



MAGNETIC BRAKE SYSTEMS
 A DIVISION OF TECHNICAL FILM SYSTEMS, INC.

SPECIFICATION COMPARISON TABLES - (IN-OZ)

MODEL MB, MBL, MBZ	OUTSIDE DIAMETER (inches)	MAX. TORQUE AT ZERO RPM (ft-lb)	MAX. TORQUE AT MAX. RPM (ft-lb)	MAX. RPM (rev/min)	MIN. TORQUE AT MAX. RPM (ft-lb)	MAX. POWER AT MAX. RPM FOR 1.5 SEC. (hp)	MAX. CONTINUOUS POWER AT MAX. RPM (hp)
2.4	2.40	0.19	0.32	15,000	0.03	0.99	0.99
3.75	3.75	0.68	1.20	12,000	0.21	2.75	1.36
5.7	5.70	2.91	6.45	8,000	0.90	5.58	3.37
8.7	8.70	10.80	39.98	6,000	2.60	23.08	6.59
17.5	17.5	86.5	3.79	2,500	16.83	69.3	16.2

SPECIFICATION COMPARISON TABLES - (FT-LB)

MODEL MB, MBL, MBZ	OUTSIDE DIAMETER (inches)	MAX. TORQUE AT ZERO RPM (ft-lb)	MAX. TORQUE AT MAX. RPM (ft-lb)	MAX. RPM (rev/min)	MIN. TORQUE AT MAX. RPM (ft-lb)	MAX. POWER AT MAX. RPM FOR 1.5 SEC. (hp)	MAX. CONTINUOUS POWER AT MAX. RPM (hp)
2.4	2.40	0.19	0.32	15,000	0.03	0.99	0.99
3.75	3.75	0.68	1.20	12,000	0.21	2.75	1.36
5.7	5.70	2.91	6.45	8,000	0.90	5.58	3.37
8.7	8.70	10.80	39.98	6,000	2.60	23.08	6.59
17.5	17.5	86.5	3.79	2,500	16.83	69.3	16.2

SPECIFICATION COMPARISON TABLES - (SI)

MODEL MB, MBL, MBZ	OUTSIDE DIAMETER (mm)	MAX. TORQUE AT ZERO RPM (N-m)	MAX. TORQUE AT MAX. RPM (N-m)	MAX. RPM (rad/sec)	MIN. TORQUE AT MAX. RPM (N-m)	MAX. POWER AT MAX. RPM FOR 1.5 SEC. (watts)	MAX. CONTINUOUS POWER AT MAX. RPM (watts)
2.4	60.96	0.25	0.43	1,571	0.04	739	739
3.75	95.25	0.92	1.63	1,257	0.29	2,047	1,013
5.7	144.78	3.94	8.75	838	1.21	4,164	2,515
8.7	220.98	14.65	54.20	628	3.53	17,214	4,916
17.5	444.5	117.3	513.9	262	22.8	51,698	12,085