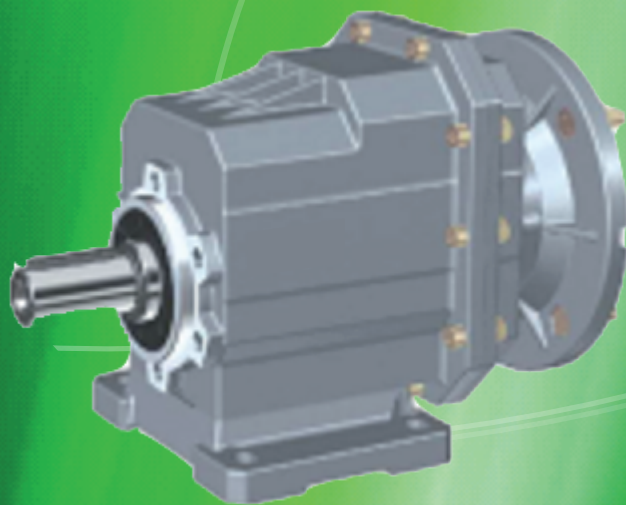


- SERIE DRC -
Riduttori Coassiali
Coaxial Gearboxes

ELLE.GI SRL

*Organi di
Trasmissione*



6. GEAR UNIT SELECTION TABLES - TABELLA DI SELEZIONE

6.1 Possible geometrical combinations - Possibili combinazioni geometriche

DRC01..

$n_1=1400$ r/min

120Nm

n_2 [r/min]	M_2 max [Nm]	Fr_2 [N]	i		MX63.. 63B5	MX71.. 71B5/B14	MX80.. 80B5/B14	MX90.. 90B5/B14
26	120	2600	53.33	160 / 3				
31	120	2600	45.89	413 / 9				
35	120	2600	40.10	3248 / 81				
39	120	2560	35.47	532 / 15				
49	120	2380	28.50	770 / 27				
59	120	2230	23.56	212 / 9				
71	120	2100	19.83	119 / 6				
78	90	2030	17.86	1357 / 76				
96	120	1900	14.62	658 / 45				
101	90	1860	13.80*	69 / 5				
118	120	1770	11.90	2464 / 207				
143	120	1660	9.81	1148 / 117				
153	80	1630	9.17*	1219 / 133				
181	80	1540	7.72	1173 / 152				
246	70	1390	5.69*	1081 / 190				
302	70	1290	4.63	88 / 19				
366	70	1210	3.82*	943 / 247				

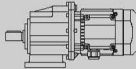


DRC02..

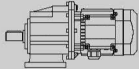


$n_1=1400$ r/min

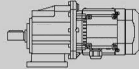


200Nm

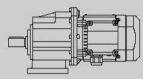
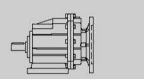
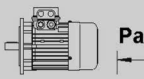
n_2 [r/min]	M_2 max [Nm]	Fr_2 [N]	i		MX63.. 63B5	MX71.. 71B5/B14	MX80.. 80B5/B14	MX90.. 90B5/B14
26	200	4500	54.00	54 / 1				
30	200	4500	46.46	3717 / 80				
34	200	4500	40.60	203 / 5				
39	200	4270	35.91	3591 / 100				
48	200	3970	28.88	231 / 8				
59	200	3730	23.85	477 / 20				
70	200	3520	20.08	3213 / 160				
82	140	3330	17.10	3009 / 176				
95	200	3180	14.81	2961 / 200				
106	140	3060	13.21*	2907 / 220				
116	200	2970	12.05	1386 / 115				
141	200	2780	9.93	2583 / 260				
159	120	2670	8.78*	2703 / 308				
189	120	2520	7.39	2601 / 352				
257	100	2280	5.45*	2397 / 440				
316	100	2120	4.43	102 / 23				
383	80	1990	3.66*	2091 / 572				

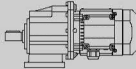


* Solo su richiesta - Only on request

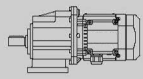
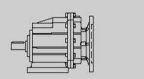
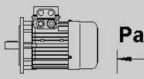
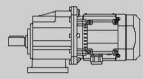

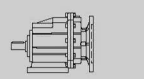
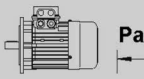


P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	F_{r2} [N]	f_s		Page			Page			
0.18	26	64	54.00*	4500	3.1	DRC02 MX63M4	36	DRC02 63B5	6324	37			
	30	55	46.46*	4500	3.7		DRCF02 MX63M4			36	6324	37	
	34	48	40.60*	4500	4.2		DRCZ02 MX63M4			36	6324	37	
	39	42	35.91*	4270	4.7								
	16.7	99	54.00*	4500	2.0	DRC02 MX63L6	36	DRC02 71B5/B14	7116	37			
	19.4	85	46.46*	4500	2.3		DRCF02 MX63L6			36	7116	37	
	22	74	40.60*	4500	2.7		DRCZ02 MX63L6			36	7116	37	
	25	66	35.91*	4500	3.0								
	31	53	28.88*	4500	3.8								
	0.25	26	87	53.33	2600	1.4	DRC01 MX63L4	33	DRC01 71B5/B14	7114	34		
		31	75	45.89	2600	1.6		DRCF01 MX63L4			33	7114	34
		35	66	40.10	2600	1.8		DRCZ01 MX63L4			33	7114	34
		39	58	35.47	2560	2.1							
		49	47	28.50	2380	2.6							
59		39	23.56	2230	3.1								
71		32	19.83	2100	3.7								
78		29	17.86	2030	3.1								
96		24	14.62	1900	5.0								
101		23	13.80*	1860	4.0								
118		19.5	11.90	1770	6.2								
143		16.1	9.81	1660	7.5								
153		15.0	9.17	1630	5.3								
181		12.6	7.72	1540	6.3								
246		9.3	5.69	1390	7.5								
302		7.6	4.63	1290	9.2								
366		6.3	3.82	1210	11.2								
16.9		136	53.33	2600	0.88	DRC01 MX71D6	33	DRC01 71B5/B14	7126	34			
19.6		117	45.89	2600	1.0		DRCF01 MX71D6			33	7126	34	
22		102	40.10	2600	1.2		DRCZ01 MX71D6			33	7126	34	
25		90	35.47	2600	1.3								
32		73	28.50	2600	1.7								
38		60	23.56	2580	2.0								
45		51	19.83	2440	2.4								
50		45	17.86	2360	2.0								
62		37	14.62	2200	3.2								
65		35	13.80*	2160	2.6								
76		30	11.90	2060	4.0								
92		25	9.81	1930	4.8								
98		23	9.17	1890	3.4								
117		19.7	7.72	1780	4.1								
158		14.5	5.69	1610	4.8								
194		11.8	4.63	1500	5.9								
236		9.7	3.82	1410	7.2								
26		88	54.00*	4500	2.3	DRC02 MX63L4	36	DRC02 71B5/B14	7114	37			
30		76	46.46*	4500	2.6		DRCF02 MX63L4			36	7114	37	
34		66	40.60*	4500	3.0		DRCZ02 MX63L4			36	7114	37	
39		59	35.91*	4270	3.4								
16.7		138	54.00*	4500	1.5	DRC02 MX71D6	36	DRC02 71B5/B14	7126	37			
19.4		118	46.46*	4500	1.7		DRCF02 MX71D6			36	7126	37	
22		103	40.60*	4500	1.9		DRCZ02 MX71D6			36	7126	37	
25		91	35.91*	4500	2.2								
31		74	28.88*	4500	2.7								

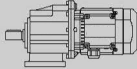

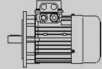
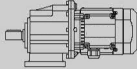

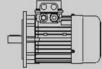
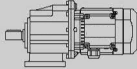

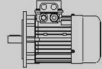

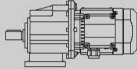

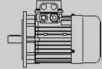

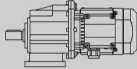

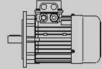

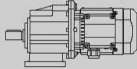

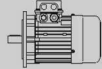

P _{1n} [kW]	n ₂ [r/min]	M _{2n} [Nm]	i	F _{r2} [N]	f _s							
							Page		Page		Page	
0.37	26	129	53.33	2600	0.93	DRC01	MX71D4	33	DRC01	71B5/B14	7124	34
	31	111	45.89	2600	1.1	DRCF01	MX71D4	33	DRCF01	71B5/B14	7124	34
	35	97	40.10	2600	1.2	DRCZ01	MX71D4	33	DRCZ01	71B5/B14	7124	34
	39	86	35.47	2560	1.4							
	49	69	28.50	2380	1.7							
	59	57	23.56	2230	2.1							
	71	48	19.83	2100	2.5							
	78	43	17.86	2030	2.1							
	96	35	14.62	1900	3.4							
	101	33	13.80*	1860	2.7							
	118	29	11.90	1770	4.2							
	143	24	9.81	1660	5.0							
	153	22	9.17	1630	3.6							
	181	18.7	7.72	1540	4.3							
	246	13.8	5.69	1390	5.1							
	302	11.2	4.63	1290	6.2							
	366	9.3	3.82	1210	7.6							
	25	134	35.47	2600	0.90	DRC01	MX80K6	33	DRC01	80B5/B14	8016	34
	32	107	28.50	2600	1.1	DRCF01	MX80K6	33	DRCF01	80B5/B14	8016	34
	38	89	23.56	2580	1.4	DRCZ01	MX80K6	33	DRCZ01	80B5/B14	8016	34
	45	75	19.83	2440	1.6							
	50	67	17.86	2360	1.3							
	62	55	14.62	2200	2.2							
	65	52	13.80*	2160	1.7							
	76	45	11.90	2060	2.7							
	92	37	9.81	1930	3.2							
	98	35	9.17	1890	2.3							
	117	29	7.72	1780	2.7							
	26	131	54.00*	4500	1.5	DRC02	MX71D4	36	DRC02	71B5/B14	7124	37
	30	113	46.46*	4500	1.8	DRCF02	MX71D4	36	DRCF02	71B5/B14	7124	37
	34	98	40.60*	4500	2.0	DRCZ02	MX71D4	36	DRCZ02	71B5/B14	7124	37
	39	87	35.91*	4270	2.3							
	48	70	28.88*	3970	2.9							
	59	58	23.85*	3730	3.5							
	70	49	20.08*	3520	4.1							
82	41	17.10	3330	3.4								
95	36	14.81*	3180	5.6								
16.7	204	54.00*	4500	1.0	DRC02	MX80K6	36	DRC02	80B5/B14	8016	37	
19.4	175	46.46*	4500	1.1	DRCF02	MX80K6	36	DRCF02	80B5/B14	8016	37	
22	153	40.60*	4500	1.3	DRCZ02	MX80K6	36	DRCZ02	80B5/B14	8016	37	
25	135	35.91*	4500	1.5								
31	109	28.88*	4500	1.8								
38	90	23.85*	4320	2.2								
45	76	20.08*	4080	2.6								
53	64	17.10	3860	2.2								
68	50	13.21	3550	2.8								
24	141	58.09	6000	2.1	DRC03	MX71D4	39	DRC03	71B5	7124	40	
28	121	50.02	6000	2.5	DRCF03	MX71D4	39	DRCF03	71B5	7124	40	
32	106	43.75	6000	2.8	DRCZ03	MX71D4	39	DRCZ03	71B5	7124	40	
36	94	38.73	6000	3.2								
40	84	34.62	5860	3.6								
15.5	219	58.09	6000	1.4	DRC03	MX80K6	39	DRC03	80B5/B14	8016	40	
18.0	189	50.02	6000	1.6	DRCF03	MX80K6	39	DRCF03	80B5/B14	8016	40	
21	165	43.75	6000	1.8	DRCZ03	MX80K6	39	DRCZ03	80B5/B14	8016	40	
23	146	38.73	6000	2.1								
26	130	34.62	6000	2.3								
32	107	28.30	6000	2.8								
41	82	21.78	5820	3.4								

P _{1n} [kW]	n ₂ [r/min]	M _{2n} [Nm]	i	F _{r2} [N]	f _s									
							Page		Page		Page			
0.55	53	96	53.33	2320	1.2	DRC01 MX71D2	33	DRC01 71B5/B14	7122	34				
	61	83	45.89	2210	1.5		DRCF01 MX71D2				33	DRCF01 71B5/B14	7122	34
	70	72	40.10	2110	1.7		DRCZ01 MX71D2				33	DRCZ01 71B5/B14	7122	34
	79	64	35.47	2030	1.9									
	98	51	28.50	1880	2.3									
	119	42	23.56	1770	2.8									
	141	36	19.83	1670	3.4									
	157	32	17.86	1610	2.8									
	203	25	13.80*	1480	3.6									
	39	128	35.47	2560	0.94	DRC01 MX80K4	33	DRC01 80B5/B14	8014	34				
	49	103	28.50	2380	1.2		DRCF01 MX80K4				33	DRCF01 80B5/B14	8014	34
	59	85	23.56	2230	1.4		DRCZ01 MX80K4				33	DRCZ01 80B5/B14	8014	34
	71	71	19.83	2100	1.7									
	78	64	17.86	2030	1.4									
	96	53	14.62	1900	2.3									
	101	50	13.80*	1860	1.8									
	118	43	11.90	1770	2.8									
	143	35	9.81	1660	3.4									
	153	33	9.17	1630	2.4									
	181	28	7.72	1540	2.9									
	246	20	5.69	1390	3.4									
	302	16.7	4.63	1290	4.2									
	366	13.8	3.82	1210	5.1									
	38	132	23.56	2580	0.91	DRC01 MX80N6	33	DRC01 80B5/B14	8026	34				
	45	111	19.83	2440	1.1		DRCF01 MX80N6				33	DRCF01 80B5/B14	8026	34
62	82	14.62	2200	1.5	DRCZ01 MX80N6		33				DRCZ01 80B5/B14	8026	34	
65	77	13.80*	2160	1.2										
76	67	11.90	2060	1.8										
92	55	9.81	1930	2.2										
98	51	9.17	1890	1.6										
117	43	7.72	1780	1.8										
158	32	5.69	1610	2.2										
194	26	4.63	1500	2.7										
236	21	3.82	1410	3.3										
52	97	54.00*	3880	2.1	DRC02 MX71D2	36	DRC02 71B5/B14	7122	37					
60	84	46.46*	3690	2.4		DRCF02 MX71D2				36	DRCF02 71B5/B14	7122	37	
69	73	40.60*	3530	2.7		DRCZ02 MX71D2				36	DRCZ02 71B5/B14	7122	37	
78	65	35.91*	3390	3.1										
97	52	28.88*	3150	3.8										
26	194	54.00*	4500	1.0	DRC02 MX80K4	36	DRC02 80B5/B14	8014	37					
30	167	46.46*	4500	1.2		DRCF02 MX80K4				36	DRCF02 80B5/B14	8014	37	
34	146	40.60*	4500	1.4		DRCZ02 MX80K4				36	DRCZ02 80B5/B14	8014	37	
39	129	35.91*	4270	1.5										
48	104	28.88*	3970	1.9										
59	86	23.85*	3730	2.3										
70	72	20.08*	3520	2.8										
82	62	17.10	3330	2.3										
95	53	14.81*	3180	3.7										
106	48	13.21	3060	2.9										
22	227	40.60*	4500	0.88	DRC02 MX80N6	36	DRC02 80B5/B14	8026	37					
25	201	35.91*	4500	1.0		DRCF02 MX80N6				36	DRCF02 80B5/B14	8026	37	
31	162	28.88*	4500	1.2		DRCZ02 MX80N6				36	DRCZ02 80B5/B14	8026	37	
38	134	23.85*	4320	1.5										
45	113	20.08*	4080	1.8										
53	96	17.10	3860	1.5										
61	83	14.81*	3680	2.4										
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103	49	8.78	3090	2.4										

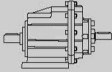
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							Page		Page		Page					
0.75	117	59	7.72	1780	1.4	DRC01 MX90S6	33	DRC01 90B5/B14 90S6	34	DRC01 90B5/B14 90S6	34					
	158	43	5.69	1610	1.6		DRCF01 MX90S6					33	DRCF01 90B5/B14 90S6	34		
	194	35	4.63	1500	2.0		DRCZ01 MX90S6					33	DRCZ01 90B5/B14 90S6	34		
	236	29	3.82	1410	2.4											
	52	133	54.00*	3880	1.5	DRC02 MX80K2	36	DRC02 80B5/B14 8012	37	DRC02 80B5/B14 8012	37					
	60	114	46.46*	3690	1.8		DRCF02 MX80K2					36	DRCF02 80B5/B14 8012	37		
	69	100	40.60*	3530	2.0		DRCZ02 MX80K2					36	DRCZ02 80B5/B14 8012	37		
	78	88	35.91*	3390	2.3											
	97	71	28.88*	3150	2.8											
	117	59	23.85*	2960	3.4											
139	49	20.08*	2790	4.1												
164	42	17.10	2650	3.3												
30	228	46.46*	4500	0.88	DRC02 MX80N4	36	DRC02 80B5/B14 8024	37	DRC02 80B5/B14 8024	37						
34	199	40.60*	4500	1.0		DRCF02 MX80N4					36	DRCF02 80B5/B14 8024	37			
39	176	35.91*	4270	1.1		DRCZ02 MX80N4					36	DRCZ02 80B5/B14 8024	37			
48	142	28.88*	3970	1.4												
59	117	23.85*	3730	1.7												
70	99	20.08*	3520	2.0												
82	84	17.10	3330	1.7												
95	73	14.81*	3180	2.7												
106	65	13.21	3060	2.2												
116	59	12.05	2970	3.4												
141	49	9.93	2780	4.1												
159	43	8.78	2670	2.8												
189	36	7.39	2520	3.3												
257	27	5.45	2280	3.7												
38	182	23.85*	4320	1.1	DRC02 MX90S6	36	DRC02 90B5/B14 90S6	37	DRC02 90B5/B14 90S6	37						
45	153	20.08*	4080	1.3		DRCF02 MX90S6					36	DRCF02 90B5/B14 90S6	37			
61	113	14.81*	3680	1.8		DRCZ02 MX90S6					36	DRCZ02 90B5/B14 90S6	37			
68	101	13.21	3550	1.4												
75	92	12.05	3440	2.2												
91	76	9.93	3220	2.6												
103	67	8.78	3090	1.8												
122	56	7.39	2920	2.1												
165	42	5.45	2640	2.4												
48	143	58.09	5530	2.1		DRC03 MX80K2					39	DRC03 80B5/B14 8012	40	DRC03 80B5/B14 8012	40	
56	123	50.02	5260	2.4	DRCF03 MX80K2		39	DRCF03 80B5/B14 8012	40							
64	107	43.75	5030	2.8	DRCZ03 MX80K2		39	DRCZ03 80B5/B14 8012	40							
72	95	38.73	4830	3.2												
81	85	34.62	4650	3.5												
24	285	58.09	6000	1.1	DRC03 MX80N4	39	DRC03 80B5/B14 8024	40	DRC03 80B5/B14 8024	40						
28	246	50.02	6000	1.2		DRCF03 MX80N4					39	DRCF03 80B5/B14 8024	40			
32	215	43.75	6000	1.4		DRCZ03 MX80N4					39	DRCZ03 80B5/B14 8024	40			
36	190	38.73	6000	1.6												
40	170	34.62	5860	1.8												
49	139	28.30	5480	2.2												
64	107	21.78	5020	2.6												
81	85	17.33	4660	3.3												
93	74	15.06	4440	3.5												
23	296	38.73	6000	1.0	DRC03 MX90S6	39	DRC03 90B5/B14 90S6	40	DRC03 90B5/B14 90S6	40						
26	264	34.62	6000	1.1		DRCF03 MX90S6					39	DRCF03 90B5/B14 90S6	40			
32	216	28.30	6000	1.4		DRCZ03 MX90S6					39	DRCZ03 90B5/B14 90S6	40			
41	166	21.78	5820	1.7												
52	132	17.33	5400	2.1												
60	115	15.06	5150	2.3												

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	59	172	23.85*	3730	1.2		DRCF02 MX90S4			36	DRCF02 90B5/B14	90S4	37
	70	145	20.08*	3520	1.4		DRCZ02 MX90S4			36	DRCZ02 90B5/B14	90S4	37
	95	107	14.81*	3180	1.9								
	106	95	13.21	3060	1.5								
	116	87	12.05	2970	2.3								
	141	72	9.93	2780	2.8								
	159	63	8.78	2670	1.9								
	189	53	7.39	2520	2.3								
	257	39	5.45	2280	2.5								
	316	32	4.43	2120	3.1								
	383	26	3.66	1990	3.0								
	61	166	14.81*	3680	1.2	DRC02 MX90L6	36	DRC02 90B5/B14	90L6	37			
	75	135	12.05	3440	1.5		DRCF02 MX90L6			36	DRCF02 90B5/B14	90L6	37
	91	111	9.93	3220	1.8		DRCZ02 MX90L6			36	DRCZ02 90B5/B14	90L6	37
	103	98	8.78	3090	1.2								
	122	83	7.39	2920	1.4								
	165	61	5.45	2640	1.6								
	203	50	4.43	2460	2.0								
	246	41	3.66	2310	2.0								
	48	209	58.09	5530	1.4	DRC03 MX80N2	39	DRC03 80B5/B14	8022	40			
	56	180	50.02	5260	1.7		DRCF03 MX80N2			39	DRCF03 80B5/B14	8022	40
	64	158	43.75	5030	1.9		DRCZ03 MX80N2			39	DRCZ03 80B5/B14	8022	40
	72	139	38.73	4830	2.2								
	81	125	34.62	4650	2.4								
	99	102	28.30	4350	2.9								
129	78	21.78	3990	3.6									
	32	315	43.75	6000	0.95	DRC03 MX90S4	39	DRC03 90B5/B14	90S4	40			
	36	279	38.73	6000	1.1		DRCF03 MX90S4			39	DRCF03 90B5/B14	90S4	40
	40	249	34.62	5860	1.2		DRCZ03 MX90S4			39	DRCZ03 90B5/B14	90S4	40
	49	204	28.30	5480	1.5								
	64	157	21.78	5020	1.8								
	81	125	17.33	4660	2.2								
	93	108	15.06	4440	2.4								
	113	89	12.37	4160	2.9								
	136	74	10.28	3910	3.2								
	177	57	7.93*	3590	3.2								
	222	45	6.31	3320	4.0								
	255	39	5.48	3170	3.8								
	311	32	4.50	2970	4.6								
	374	27	3.74	2790	5.6								
	32	317	28.30	6000	0.95	DRC03 MX90L6	39	DRC03 90B5/B14	90L6	40			
	41	244	21.78	5820	1.1		DRCF03 MX90L6			39	DRCF03 90B5/B14	90L6	40
	52	194	17.33	5400	1.4		DRCZ03 MX90L6			39	DRCZ03 90B5/B14	90L6	40
	60	169	15.06	5150	1.5								
	73	139	12.37	4820	1.9								
	88	115	10.28	4530	2.1								
	113	89	7.93*	4160	2.0								
	143	71	6.31	3850	2.5								
	164	61	5.48	3670	2.4								
	200	50	4.50	3440	3.0								
	241	42	3.74	3230	3.6								
		48	209	58.09	7500		2.4			DRC04 MX80N2	42	DRC04 80B5/B14	8022
56		180	50.02	7130	2.8	DRCF04 MX80N2	42	DRCF04 80B5/B14	8022		43		
64		158	43.75	6820	3.2	DRCZ04 MX80N2	42	DRCZ04 80B5/B14	8022		43		
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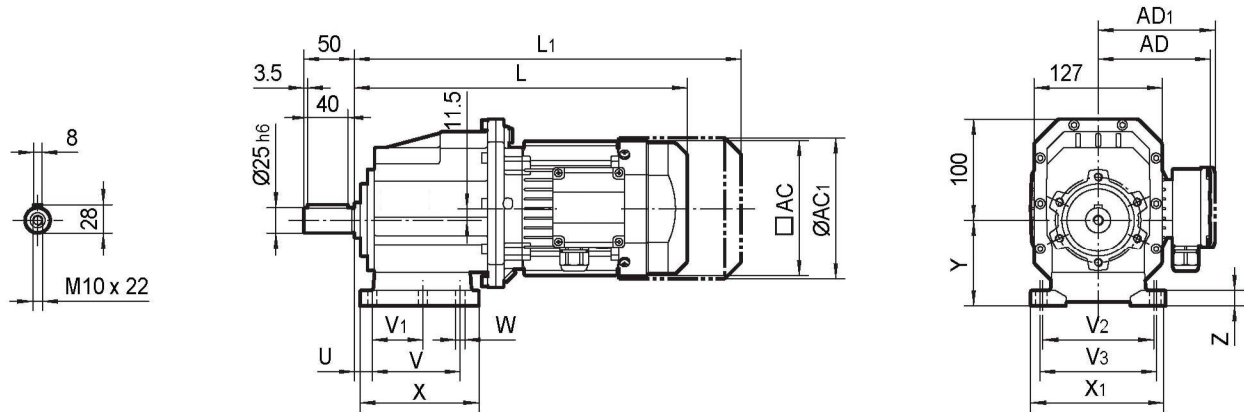
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							Page		Page		Page								
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	143	96	9.81	1660	1.2							DRC01 MX90L4	33	DRC01 90B5/B14	90L4	34	DRCF01 90B5/B14	90L4	34
	153	90	9.17	1630	0.89							DRCZ01 MX90L4	33	DRCZ01 90B5/B14	90L4	34			
	181	76	7.72	1540	1.1														
	246	56	5.69	1390	1.3														
	302	45	4.63	1290	1.5														
	366	38	3.82	1210	1.9														
	69	199	40.60*	3530	1.0							DRC02 MX90S2	36	DRC02 90B5/B14	90S2	37	DRCF02 90B5/B14	90S2	37
	78	176	35.91*	3390	1.1							DRCF02 MX90S2	36	DRCF02 90B5/B14	90S2	37			
	97	142	28.88*	3150	1.4							DRCZ02 MX90S2	36	DRCZ02 90B5/B14	90S2	37			
	117	117	23.85*	2960	1.7														
	139	99	20.08*	2790	2.0														
	189	73	14.81*	2520	2.7														
	212	65	13.21	2430	2.2														
	232	59	12.05	2350	3.4														
	282	49	9.93	2210	4.1														
	319	43	8.78	2120	2.8														
	379	36	7.39	2000	3.3														
	514	27	5.45	1810	3.7														
	95	145	14.81*	3180	1.4							DRC02 MX90L4	36	DRC02 90B5/B14	90L4	37	DRCF02 90B5/B14	90L4	37
	116	118	12.05	2970	1.7							DRCF02 MX90L4	36	DRCF02 90B5/B14	90L4	37			
	141	98	9.93	2780	2.1							DRCZ02 MX90L4	36	DRCZ02 90B5/B14	90L4	37			
	159	86	8.78	2670	1.4														
	189	73	7.39	2520	1.7														
	257	54	5.45	2280	1.9														
	316	44	4.43	2120	2.3														
	383	36	3.66	1990	2.2														
	48	285	58.09	5530	1.1							DRC03 MX90S2	39	DRC03 90B5/B14	90S2	40	DRCF03 90B5/B14	90S2	40
	56	246	50.02	5260	1.2							DRCF03 MX90S2	39	DRCF03 90B5/B14	90S2	40			
	64	215	43.75	5030	1.4							DRCZ03 MX90S2	39	DRCZ03 90B5/B14	90S2	40			
	72	190	38.73	4830	1.6														
	81	170	34.62	4650	1.8														
	99	139	28.30	4350	2.2														
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	162	85	17.33	3690	3.3														
	186	74	15.06	3530	3.5														
40	340	34.62	5860	0.88	DRC03 MX90L4	39	DRC03 90B5/B14	90L4	40	DRCF03 90B5/B14	90L4	40							
49	278	28.30	5480	1.1	DRCF03 MX90L4	39	DRCF03 90B5/B14	90L4	40										
64	214	21.78	5020	1.3	DRCZ03 MX90L4	39	DRCZ03 90B5/B14	90L4	40										
81	170	17.33	4660	1.6															
93	148	15.06	4440	1.8															
113	122	12.37	4160	2.1															
136	101	10.28	3910	2.4															
177	78	7.93*	3590	2.3															
222	62	6.31	3320	2.9															
255	54	5.48	3170	2.8															
311	44	4.50	2970	3.4															
374	37	3.74	2790	4.1															
52	265	17.33	5400	1.1	DRC03 MX100M6	39	DRC03 100B5/B14	100L6	40	DRCF03 100B5/B14	100L6	40							
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73	189	12.37	4820	1.4	DRCZ03 MX100M6	39	DRCZ03 100B5/B14	100L6	40										
88	157	10.28	4530	1.5															
113	121	7.93*	4160	1.5															
143	96	6.31	3850	1.9															
164	84	5.48	3670	1.8															
200	69	4.50	3440	2.2															
241	57	3.74	3230	2.6															

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	F_{r2} [N]	f_s		Page			Page				
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	32	432	28.30	8000	1.2		DRC05 MX100M6			DRC05 TAM100	100L6	46		
	41	333	21.78	7890	1.4		DRCF05 MX100M6			DRCF05 TAM100	100L6	46		
	52	265	17.33	7310	1.8		DRCZ05 MX100M6			DRCZ05 TAM100	100L6	46		
	60	230	15.06	6980	2.0		<i>Albero in uscita Ø 40</i> <i>Output shaft Ø 40</i>			<i>Albero in uscita Ø 40</i> <i>Output shaft Ø 40</i>	<i>Albero in uscita Ø 40</i> <i>Output shaft Ø 40</i>	<i>Albero in uscita Ø 40</i> <i>Output shaft Ø 40</i>		
	73	189	12.37	6540	2.4									
	88	157	10.28	6150	2.8									
	113	121	7.93*	5640	2.1									
	143	96	6.31	5220	2.7									
	164	84	5.48	4980	2.7									
	200	69	4.50	4660	3.3									
241	57	3.74	4390	3.5										
2.2	97	208	28.88*	3150	0.96	DRC02 MX90L2		36	DRC02 90B5/B14				90L2	37
	117	172	23.85*	2960	1.2	DRCF02 MX90L2		36	DRCF02 90B5/B14				90L2	37
	139	145	20.08*	2790	1.4	DRCZ02 MX90L2	36	DRCZ02 90B5/B14	90L2	37				
	189	107	14.81*	2520	1.9									
	212	95	13.21	2430	1.5									
	232	87	12.05	2350	2.3									
	282	72	9.93	2210	2.8									
	319	63	8.78	2120	1.9									
	379	53	7.39	2000	2.3									
	514	39	5.45	1810	2.5									
	632	32	4.43	1680	3.1									
	765	26	3.66	1580	3.0									
	64	315	43.75	5030	0.95					DRC03 MX90L2	39	DRC03 90B5/B14	90L2	40
	72	279	38.73	4830	1.1					DRCF03 MX90L2	39	DRCF03 90B5/B14	90L2	40
	81	249	34.62	4650	1.2					DRCZ03 MX90L2	39	DRCZ03 90B5/B14	90L2	40
	99	204	28.30	4350	1.5									
	129	157	21.78	3990	1.8									
	162	125	17.33	3690	2.2									
	186	108	15.06	3530	2.4									
	226	89	12.37	3300	2.9									
	272	74	10.28	3100	3.2									
	353	57	7.93*	2850	3.2									
	444	45	6.31	2640	4.0									
	511	39	5.48	2520	3.8									
	64	314	21.78	5020	0.89	DRC03 MX100M4	39	DRC03 100B5/B14	100LA4					40
	81	250	17.33	4660	1.1	DRCF03 MX100M4	39	DRCF03 100B5/B14	100LA4					40
	93	217	15.06	4440	1.2	DRCZ03 MX100M4	39	DRCZ03 100B5/B14	100LA4					40
	113	178	12.37	4160	1.5									
	136	148	10.28	3910	1.6									
	177	114	7.93*	3590	1.6									
	222	91	6.31	3320	2.0									
	255	79	5.48	3170	1.9									
	311	65	4.50	2970	2.3									
	374	54	3.74	2790	2.8									
	73	277	12.37	4820	0.94					DRC03 MX112M6	39	DRC03 112B5/B14	112M6	40
	88	230	10.28	4530	1.0	DRCF03 MX112M6	39	DRCF03 112B5/B14	112M6	40				
113	178	7.93*	4160	1.0	DRCZ03 MX112M6	39	DRCZ03 112B5/B14	112M6	40					
143	141	6.31	3850	1.3										
164	123	5.48	3670	1.2										
200	101	4.50	3440	1.5										
241	84	3.74	3230	1.8										
48	418	58.09	7500	1.2	DRC04 MX90L2	42	DRC04 90B5/B14	90L2	43					
56	360	50.02	7130	1.4	DRCF04 MX90L2	42	DRCF04 90B5/B14	90L2	43					
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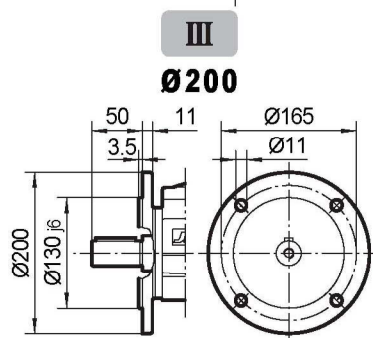
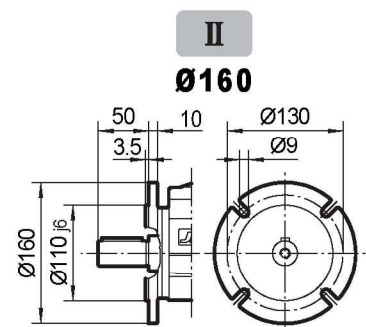
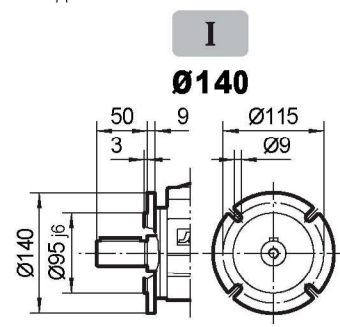
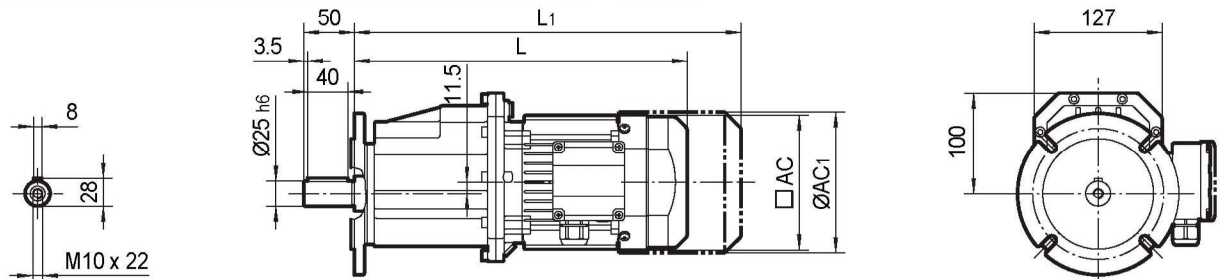
6.3 DRC..HS.. Performance parameter

M _{2max} [Nm]	n ₂ [r/min]	i	P _{1n} [kW]	n ₁ [r/min]	F _{r2}	F _{r1}		Page		
120	26.3	53.33	0.34	1400	2600	800	DRC01-HS	33		
120	30.5	45.89	0.40	1400	2600	800		DRCF01-HS	33	
120	34.9	40.10	0.46	1400	2600	800		DRCZ01-HS	33	
120	39.5	35.47	0.52	1400	2560	800				
120	49.1	28.50	0.64	1400	2380	800				
120	59.4	23.56	0.78	1400	2230	800				
120	70.6	19.83	0.92	1400	2100	800				
90	78.4	17.86	0.77	1400	2030	800				
120	95.8	14.62	1.25	1400	1900	800				
90	101	13.80	1.00	1400	1860	800				
120	118	11.90	1.54	1400	1770	800				
120	143	9.81	1.87	1400	1660	800				
80	153	9.17	1.33	1400	1630	800				
80	181	7.72	1.58	1400	1540	800				
70	246	5.69	1.88	1400	1390	800				
70	302	4.63	2.31	1400	1290	800				
70	366	3.82	2.80	1400	1210	800				
200	25.9	54.00	0.57	1400	4500	800		DRC02-HS	36	
200	30.1	46.46	0.66	1400	4500	800			DRCF02-HS	36
200	34.5	40.60	0.75	1400	4500	800			DRCZ02-HS	36
200	39.0	35.91	0.85	1400	4270	800				
200	48.5	28.88	1.06	1400	3970	800				
200	58.7	23.85	1.28	1400	3730	800				
200	69.7	20.08	1.52	1400	3520	800				
140	81.9	17.10	1.25	1400	3330	800				
200	94.5	14.81	2.06	1400	3180	800				
140	106	13.21	1.62	1400	3060	800				
200	116	12.05	2.53	1400	2970	800				
200	141	9.93	3.08	1400	2780	800				
120	159	8.78	2.09	1400	2670	800				
120	189	7.39	2.48	1400	2520	800				
100	257	5.45	2.80	1400	2280	800				
100	316	4.43	3.45	1400	2120	800				
80	383	3.66	3.34	1400	1990	800				
300	24.1	58.09	0.79	1400	6000	1200	DRC03-HS		39	
300	28.0	50.02	0.92	1400	6000	1200			DRCF03-HS	39
300	32.0	43.75	1.05	1400	6000	1200			DRCZ03-HS	39
300	36.1	38.73	1.18	1400	6000	1200				
300	40.4	34.62	1.32	1400	5860	1200				
300	49.5	28.30	1.62	1400	5480	1200				
280	64.3	21.78	1.96	1400	5020	1200				
280	81	17.33	2.47	1400	4660	1200				
260	93	15.06	2.64	1400	4440	1200				
260	113	12.37	3.21	1400	4160	1200				
240	136	10.28	3.57	1400	3910	1200				
180	177	7.93	3.47	1400	3590	1200				
180	222	6.31	4.36	1400	3320	1200				
150	255	5.48	4.18	1400	3170	1200				
150	311	4.50	5.09	1400	2970	1200				
150	374	3.74	6.12	1400	2790	1200				

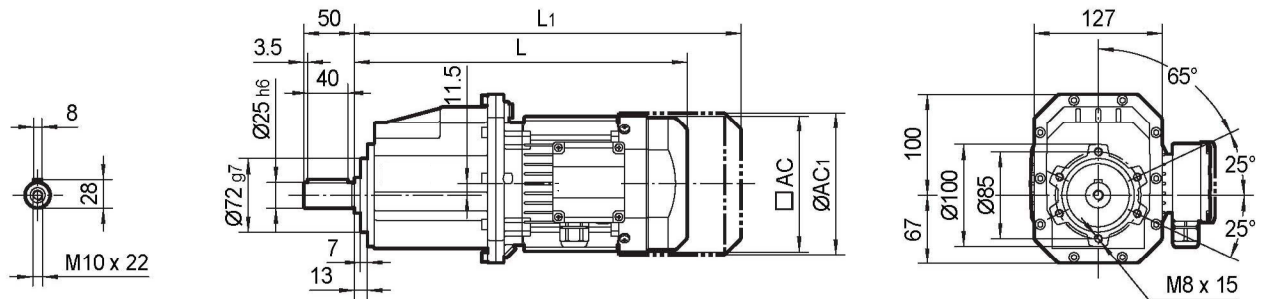
DRC02..MX..



DRCF02..MX..



DRCZ02..MX..

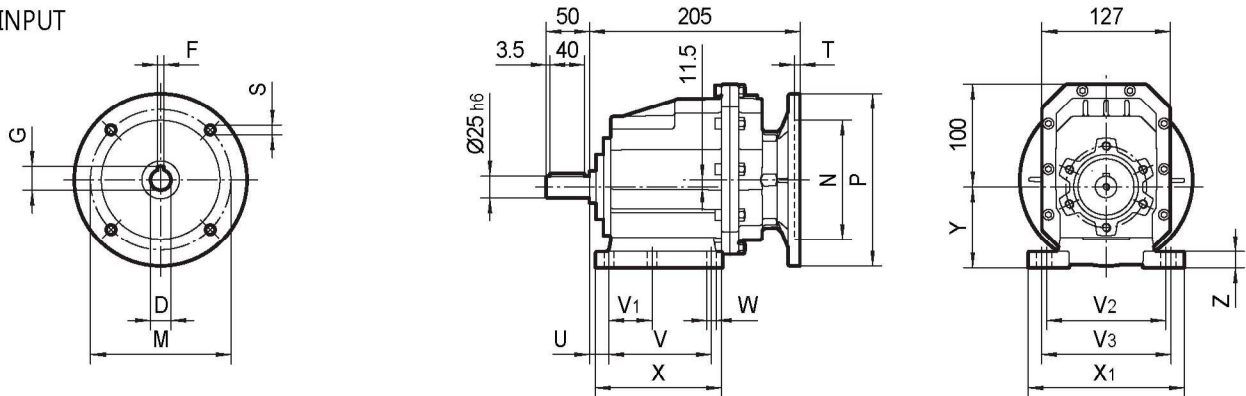


Motor Type	L	L1	AC	AC1	AD	AD1
MX63	315	370	132	132	105	105
MX71	330	394	134	148	122	127
MX80	365	429	134	148	122	127
MX90	396	481	182	203	154	161

Foot Code	U	V	V1	V2	V3	W	X	X1	Y	Z
PB	18	107.5	60	130	—	11	136	155	100	17
PM	25	85	—	110	120	9	112	145	80	15
PS	25	130	—	—	110	9	160	—	90	20

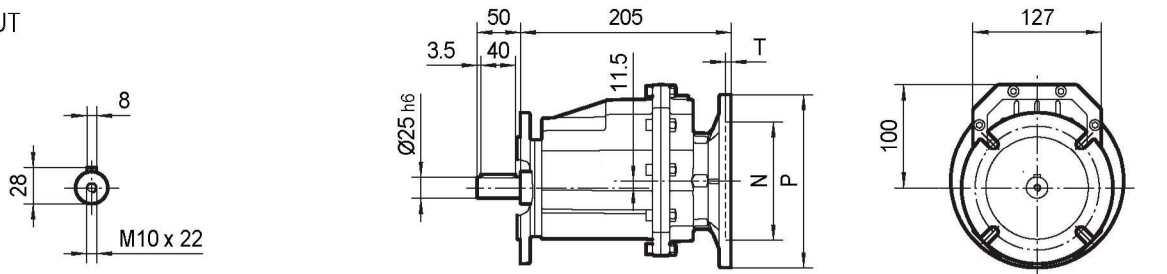
DRC02..P(IEC)

INPUT



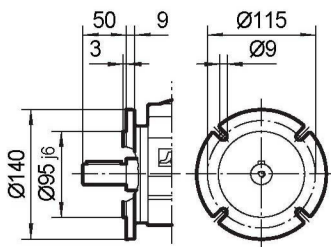
DRCF02..P(IEC)

OUTPUT



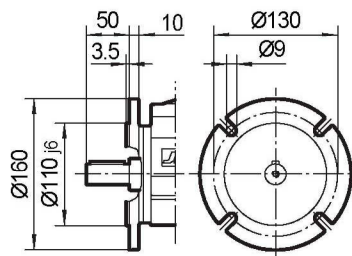
I

Ø140



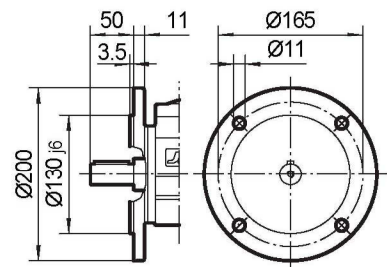
II

Ø160

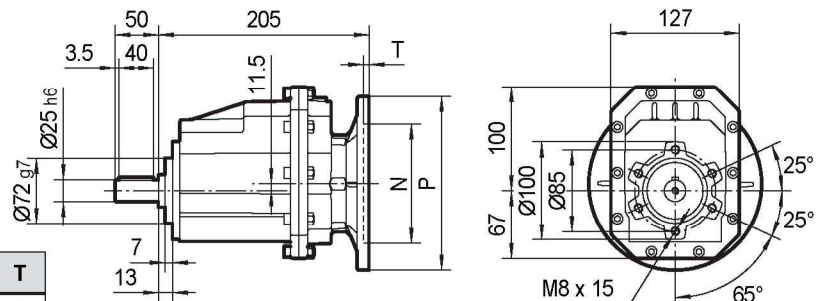


III

Ø200



DRCZ02..P(IEC)

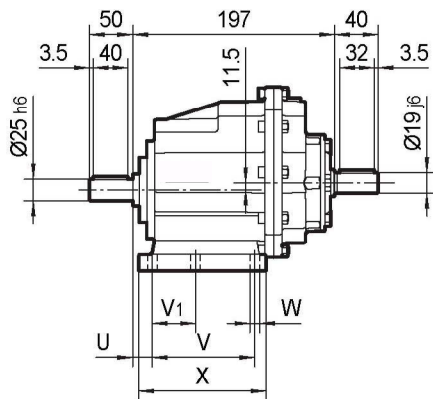
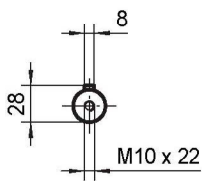


IEC	D _{E8}	F	G	P	M	N	S	T
P63B5	11	4	12.8	140	115	95	9	4
P71B5	14	5	16.3	160	130	110	9	4
P71B14	14	5	16.3	105	85	70	7	4
P80B5	19	6	21.8	200	165	130	11	4
P80B14	19	6	21.8	120	100	80	7	4
P90B5	24	8	27.3	200	165	130	11	4
P90B14	24	8	27.3	140	115	95	9	4

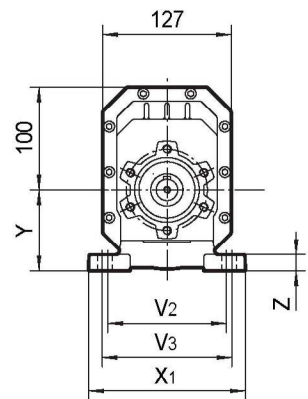
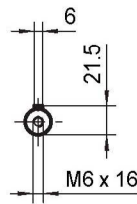
Foot Code	U	V	V ₁	V ₂	V ₃	W	X	X ₁	Y	Z
PB	18	107.5	60	130	—	11	136	155	100	17
PM	25	85	—	110	120	9	112	145	80	15
PS	25	130	—	—	110	9	160	—	90	20

DRC02..HS

OUTPUT

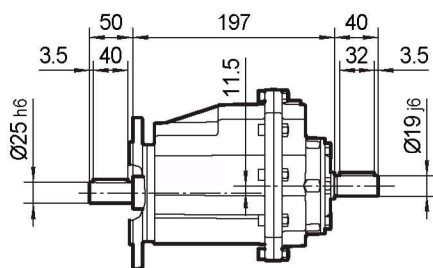
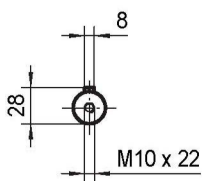


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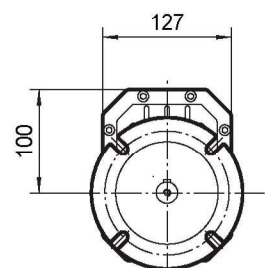
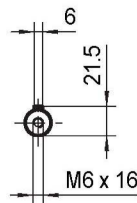


DRCF02..HS

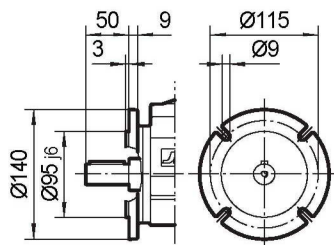
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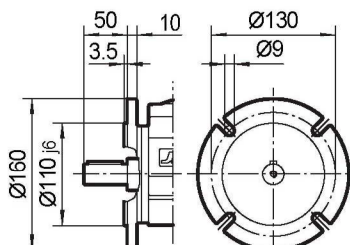
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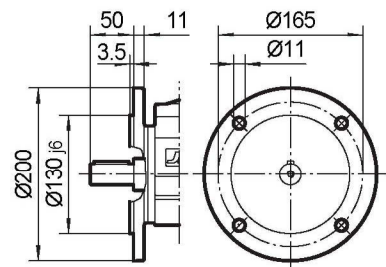
I
Ø140



II
Ø160

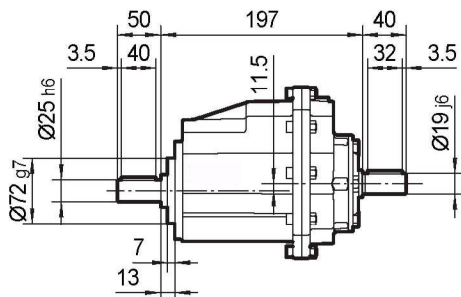
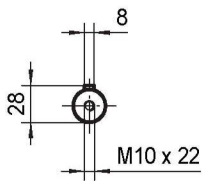


III
Ø200

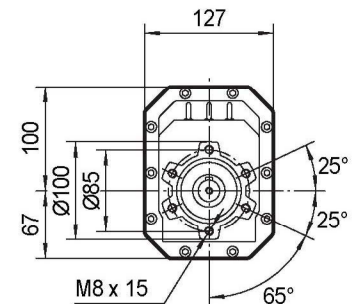
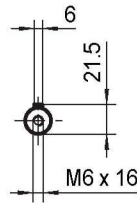


DRCZ02..HS

OUTPUT

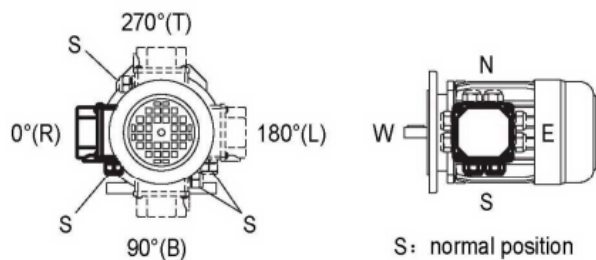
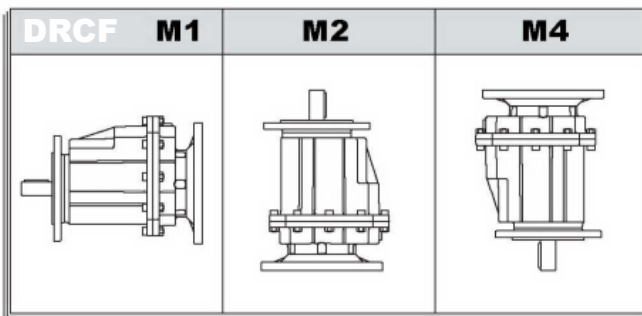
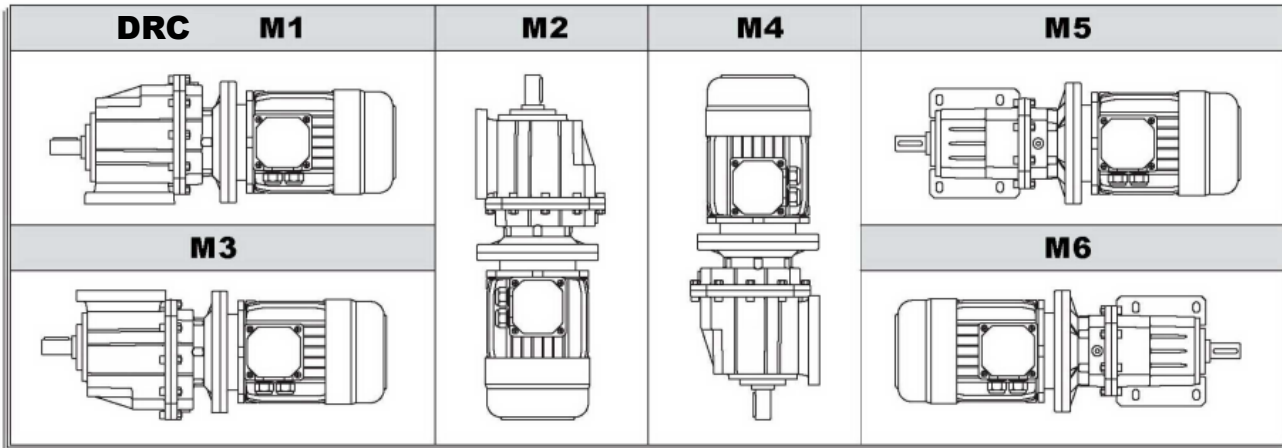


INPUT



Foot Code	U	V	V1	V2	V3	W	X	X1	Y	Z
PB	18	107.5	60	130	—	11	136	155	100	17
PM	25	85	—	110	120	9	112	145	80	15
PS	25	130	—	—	110	9	160	—	90	20

11. MOUNTING POSITION AND TERMINAL BOX ORIENTATION - POSIZIONI DI MONTAGGIO E DELLA MORSETTIERA



9. Quantità di lubrificante

9.1 Informazioni generali

Si raccomanda di osservare scrupolosamente le quantità di lubrificante. La quantità precisa varia a seconda della posizione di montaggio

Vi preghiamo indicare sempre in fase d'ordine anche la posizione di montaggio. Nel caso di variazione si prega variare la quantità di lubrificante a seconda della nuova posizione seguendo la tabella per la corretta quantità

9.2 Informazioni generali

Nella tabella sotto indicata sono riportati i lubrificanti consigliati. Vedere tabella sotto riportata

9. LUBRIFICANT

9.1 General information

Unless a special arrangement is made, we supply the drives with a lubricant fill adapted for the specific gear unit and mounting position. The decisive factor is the mounting position (M1.... M6) specified when ordering the drive. You must adapt the lubricant fill in case of any subsequent changes made to the mounting position (Lubricant fill quantities)

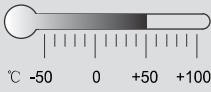




9.2 Anti-friction bearing greases

The lubricant table on the following page shows the permitted lubricants for our gear units. Please note the following key to the lubricant table:

	Temperature	Manufacture	Style	lubrication type
rolling bearing of gear box	-20°C ~ +60°C	Mobil	Mobilux EP 2	Mineral oil
	-40°C ~ +80°C	Mobil	Mobiltemp SHC 100	Synthetic oil
rolling bearing of gear motor	-20°C ~ +80°C	Esso	Unirex EQ3	Mineral oil
	-20°C ~ +60°C	Shell	Alvania RL3	Mineral oil
	-45°C ~ .25°C	Shell	Aero Shell Grease 16	Synthetic oil

11. LUBRIFICAZIONE / LUBRICATION

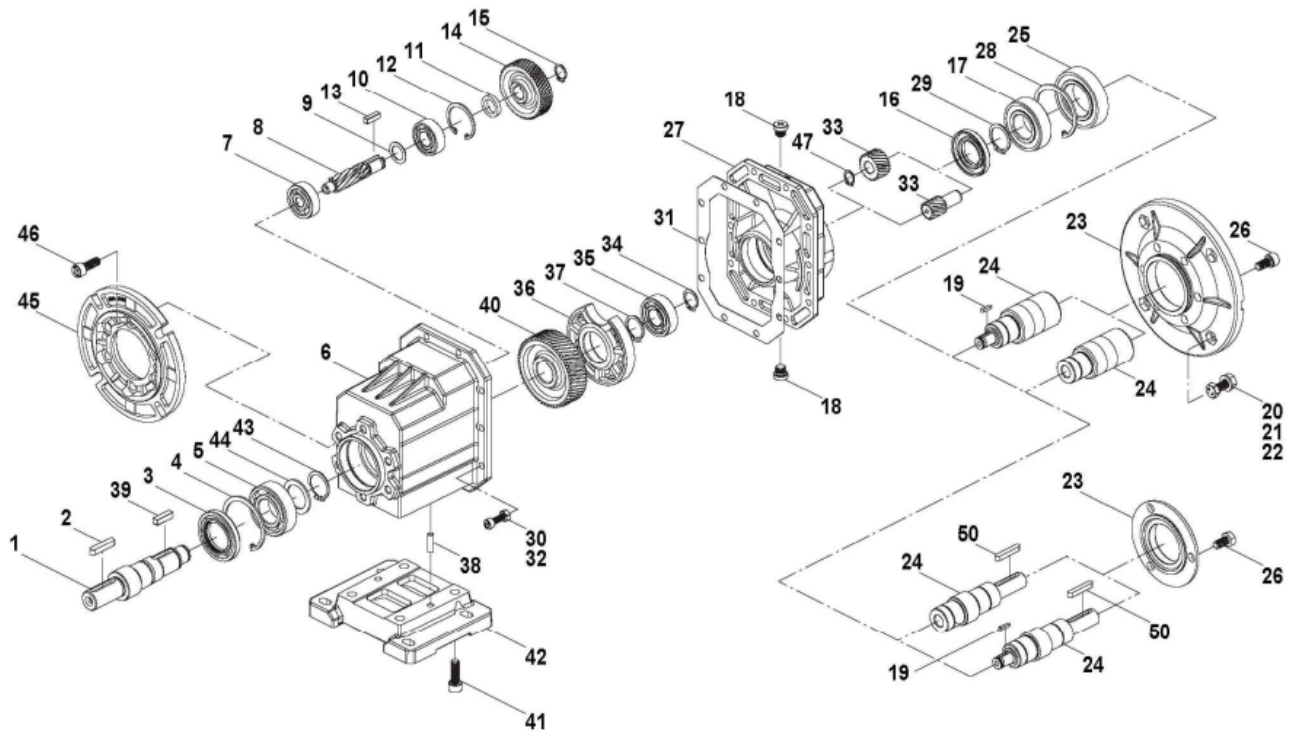
11.1 Tipi di lubrificanti / Types of lubrication

						tipi di lubrificante lubrication type
DRC	标准 Standard -10 +40	VG 220	Shell Omala 220	Mobilgear 630	BP Energol GR-XP 220	Olio Minerale Mineral oil
	-20 +25	VG 150 VG 100	Shell Omala 100	Mobilgear 627	BP Energol GR-XP 100	
	-30 +10	VG 68-46 VG 32	Shell Tellus T 32	Mobil D.T.E. 13M		
	-40 -20	VG 22 VG 15	Shell Tellus T 15	Mobil D.T.E. 11M	BP Energol HLP-HM 15	
	-40 +80	VG 220	Shell Omala HD 220	Mobil SHC 630		Olio sintetico Synthetic oil
	-40 +40	VG 150		Mobil SHC 629		
	-40 +10	VG 32		Mobil SHC 624		

DRC Quantità di lubrificante / Lubricant fill quantity

Gear units	Quantità di lubrificante in litri - Fill quantity in liters (L)					
	M1	M2	M3	M4	M5	M6
DRC..01..	0.4	0.6	0.4	0.3	0.3	0.3
DRC..02..	0.5	0.7	0.5	0.4	0.4	0.4
DRC..03..	0.8	1.1	0.8	0.6	0.6	0.6
DRC..04..	1.2	1.6	1.0	1.0	0.9	0.9
DRC..05..	1.2	1.6	1.0	1.0	0.9	0.9

Basic structure - Esploso prodotto



1	Output shaft / Albero in uscita	17	Bearing / Cuscinetto	33	Pinion / Pignone
2	Key / Chiavetta	18	Oil plug / Tappo dell'olio	34	Shaft circlip / Seeger
3	Oil seal / Anello di tenuta	19	Key / Chiavetta	35	Bearing / Cuscinetto
4	Hole circlip / Seeger	20	Hex head bolt / Vite	36	Support seat / Supporto
5	Bearing / Cuscinetto	21	Washer / Vite	37	Shaft circlip / Seeger
6	Gear box / Carcassa	22	Hex nut / testa vite	38	Cylindrical pin / Perno cilindrico
7	Bearing / Cuscinetto	23	Input flange / Flangia in ingresso	39	Key / Chiavetta
8	Pinion shaft / Albero pignone	24	Input shaft / Albero in ingresso	40	Gear / Ruota
9	Anello di tenuta / Oil seal	25	Bearing / Cuscinetto	41	Socket head cap screw / Testa vite
10	Bearing / Cuscinetto	26	Socket head cap screw / Testa vite	42	Foot / Piedi
11	Spacer ring / Anello	27	Input cover / Coperchio in ingresso	43	Shaft circlip / Seeger
12	Hole circlip / Seeger	28	Hole circlip / Seeger	44	Washer / Vite
13	Key / Chiavetta	29	Shaft circlip / Seeger	45	Output flange / Flangia in uscita
14	Gear / Ruota	30	Hex nut / testa vite	46	Hex socket screws / Vite a brugola esagonale
15	Shaft circlip / Seeger	31	Housing gasket / Guarnizione	47	Shaft circlip / Seeger
16	Oil seal / Anello di tenuta	32	Socket head cap screw / Testa vite	50	Key / Chiavetta