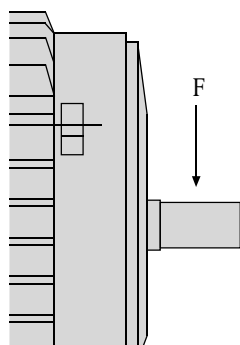


All M.G.M. motors are equipped with ball bearings with double seal. The bearings are lubricated for life, washers are in synthetic rubber with high resistance to oils and wear.

Motor size	Type of bearing	
	Drive end (D)	Non drive end (ND)
63	6202 - 2RS1	6202 - 2RS1
71	6203 - 2RS1	6203 - 2RS1
80	6204 - 2RS1	6204 - 2RS1
90	6205 - 2RS1	6205 - 2RS1
100	6206 - 2RS1	6206 - 2RS1
112	6306 - 2RS1	6306 - 2RS1
132	6308 - 2RS1	6308 - 2RS1
160	6309 - 2RS1	6309 - 2RS1
180	6310 - 2RS1	6310 - 2RS1
200	6312 - Z C3	6310 - 2RS1



The nominal bearings lifetime is calculated in working hours according to international bearings lifetime calculations, and is depending on the applied load, temperature and speed. For the different lifetimes at different speeds the maximum allowed overhung load (N) acting at the middle of the output shaft (F in the sketch), can be obtained from the table below for every motor frame size.

Motor size	20000 h				40000 h			
	2 poles	4 poles	6 poles	8 poles	2 poles	4 poles	6 poles	8 poles
63	410	520	600	650	330	410	470	520
71	500	630	720	800	400	500	570	630
80	660	840	950	1200	500	660	750	840
90	720	900	1000	1300	550	720	820	900
100	1000	1250	1400	1800	790	1000	1100	1250
112	1450	1850	2100	2650	1150	1450	1650	1850
132	2150	2700	3100	3950	1700	2150	2450	2700
160	2700	3400	3900	4900	2100	2700	3050	3400
180	3250	4100	4700	5980	2600	3250	3750	4100
200	4300	5450	6250	6850	3400	4300	4950	5450