



REDÜKTÖR VARYATÖR SAN. ve TİC. A.Ş. / GEARBOX & VARIATOR CORPORATION

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1973'ten bugüne  
GÜÇLÜ çözümler üretiyoruz...

since 1973

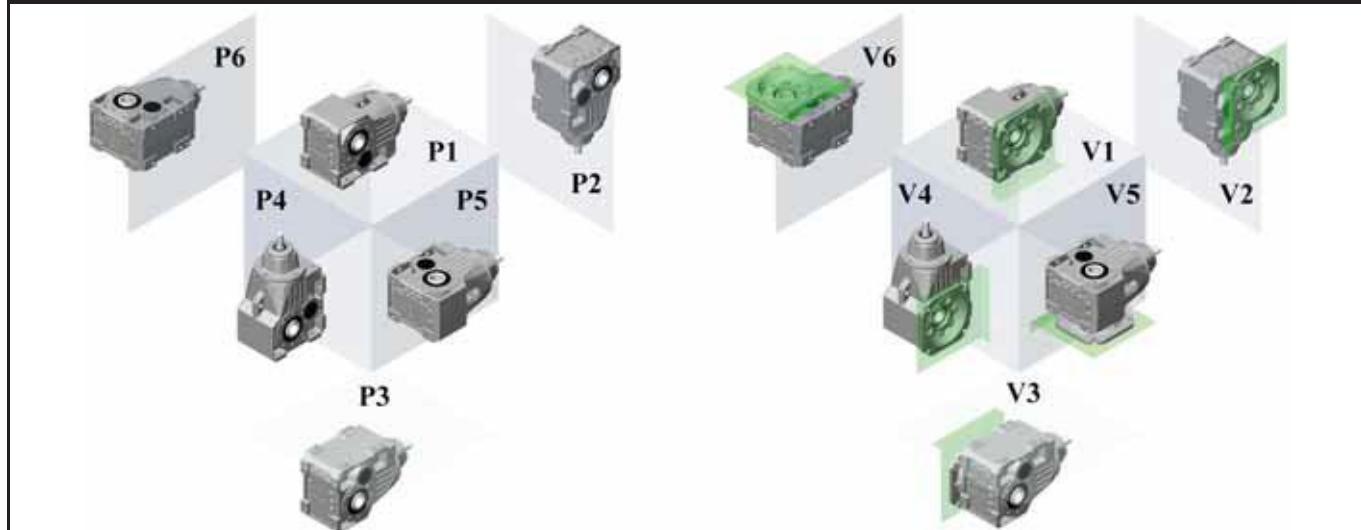
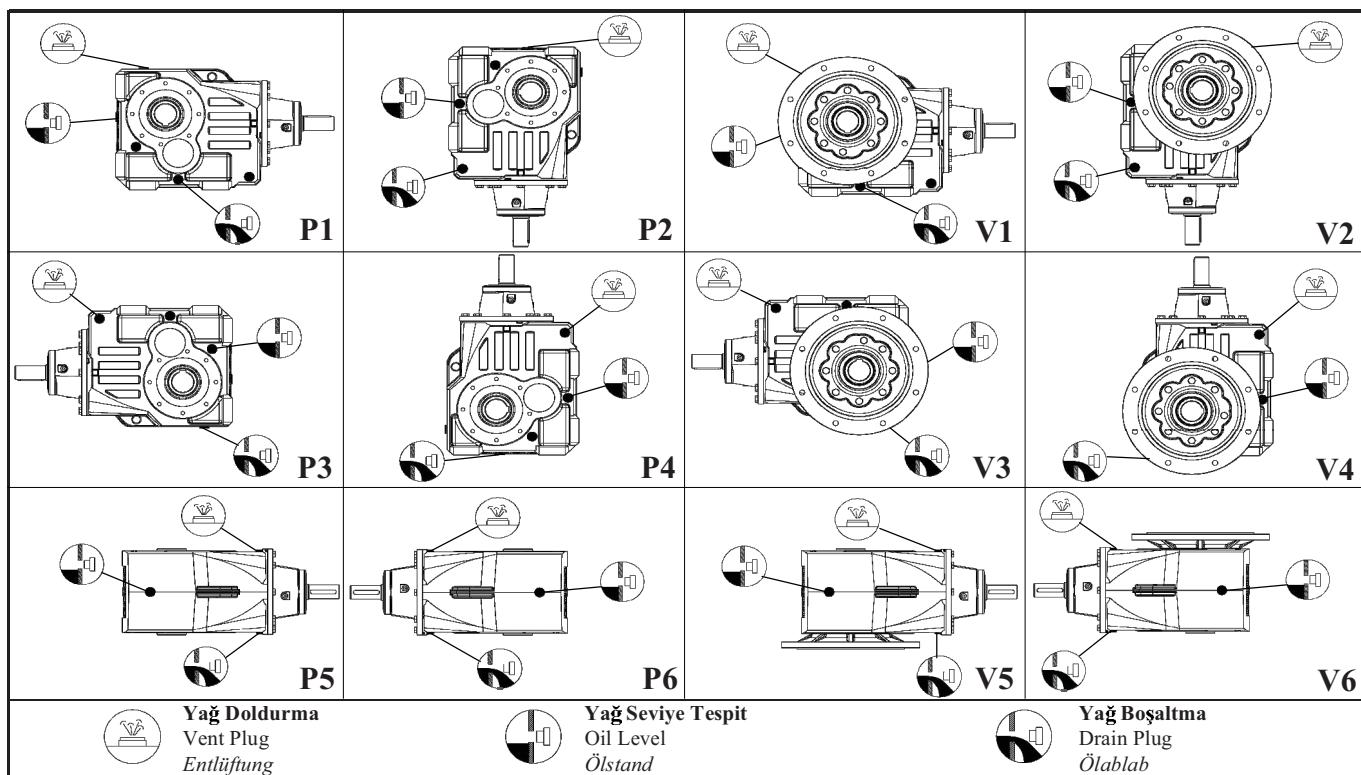
we are producing POWERFUL solutions...



**Yağ Tablosu**
**Lubricant Table**
**Schmiere Tabelle**

Yağ Cinsi Lubricant <i>Art des Schmierstoffs</i>	ISO Viskozite Sınıfı ISO Viscosity Class <i>Viskositäts Klasse ISO</i>	Kullanım Sıcaklığı Usage Temperature <i>Gebrauchstemperature</i>	Firma Firm <i>Firma</i>						
<b>Mineral Yağ</b> Mineral Oil <i>Minerallöll</i>	ISO VG 320	0.....+100	Degol BG 320	Mobilgear 632	Energol GR-XP320	Omala 320	Belgear M-320-Süper	GEM 1 320	Spartan EP 320
	ISO VG 220	-5.....+100	Degol BG 220	Mobilgear 630	Energol GR-XP220	Omala 220	Belgear M-220-Süper	GEM 1 220	Spartan EP 220
	ISO VG 150	-5.....+100	Degol BG 150	Mobilgear 629	Energol GR-XP150	Omala 150	Belgear M-150-Süper	GEM 1 150	Spartan EP 150
	ISO VG 100	-5.....+100	Degol BG 100	Mobilgear 627	Energol GR-XP100	Omala 100	Belgear M-100-Süper	GEM 1 100	Spartan EP 100
<b>Sentetik Yağ</b> Synthetic Oil <i>Synthetisch Öl</i>	ISO VG 320	-25.....+140	Degol GS 320	Gylgoyle 320	Enersyn SG-XP320			Syntheso D 320 EP	Glycolube 320
	ISO VG 220	-25.....+140	Degol GS 220	Gylgoyle 220	Enersyn SG-XP220	Tivela WB		Syntheso D 220 EP	
	ISO VG 150	-30.....+140	Degol GS 150		Enersyn SG-XP150			Syntheso D 150 EP	
	ISO VG 100	-30.....+140			Enersyn SG-XP100			Syntheso D 100 EP	





TİP Type Typ	Bağlantı Pozisyonları için Yağ Miktarları ( litre )											
	Oil Quantities for Mounting Positions ( 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			





İRK ...



İRK ... - 01



İRKF ...



İRKF ... - 01



İRK ....-...



İRK ....-... - 01



İRKF ....-...



İRKF ....-... - 01



**n<sub>1</sub> = 1400** d/d  
r.p.m

Servis Faktörü Service Factor	S <sub>f</sub> = 1	P <sub>1</sub> GÜÇ Power	n <sub>2</sub> Çıkış Devri Output Speeds	I Tahvil Ratio	M <sub>2</sub> Çıkış Momenti Output Torque	F <sub>Q1</sub> Rad. Yük Over Loads	F <sub>Q1o</sub> Rad. Yük Over Loads	Tip Type Typ	d/d r.p.m
Betriebsfaktor S <sub>f</sub> = 1		Leistung [kW]	Abtriebswelle Drehzahlen [r.p.m]	Übersetzung	Abtriebswelle Drehmomente	Querkräfte	Querkräfte		kg
<b>400 Nm</b>		<b>0,006</b>	0,14	9848	400	475	7000		
		<b>0,007</b>	0,16	8540	400	475	7000		
		<b>0,008</b>	0,18	7771	400	475	7000		
		<b>0,009</b>	0,20	6800	400	475	7000		
		<b>0,011</b>	0,24	5726	400	475	7000		
		<b>0,013</b>	0,28	4966	400	475	7000		
		<b>0,015</b>	0,32	4385	400	475	7000		
		<b>0,017</b>	0,36	3898	400	475	7000		
		<b>0,019</b>	0,41	3415	400	475	7000	<b>İRK</b>	567 40
		<b>0,023</b>	0,50	2769	400	475	7000	<b>İRKF 63</b>	568 43
		<b>0,026</b>	0,57	2445	400	475	7000		
		<b>0,029</b>	0,64	2173	400	475	7000		
		<b>0,034</b>	0,75	1868	400	475	7000		
		<b>0,038</b>	0,83	1669	400	475	7000		
		<b>0,043</b>	0,93	1497	400	475	7000		
		<b>0,046</b>	1,0	1348	400	475	7000		
		<b>0,050</b>	1,1	1216	400	475	7000		
		<b>0,060</b>	1,3	1100	400	475	7000		
		<b>0,07</b>	1,6	868	400	475	7000		
		<b>0,08</b>	1,8	771	400	475	7000		
		<b>0,09</b>	2,1	663	400	475	7000		
		<b>0,10</b>	2,3	592	400	475	7000		
		<b>0,12</b>	2,6	531	400	475	7000		
		<b>0,13</b>	2,9	478	400	475	7000		
		<b>0,14</b>	3,2	432	400	475	7000		
		<b>0,17</b>	3,7	378	400	475	7000		
		<b>0,18</b>	4,0	342	400	475	7000		
		<b>0,19</b>	4,3	325	400	475	7000		
		<b>0,22</b>	4,8	288	400	475	7000	<b>İRK</b>	567 39
		<b>0,25</b>	5,5	253	400	475	7000	<b>İRKF 63</b>	568 42
		<b>0,28</b>	6,2	226	400	475	7000		
		<b>0,31</b>	6,9	203	400	475	7000		
		<b>0,34</b>	7,6	183	400	475	7000		
		<b>0,39</b>	8,7	161	400	475	7000		
		<b>0,43</b>	9,6	146	400	475	7000		
		<b>0,45</b>	10	139	400	475	7000		
		<b>0,50</b>	11	125	400	475	7000		
		<b>0,54</b>	12	113	400	475	7000		
		<b>0,59</b>	13	108	400	475	7000		
		<b>0,68</b>	15	95	400	475	7000		
		<b>0,44</b>	10	133,140	400	590	7000		
		<b>0,48</b>	11	121,008	400	590	7000		
		<b>0,53</b>	12	115,460	400	590	7000		
		<b>0,57</b>	13	104,939	400	590	7000		
		<b>0,66</b>	15	93,198	400	590	7000		
		<b>0,70</b>	16	84,705	400	590	7000	<b>İRK</b>	553 26
		<b>0,75</b>	17	80,822	400	590	7000	<b>İRKF 63</b>	554 29
		<b>0,83</b>	19	73,457	400	590	7000		
		<b>0,96</b>	22	64,351	400	590	7000		
		<b>1,1</b>	25	56,829	400	590	7000		
		<b>1,2</b>	28	50,515	400	590	7000		
		<b>1,4</b>	31	44,898	400	590	7000		
		<b>1,6</b>	36	38,584	400	590	7000		





**n<sub>1</sub> = 1400** d/d  
r.p.m

Servis Faktörü Service Factor	S <sub>f</sub> = 1	P <sub>1</sub> GÜÇ Power	n <sub>2</sub> Çıkış Devri Output Speeds Abtriebswelle Drehzahlen	I Tahvil Ratio	M <sub>2</sub> Çıkış Momenti Output Torque Abtriebswelle Drehmomente	F <sub>Q1</sub> Rad. Yük Over Loads Querkräfte	F <sub>Q10</sub> Rad. Yük Over Loads Querkräfte	Tip Type Typ	
Betriebsfaktor S <sub>f</sub> = 1		[kW]	[r.p.m]		[Nm]	[N]	[N]		kg
<b>400 Nm</b>		1,8	41	34,472	400	590	7000		
		2,0	45	30,928	400	590	7000		
		2,2	50	27,841	400	590	7000		
		2,5	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	<b>İRK</b>	553 26
		4,6	104	13,496	400	590	7000	<b>İRKF</b> 63	554 29
		5,0	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		
		8,5	195	7,165	400	590	7000		
<b>780 Nm</b>		0,01	0,11	12336	780	475	12100		
		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	0,22	6217	780	475	12100		
		0,02	0,24	5735	780	475	12100		
		0,03	0,28	4892	780	475	12100	<b>İRK</b>	559 42
		0,03	0,31	4460	780	475	12100	<b>İRKF</b> 73	560 48
		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	0,60	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	1,00	1368	780	475	12100		
		0,11	1,3	1089	780	475	12100		
		0,14	1,6	880	780	475	12100		
		0,15	1,7	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		
		0,26	2,9	484	780	475	12100		
		0,29	3,3	426	780	475	12100		
		0,33	3,7	380	780	475	12100	<b>İRK</b>	559 41
		0,37	4,2	335	780	475	12100	<b>İRKF</b> 73	560 47
		0,41	4,7	295	780	475	12100		
		0,48	5,4	260	780	475	12100		
		0,55	6,3	222	780	475	12100		
		0,63	7,1	196	780	475	12100		
		0,70	8,0	173	780	475	12100		
		0,79	9,0	156	780	475	12100		
		0,88	10	138	780	475	12100		
		0,97	11	122	780	475	12100		





**n<sub>1</sub> = 1400** d/d  
r.p.m

Servis Faktörü	S <sub>f</sub> = 1	P <sub>1</sub> GÜC Power	n <sub>2</sub> Çıkış Devri Output Speeds Abtriebswelle Drehzahlen	I	M <sub>2</sub> Çıkış Momenti Output Torque Abtriebswelle Drehmomente	F <sub>Q1</sub> Rad. Yük Over Loads Querkräfte	F <sub>Q1o</sub> Rad. Yük Over Loads Querkräfte	Tip Type Typ	
Service Factor	S <sub>f</sub> = 1	[kW]	[r.p.m]		[Nm]	[N]	[N]		kg
<b>780 Nm</b>		<b>0,89</b>	10,4	133,989	780	590	12100		
		<b>0,94</b>	11	125,038	780	590	12100		
		<b>1,03</b>	12	117,030	780	590	12100		
		<b>1,28</b>	15	91,961	780	590	12100		
		<b>1,62</b>	19	74,320	780	590	12100		
		<b>1,88</b>	22	63,397	780	590	11000		
		<b>2,31</b>	27	51,235	780	590	11000		
		<b>2,56</b>	30	46,413	780	590	11000		
		<b>2,82</b>	33	42,212	780	590	11000		
		<b>3,42</b>	40	35,251	780	590	10500		
		<b>3,76</b>	44	32,154	780	590	10500		
		<b>4,19</b>	49	28,387	780	590	10500		
		<b>4,79</b>	56	24,947	780	590	10500	<b>İRK 73</b>	555 36
		<b>5,47</b>	64	22,024	780	590	10500		556 42
		<b>6,15</b>	72	19,505	780	590	10500		
		<b>6,84</b>	80	17,590	780	590	10500		
		<b>7,69</b>	90	15,530	780	590	10500		
		<b>8,72</b>	102	13,753	780	590	10000		
		<b>9,83</b>	115	12,206	780	590	10000		
		<b>10,2</b>	119	11,753	780	590	10000		
		<b>11,0</b>	129	10,847	780	590	10000		
		<b>11,5</b>	135	10,736	780	590	10000		
		<b>13,0</b>	152	9,189	780	590	10000		
		<b>14,7</b>	172	8,155	780	590	10000		
		<b>16,5</b>	193	7,247	780	590	10000		
<b>1500 Nm</b>		<b>0,01</b>	0,08	17533	1500	475	19180		
		<b>0,02</b>	0,09	15157	1500	475	19180		
		<b>0,02</b>	0,11	12996	1500	475	19180		
		<b>0,03</b>	0,14	9908	1500	475	19180		
		<b>0,03</b>	0,16	8812	1500	475	19180		
		<b>0,04</b>	0,19	7420	1500	475	19180		
		<b>0,04</b>	0,22	6435	1500	475	19180		
		<b>0,04</b>	0,24	5762	1500	475	19180		
		<b>0,05</b>	0,30	4677	1500	475	19180		
		<b>0,06</b>	0,34	4097	1500	475	19180		
		<b>0,07</b>	0,39	3599	1500	475	19180	<b>İRK 83 İR 53</b>	571 70
		<b>0,08</b>	0,44	3199	1500	475	19180		572 77
		<b>0,08</b>	0,48	2919	1500	475	19180		
		<b>0,09</b>	0,54	2577	1500	475	19180		
		<b>0,10</b>	0,61	2291	1500	475	19180		
		<b>0,12</b>	0,68	2047	1500	475	19180		
		<b>0,13</b>	0,75	1860	1500	475	19180		
		<b>0,14</b>	0,84	1669	1500	475	19180		
		<b>0,16</b>	0,93	1502	1500	475	19180		
		<b>0,17</b>	1,00	1378	1500	475	19180		
		<b>0,19</b>	1,10	1226	1500	475	19180		
		<b>0,22</b>	1,3	1097	1500	450	19180		
		<b>0,24</b>	1,4	980	1500	450	19180		
		<b>0,25</b>	1,5	960	1500	450	19180		
		<b>0,27</b>	1,6	912	1500	450	19180	<b>İRK 83 İR 52</b>	571 69
		<b>0,29</b>	1,7	801	1500	450	19180		572 76
		<b>0,34</b>	2,0	712	1500	450	19180		
		<b>0,37</b>	2,2	629	1500	450	19180		





**n<sub>1</sub> = 1400** d/d  
r.p.m

Servis Faktörü Service Factor Betriebsfaktor	S <sub>f</sub> = 1 S <sub>f</sub> = 1 S <sub>f</sub> = 1	P <sub>1</sub>	n <sub>2</sub>	I	M <sub>2</sub>	F <sub>Q1</sub>	F <sub>Q1o</sub>	Tip Type Typ	kg
		GÜC Power	Çıkış Devri Output Speeds Abtriebswelle Drehzahlen	Tahvil Ratio	Çıkış Momenti Output Torque Abtriebswelle Drehmomente	Rad. Yük Over Loads Querkräfte	Rad. Yük Over Loads Querkräfte		
		[kW]	[r.p.m]	[Nm]	[N]	[N]	[N]		
<b>1500 Nm</b>	0,42	2,5	562	1500	450	19180			
	0,51	3,0	454	1500	450	19180			
	0,56	3,3	416	1500	450	19180			
	0,64	3,8	370	1500	450	19180			
	0,73	4,3	329	1500	450	19180			
	0,81	4,8	294	1500	450	19180			
	0,90	5,3	264	1500	450	19180			
	1,0	6,1	228	1500	450	19180			
	1,3	8,4	165,920	1500	2150	19180			
	1,5	9,7	143,440	1500	2150	19180			
	1,7	11	126,500	1500	2150	19180			
	1,9	12,5	112,500	1500	2150	19180			
	2,1	13	106,331	1500	2150	19180			
	2,3	15	93,769	1500	2150	19180			
	2,6	17	83,391	1500	2150	19180			
	2,9	19	74,674	1500	2150	19180			
	3,4	23	60,605	1500	2150	19180			
	3,9	26	53,541	1500	2150	19180			
	4,6	30	47,321	1500	2150	19180			
	5,1	33	42,279	1500	2150	19180			
	5,7	37	37,931	1500	2150	19180			
	6,3	41	34,145	1500	2150	19180			
	7,0	45	31,342	1500	2150	19180			
	7,7	50	27,857	1500	2150	19180			
	8,5	56	24,882	1500	2150	19180			
	9,8	63	22,329	1500	2150	19180			
	11,3	73	19,332	1500	2150	19180			
	12,4	81	17,273	1500	2150	19180			
	14	90	15,497	1500	2150	19180			
	15	100	13,950	1500	2150	19180			
	17	111	12,591	1500	2150	19180			
	19	123	11,387	1500	2150	19180			
	21	136	10,313	1500	2150	19180			
	23	150	9,349	1500	2150	19180			
	26	168	8,350	1500	2150	19180			
	28	186	7,527	1500	2150	19180			
	31	205	6,824	1500	2150	19180			
<b>2700 Nm</b>	0,03	0,09	14401	2700	590	24500			
	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			





**n<sub>1</sub> = 1400** d/d  
r.p.m

Servis Faktörü Service Factor	S <sub>f</sub> = 1 S <sub>f</sub> = 1 Betriebsfaktor S <sub>f</sub> = 1	P <sub>1</sub> GÜÇ Power	n <sub>2</sub> Çıkış Devri Output Speeds Abtriebswelle Drehzahlen	I Tahvil Ratio	M <sub>2</sub> Çıkış Momenti Output Torque Abtriebswelle Drehmomente	F <sub>Q1</sub> Rad. Yük Over Loads Querkräfte	F <sub>Q10</sub> Rad. Yük Over Loads Querkräfte	Tip Type Typ	
		[kW]	[r.p.m]	[Nm]	[N]	[N]			
							kg		
<b>2700 Nm</b>		0,24	0,78	1797	2700	590	24500	<b>İRK 93 İR 63</b>	573 114
		0,27	0,86	1620	2700	590	24500		
		0,29	0,95	1466	2700	590	24500	<b>İRK 93 İR 62</b>	574 127
		0,34	1,1	1210	2700	590	24500		
		0,40	1,3	1116	2700	550	24500		
		0,43	1,4	995	2700	550	24500		
		0,49	1,6	893	2700	550	24500		
		0,67	2,2	643	2700	550	24500		
		0,73	2,4	580	2700	550	24500		
		0,82	2,7	525	2700	550	24500		
		0,88	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	5,5	252	2700	550	24500		
		1,9	6,1	227	2700	550	24500		
		2,1	6,8	205	2700	550	24500		
		2,3	7,4	186	2700	550	24500		
		2,14	7,8	179,487	2700	2600	24500	<b>İRK 93</b>	559 126
		2,41	8,8	158,461	2700	2600	24500		
		2,55	9,3	149,450	2700	2600	24500		
		2,88	11	133,779	2700	2600	24500		
		3,15	12	120,615	2700	2600	24500		
		3,56	13	109,401	2700	2600	24500		
		3,84	14	99,734	2700	2600	24500		
		4,66	17	82,792	2700	2600	24500		
		5,20	19	73,814	2700	2600	24500		
		5,75	21	66,272	2700	2600	24500		
		6,30	23	59,848	2700	2600	24500		
		7,12	26	53,181	2700	2600	24500		
		7,94	29	47,727	2700	2600	24500		
		9,04	33	43,025	2700	2600	24500		
		9,86	36	38,929	2700	2600	24500		
		11,0	40	35,330	2700	2600	24500		
		11,5	42	33,185	2700	2600	24500		
		12,9	47	29,781	2700	2600	24500		
		11,2	52	26,847	2700	2600	24500		
		15,9	58	24,292	2700	2600	24500		
		17,5	64	22,046	2700	2600	24500		
		18,4	67	20,800	2700	2600	24500		
		20,6	75	18,666	2700	2600	24500		
		22,5	82	16,827	2700	2600	24500		
		25,2	92	15,225	2700	2600	24500		
		27,7	101	13,818	2700	2600	24500		
		30,4	111	12,571	2700	2600	24500		
		33,4	122	11,459	2700	2600	24500		
		36,7	134	10,461	2700	2600	24500		
		40,0	146	9,560	2700	2600	24500		
		41,7	152	8,189	2700	2600	24500		
		45,8	167	8,376	2700	2600	24500		
		50,2	183	7,647	2700	2600	24500		
		54,8	200	6,989	2700	2600	24500		
		66,9	226	6,202	2700	2600	24500		





**n<sub>1</sub> = 1400** d/d  
r.p.m

Servis Faktörü Service Factor	S <sub>f</sub> = 1 S <sub>f</sub> = 1 Betriebsfaktor S <sub>f</sub> = 1	P <sub>1</sub> GÜÇ Power	n <sub>2</sub> Çıkış Devri Output Speeds Abtriebswelle Drehzahlen	I Tahvil Ratio	M <sub>2</sub> Çıkış Momenti Output Torque Abtriebswelle Drehmomente	F <sub>Q1</sub> Rad. Yük Over Loads Querkräfte	F <sub>Q1o</sub> Rad. Yük Over Loads Querkräfte	Tip Type Typ		kg
		[kW]	[r.p.m]	[Nm]	[N]	[N]				
<b>4300 Nm</b>	0,03	0,07	18013	4300	590	37000				
	0,04	0,08	15999	4300	590	37000				
	0,04	0,09	14335	4300	590	37000				
	0,05	0,11	12937	4300	590	37000				
	0,06	0,12	11746	4300	590	37000				
	0,07	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				
	0,36	0,72	1993	4300	590	37000				
	0,44	0,89	1572	4300	590	37000				
	0,48	0,98	1427	4300	590	37000				
	0,54	1,1	1304	4300	590	37000				
	0,59	1,2	1174	4300	590	37000				
	0,64	1,3	1061	4300	590	37000				
	0,79	1,6	877	4300	590	37000				
	0,89	1,8	757	4300	590	37000				
	1,13	2,3	616	4300	590	37000				
	1,23	2,5	559	4300	590	37000				
	1,33	2,7	509	4300	590	37000				
	1,58	3,2	432	4300	590	37000				
	1,8	3,6	392	4300	590	37000				
	1,9	3,9	357	4300	590	37000				
<b>2,19</b>	<b>2,19</b>	4,5	314	4300	550	37000				
	<b>2,38</b>	4,9	285	4300	550	37000				
	<b>2,62</b>	5,4	261	4300	550	37000				
	<b>2,91</b>	6,0	235	4300	550	37000				
	<b>3,20</b>	6,6	212	4300	550	37000				
	<b>3,88</b>	8,0	175	4300	550	37000				
<b>3,73</b>	3,73	8,1	171,785	4300	3150	37000				
	<b>4,00</b>	8,7	160,273	4300	3150	37000				
	<b>4,56</b>	9,9	140,786	4300	3150	37000				
	<b>5,06</b>	11	125,041	4300	3150	37000				
	<b>5,75</b>	13	112,034	4300	3150	37000				
	<b>6,44</b>	14	101,108	4300	3150	37000				
	<b>6,90</b>	15	91,800	4300	3150	37000				
	<b>8,28</b>	18	76,789	4300	3150	37000				
	<b>10,1</b>	22	64,809	4300	3150	37000				
	<b>11,5</b>	25	57,114	4300	3150	37000				
	<b>14,3</b>	31	45,717	4300	3150	37000				
	<b>15,7</b>	34	40,868	4300	3150	37000				
	<b>17,5</b>	38	36,947	4300	3150	37000				
	<b>19,3</b>	42	33,531	4300	3150	37000				
	<b>21,2</b>	46	30,650	4300	3150	37000				
	<b>23,5</b>	51	27,581	4300	3150	37000				
	<b>25,8</b>	56	24,934	4300	3150	37000				
	<b>28,5</b>	62	22,629	4300	3150	37000				
<b>İRK 103 İR 63</b> 575 181 <b>İRKF 103 İR 62</b> 576 200										
<b>İRK 103</b> 561 131 <b>İRKF 103</b> 562 136										





**n<sub>1</sub> = 1400** d/d  
r.p.m

Servis Faktörü	S <sub>f</sub> = 1	P <sub>1</sub> GÜÇ Power	n <sub>2</sub> Çıkış Devri Output Speeds Abtriebswelle Drehzahlen	I Tahvil Ratio	M <sub>2</sub> Çıkış Momenti Output Torque Abtriebswelle Drehmomente	F <sub>Q1</sub> Rad. Yük Over Loads Querkräfte	F <sub>Q1o</sub> Rad. Yük Over Loads Querkräfte	Tip Type Typ	
Service Factor	S <sub>f</sub> = 1	[kW]	[r.p.m]		[Nm]	[N]	[N]		kg
<b>4300 Nm</b>		<b>31,3</b>	68	20,604	4300	3150	37000		
		<b>34,1</b>	74	18,809	4300	3150	37000		
		<b>36,4</b>	79	17,797	4300	3150	37000		
		<b>40,0</b>	87	16,014	4300	3150	37000		
		<b>44,6</b>	97	14,478	4300	3150	37000		
		<b>48,8</b>	106	13,139	4300	3150	37000		
		<b>53,9</b>	117	11,963	4300	3150	37000	<b>İRK</b>	561 131
		<b>59,0</b>	128	10,921	4300	3150	37000	<b>İRKF 103</b>	562 136
		<b>64,5</b>	140	9,992	4300	3150	37000		
		<b>70,5</b>	153	9,158	4300	3150	37000		
		<b>83,4</b>	181	7,724	4300	3150	37000		
		<b>90,7</b>	197	7,102	4300	3150	37000		
		<b>98,6</b>	214	6,533	4300	3150	37000		
<b>8000 Nm</b>		<b>0,08</b>	0,09	15860	8000	1200	60800		
		<b>0,09</b>	0,10	14323	8000	1200	60800		
		<b>0,10</b>	0,11	13014	8000	1200	60800		
		<b>0,11</b>	0,12	11886	8000	1200	60800		
		<b>0,12</b>	0,13	10903	8000	1200	60800		
		<b>0,13</b>	0,15	9721	8000	1200	60800		
		<b>0,14</b>	0,17	8585	8000	1200	60800		
		<b>0,17</b>	0,18	7630	8000	1200	60800		
		<b>0,20</b>	0,21	6596	8000	1200	60800		
		<b>0,22</b>	0,24	5893	8000	1200	60800		
		<b>0,25</b>	0,26	5288	8000	1200	60800		
		<b>0,28</b>	0,31	4526	8000	1200	60800		
		<b>0,32</b>	0,35	4023	8000	1200	60800	<b>İRK</b>	577 284
		<b>0,36</b>	0,39	3594	8000	1200	60800	<b>İRKF 123</b>	578 318
		<b>0,39</b>	0,43	3225	8000	1200	60800		
		<b>0,44</b>	0,48	2903	8000	1200	60800		
		<b>0,46</b>	0,50	2781	8000	1200	60800		
		<b>0,51</b>	0,56	2472	8000	1200	60800		
		<b>0,58</b>	0,63	2208	8000	1200	60800		
		<b>0,64</b>	0,70	1982	8000	1200	60800		
		<b>0,72</b>	0,78	1784	8000	1200	60800		
		<b>0,80</b>	0,87	1610	8000	1200	60800		
		<b>0,88</b>	0,96	1456	8000	1200	60800		
		<b>0,92</b>	1,00	1319	8000	1200	60800		
		<b>1,1</b>	1,20	1195	8000	1200	60800		
		<b>1,2</b>	1,30	1084	8000	1200	60800		
		<b>0,65</b>	0,71	1983	8000	1200	60800		
		<b>0,74</b>	0,80	1743	8000	1200	60800		
		<b>0,84</b>	0,90	1549	8000	1200	60800		
		<b>0,90</b>	1,0	1389	8000	1200	60800		
		<b>0,99</b>	1,1	1255	8000	1200	60800		
		<b>1,2</b>	1,2	1140	8000	1200	60800	<b>İRK</b>	577 282
		<b>1,3</b>	1,3	1041	8000	1200	60800	<b>İRKF 123</b>	578 316
		<b>1,5</b>	1,6	852	8000	1200	60800		
		<b>1,7</b>	1,9	752	8000	1200	60800		
		<b>1,9</b>	2,1	668	8000	1200	60800		
		<b>2,2</b>	2,3	597	8000	1200	60800		
		<b>2,4</b>	2,6	536	8000	1200	60800		
		<b>2,7</b>	3,0	458	8000	1200	60800		
		<b>3,1</b>	3,4	408	8000	1200	60800		





**n<sub>1</sub> = 1400** d/d  
r.p.m

Servis Faktörü Service Factor Betriebsfaktor	S <sub>f</sub> = 1 S <sub>f</sub> = 1 S <sub>f</sub> = 1	P <sub>1</sub>	n <sub>2</sub>	I	M <sub>2</sub>	F <sub>Q1</sub>	F <sub>Q1o</sub>	Tip Type Typ	d/d r.p.m
		GÜC Power	Çıkış Devri Output Speeds Abtriebswelle Drehzahlen	Tahvil Ratio	Çıkış Momenti Output Torque Abtriebswelle Drehmomente	Rad. Yük Over Loads Querkräfte	Rad. Yük Over Loads Querkräfte		
		[kW]	[r.p.m]		[Nm]	[N]	[N]		
<b>8000 Nm</b>	3,4	3,8	364	8000	1200	60800		<b>İRK İRKF 123</b>	577 282
	3,9	4,3	327	8000	1200	60800			
	4,2	4,7	294	8000	1200	60800			
	4,5	5,0	282	8000	1200	60800			
	5,0	5,5	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			
	8,6	9,5	148	8000	1200	60800			
	9,5	10,5	134	8000	1200	60800			
	10,4	11,5	121	8000	1200	60800			
	8,6	9,6	146,568	8000	3750	60000			
	9,6	11	128,859	8000	3750	60000			
	11,4	12	114,523	8000	3750	60000			
	12,3	14	102,681	8000	3750	55000			
	14,0	15	92,733	8000	3750	55000			
	14,9	17	84,259	8000	3750	55000			
	16,7	18	76,954	8000	3750	55000			
	17,5	20	70,591	8000	3750	50000			
	20,2	22	62,936	8000	3750	50000			
	22,8	25	55,579	8000	3750	50000			
	25,4	28	49,400	8000	3750	50000			
	28,0	32	44,135	8000	3750	50000			
	31,6	35	39,597	8000	3750	45000		<b>İRK İRKF 123</b>	563 293
	35,9	41	33,897	8000	3750	45000			
	40,3	46	30,128	8000	3750	40000			
	45,6	52	26,917	8000	3750	40000			
	50,8	58	24,150	8000	3750	40000			
	56,1	64	21,739	8000	3750	40000			
	58,7	67	20,829	8000	3750	40000			
	65,7	75	18,513	8000	3750	40000			
	73,6	84	16,540	8000	3750	35000			
	82,4	94	14,840	8000	3750	35000			
	92,0	105	13,358	8000	3750	35000			
	101,7	116	12,056	8000	3750	35000			
	112,2	128	10,904	8000	3750	25000			
	124,5	142	9,875	8000	3750	25000			
	136,7	156	8,952	8000	3750	25000			
	150,8	172	8,120	8000	3750	25000			
<b>13000 Nm</b>	0,10	0,07	21208	13000	1200	75000		<b>İRK İRKF 143</b>	579 514
	0,12	0,08	18335	13000	1200	75000			
	0,13	0,09	14883	13000	1200	75000			
	0,16	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			
	0,30	0,20	6779	13000	1200	75000			
	0,34	0,23	6090	13000	1200	75000			
	0,37	0,25	5495	13000	1200	75000			
	0,42	0,28	5059	13000	1200	75000			
	0,46	0,31	4489	13000	1200	75000			





**n<sub>1</sub> = 1400** d/d  
r.p.m

Servis Faktörü	S <sub>f</sub> = 1	P <sub>1</sub> GÜÇ Power	n <sub>2</sub> Çıkış Devri Output Speeds Abtriebswelle Drehzahlen	İ Tahvil Ratio	M <sub>2</sub> Çıkış Momenti Output Torque Abtriebswelle Drehmomente	F <sub>Q1</sub> Rad. Yük Over Loads Querkräfte	F <sub>Q1o</sub> Rad. Yük Over Loads Querkräfte	Tip Type Typ		
Service Factor	S <sub>f</sub> = 1	[kW]	[r.p.m]	[Nm]	[N]	[N]				kg
<b>13000 Nm</b>		<b>0,52</b>	0,35	4010	13000	1200	75000			
		<b>0,58</b>	0,39	3602	13000	1200	75000			
		<b>0,64</b>	0,43	3251	13000	1200	75000			
		<b>0,76</b>	0,51	2728	13000	1200	75000	<b>İRK</b>	<b>İRKF 143</b>	579 514
		<b>0,92</b>	0,62	2245	13000	1200	75000	<b>İRKF</b>	<b>İR 73</b>	580 562
		<b>1,12</b>	0,75	1866	13000	1200	75000			
		<b>1,19</b>	0,80	1757	13000	1200	75000			
		<b>1,45</b>	0,97	1446	13000	1200	75000			
		<b>1,61</b>	1,1	1259	13000	1200	75000			
		<b>1,76</b>	1,2	1108	13000	1200	75000			
		<b>2,06</b>	1,4	983	13000	1200	75000	<b>İRK</b>	<b>İRKF 143</b>	579 512
		<b>2,35</b>	1,6	866	13000	1200	75000	<b>İRKF</b>	<b>İR 72</b>	580 560
		<b>2,64</b>	1,8	769	13000	1200	75000			
		<b>2,94</b>	2,0	686	13000	1200	75000			
		<b>3,38</b>	2,3	598	13000	1200	75000			
		<b>3,82</b>	2,6	530	13000	1200	75000			
		<b>4,40</b>	3,0	474	13000	1200	75000			
		<b>5,29</b>	3,6	384	13000	1200	71000			
		<b>5,87</b>	4,0	353	13000	1200	71000			
		<b>6,61</b>	4,5	314	13000	1200	71000			
		<b>7,19</b>	4,9	283	13000	1200	71000	<b>İRK</b>	<b>İRKF 143</b>	579 512
		<b>8,22</b>	5,6	250	13000	1200	71000	<b>İRKF</b>	<b>İR 72</b>	580 560
		<b>9,10</b>	6,2	225	13000	1200	71000			
		<b>10,10</b>	6,9	203	13000	1200	71000			
		<b>12,00</b>	8,2	170	13000	1200	71000			
		<b>13,50</b>	9,2	151	13000	1200	71000			
		<b>14,70</b>	10,0	135	13000	1200	71000			
		<b>3,67</b>	2,5	564	13000	1550	75000			
		<b>4,11</b>	2,8	501	13000	1550	75000			
		<b>4,55</b>	3,1	447	13000	1550	75000			
		<b>5,14</b>	3,5	402	13000	1550	75000			
		<b>5,73</b>	3,9	363	13000	1550	71000			
		<b>6,46</b>	4,4	320	13000	1550	71000	<b>İRK</b>	<b>İRKF 143</b>	581 549
		<b>7,93</b>	5,4	261	13000	1550	71000	<b>İRKF</b>	<b>İR 82</b>	582 597
		<b>9,40</b>	6,4	219	13000	1550	71000			
		<b>11,3</b>	7,7	181	13000	1550	71000			
		<b>12,5</b>	8,5	164	13000	1550	71000			
		<b>14,7</b>	10,0	137	13000	1550	71000			
		<b>12,8</b>	9,0	154,311	13000	3750	65000			
		<b>14,2</b>	10	137,307	13000	3750	65000			
		<b>15,7</b>	11	123,260	13000	3750	65000			
		<b>18,5</b>	13	111,461	13000	3750	65000			
		<b>21,4</b>	15	93,097	13000	3750	65000			
		<b>24,2</b>	17	81,923	13000	3750	65000			
		<b>27,1</b>	19	72,692	13000	3750	61500	<b>İRK</b>	<b>İRKF 143</b>	565 530
		<b>31,3</b>	22	64,048	13000	3750	61500	<b>İRKF</b>		566 578
		<b>35,6</b>	25	56,832	13000	3750	61500			
		<b>39,9</b>	28	50,770	13000	3750	55000			
		<b>44,2</b>	31	45,606	13000	3750	55000			
		<b>48,4</b>	34	41,154	13000	3750	55000			
		<b>52,7</b>	37	37,889	13000	3750	55000			
		<b>59,8</b>	42	33,620	13000	3750	50000			





**n<sub>1</sub> = 1400** d/d  
r.p.m

Servis Faktörü Service Factor Betriebsfaktor <i>S<sub>f</sub></i> =1	P <sub>1</sub> GÜÇ Leistung [kW]	n <sub>2</sub> Çıkış Devri Output Speeds Abtriebswelle Drehzahlen	İ Tahvil Ratio	M <sub>2</sub> Çıkış Momenti Output Torque Abtriebswelle Drehmomente	F <sub>Q1</sub> Rad. Yük Over Loads [N]	F <sub>Q1o</sub> Rad. Yük Over Loads Querkräfte [N]	Tip Type Typ		
								d/d	r.p.m
								kg	
<b>13000 Nm</b>	12,8	9,0	154,311	13000	3750	65000	<b>İRK 143</b>	565	530
	14,2	10	137,307	13000	3750	65000		566	578
	15,7	11	123,260	13000	3750	65000			
	18,5	13	111,461	13000	3750	65000			
	21,4	15	93,097	13000	3750	65000			
	24,2	17	81,923	13000	3750	65000			
	27,1	19	72,692	13000	3750	61500			
	31,3	22	64,048	13000	3750	61500			
	35,6	25	56,832	13000	3750	61500			
	39,9	28	50,770	13000	3750	55000			
	44,2	31	45,606	13000	3750	55000			
	48,4	34	41,154	13000	3750	55000			
	52,7	37	37,889	13000	3750	55000			
	59,8	42	33,620	13000	3750	50000			
	66,9	47	30,034	13000	3750	50000			
	74,1	52	26,979	13000	3750	50000			
	82,6	58	24,345	13000	3750	45000			
	88,3	62	22,639	13000	3750	45000			
	98,3	69	20,429	13000	3750	45000			
	108,3	76	18,504	13000	3750	38500			
	118,2	83	16,813	13000	3750	38500			
	129,6	91	15,315	13000	3750	38500			
	142,4	100	13,979	13000	3750	38500			
	151,0	106	13,157	13000	3750	38500			
	166,7	117	11,917	13000	3750	36000			
	183,7	129	10,828	13000	3750	36000			
	202,3	142	9,863	13000	3750	36000			
	222,2	156	9,002	13000	3750	36000			
	242,1	170	8,230	13000	3750	36000			
	264,9	186	7,533	13000	3750	36000			
	289,2	203	6,901	13000	3750	36000			





**n<sub>1</sub> = 900**

d/d  
r.p.m

Servis Faktörü Service Factor	S <sub>f</sub> = 1 S <sub>f</sub> = 1 S <sub>f</sub> = 1	P <sub>1</sub>	n <sub>2</sub>	I	M <sub>2</sub>	F <sub>Q1</sub>	F <sub>Q1o</sub>	Tip Type Typ	kg
		GÜC Power	Çıkış Devri Output Speeds	Tahvil Ratio	Çıkış Momenti Output Torque	Rad. Yük Over Loads	Rad. Yük Over Loads		
		[kW]	[r.p.m]	[Nm]	[N]	[N]	[N]		
<b>400 Nm</b>	0,29	6,7	133,140	400	590	7000	<b>İRK 63</b>	553 26 554 29	
	0,32	7,4	121,008	400	590	7000			
	0,34	7,8	115,460	400	590	7000			
	0,37	8,5	104,939	400	590	7000			
	0,42	9,6	93,198	400	590	7000			
	0,46	10,6	84,705	400	590	7000			
	0,48	11	80,822	400	590	7000			
	0,53	12	73,457	400	590	7000			
	0,61	14	64,351	400	590	7000			
<b>780 Nm</b>	0,57	6,7	133,989	780	590	12100	<b>İRK 73</b>	555 36 556 42	
	0,62	7,2	125,038	780	590	12100			
	0,66	7,7	117,030	780	590	12100			
<b>1500 Nm</b>	0,83	5,4	165,92	1500	2150	19180	<b>İRK 83</b>	557 60 558 68	
	1,0	6,3	143,44	1500	2150	19180			
	1,1	7,1	126,50	1500	2150	19180			
	1,2	8	112,50	1500	2150	19180			
	1,3	8,4	106,33	1500	2150	19180			
<b>2700 Nm</b>	1,4	5	179,48	2700	2600	24500	<b>İRK 93</b>	559 126 560 130	
	1,6	5,7	158,46	2700	2600	24500			
	1,6	6	149,45	2700	2600	24500			
	1,8	6,7	133,77	2700	2600	24500			
	2,0	7,4	120,61	2700	2600	24500			
<b>4300 Nm</b>	2,4	5,2	171,79	4300	3150	37000	<b>İRK 103</b>	561 131 562 136	
	2,6	5,6	160,27	4300	3150	37000			
	3,0	6,4	140,79	4300	3150	37000			
	3,3	7,2	125,04	4300	3150	37000			
<b>8000 Nm</b>	7,1	8,1	111,469	8000	3750	60800	<b>İRK 123</b>	563 293 564 327	
	7,9	9	99,942	8000	3750	60800			
<b>13000 Nm</b>	8,3	5,8	154,311	13000	3750	75000	<b>İRK 143</b>	565 530 566 578	
	9,3	6,5	137,307	13000	3750	75000			
	10,4	7,3	123,260	13000	3750	75000			
	11,4	8	111,461	13000	3750	75000			



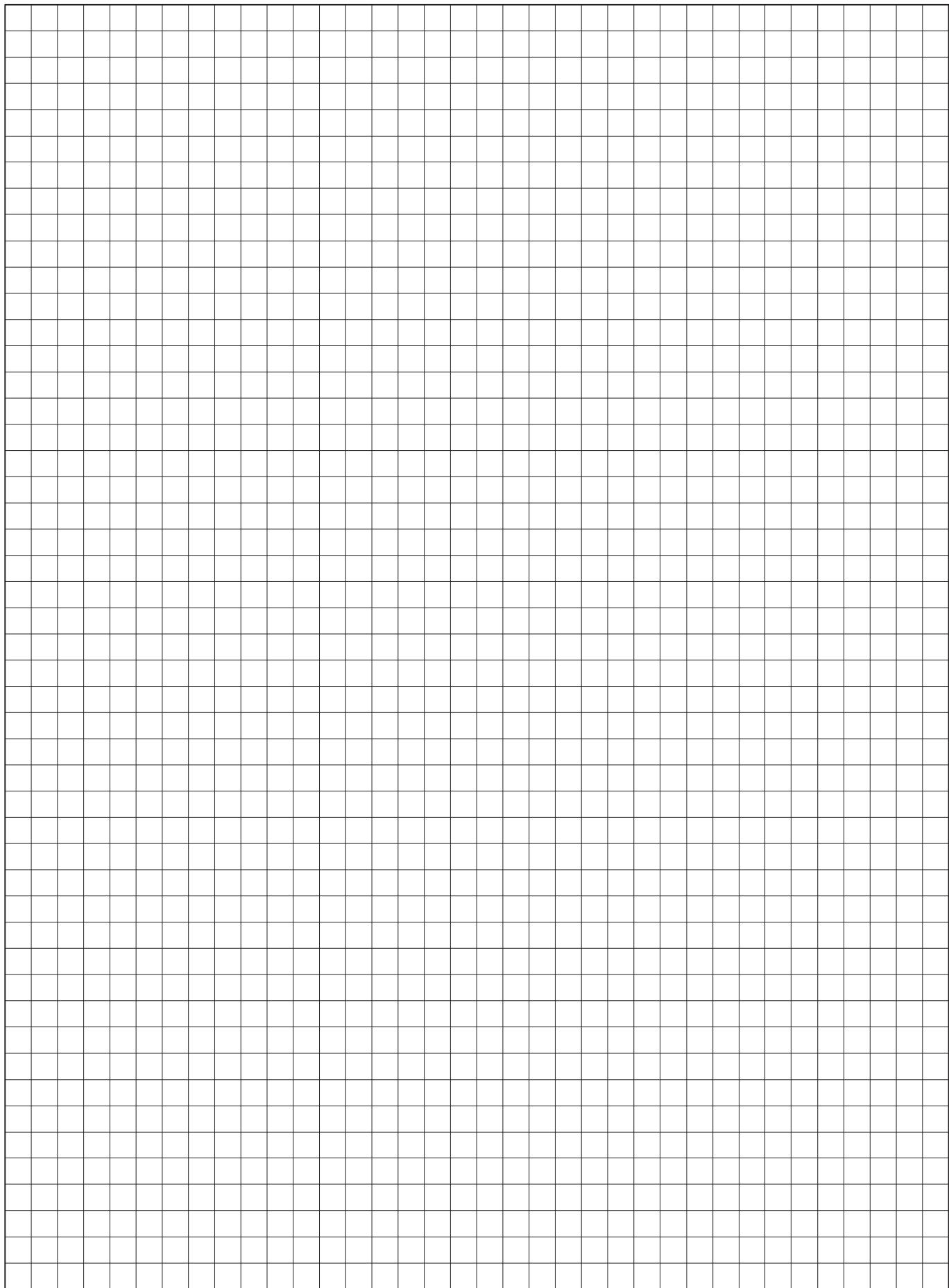


**n<sub>1</sub> = 700**

d/d  
r.p.m

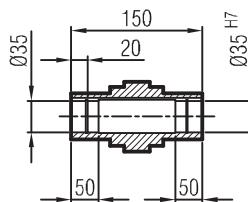
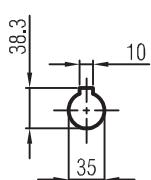
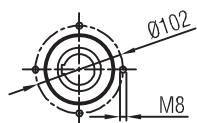
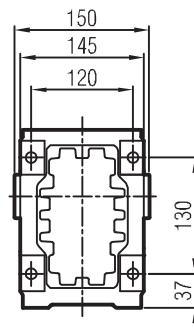
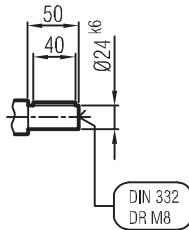
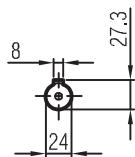
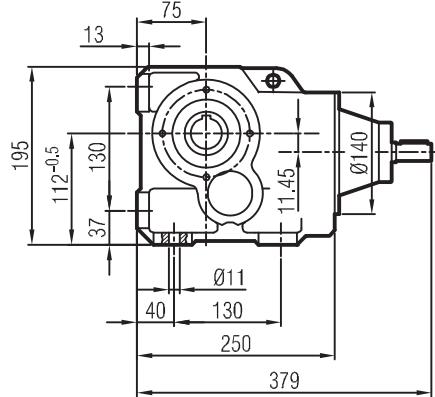
Servis Faktörü Service Factor Betriebsfaktor	S <sub>f</sub> = 1 S <sub>f</sub> = 1 S <sub>f</sub> = 1	P <sub>1</sub> GÜC Leistung	n <sub>2</sub> Çıkış Devri Output Speeds Abtriebswelle Drehzahlen	I Tahvil Übersetzung	M <sub>2</sub> Çıkış Momenti Output Torque Abtriebswelle Drehmomente	F <sub>Q1</sub> Rad. Yük Over Loads Querkräfte	F <sub>Q10</sub> Rad. Yük Over Loads Querkräfte	Tip Type Typ		kg
		[kW]	[r.p.m]	[Nm]	[N]	[N]				
<b>1400 Nm</b>	0,64	4,2	165,92	1400	2150	19180	<b>İRK</b>	<b>83</b>	557	60
	0,75	4,9	143,44	1400	2150	19180	<b>İRKF</b>	558	558	68
<b>2500 Nm</b>	1,2	4,4	158,46	2500	2600	24500	<b>İRK</b>	<b>93</b>	559	126
	1,3	4,7	149,45	2500	2600	24500	<b>İRKF</b>	560	560	130
<b>4200 Nm</b>	2,3	5	140,79	4200	3150	37000	<b>İRK</b>	<b>103</b>	561	131
	2,6	5,6	125,04	4200	3150	37000	<b>İRKF</b>	562	562	136
<b>8000 Nm</b>	4,3	4,9	142,660	8000	3750	60800	<b>İRK</b>	<b>123</b>	563	293
	4,9	5,6	125,423	8000	3750	60800	<b>İRKF</b>		564	327
	5,5	6,3	111,469	8000	3750	60800				
	6,1	7	99,942	8000	3750	60800				
<b>13000 Nm</b>	6,4	4,5	154,311	13000	3750	75000	<b>İRK</b>	<b>143</b>	565	530
	7,3	5,1	137,307	13000	3750	75000	<b>İRKF</b>		566	578
	7,7	5,4	123,260	13000	3750	75000				



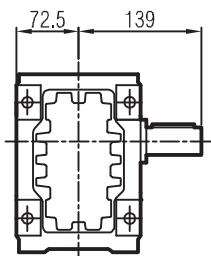




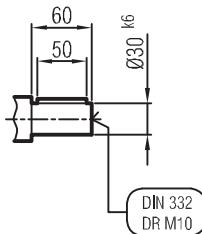
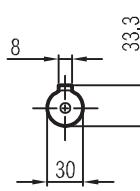
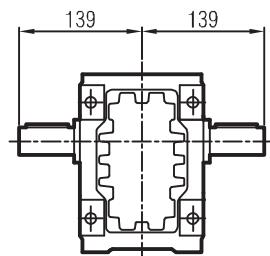
## İRK 63



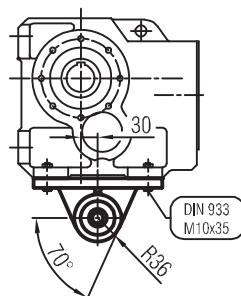
... -01



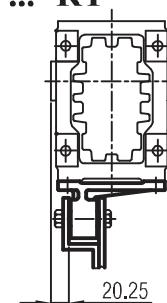
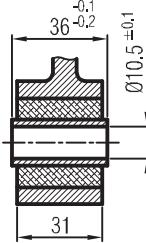
... -02



... -LT

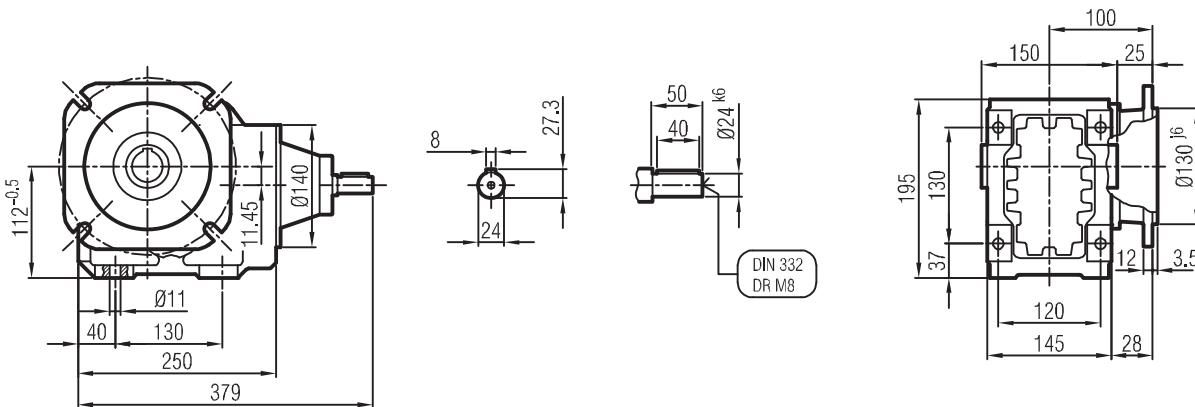


... -RT

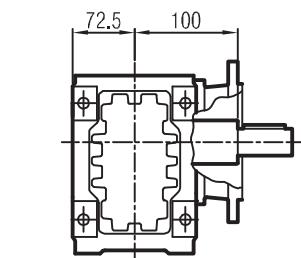




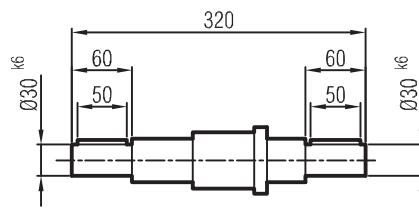
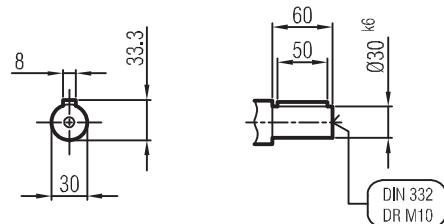
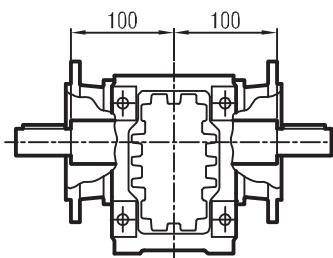
## İRKF 63



... -01

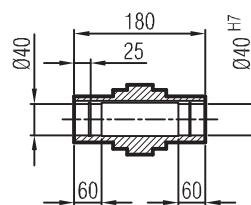
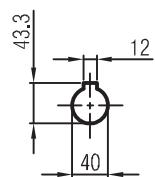
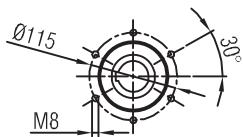
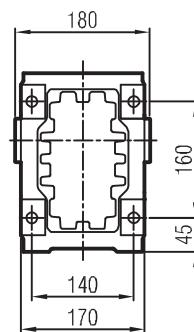
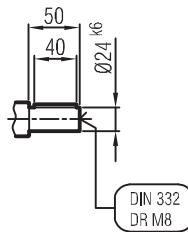
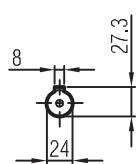
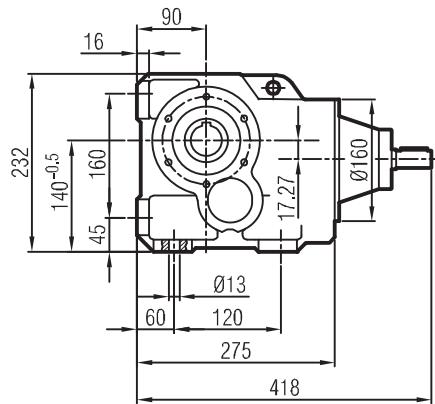


... -02

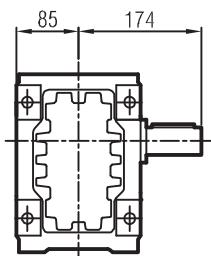




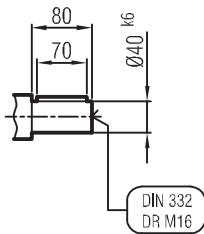
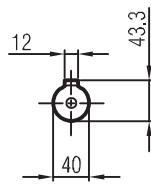
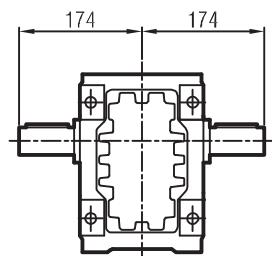
## İRK 73



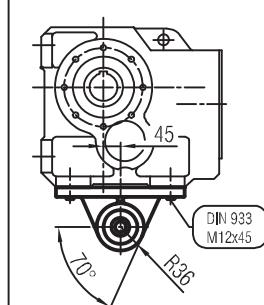
... -01



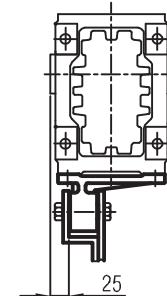
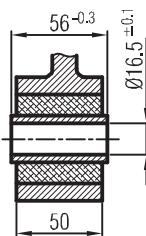
... -02



... -LT

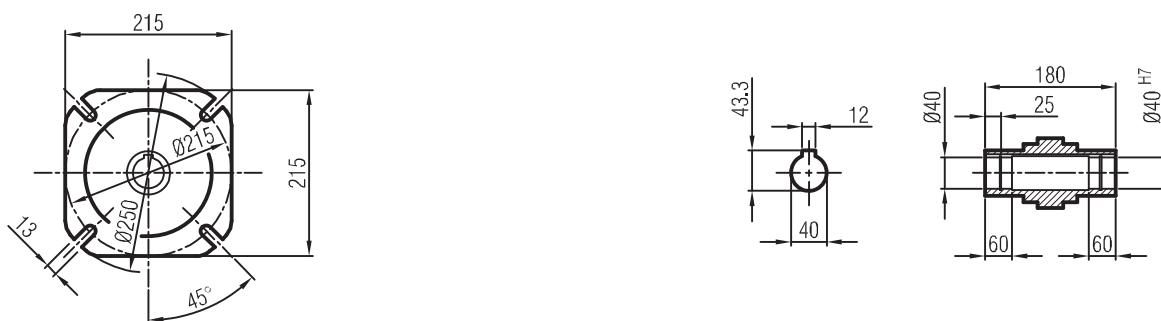
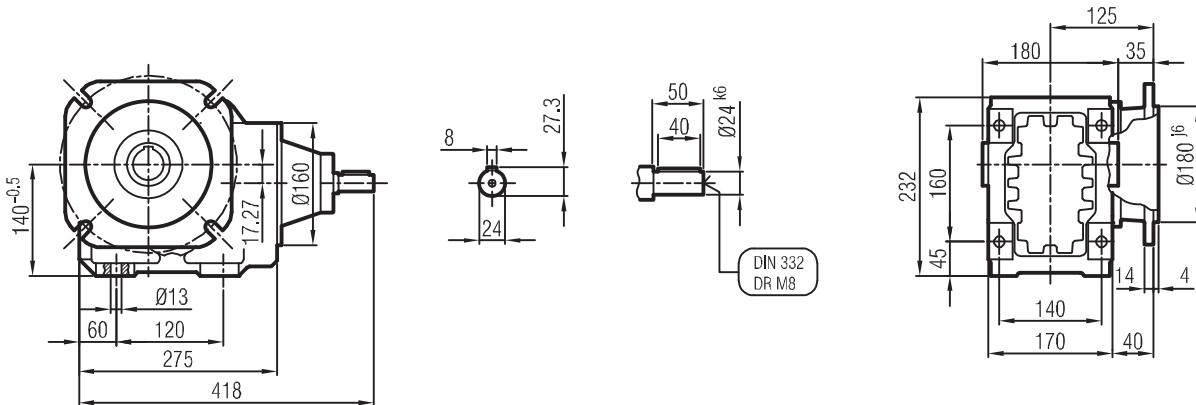


... -RT

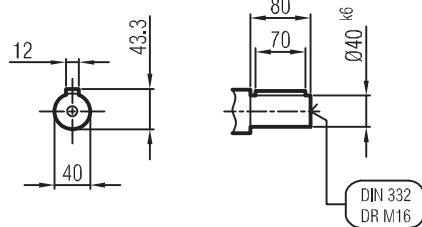
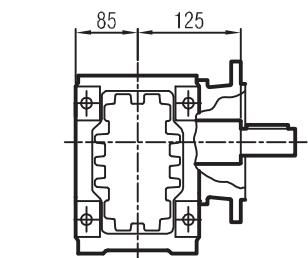




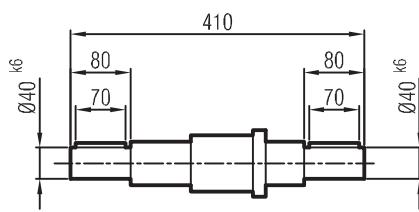
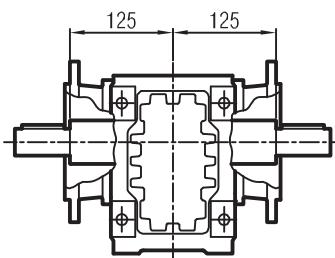
## IRKF 73



... -01

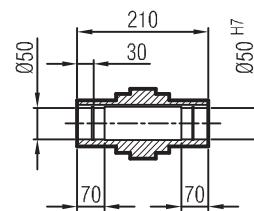
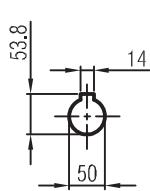
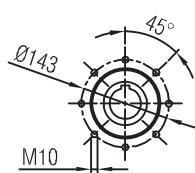
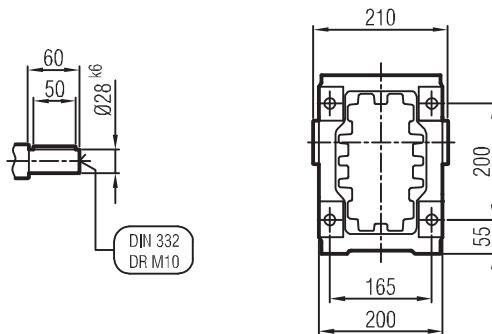
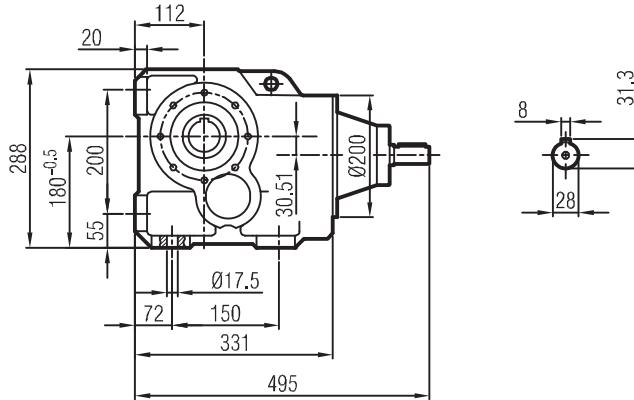


... -02

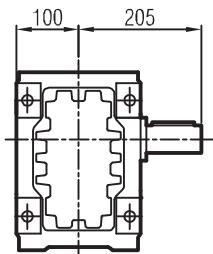




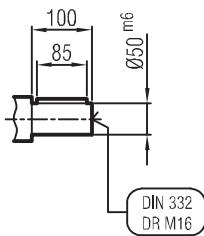
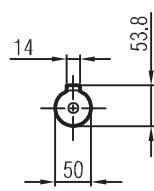
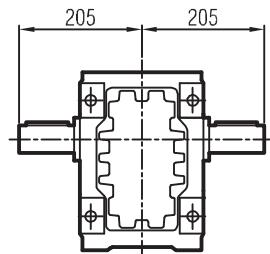
## İRK 83



... -01

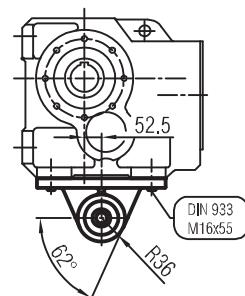


... -02

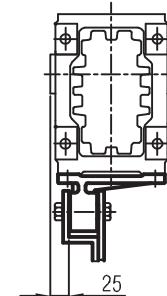
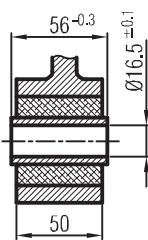


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... -LT

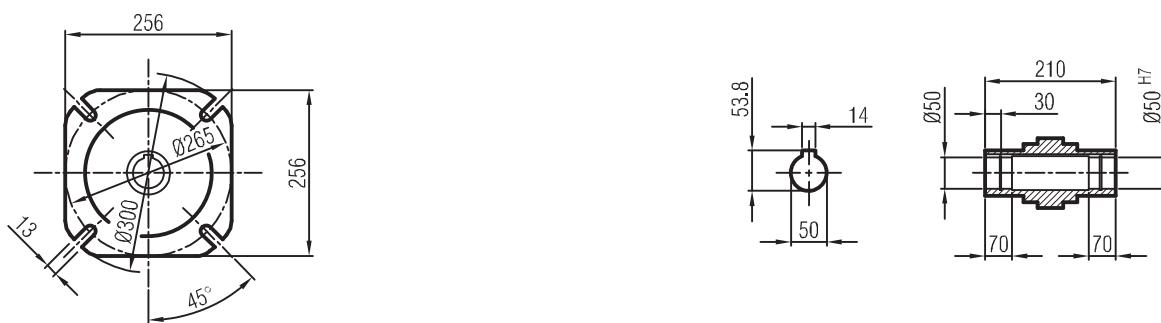
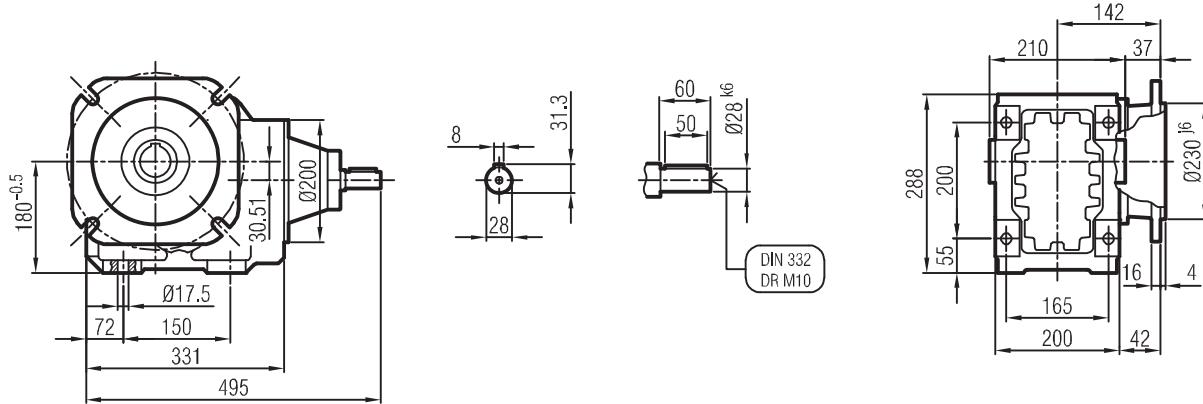


... -RT

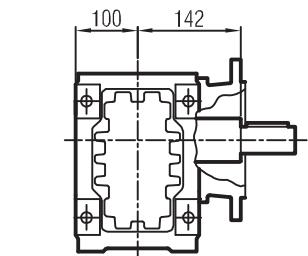




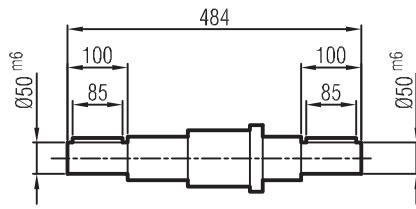
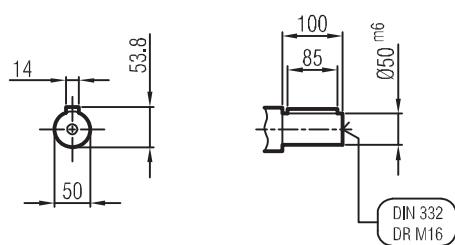
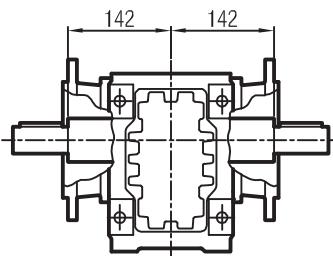
## İRKF 83



... -01

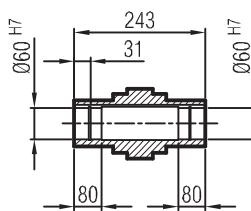
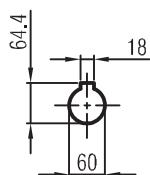
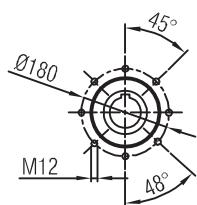
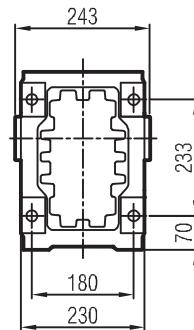
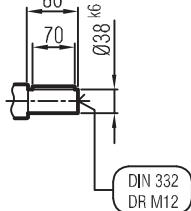
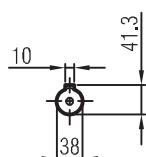
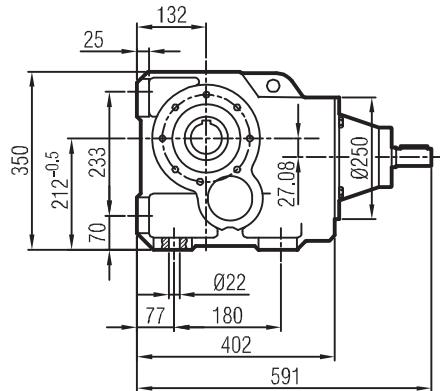


... -02

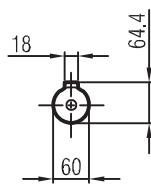
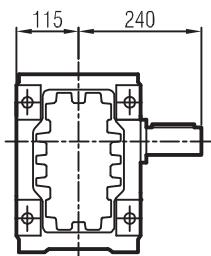




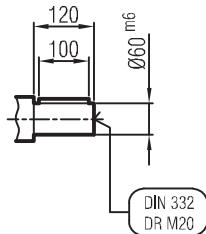
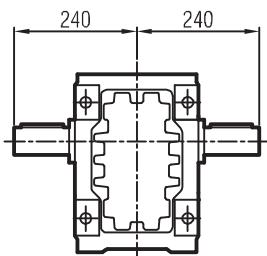
## İRK 93



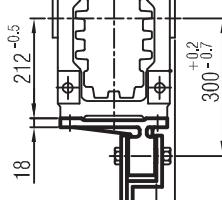
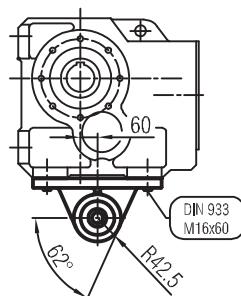
... -01



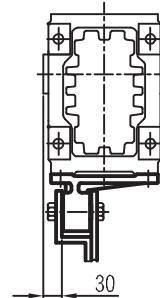
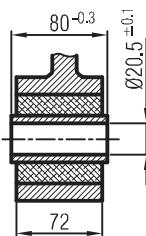
... -02



... -LT

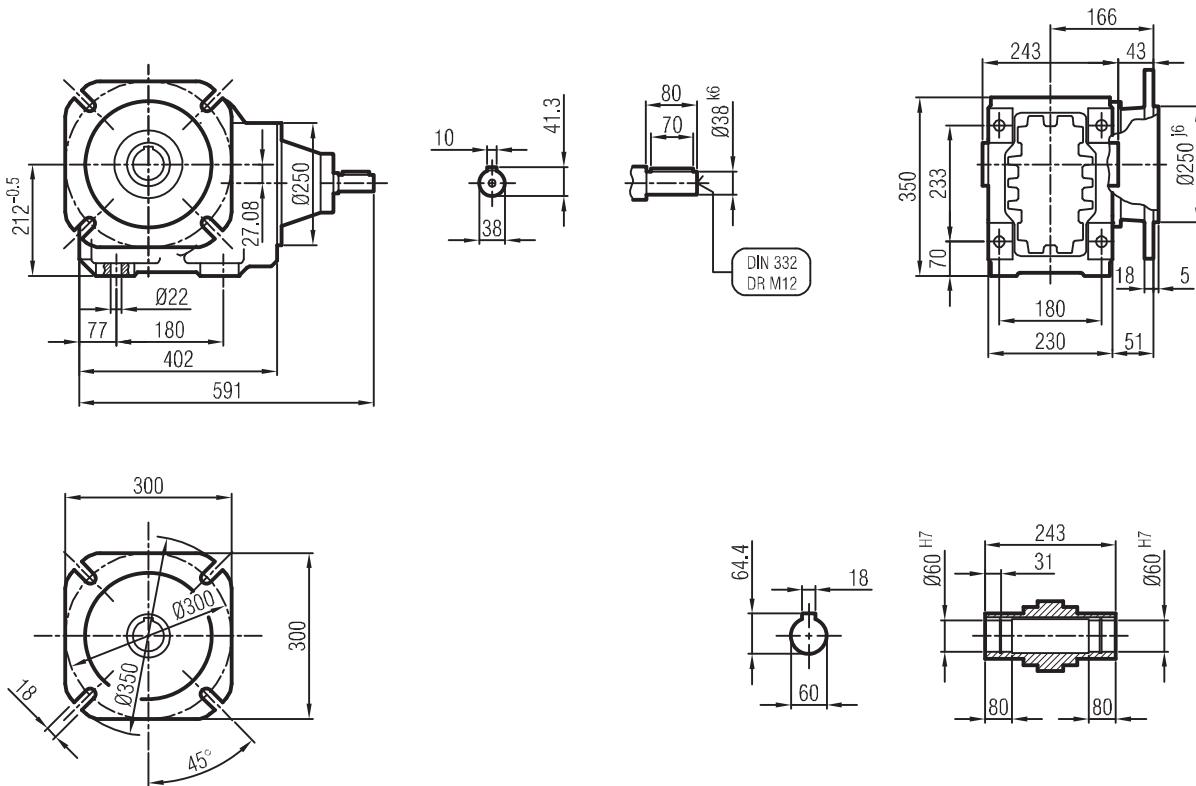


... -RT

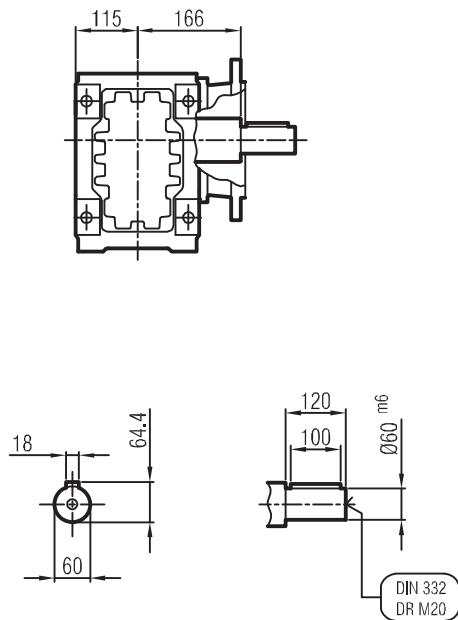




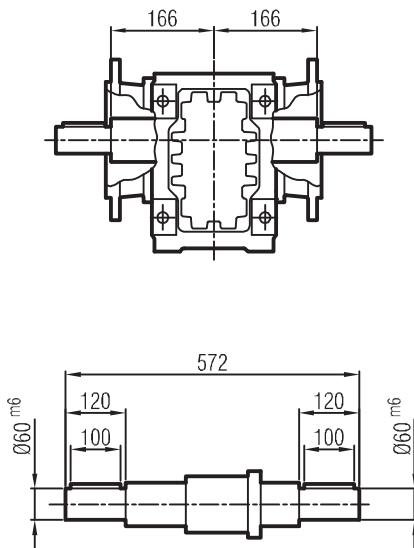
## İRKF 93



... -01

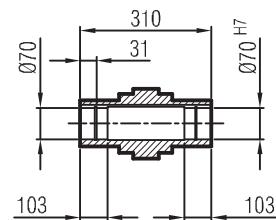
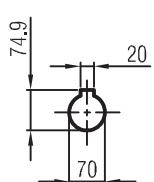
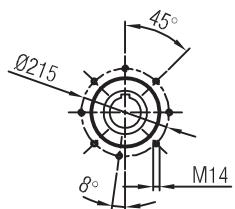
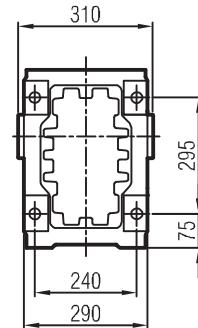
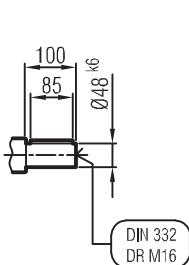
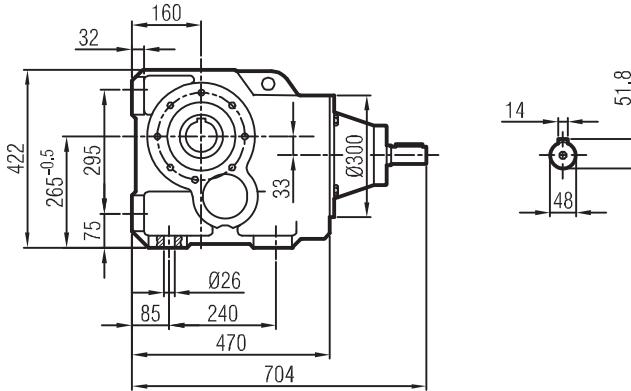


... -02

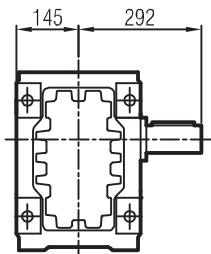




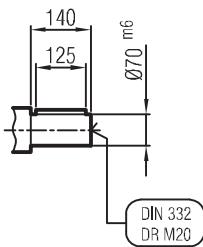
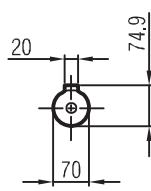
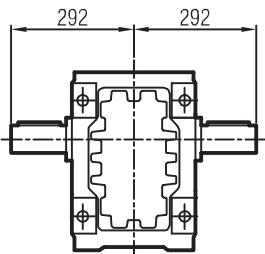
## İRK 103



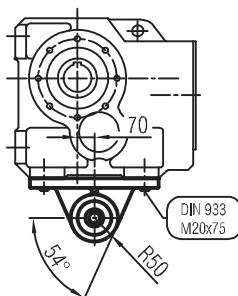
... -01



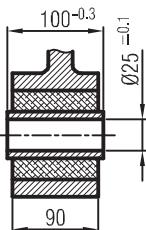
... -02



... -LT

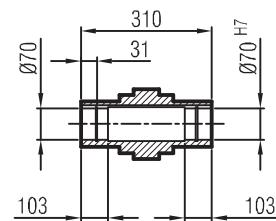
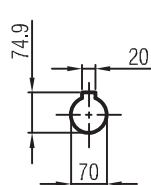
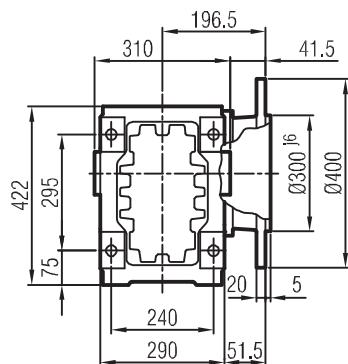
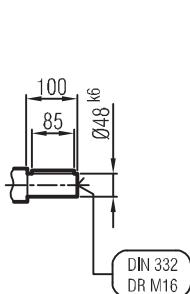
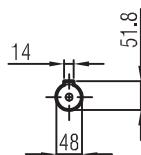
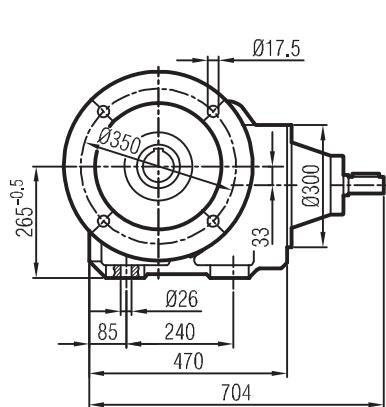


... -RT

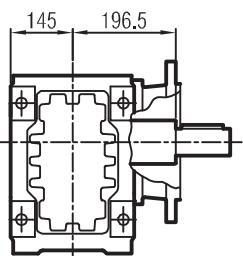




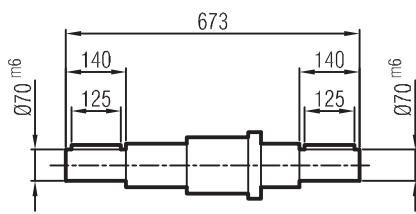
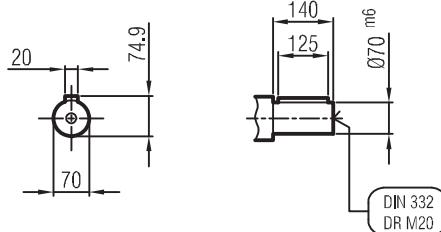
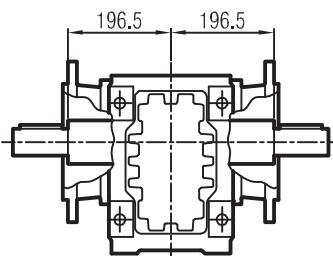
## İRKF 103



... -01

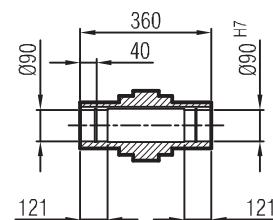
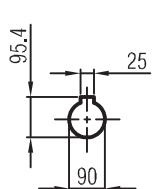
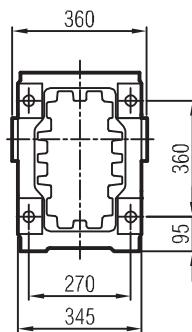
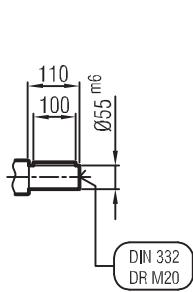
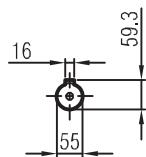
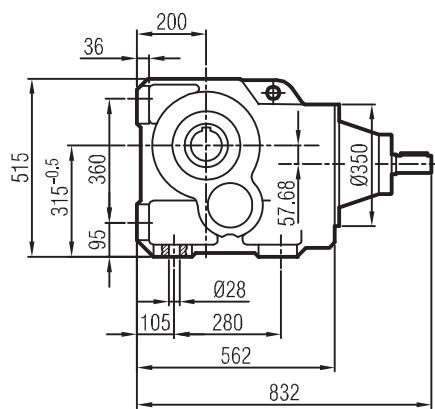


... -02

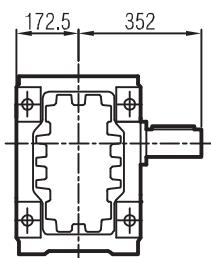




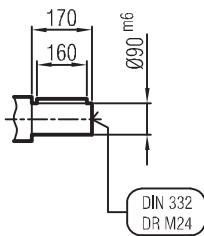
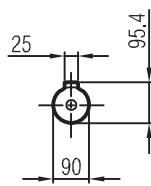
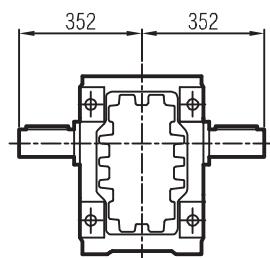
## İRK 123



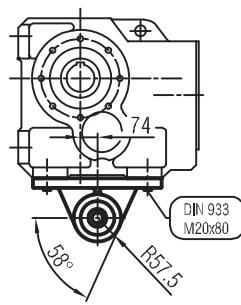
... -01



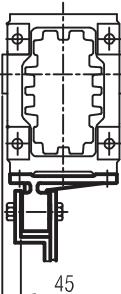
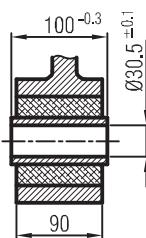
... -02



... -LT

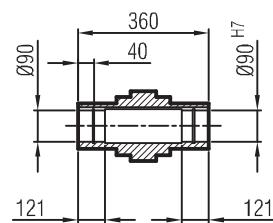
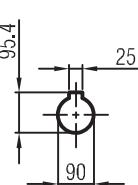
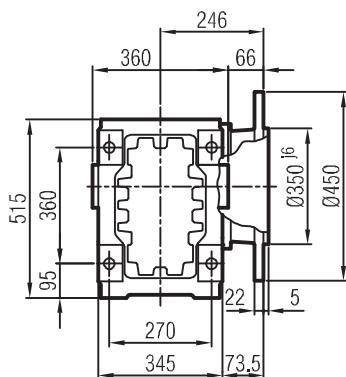
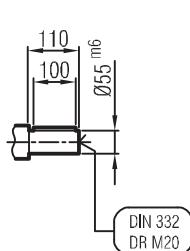
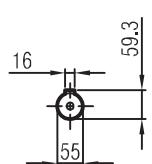
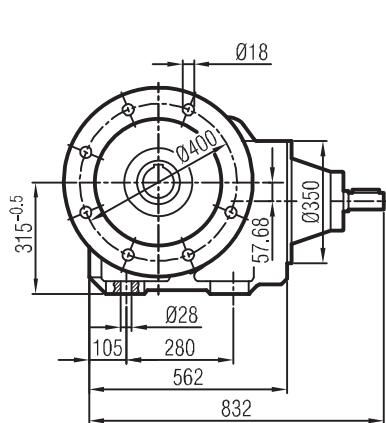


... -RT

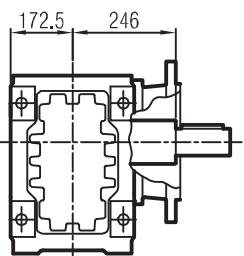




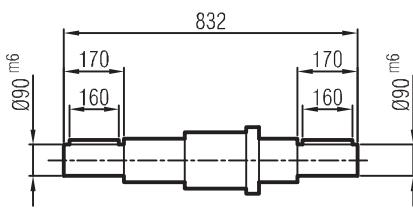
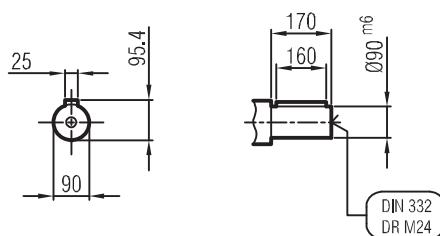
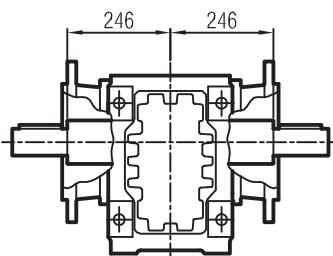
## İRKF 123



... -01

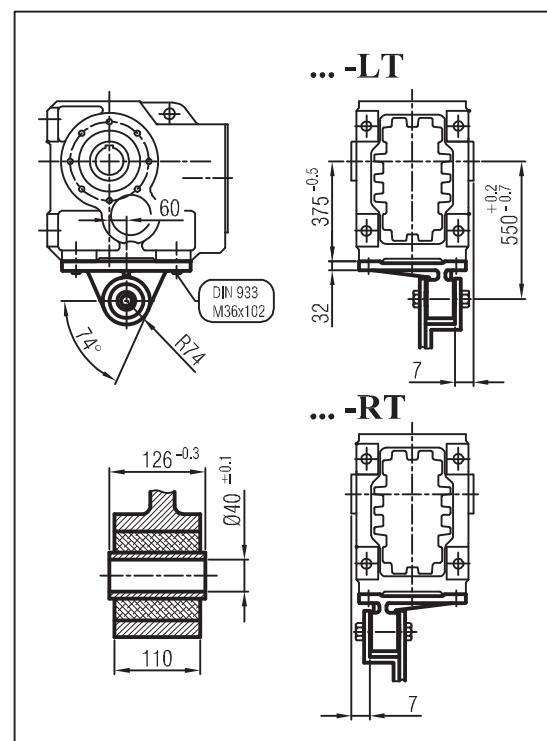
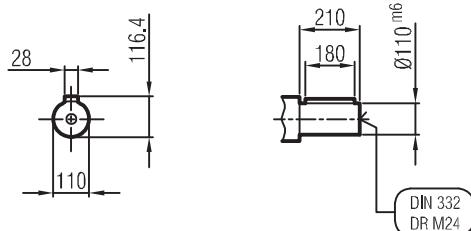
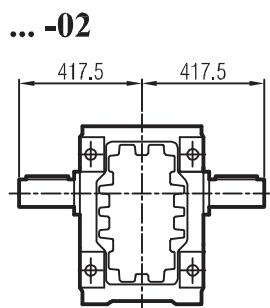
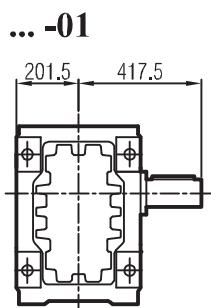
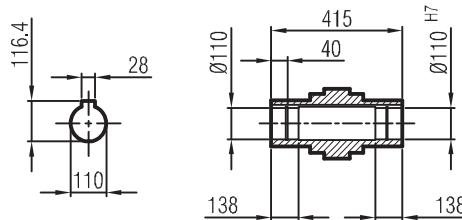
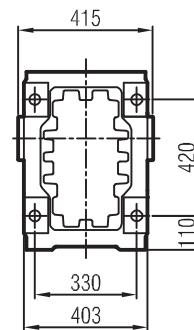
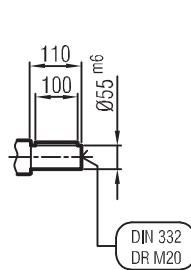
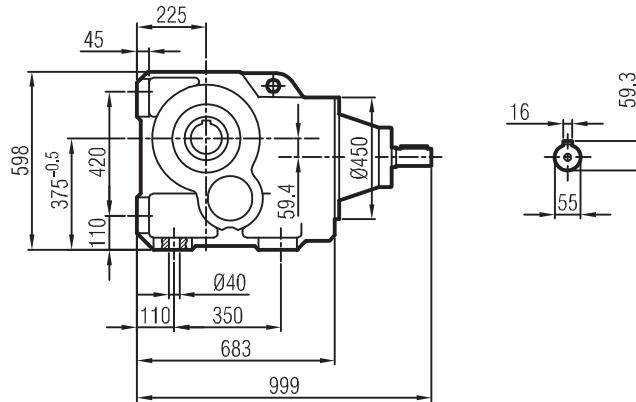


... -02



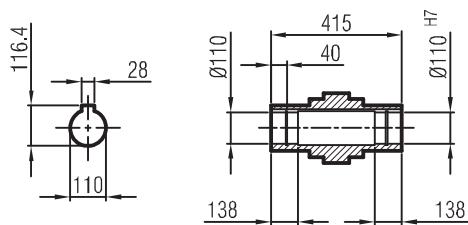
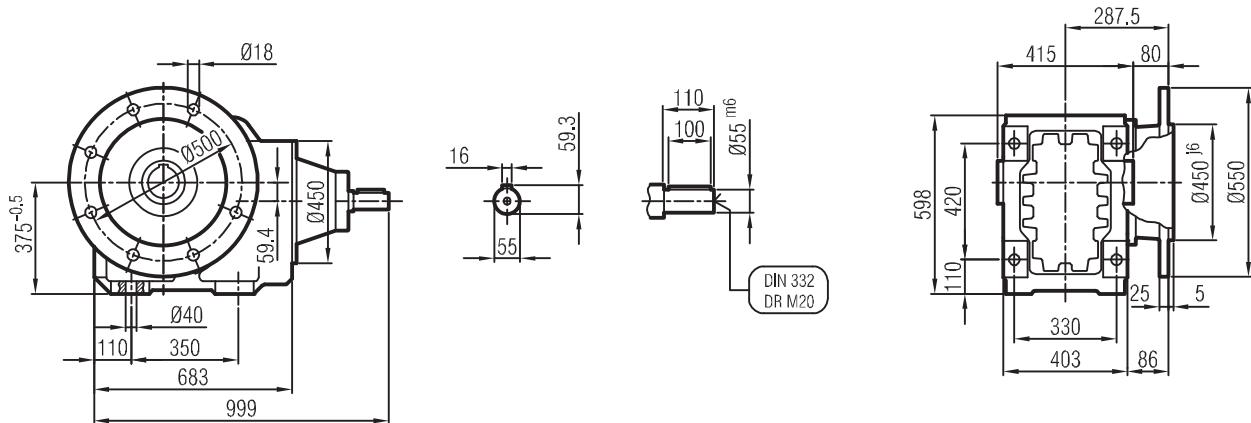


## İRK 143

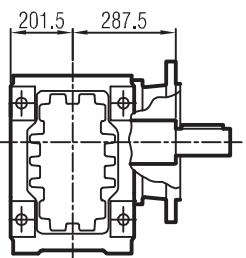




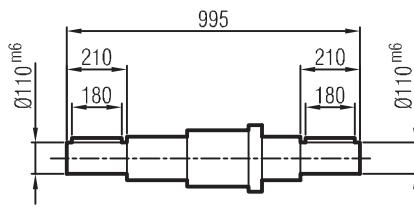
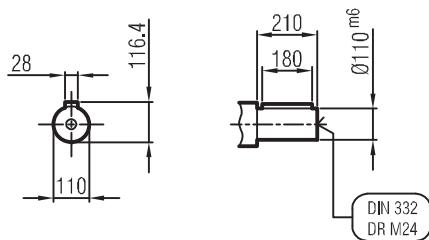
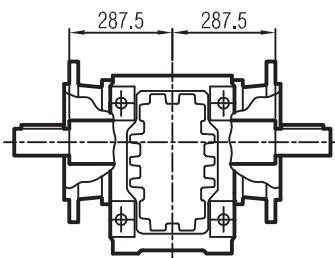
## İRKF 143



... -01

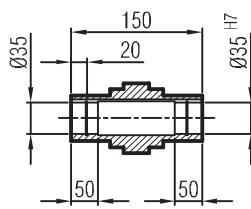
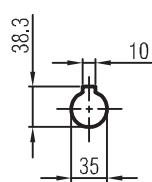
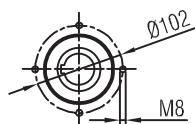
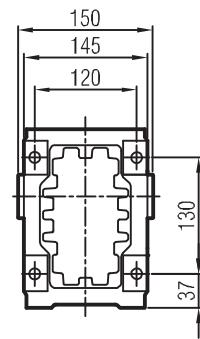
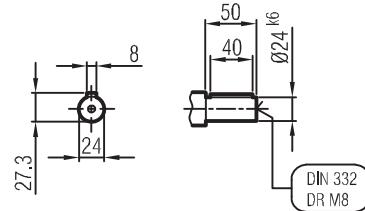
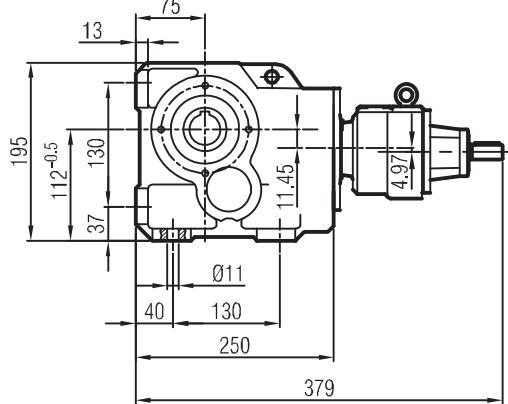


... -02

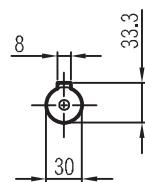
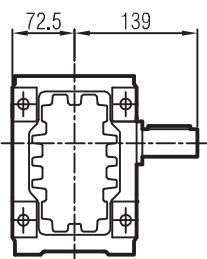




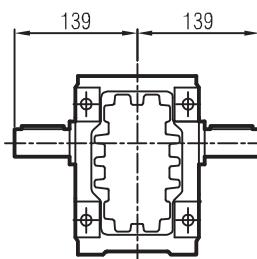
**İRK 63 İR 52**  
**İRK 63 İR 53**



**... -01**

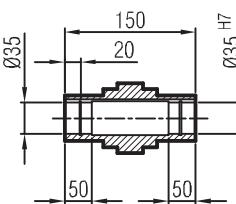
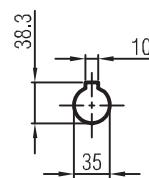
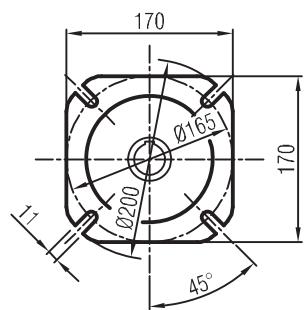
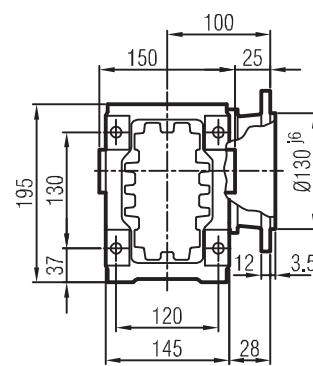
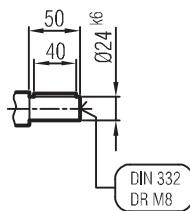
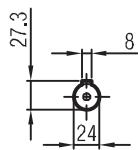
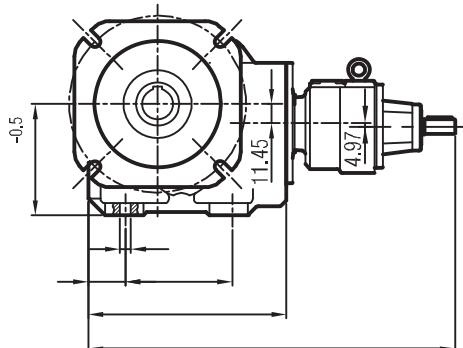


**... -02**

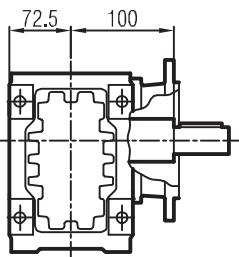




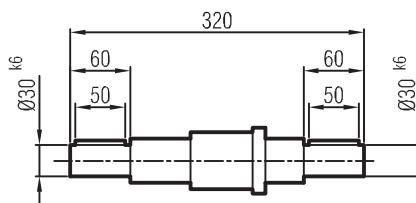
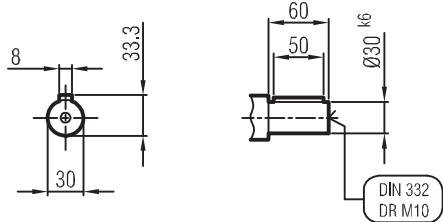
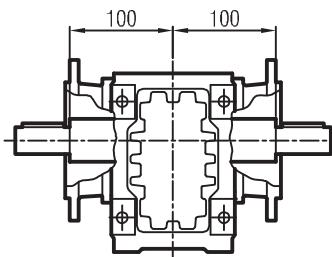
**İRKF 63 İR 52**  
**İRKF 63 İR 53**



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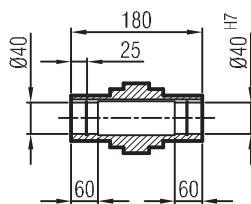
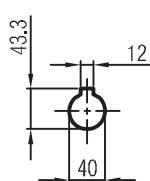
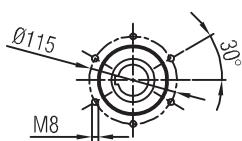
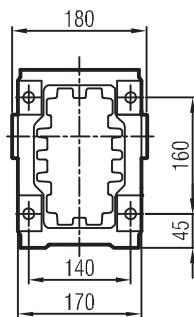
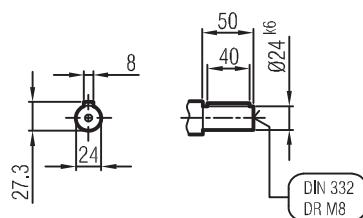
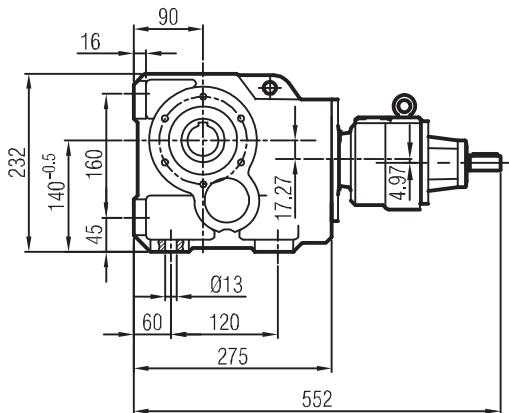


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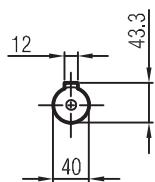
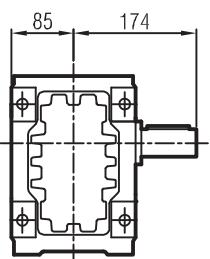




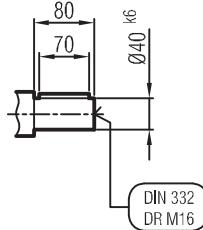
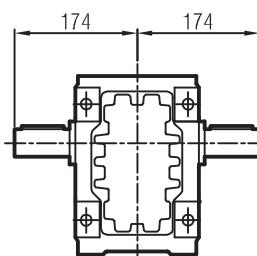
**İRK 73 İR 52**  
**İRK 73 İR 53**



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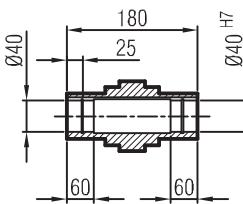
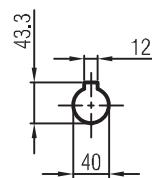
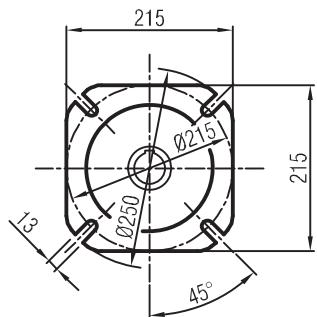
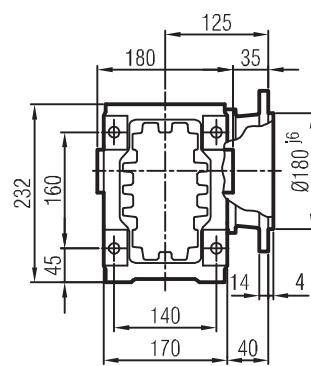
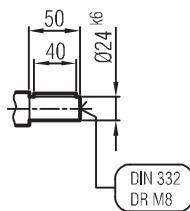
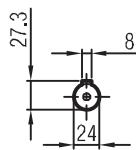
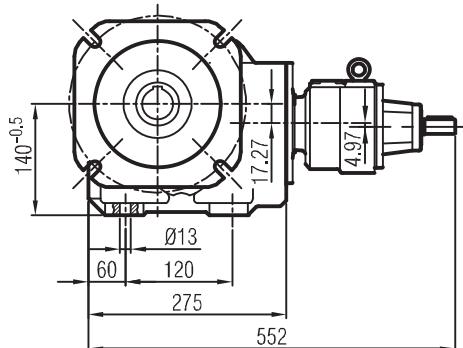


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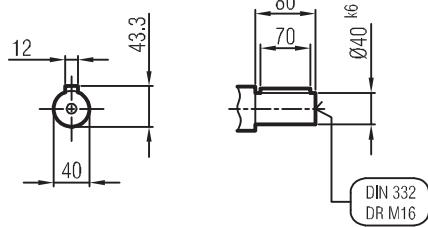
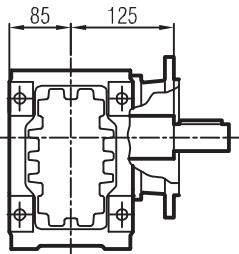




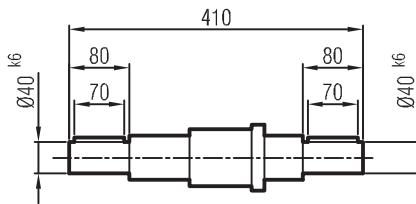
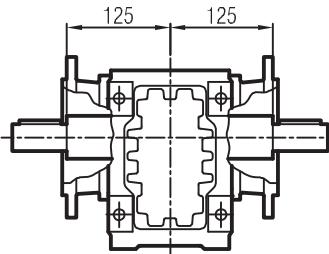
**İRKF 73 İR 52**  
**İRKF 73 İR 53**



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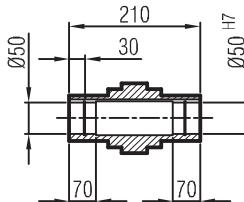
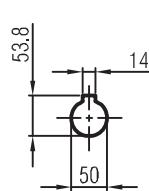
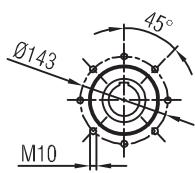
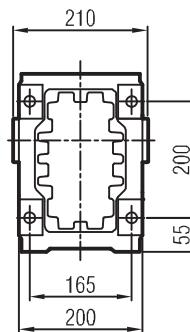
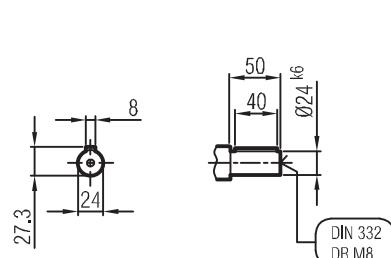
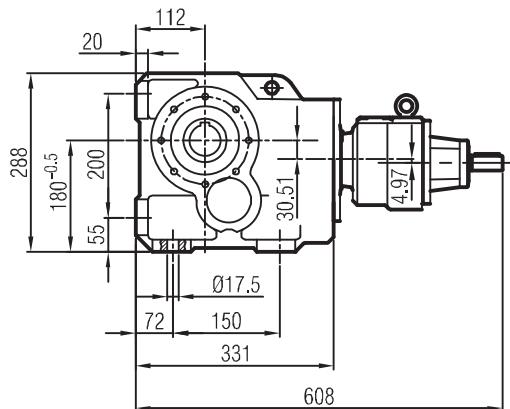


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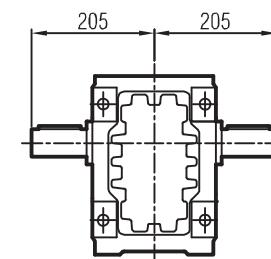
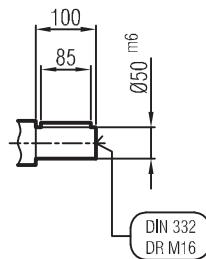
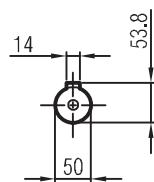
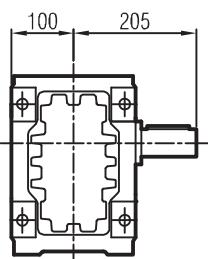




**İRK 83 İR 52**  
**İRK 83 İR 53**



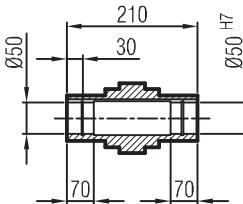
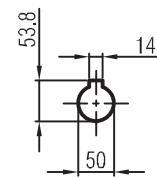
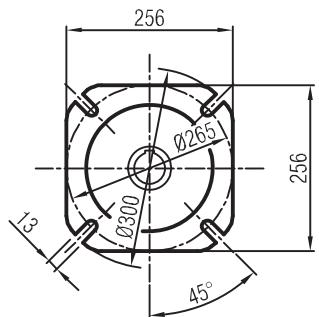
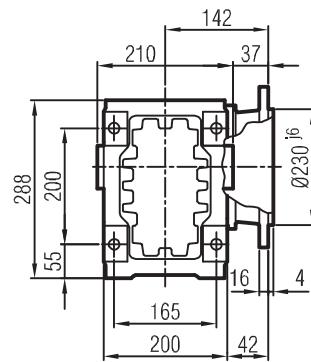
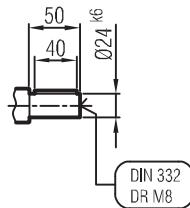
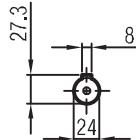
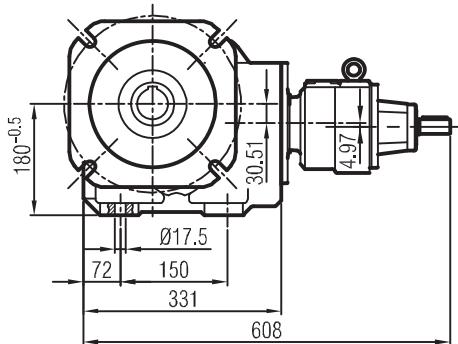
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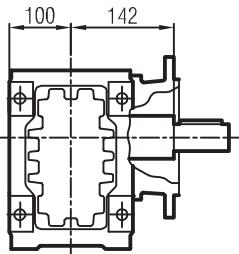
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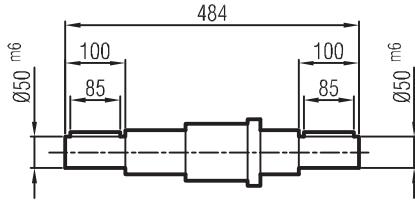
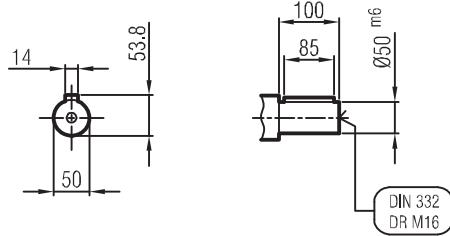
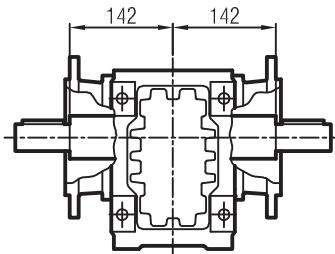
**İRKF 83 İR 52**  
**İRKF 83 İR 53**



**... -01**

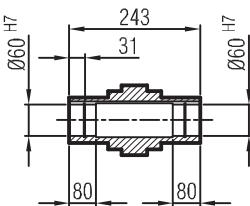
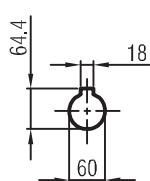
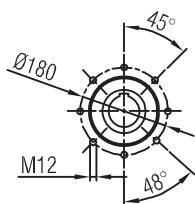
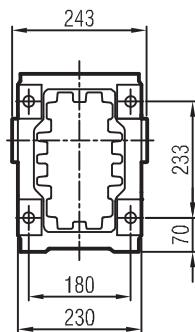
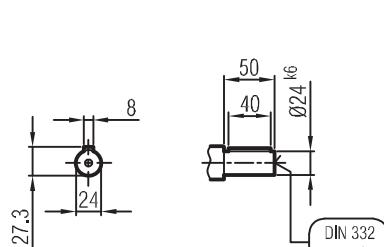
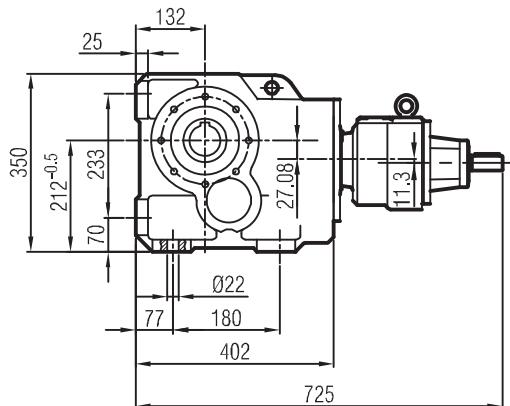


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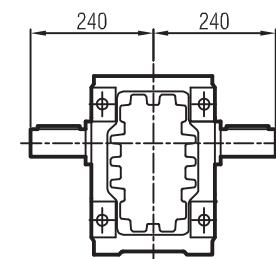
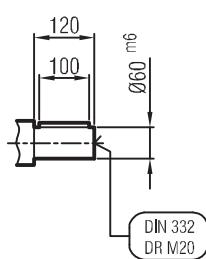
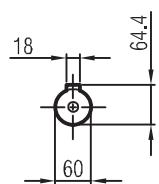
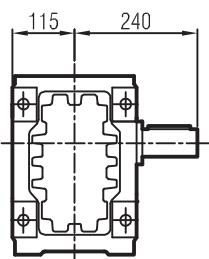




**İRK 93 İR 62**  
**İRK 93 İR 63**



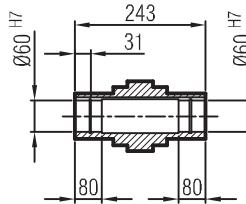
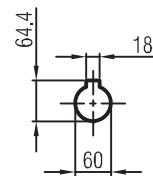
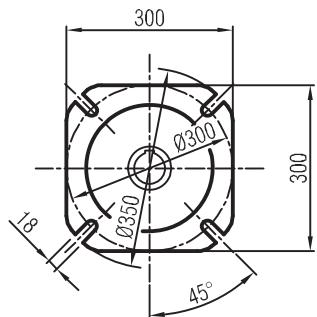
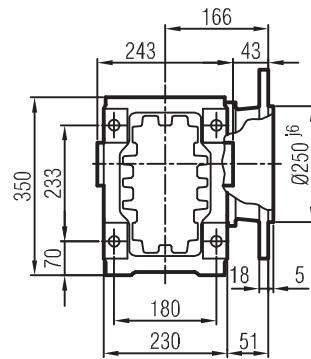
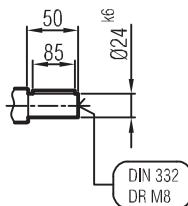
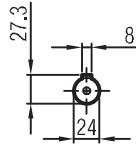
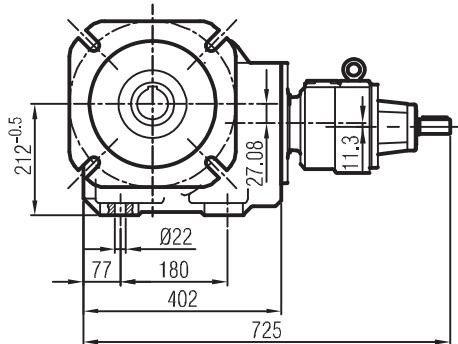
**... -01**



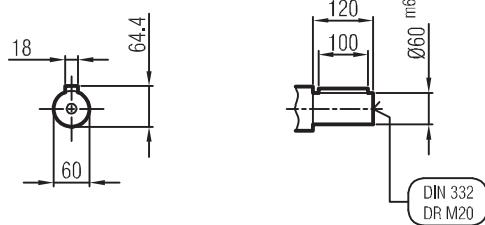
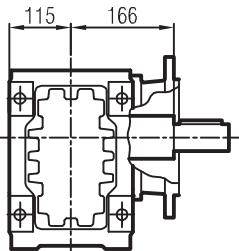
**... -02**



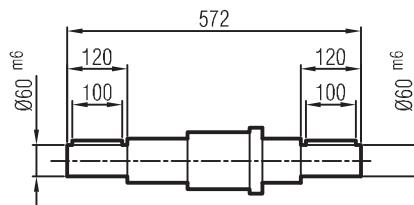
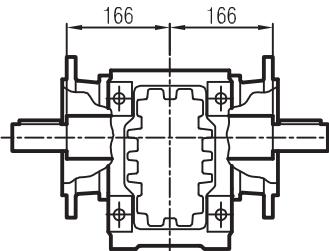
**İRKF 93 İR 62**  
**İRKF 93 İR 63**



**... -01**

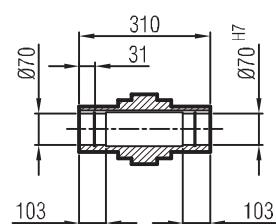
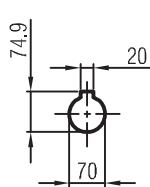
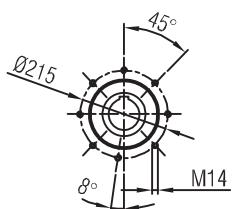
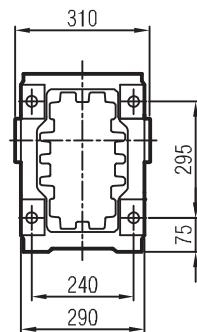
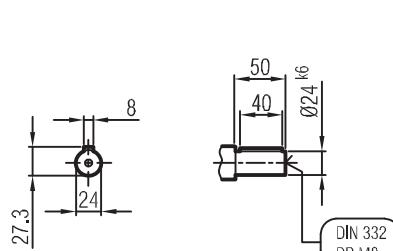
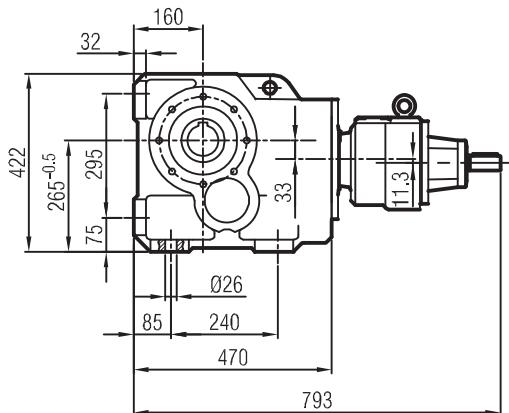


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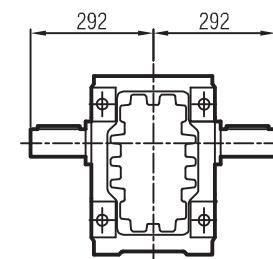
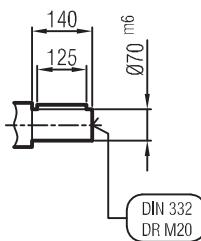
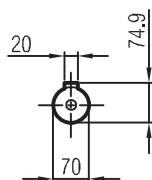
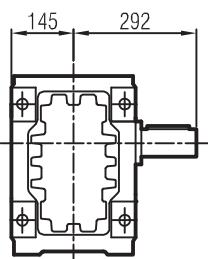




**İRK 103 İR 62**  
**İRK 103 İR 63**



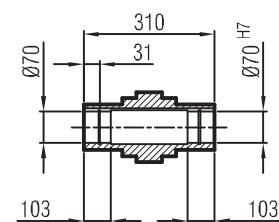
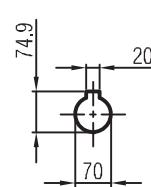
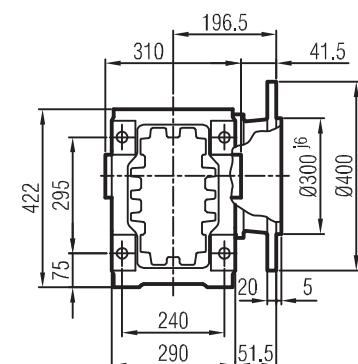
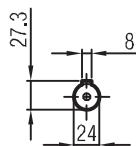
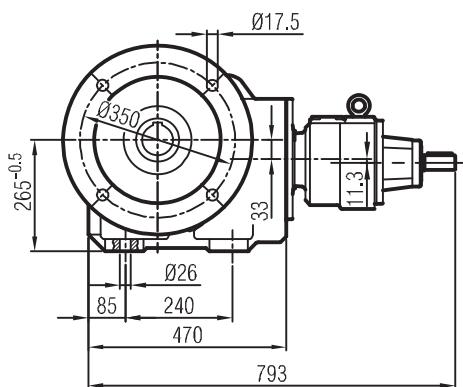
**... -01**



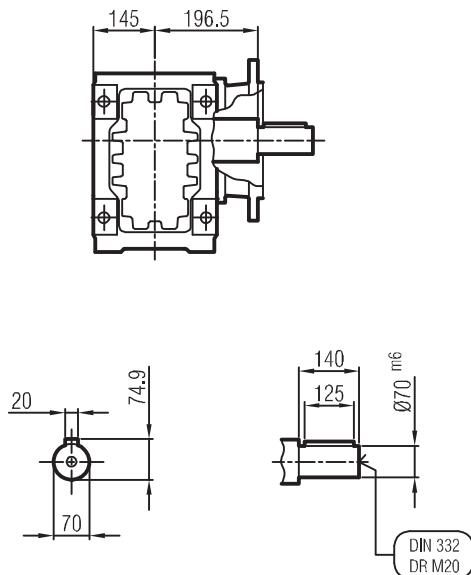
**... -02**



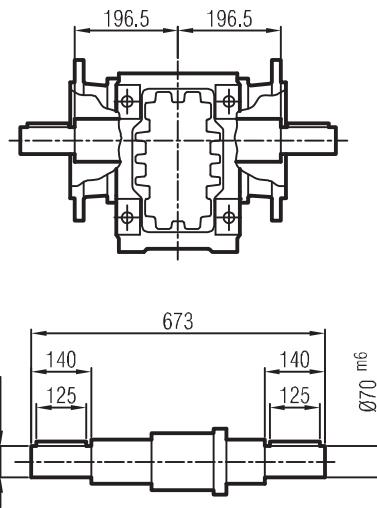
**İRKF 103 İR 62**  
**İRKF 103 İR 63**



**... -01**

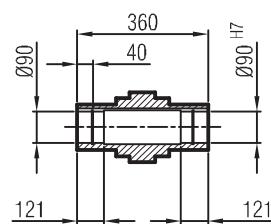
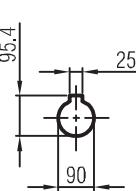
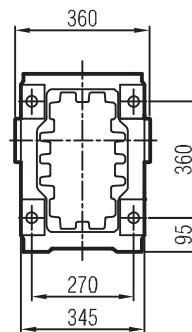
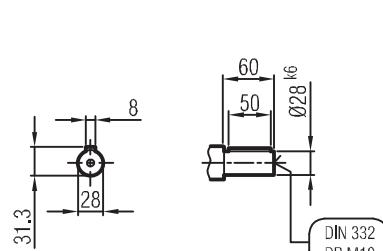
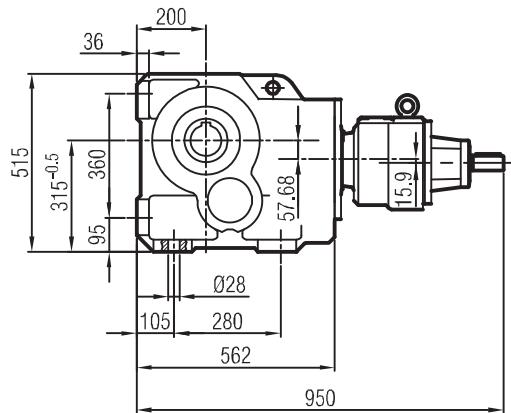


**... -02**

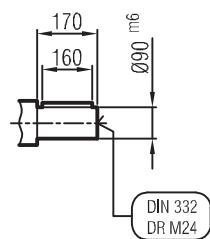
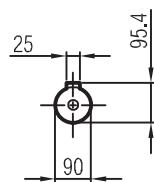
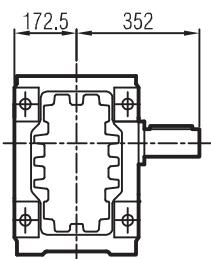




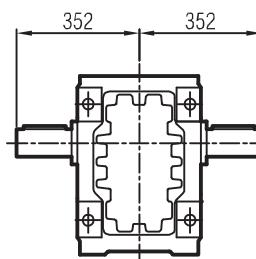
**İRK 123 İR 72**  
**İRK 123 İR 73**



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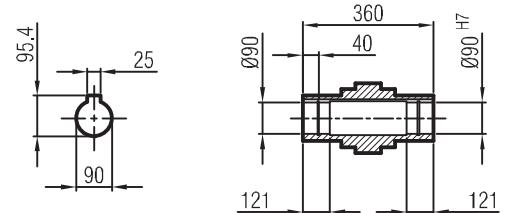
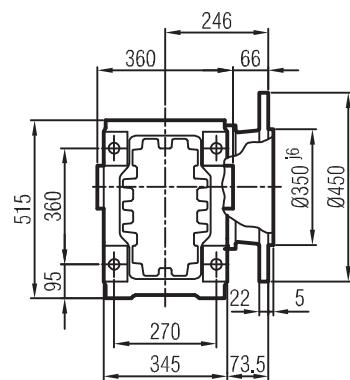
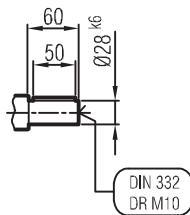
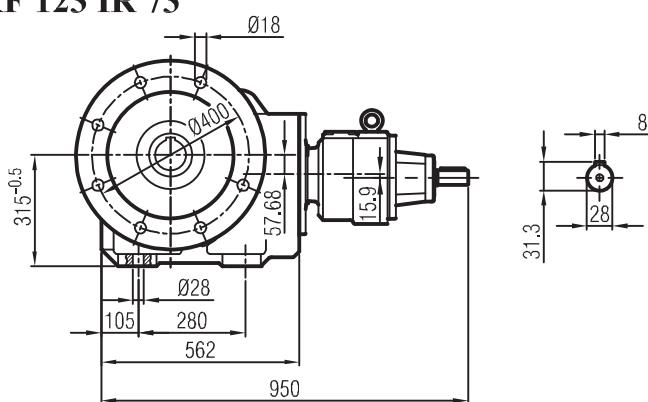
**... -02**



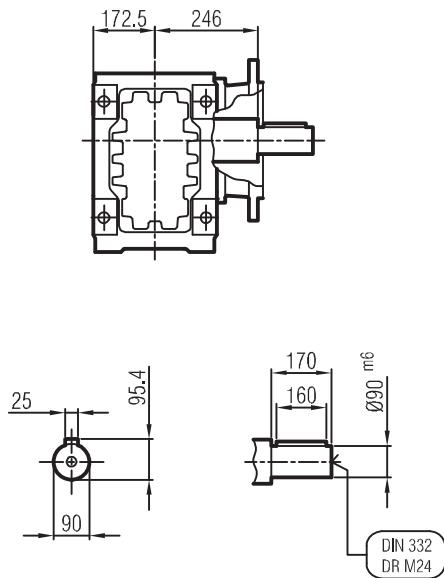


### İRKF 123 İR 72

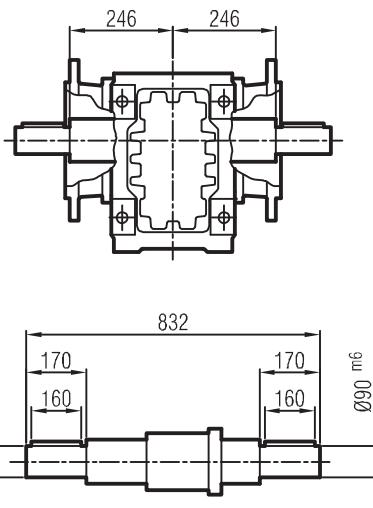
### İRKF 123 İR 73



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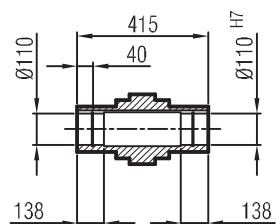
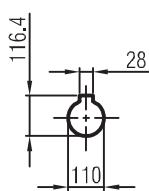
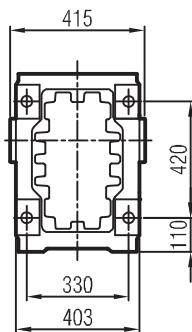
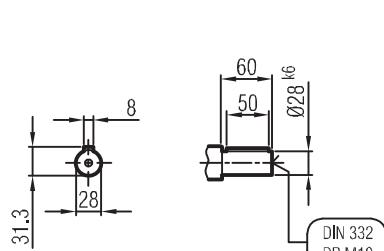
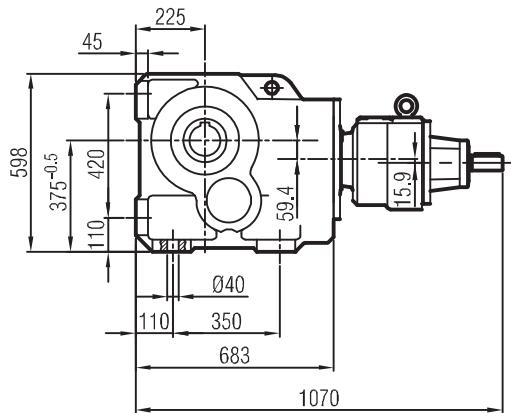


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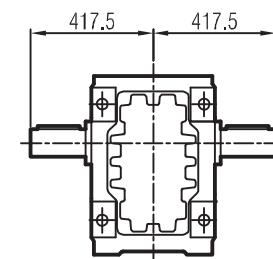
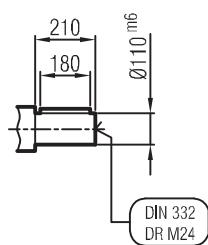
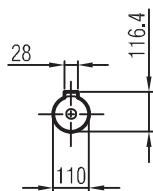
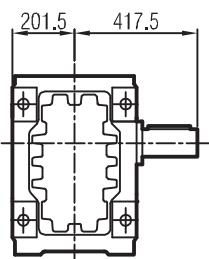




**İRK 143 İR 72**  
**İRK 143 İR 73**



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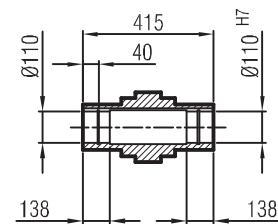
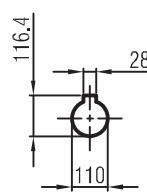
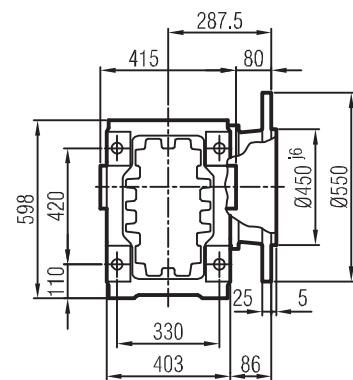
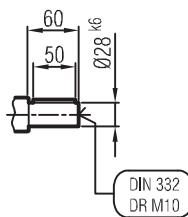
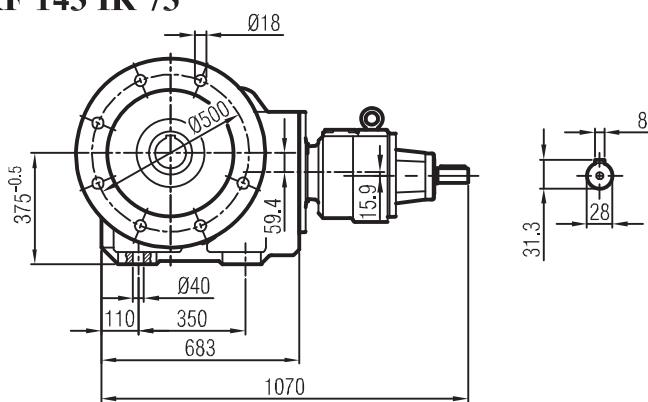


**... -02**



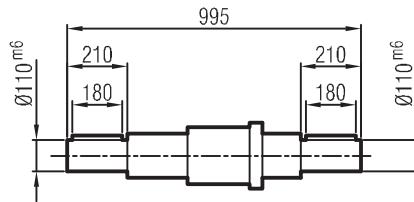
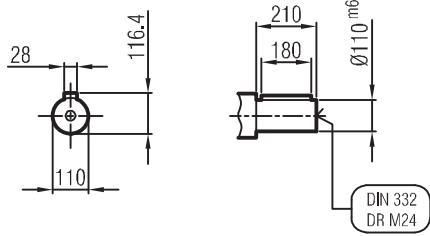
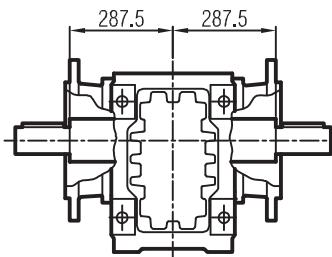
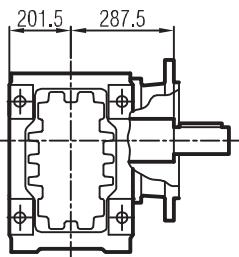
### İRKF 143 İR 72

### İRKF 143 İR 73



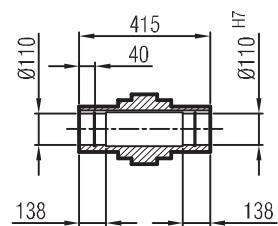
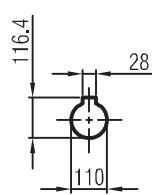
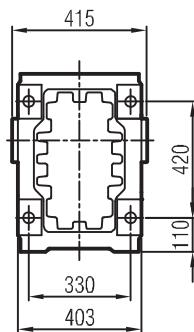
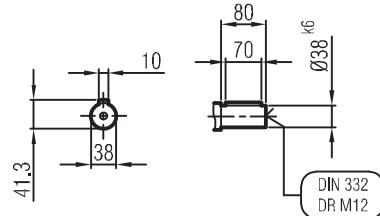
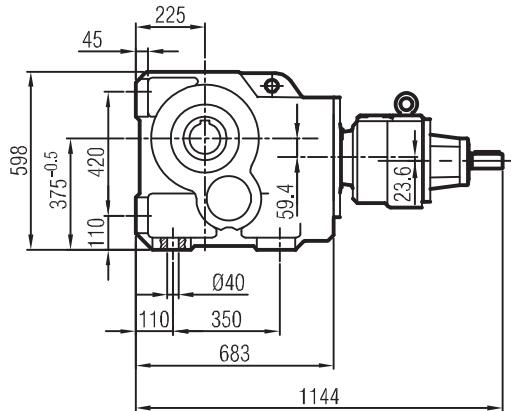
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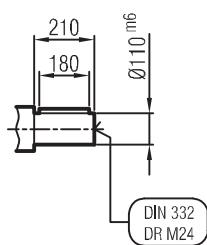
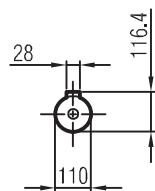
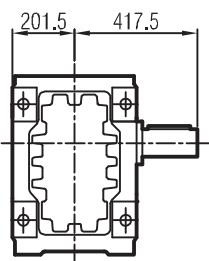




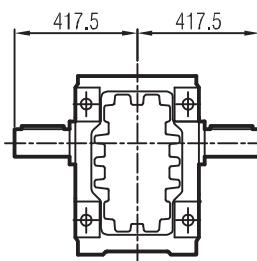
## İRK 143 İR 82



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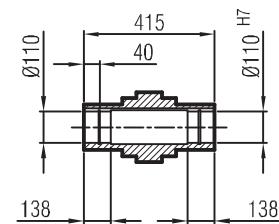
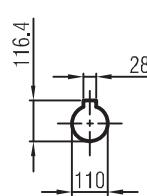
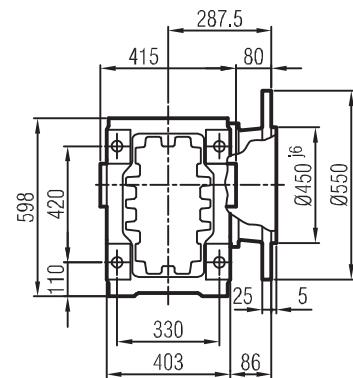
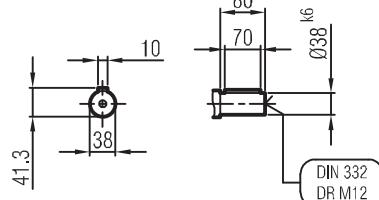
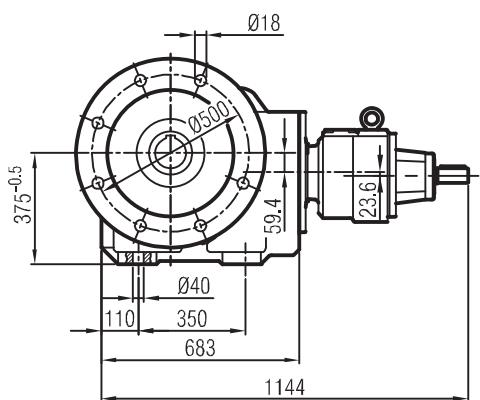


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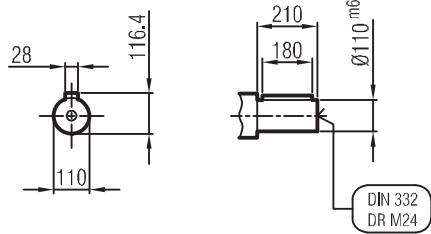
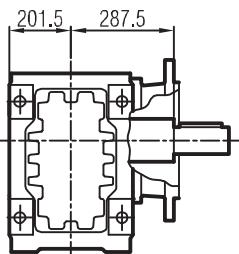




## İRKF 143 İR 82



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