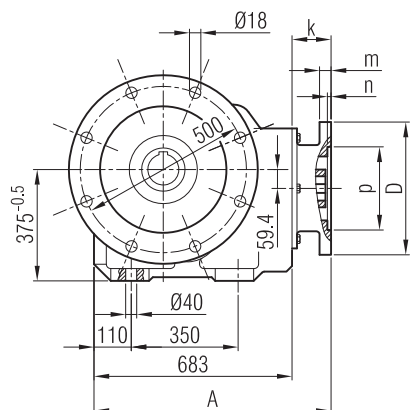


	A	Øp	Øf	ØD	s	k	m	n	Ød	l	t	u					
112/B5	740	180	215	250	M12	57	15	5	28	60	31.3	8					
132/B5	744	230	265	300	M12	61	17	6	38	80	41.3	10					
160/B5	774	250	300	350	M14	91	18	6.5	42	110	45.3	12					
180/B5	774	250	300	350	M14	91	18	6.5	48	110	51.8	14					
200/B5	842	300	350	400	M16	159	20	6.5	55	110	59.3	16					
225/B5	849	350	400	450	M16	166	22	6.5	60	140	64.4	18					
250/B5	846	450	500	550	M16	163	22	6.5	65	140	69.4	18					
280/B5	846	450	500	550	M16	163	22	6.5	75	140	79.9	20					

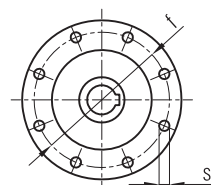




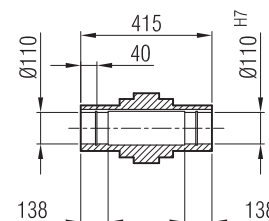
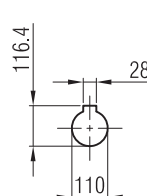
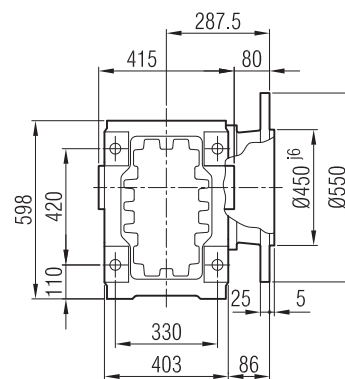
İRKFP 143



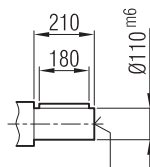
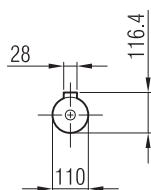
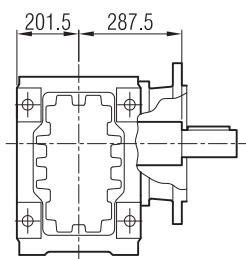
≤ 200 B5 Tip/Type/Typ



≥ 225 B5 Tip/Type/Typ

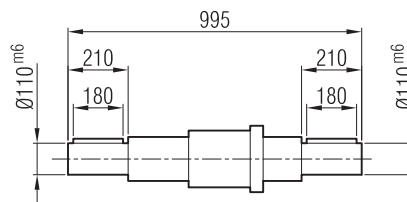
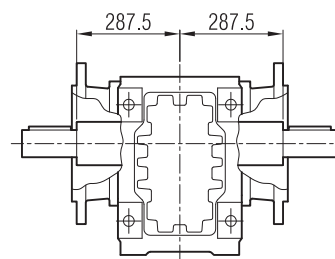


... -01



DIN 332
DR M24

... -02



	A	Øp	Øf	ØD	s	k	m	n	Ød	l	t	u					
112/B5	740	180	215	250	M12	57	15	5	28	60	31.3	8					
132/B5	744	230	265	300	M12	61	17	6	38	80	41.3	10					
160/B5	774	250	300	350	M14	91	18	6.5	42	110	45.3	12					
180/B5	774	250	300	350	M14	91	18	6.5	48	110	51.8	14					
200/B5	842	300	350	400	M16	159	20	6.5	55	110	59.3	16					
225/B5	849	350	400	450	M16	166	22	6.5	60	140	64.4	18					
250/B5	846	450	500	550	M16	163	22	6.5	65	140	69.4	18					
280/B5	846	450	500	550	M16	163	22	6.5	75	140	79.9	20					

