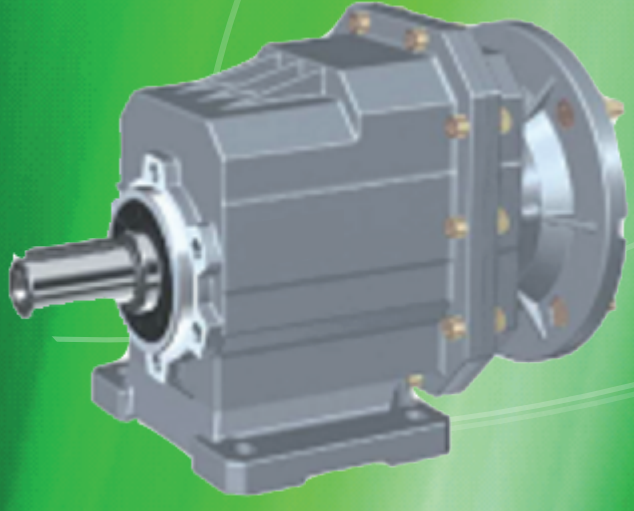
- SERIE DRC -
Riduttori Coassiali
Coaxial Gearboxes

ELLE.GI SRL
Organi di Trasmissione



DRC03..

n_1=1400 r/min

300Nm

n_2 [r/min]	M_2max [Nm]	Fr_2 [N]	i		MX71.. 71B5/B14	MX80.. 80B5/B14	MX90.. 90B5/B14	MX100.. 100B5/B14	MX112.. 112B5/B14
24	300	6000	58.09	639 / 11					
28	300	6000	50.02	2201 / 44					
32	300	6000	43.75	4331 / 99					
36	300	6000	38.73	426 / 11					
40	300	5860	34.62	4189 / 121					
49	300	5480	28.30	4047 / 143					
64	280	5020	21.78	1917 / 88					
81	280	4660	17.33	3621 / 209					
93	260	4440	15.06 *	497 / 33					
113	260	4160	12.37	1633 / 132					
136	240	3910	10.28	3053 / 297					
177	180	3590	7.93	1269 / 160					
222	180	3320	6.31 *	2397 / 380					
255	150	3170	5.48	329 / 60					
311	150	2970	4.50 *	1081 / 240					
374	150	2790	3.74 *	2021 / 540					

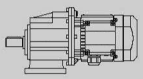
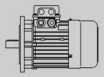
DRC04..

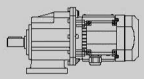
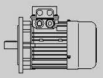
n_1=1400 r/min

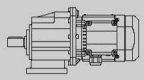
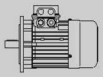
500Nm

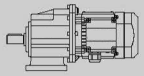
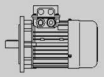
n_2 [r/min]	M_2max [Nm]	Fr_2 [N]	i		MX80.. 80B5/B14	MX90.. 90B5/B14	MX100.. 100B5/B14	MX112.. 112B5/B14
24	500	8000	58.09	639 / 11				
28	500	8000	50.02	2201 / 44				
32	500	8000	43.75	4331 / 99				
36	500	8000	38.73	426 / 11				
40	500	7950	34.62	4189 / 121				
49	500	7430	28.30	4047 / 143				
64	480	6810	21.78	1917 / 88				
81	480	6310	17.33	3621 / 209				
93	460	6020	15.06 *	497 / 33				
113	460	5640	12.37	1633 / 132				
136	440	5300	10.28	3053 / 297				
177	260	4860	7.93	1269 / 160				
222	260	4510	6.31 *	2397 / 380				
255	230	4300	5.48	329 / 60				
311	230	4030	4.50 *	1081 / 240				
374	200	3780	3.74 *	2021 / 540				

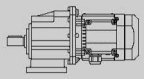
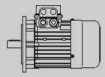
* Solo su richiesta - *Only on request*

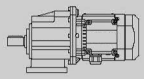
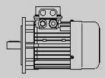
P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	F_{r2} [N]	fs		Page	 	Page
0.37	26	129	53.33	2600	0.93	**DRC01 MX71D4**	33	**DRC01 71B5/B14 7124**	34
	31	111	45.89	2600	1.1	**DRCF01 MX71D4**	33	**DRCF01 71B5/B14 7124**	34
	35	97	40.10	2600	1.2	**DRCZ01 MX71D4**	33	**DRCZ01 71B5/B14 7124**	34
	39	86	35.47	2560	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				

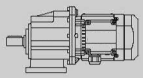
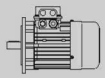
P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	F_{r2} [N]	fs		Page	 	Page
0.55	24	209	58.09	6000	1.4	**DRC03 MX80K4**	39	**DRC03 80B5/B14 8014**	40
	28	180	50.02	6000	1.7	**DRCF03 MX80K4**	39	**DRCF03 80B5/B14 8014**	40
	32	158	43.75	6000	1.9	**DRCZ03 MX80K4**	39	**DRCZ03 80B5/B14 8014**	40
	36	139	38.73	6000	2.2				
	40	125	34.62	5860	2.4				
	49	102	28.30	5480	2.9				
	64	78	21.78	5020	3.6				
	81	62	17.33	4660	4.5				
	15.5	325	58.09	6000	0.92	**DRC03 MX80N6**	39	**DRC03 80B5/B14 8026**	40
	18.0	280	50.02	6000	1.1	**DRCF03 MX80N6**	39	**DRCF03 80B5/B14 8026**	40
	21	245	43.75	6000	1.2	**DRCZ03 MX80N6**	39	**DRCZ03 80B5/B14 8026**	40
	23	217	38.73	6000	1.4				
	26	194	34.62	6000	1.5				
	32	159	28.30	6000	1.9				
	41	122	21.78	5820	2.3				
	52	97	17.33	5400	2.9				
	60	84	15.06	5150	3.1				
	73	69	12.37	4820	3.8				
	24	209	58.09	8000	2.4	**DRC04 MX80K4**	42	**DRC04 80B5/B14 8014**	43
	28	180	50.02	8000	2.8	**DRCF04 MX80K4**	42	**DRCF04 80B5/B14 8014**	43
	32	158	43.75	8000	3.2	**DRCZ04 MX80K4**	42	**DRCZ04 80B5/B14 8014**	43
	36	139	38.73	8000	3.6				
	40	125	34.62	7950	4.0				
	15.5	325	58.09	8000	1.5	**DRC04 MX80N6**	42	**DRC04 80B5/B14 8026**	43
	18.0	280	50.02	8000	1.8	**DRCF04 MX80N6**	42	**DRCF04 80B5/B14 8026**	43
	21	245	43.75	8000	2.0	**DRCZ04 MX80N6**	42	**DRCZ04 80B5/B14 8026**	43
	23	217	38.73	8000	2.3				
	26	194	34.62	8000	2.6				
	32	159	28.30	8000	3.2				
	41	122	21.78	7890	3.9				
0.75	61	113	45.89	2210	1.1	**DRC01 MX80K2**	33	**DRC01 80B5/B14 8012**	34
	70	98	40.10	2110	1.2	**DRCF01 MX80K2**	33	**DRCF01 80B5/B14 8012**	34
	79	87	35.47	2030	1.4	**DRCZ01 MX80K2**	33	**DRCZ01 80B5/B14 8012**	34
	98	70	28.50	1880	1.7				
	119	58	23.56	1770	2.1				
	141	49	19.83	1670	2.5				
	157	44	17.86	1610	2.1				
	192	36	14.62	1510	3.3				
	203	34	13.80*	1480	2.7				
	59	116	23.56	2230	1.0	**DRC01 MX80N4**	33	**DRC01 80B5/B14 8024**	34
	71	97	19.83	2100	1.2	**DRCF01 MX80N4**	33	**DRCF01 80B5/B14 8024**	34
	78	88	17.86	2030	1.0	**DRCZ01 MX80N4**	33	**DRCZ01 80B5/B14 8024**	34
	96	72	14.62	1900	1.7				
	101	68	13.80*	1860	1.3				
	118	58	11.90	1770	2.1				
	143	48	9.81	1660	2.5				
	153	45	9.17	1630	1.8				
	181	38	7.72	1540	2.1				
	246	28	5.69	1390	2.5				
	302	23	4.63	1290	3.1				
	366	18.8	3.82	1210	3.7				
	62	112	14.62	2200	1.1	**DRC01 MX90S6**	33	**DRC01 90B5/B14 90S6**	34
	76	91	11.90	2060	1.3	**DRCF01 MX90S6**	33	**DRCF01 90B5/B14 90S6**	34
	92	75	9.81	1930	1.6	**DRCZ01 MX90S6**	33	**DRCZ01 90B5/B14 90S6**	34
	98	70	9.17	1890	1.1				

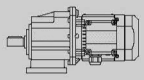
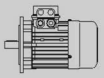
P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	F_{r2} [N]	fs		Page	 	Page
0.75	117	59	7.72	1780	1.4	**DRC01 MX90S6**	33	**DRC01 90B5/B14 90S6**	34
	158	43	5.69	1610	1.6	**DRCF01 MX90S6**	33	**DRCF01 90B5/B14 90S6**	34
	194	35	4.63	1500	2.0	**DRCZ01 MX90S6**	33	**DRCZ01 90B5/B14 90S6**	34
	236	29	3.82	1410	2.4				
	52	133	54.00*	3880	1.5	**DRC02 MX80K2**	36	**DRC02 80B5/B14 8012**	37
	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
	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
	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
	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
	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
	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				

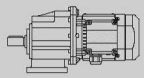
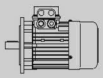
P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	F_{r2} [N]	fs		Page	 	Page
0.75	73	95	12.37	4820	2.8	**DRC03 MX90S6**	39	**DRC03 90B5/B14 90S6**	40
	88	79	10.28	4530	3.1	**DRCF03 MX90S6**	39	**DRCF03 90B5/B14 90S6**	40
	113	61	7.93*	4160	3.0	**DRCZ03 MX90S6**	39	**DRCZ03 90B5/B14 90S6**	40
	143	48	6.31	3850	3.7				
	164	42	5.48	3670	3.6				
	24	285	58.09	8000	1.8	**DRC04 MX80N4**	42	**DRC04 80B5/B14 8024**	43
	28	246	50.02	8000	2.0	**DRCF04 MX80N4**	42	**DRCF04 80B5/B14 8024**	43
	32	215	43.75	8000	2.3	**DRCZ04 MX80N4**	42	**DRCZ04 80B5/B14 8024**	43
	36	190	38.73	8000	2.6				
	40	170	34.62	7950	2.9				
	49	139	28.30	7430	3.6				
	64	107	21.78	6810	4.5				
	15.5	444	58.09	8000	1.1	**DRC04 MX90S6**	42	**DRC04 90B5/B14 90S6**	43
	18.0	382	50.02	8000	1.3	**DRCF04 MX90S6**	42	**DRCF04 90B5/B14 90S6**	43
	21	334	43.75	8000	1.5	**DRCZ04 MX90S6**	42	**DRCZ04 90B5/B14 90S6**	43
	23	296	38.73	8000	1.7				
	26	264	34.62	8000	1.9				
	32	216	28.30	8000	2.3				
	41	166	21.78	7890	2.9				
	52	132	17.33	7310	3.6				
1.1	98	103	28.50	1880	1.2	**DRC01 MX80N2**	33	**DRC01 80B5/B14 8022**	34
	119	85	23.56	1770	1.4	**DRCF01 MX80N2**	33	**DRCF01 80B5/B14 8022**	34
	141	71	19.83	1670	1.7	**DRCZ01 MX80N2**	33	**DRCZ01 80B5/B14 8022**	34
	157	64	17.86	1610	1.4				
	192	53	14.62	1510	2.3				
	203	50	13.80*	1480	1.8				
	235	43	11.90	1410	2.8				
	285	35	9.81	1320	3.4				
	305	33	9.17	1290	2.4				
	363	28	7.72	1220	2.9				
	492	20	5.69	1100	3.4				
	605	16.7	4.63	1030	4.2				
	733	13.8	3.82	960	5.1				
	96	105	14.62	1900	1.1	**DRC01 MX90S4**	33	**DRC01 90B5/B14 90S4**	34
	118	86	11.90	1770	1.4	**DRCF01 MX90S4**	33	**DRCF01 90B5/B14 90S4**	34
	143	71	9.81	1660	1.7	**DRCZ01 MX90S4**	33	**DRCZ01 90B5/B14 90S4**	34
	153	66	9.17	1630	1.2				
	181	56	7.72	1540	1.4				
	246	41	5.69	1390	1.7				
	302	33	4.63	1290	2.1				
	366	28	3.82	1210	2.5				
	92	110	9.81	1930	1.1	**DRC01 MX90L6**	33	**DRC01 90B5/B14 90L6**	34
	117	87	7.72	1780	0.92	**DRCF01 MX90L6**	33	**DRCF01 90B5/B14 90L6**	34
	158	64	5.69	1610	1.1	**DRCZ01 MX90L6**	33	**DRCZ01 90B5/B14 90L6**	34
	194	52	4.63	1500	1.3				
	236	43	3.82	1410	1.6				
	52	194	54.00*	3880	1.0	**DRC02 MX80N2**	36	**DRC02 80B5/B14 8022**	37
	60	167	46.46*	3690	1.2	**DRCF02 MX80N2**	36	**DRCF02 80B5/B14 8022**	37
	69	146	40.60*	3530	1.4	**DRCZ02 MX80N2**	36	**DRCZ02 80B5/B14 8022**	37
	78	129	35.91*	3390	1.5				
	97	104	28.88*	3150	1.9				
	117	86	23.85*	2960	2.3				
	139	72	20.08*	2790	2.8				
	164	62	17.10	2650	2.3				
	189	53	14.81*	2520	3.7				
	212	48	13.21	2430	2.9				

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	F_{r2} [N]	fs		Page	 	Page
1.1	48	208	28.88*	3970	0.96	**DRC02 MX90S4**	36	**DRC02 90B5/B14 90S4**	37
	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**	43
	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
	72	139	38.73	6550	3.6				
	81	125	34.62	6310	4.0				

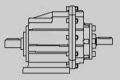
P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	F_{r2} [N]	fs		Page	 	Page
1.5	118	117	11.90	1770	1.0	**DRC01 MX90L4**	33	**DRC01 90B5/B14 90L4**	34
	143	96	9.81	1660	1.2	**DRCF01 MX90L4**	33	**DRCF01 90B5/B14 90L4**	34
	153	90	9.17	1630	0.89	**DRCZ01 MX90L4**	33	**DRCZ01 90B5/B14 90L4**	34
	181	76	7.72	1540	1.1				
	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
	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
	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
	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				
	129	107	21.78	3990	2.6				
	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
	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
	60	230	15.06	5150	1.1	**DRCF03 MX100M6**	39	**DRCF03 100B5/B14 100L6**	40
	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]	fs		Page	 	Page
1.5	26	529	34.62	8000	0.95	**DRC05 MX100M6**	45	**DRC05 TAM100 100L6**	46
	32	432	28.30	8000	1.2	**DRCF05 MX100M6**	45	**DRCF05 TAM100 100L6**	46
	41	333	21.78	7890	1.4	**DRCZ05 MX100M6**	45	**DRCZ05 TAM100 100L6**	46
	52	265	17.33	7310	1.8				
	60	230	15.06	6980	2.0	***Albero in uscita Ø 40***		***Albero in uscita Ø 40***	
	73	189	12.37	6540	2.4	*Ouput shaft Ø 40*		*Ouput shaft Ø 40*	
	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
	64	315	43.75	6820	1.6	**DRCZ04 MX90L2**	42	**DRCZ04 90B5/B14 90L2**	43

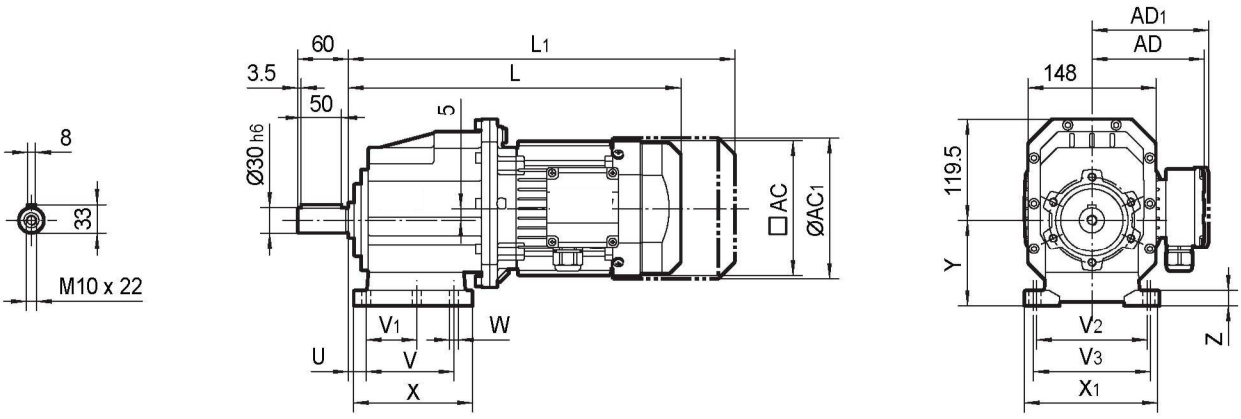
P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	F_{r2} [N]	fs		Page	 	Page
3.0	99	278	28.30	4350	1.1	**DRC03 MX100M2**	39	**DRC03 100B5/B14 100L2**	40
	129	214	21.78	3990	1.3	**DRCF03 MX100M2**	39	**DRCF03 100B5/B14 100L2**	40
	162	170	17.33	3690	1.6	**DRCZ03 MX100M2**	39	**DRCZ03 100B5/B14 100L2**	40
	186	148	15.06	3530	1.8				
	226	122	12.37	3300	2.1				
	272	101	10.28	3100	2.4				
	353	78	7.93*	2850	2.3				
	444	62	6.31	2640	2.9				
	511	54	5.48	2520	2.8				
	622	44	4.50	2350	3.4				
	749	37	3.74	2210	4.1				
	93	296	15.06	4440	0.88	**DRC03 MX100L4**	39	**DRC03 100B5/B14 100LB4**	40
	113	243	12.37	4160	1.1	**DRCF03 MX100L4**	39	**DRCF03 100B5/B14 100LB4**	40
	136	202	10.28	3910	1.2	**DRCZ03 MX100L4**	39	**DRCZ03 100B5/B14 100LB4**	40
	177	156	7.93*	3590	1.2				
	222	124	6.31	3320	1.5				
	255	108	5.48	3170	1.4				
	311	88	4.50	2970	1.7				
	374	73	3.74	2790	2.0				
	81	340	34.62	6310	1.5	**DRC04 MX100M2**	42	**DRC04 100B5/B14 100L2**	43
	99	278	28.30	5900	1.8	**DRCF04 MX100M2**	42	**DRCF04 100B5/B14 100L2**	43
	129	214	21.78	5410	2.2	**DRCZ04 MX100M2**	42	**DRCZ04 100B5/B14 100L2**	43
	162	170	17.33	5010	2.8				
	186	148	15.06	4780	3.1				
	226	122	12.37	4480	3.8				
	272	101	10.28	4210	4.4				
	353	78	7.93*	3860	3.3				
	444	62	6.31	3580	4.2				

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	F_{r2} [N]	fs		Page	 	Page
4.0	162	227	17.33	3690	1.2	**DRC03 MX112M2**	39	**DRC03 112B5/B14 112M2**	40
	186	197	15.06	3530	1.3	**DRCF03 MX112M2**	39	**DRCF03 112B5/B14 112M2**	40
	226	162	12.37	3300	1.6	**DRCZ03 MX112M2**	39	**DRCZ03 112B5/B14 112M2**	40
	272	135	10.28	3100	1.8				
	353	104	7.93*	2850	1.7				
	444	83	6.31	2640	2.2				
	511	72	5.48	2520	2.1				
	622	59	4.50	2350	2.5				
	749	49	3.74	2210	3.1				
	136	269	10.28	3910	0.89	**DRC03 MX112M4**	39	**DRC03 112B5/B14 112M4**	40
	177	208	7.93*	3590	0.87	**DRCF03 MX112M4**	39	**DRCF03 112B5/B14 112M4**	40
	222	165	6.31	3320	1.1	**DRCZ03 MX112M4**	39	**DRCZ03 112B5/B14 112M4**	40
	255	144	5.48	3170	1.0				
	311	118	4.50	2970	1.3				
	374	98	3.74	2790	1.5				
	81	453	34.62	6310	1.1	**DRC04 MX112M2**	42	**DRC04 112B5/B14 112M2**	43
	99	371	28.30	5900	1.3	**DRCF04 MX112M2**	42	**DRCF04 112B5/B14 112M2**	43
	129	285	21.78	5410	1.7	**DRCZ04 MX112M2**	42	**DRCZ04 112B5/B14 112M2**	43
	162	227	17.33	5010	2.1				
	186	197	15.06	4780	2.3				
	226	162	12.37	4480	2.8				
	272	135	10.28	4210	3.3				
	353	104	7.93*	3860	2.5				
	444	83	6.31	3580	3.1				
	511	72	5.48	3410	3.2				
	622	59	4.50	3190	3.9				
	749	49	3.74	3000	4.1				
	81	454	17.33	6310	1.1	**DRC04 MX112M4**	42	**DRC04 112B5/B14 112M4**	43
	93	394	15.06	6020	1.2	**DRCF04 MX112M4**	42	**DRCF04 112B5/B14 112M4**	43
	113	324	12.37	5640	1.4	**DRCZ04 MX112M4**	42	**DRCZ04 112B5/B14 112M4**	43
	136	269	10.28	5300	1.6				
	177	208	7.93*	4860	1.3				
	222	165	6.31	4510	1.6				
	255	144	5.48	4300	1.6				
	311	118	4.50	4030	2.0				
	374	98	3.74	3780	2.0				

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		

DRC03..MX..



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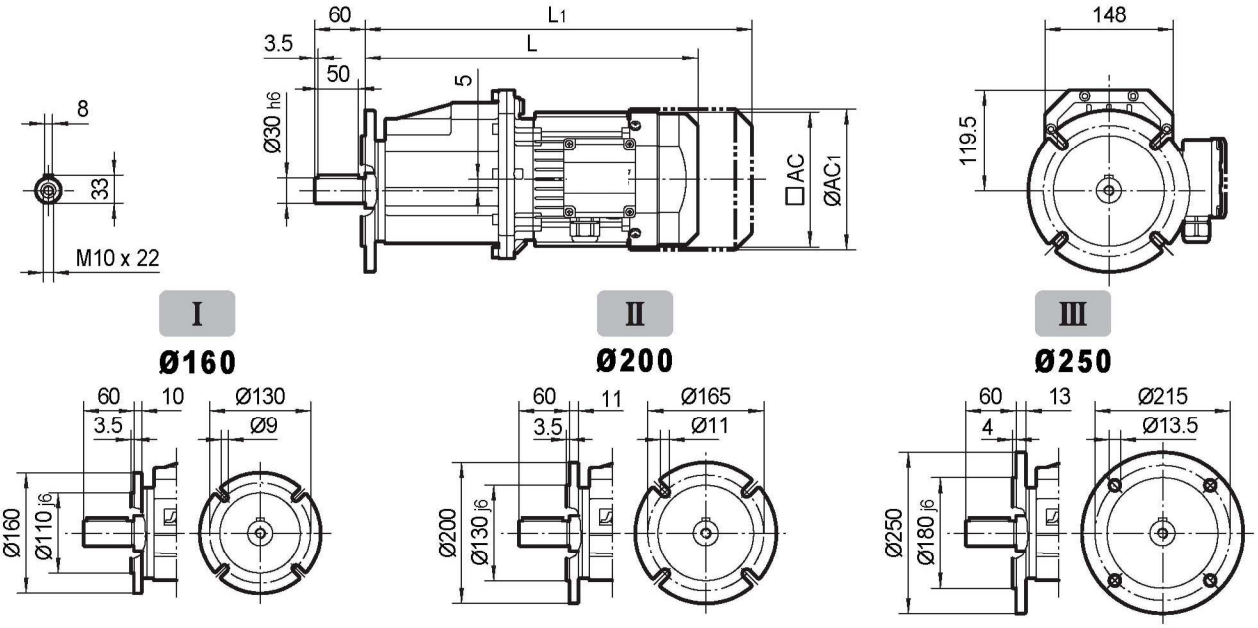

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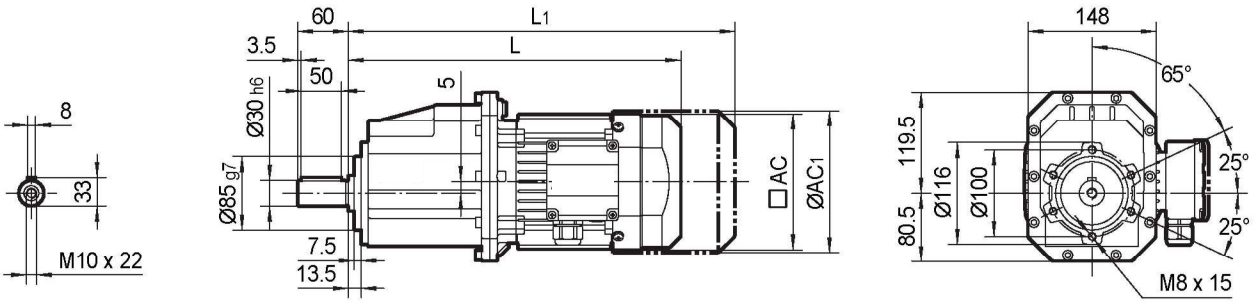

Motor Type	L	L1	AC	AC1	AD	AD1
MX71	345	409	134	148	122	127
MX80	380	444	134	148	122	127
MX90	411	496	182	203	154	161
MX100M	451	536	182	203	154	161
MX100L	481	566	182	203	154	161
MX112	492	572	206	221	179	182

Foot Code	U	V	V1	V2	V3	W	X	X1	Y	Z
PB	18	130	70	160	—	11	156	190	110	20
PM	30	100	—	135	150	11	150	190	110	18
PS	30	165	—	—	135	14	195	—	115	20

DRC03..P(IEC)

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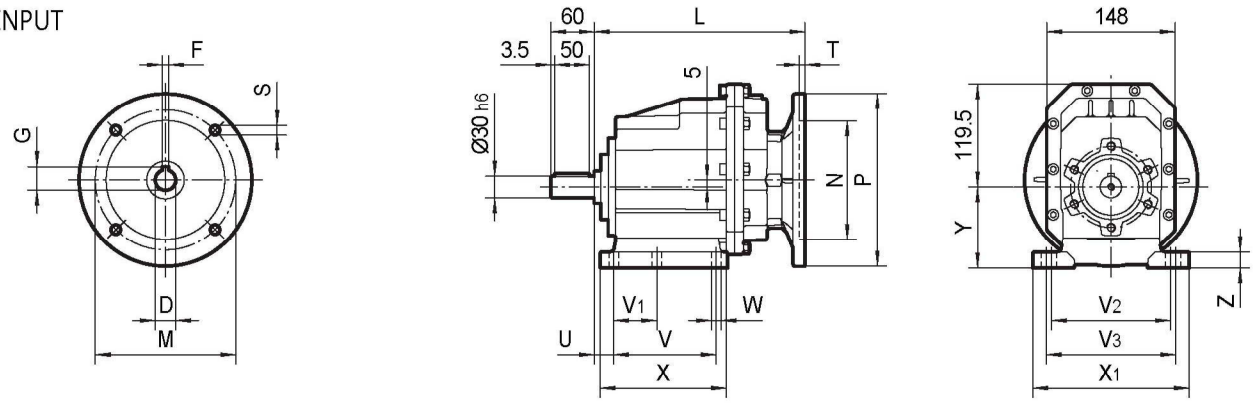

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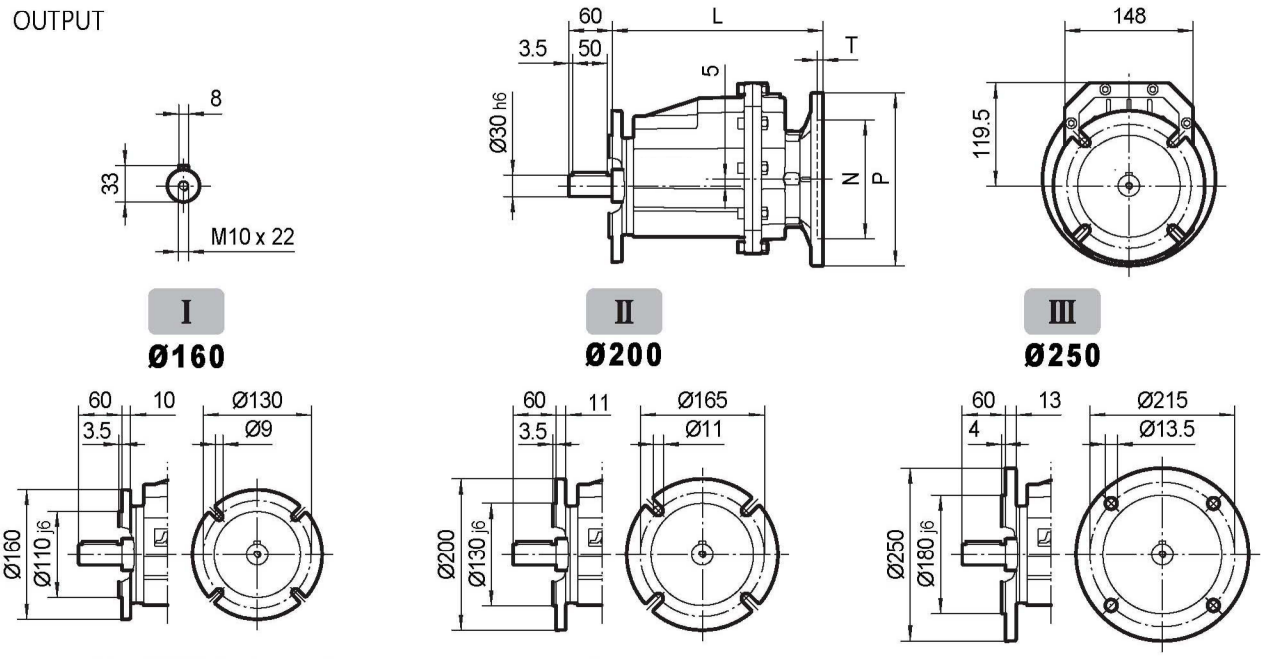

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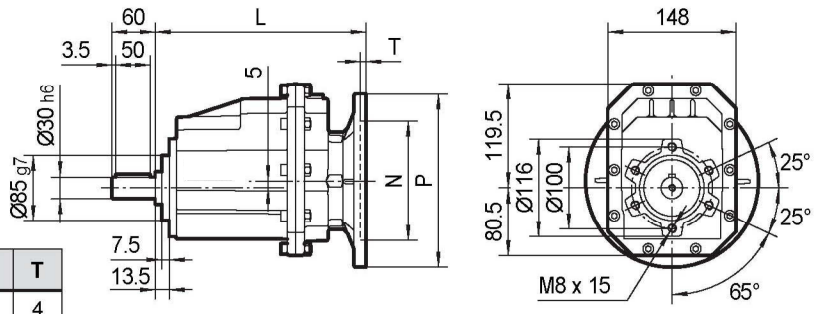
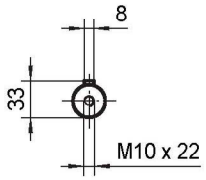


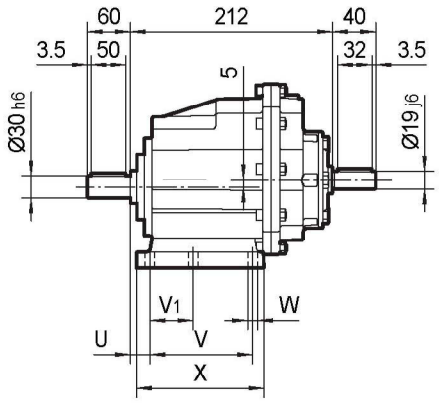
IEC	D_{E8}	F	G	P	L	M	N	S	T
P71B5	14	5	16.3	160	220	130	110	9	4
P80B5	19	6	21.8	200	220	165	130	11	4
P80B14	19	6	21.8	120	220	100	80	7	4
P90B5	24	8	27.3	200	220	165	130	11	4
P90B14	24	8	27.3	140	220	115	95	9	4
P100/112B5	28	8	31.3	250	237	215	180	13.5	4.5
P100/112B14	28	8	31.3	160	237	130	110	9	4.5

Foot Code	U	V	V_1	V_2	V_3	W	X	X_1	Y	Z
PB	18	130	70	160	—	11	156	190	110	20
PM	30	100	—	135	150	11	150	190	110	18
PS	30	165	—	—	135	14	195	—	115	20

DRC03..HS

OUTPUT





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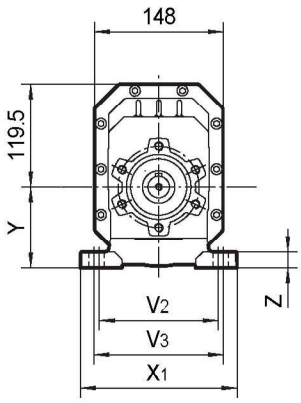

DRCF03..HS

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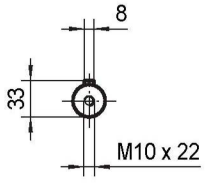

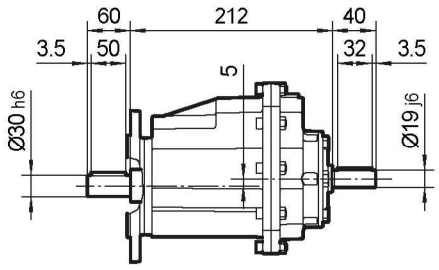

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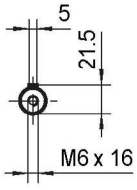
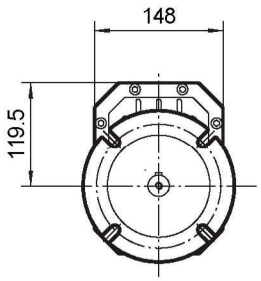
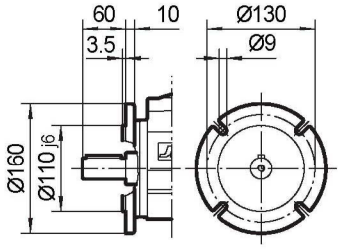
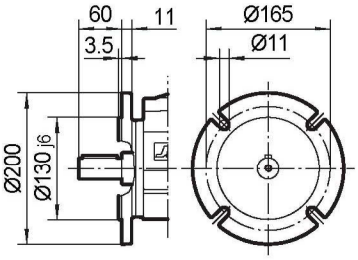




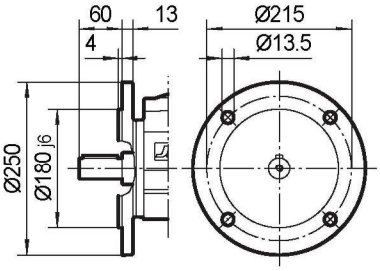
I **Ø160**



II **Ø200**

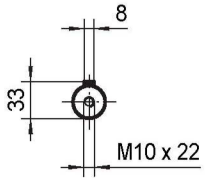


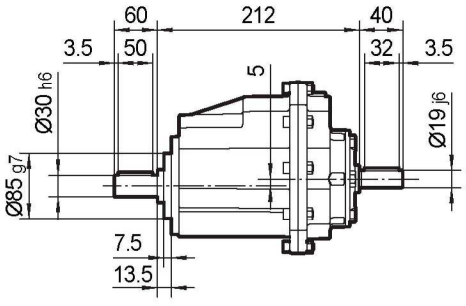
III **Ø250**



DRCZ03..HS

OUTPUT





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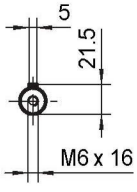
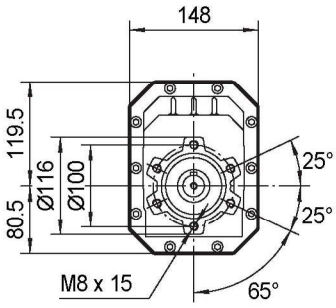
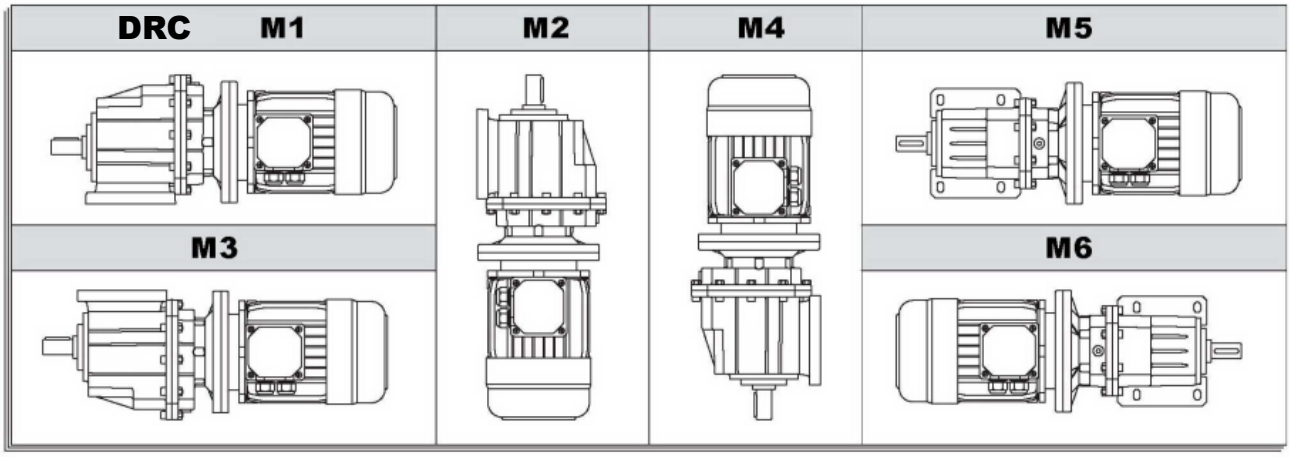
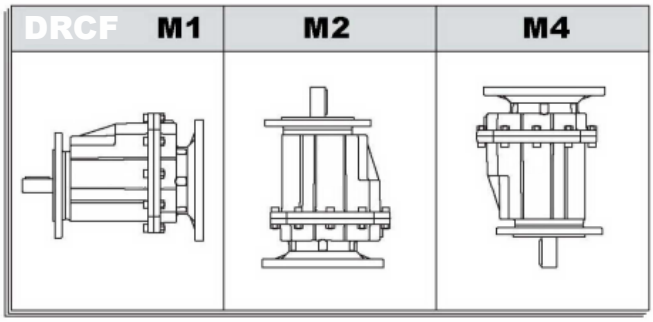


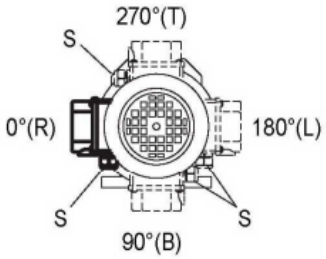


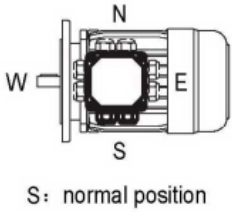
Foot Code	U	V	V1	V2	V3	W	X	X1	Y	Z
PB	18	130	70	160	—	11	156	190	110	20
PM	30	100	—	135	150	11	150	190	110	18
PS	30	165	—	—	135	14	195	—	115	20

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 lubrificant fill adpted 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 lubrificant fill in case of any subsequent changes made to the mounting position (Lubrificant fill quantities)

9.2 Anti-friction bearing greases

The lubrificant table on the following page shows the permitted lubrificants for our gear units. Please note the following key to the lubrificant 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

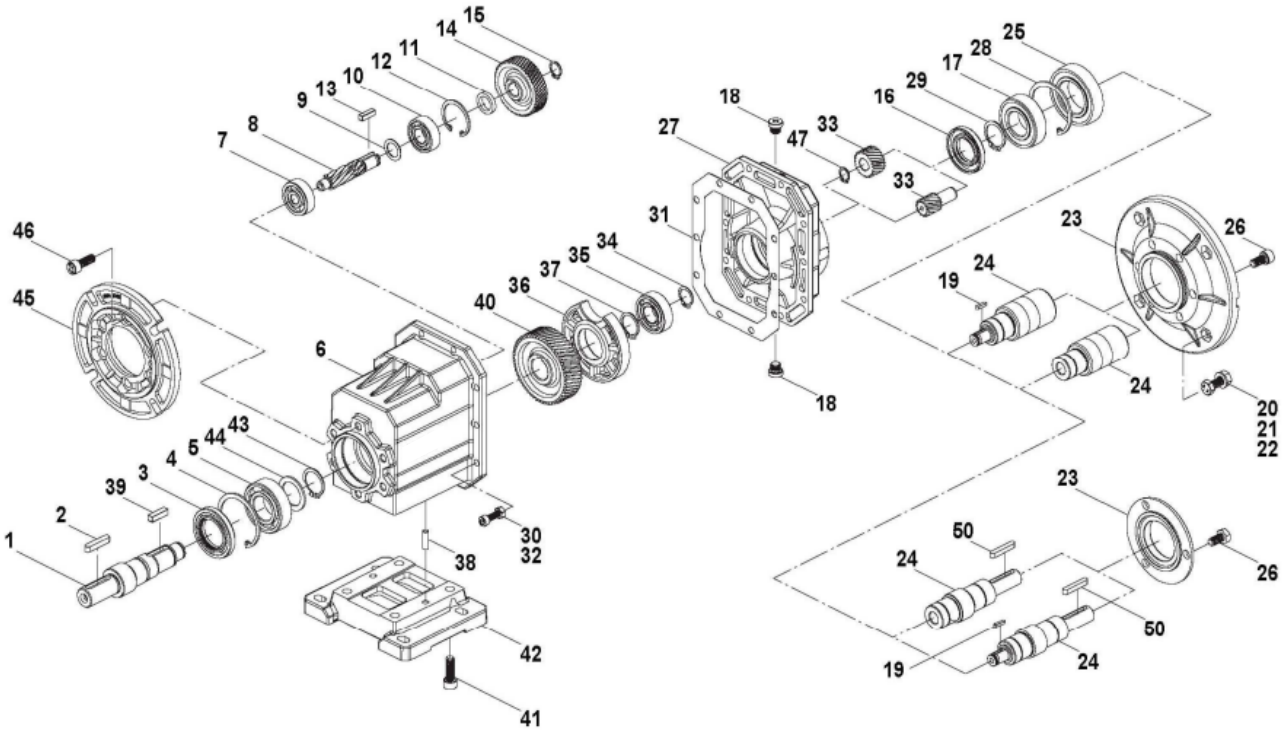
11.1 Tipi di lubrificanti / Types of lubrication

	℃ -50 0 +50 +100	ISO	SHELL	MOBIL	BP	*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	*Ouput 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**	*Washe / Vite*	**37**	*Shaft circlip / Seeger*
6	*Gear box / Carcassa*	**22**	*Hex nut / testa vite*	**38**	*Cylindrical pin / Perno cilindrico*
7	*Bearing / Cuscinetto*	**23**	*Imput flange / Flangia in ingresso*	**39**	*Key / Chiavetta*
8	*Pinion shaft / Albero pignone*	**24**	*Imput 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**	*Washe / 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*