

**Intermittent duty S3 25%**

Motor type	Power (kW)	RPM	In (A) 400 V 50 Hz	cos φ	Tn (Nm)	Ts / Tn	Is / In	Brake Power (W)	Standard brake torque (Nm)
<b>2 pole - 3000 RPM</b>									
BMBM 63 A2	0.18	2800	0.60	0.71	0.61	3.0	3.5	2 x 22	2 x 3.5
BMBM 63 B2	0.25	2800	0.75	0.76	0.85	3.5	5.0	2 x 22	2 x 3.5
BMBM 63 C2	0.37	2760	1.00	0.80	1.26	2.5	3.8	2 x 22	2 x 3.5
BMBM 71 A2	0.37	2810	0.90	0.78	1.26	2.6	4.5	2 x 22	2 x 3.5
BMBM 71 B2	0.55	2810	1.40	0.78	1.87	2.6	4.5	2 x 22	2 x 3.5
BMBM 71 C2	0.75	2810	1.80	0.80	2.55	2.5	4.5	2 x 22	2 x 3.5
BMBM 80 A2	0.75	2800	1.70	0.86	2.56	3.1	5.3	2 x 28	2 x 7
BMBM 80 B2	1.1	2800	2.40	0.86	3.75	3.1	5.3	2 x 28	2 x 7
BMBM 90 SA2	1.5	2850	3.20	0.86	5.03	3.0	6.9	2 x 34	2 x 14
BMBM 90 LA2	2.2	2840	4.50	0.86	7.40	3.0	6.9	2 x 34	2 x 14
BMBM 100 LA2	3.0	2860	6.20	0.84	10.02	3.2	8.1	2 x 42	2 x 28
BMBM 112 MB2	4.0	2880	8.10	0.84	13.26	2.5	7.4	2 x 50	2 x 42
BMBM 112 MC2	5.5	2880	11.40	0.85	18.24	2.5	7.4	2 x 50	2 x 42
BMBM 132 SA2	5.5	2890	10.8	0.86	18.17	2.8	7.4	2 x 64	2 x 70
BMBM 132 SB2	7.5	2890	14.6	0.85	24.78	2.8	7.4	2 x 64	2 x 70
BMBM 132 MA2	9.2	2890	17.9	0.85	30.40	2.8	7.4	2 x 64	2 x 70
BMBM 132 MB2	11.0	2890	21.4	0.85	36.35	2.8	7.4	2 x 64	2 x 70
BMBM 160 MA2	11.0	2920	19.5	0.94	35.98	3.0	8.8	2 x 76	2 x 107
BMBM 160 MB2	15.0	2930	26.3	0.93	48.89	3.1	8.8	2 x 76	2 x 107
BMBM 160 LA2	18.5	2930	32.4	0.93	60.30	3.1	8.8	2 x 76	2 x 107
BMBM 180 LA2	22.0	2950	36.7	0.95	71.22	2.7	9.0	2 x 100	2 x 150
BMBM 200 LA2	30.0	2940	52.0	0.94	97.45	2.8	9.0	2 x 140	2 x 250
BMBM 200 LB2	37.0	2940	64.1	0.93	120.19	2.8	9.0	2 x 140	2 x 250
<b>4 pole - 1500 RPM</b>									
BMBM 63 A4	0.12	1330	0.45	0.70	0.86	2.0	2.4	2 x 22	2 x 3.5
BMBM 63 B4	0.18	1350	0.60	0.71	1.27	3.0	2.8	2 x 22	2 x 3.5
BMBM 63 C4	0.22	1350	0.75	0.66	1.56	2.8	3.1	2 x 22	2 x 3.5
BMBM 63 D4	0.30	1350	1.05	0.64	2.12	2.8	3.0	2 x 22	2 x 3.5
BMBM 71 A4	0.25	1400	0.80	0.65	1.71	2.5	3.7	2 x 22	2 x 3.5
BMBM 71 B4	0.37	1400	1.10	0.68	2.52	2.7	3.9	2 x 22	2 x 3.5
BMBM 71 C4	0.55	1360	1.65	0.70	3.86	2.4	3.7	2 x 22	2 x 3.5
BMBM 71 D4	0.65	1350	2.00	0.69	4.60	2.1	3.7	2 x 22	2 x 3.5
BMBM 80 A4	0.55	1400	1.70	0.69	3.75	2.1	4.0	2 x 28	2 x 7
BMBM 80 B4	0.75	1400	2.20	0.67	5.12	2.5	4.3	2 x 28	2 x 7
BMBM 80 C4	0.90	1390	2.60	0.68	6.18	2.8	4.5	2 x 28	2 x 7
BMBM 90 SA4	1.10	1400	2.70	0.77	7.50	2.3	4.6	2 x 34	2 x 14
BMBM 90 LA4	1.50	1400	3.60	0.75	10.23	2.7	4.8	2 x 34	2 x 14
BMBM 90 LB4	1.85	1400	4.30	0.77	12.62	2.7	5.8	2 x 34	2 x 14
BMBM 90 LC4	2.2	1390	5.40	0.75	15.12	2.7	5.0	2 x 34	2 x 14
BMBM 100 LA4	2.2	1410	5.00	0.78	14.90	2.5	5.4	2 x 42	2 x 28
BMBM 100 LB4	3.0	1410	6.50	0.80	20.32	2.8	6.4	2 x 42	2 x 28
BMBM 112 MB4	4.0	1415	8.10	0.84	27.00	2.6	6.4	2 x 50	2 x 42
BMBM 112 MC4	5.5	1420	11.50	0.83	36.99	2.8	6.9	2 x 50	2 x 42
BMBM 132 SB4	5.5	1430	11.30	0.82	36.73	2.4	6.0	2 x 64	2 x 70
BMBM 132 MA4	7.5	1435	14.80	0.84	49.91	2.4	6.0	2 x 64	2 x 70
BMBM 132 MB4	9.2	1445	18.30	0.85	60.80	2.5	6.3	2 x 64	2 x 70
BMBM 132 MC4	11.0	1440	21.70	0.86	72.95	2.5	6.0	2 x 64	2 x 70
BMBM 160 MA4	9.2	1460	18.60	0.84	60.18	3.0	7.0	2 x 76	2 x 107
BMBM 160 MB4	11.0	1460	21.20	0.85	71.95	2.9	7.0	2 x 76	2 x 107
BMBM 160 LA4	15.0	1460	28.50	0.87	98.12	2.7	7.0	2 x 76	2 x 107
BMBM 180 LA4	18.5	1460	33.7	0.89	121.01	2.9	8.0	2 x 100	2 x 150
BMBM 180 LB4	22.0	1460	41.8	0.85	143.90	2.5	7.6	2 x 100	2 x 150
BMBM 200 LB4	30.0	1455	56.5	0.87	196.91	2.5	7.4	2 x 140	2 x 250
BMBM 225 S4	37.0	1475	68.1	0.85	239.56	2.5	7.9	2 x 140	2 x 375
BMBM 225 M4	45.0	1475	82.6	0.85	291.36	2.5	7.9	2 x 140	2 x 375

1. Motor characteristic values reported in the tables refer to intermittent duty (S3 25%), voltage 3-400V 50 Hz, ambient temperature max. 40 °C, altitude up to 1000 m. above sea level operating condition. These are TENV motors and they are exempt from efficiency requirements of the regulation (EU) 2019/1781 - Article 2 (2) point I). I valori indicati si riferiscono al funzionamento del motore in servizio intermittente (S3 25%) con alimentazione 3-400V 50 Hz, temperatura esterna max 40°C, altitudine fino a 1000 m s.l.m. Questi motori sono esenti dai requisiti di

efficienza del regolamento (UE) 2019/1781 - Articolo 2 (2) point I).

2. Brake torque values refer to the motors in standard execution, motors with special executions and different brake torque values are available. I valori di coppia frenante indicati nelle tabelle si riferiscono alla versione standard, sono disponibili motori in versioni speciali con differenti valori di coppia frenante.

3. MGM keeps the data provided as up-to-date and correct as possible. Since the products are subject to changes and improvements, the data in-

dicated cannot be considered binding. The data indicated must also be understood as being general in nature. For specific applications, please contact the MGM staff. - La MGM motori elettrici SpA si adopera per mantenere i dati forniti il più possibile aggiornati e corretti. Dal momento che i prodotti sono oggetto di continue modifiche e miglioramenti i dati indicati non possono tuttavia essere considerati impegnativi. I dati indicati inoltre si devono intendere come informazioni di carattere generale sul prodotto. Per specifiche applicazioni Vi raccomandiamo di contattare lo staff della MGM.

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Motor type	Power (kW)	RPM	In (A) 400 V 50 Hz	cos φ	Tn (Nm)	Ts / Tn	Is / In	Brake Power (W)	Standard brake torque (Nm)
<b>6 pole - 1000 RPM</b>									
BMBM 63 C6	0.09	890	0.50	0.56	0.97	2.4	1.9	2 x 22	2 x 3.5
BMBM 63 D6	0.12	870	0.60	0.60	1.32	2.7	1.9	2 x 22	2 x 3.5
BMBM 71 A6	0.18	875	0.60	0.71	1.96	2.0	2.6	2 x 22	2 x 3.5
BMBM 71 B6	0.25	900	0.80	0.71	2.65	2.0	2.8	2 x 22	2 x 3.5
BMBM 80 A6	0.37	910	1.25	0.67	3.88	2.6	3.4	2 x 28	2 x 7
BMBM 80 B6	0.55	900	1.80	0.68	5.84	2.2	2.8	2 x 28	2 x 7
BMBM 90 SA6	0.75	910	2.30	0.68	7.87	2.1	3.5	2 x 34	2 x 14
BMBM 90 LA6	1.10	910	3.20	0.68	11.54	2.2	3.6	2 x 34	2 x 14
BMBM 90 LB6	1.30	910	3.90	0.68	13.64	2.5	4.0	2 x 34	2 x 14
BMBM 100 LA6	1.50	930	3.90	0.71	15.40	2.3	4.3	2 x 42	2 x 28
BMBM 100 LB6	1.85	920	5.00	0.68	19.20	2.6	4.5	2 x 42	2 x 28
BMBM 112 MB6	2.20	945	5.20	0.79	22.23	2.0	5.3	2 x 50	2 x 42
BMBM 132 SB6	3.00	960	7.20	0.72	29.84	2.5	6.5	2 x 64	2 x 70
BMBM 132 MA6	4.00	960	9.50	0.72	39.79	2.3	6.5	2 x 64	2 x 70
BMBM 132 MB6	5.50	960	12.30	0.75	54.71	2.3	6.5	2 x 64	2 x 70
BMBM 160 MB6	7.50	965	15.90	0.79	74.22	2.2	7.1	2 x 76	2 x 107
BMBM 160 LA6	9.20	970	18.30	0.81	90.58	2.2	7.1	2 x 76	2 x 107
BMBM 160 LB6	11.00	970	22.70	0.80	108.30	2.5	7.5	2 x 76	2 x 107
BMBM 180 LB6	15.00	970	29.40	0.84	147.68	2.3	7.8	2 x 100	2 x 150
BMBM 200 LA6	18.50	970	38.10	0.82	182.14	2.2	8.0	2 x 140	2 x 250
BMBM 200 LB6	22.00	965	43.50	0.85	217.72	2.2	8.0	2 x 140	2 x 250
BMBM 225 M6	30.00	980	60.70	0.78	219.47	2.2	8.0	2 x 140	2 x 375
<b>8 pole - 750 RPM</b>									
BMBM 63 D8	0.07	650	0.45	0.62	1.03	2.2	1.55	2 x 22	2 x 3.5
BMBM 71 A8	0.08	660	0.60	0.53	1.16	2.0	2.0	2 x 22	2 x 3.5
BMBM 71 B8	0.11	660	0.80	0.55	1.59	2.0	2.0	2 x 22	2 x 3.5
BMBM 80 A8	0.18	675	0.95	0.59	2.55	2.0	2.2	2 x 28	2 x 7
BMBM 80 B8	0.25	675	1.25	0.62	3.54	2.0	2.2	2 x 28	2 x 7
BMBM 90 SA8	0.37	690	1.50	0.60	5.12	2.1	2.9	2 x 34	2 x 14
BMBM 90 LA8	0.55	690	2.20	0.56	7.61	2.1	2.8	2 x 34	2 x 14
BMBM 90 LB8	0.65	690	2.70	0.56	9.00	2.1	2.8	2 x 34	2 x 14
BMBM 100 LA8	0.75	700	2.75	0.58	10.23	2.1	3.0	2 x 42	2 x 28
BMBM 100 LB8	1.1	700	4.10	0.59	15.01	2.5	4.0	2 x 42	2 x 28
BMBM 112 MB8	1.5	705	4.90	0.60	20.32	2.0	4.5	2 x 50	2 x 42
BMBM 132 SB8	2.2	700	5.20	0.75	30.01	2.1	4.7	2 x 64	2 x 70
BMBM 132 MB8	3.0	700	7.10	0.75	40.93	2.1	4.7	2 x 64	2 x 70
BMBM 160 MA8	4.0	725	9.60	0.72	52.69	2.3	6.5	2 x 76	2 x 107
BMBM 160 MB8	5.5	725	13.60	0.70	72.45	2.3	6.1	2 x 76	2 x 107
BMBM 160 LA8	7.5	725	18.60	0.70	98.79	2.3	6.1	2 x 76	2 x 107
BMBM 180 LB8	11.0	730	25.90	0.72	143.90	2.0	5.9	2 x 100	2 x 150
BMBM 200 LA8	15.0	730	32.80	0.77	196.23	1.9	6.1	2 x 140	2 x 250
BMBM 225 M8	22.0	735	51.30	0.71	285.85	2.1	6.4	2 x 140	2 x 375

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## Italy

**M.G.M. motori elettrici S.p.A.**

*Head Office and production*

S/R 435 Lucchese Km 31  
I - 51030 Serravalle Pistoiese (PT) - ITALY

Tel. +39 0573 91511 (r.a.)

Fax +39 0573 518138

Web [www.mgmrestop.com](http://www.mgmrestop.com)

E-mail [mgm@mgmrestop.com](mailto:mgm@mgmrestop.com)

*Registered office*

I - 20090 Assago Milano - Via Fermi, 44

Tel. +39 02 48843593 - Fax +39 02 48842837

Commercial registration number: 00846480150

## Canada

**M.G.M. Electric Motors North America Inc.**

*Head Office and production*

3600 F.X. Tessier, Unit # 140

Vaudreuil, Quebec J7V 5V5 - CANADA

Sales (877) 355 4343

Tel. +1 (514) 355 4343 - Fax +1 (514) 355 5199

Web [www.mgmelectricmotors.com](http://www.mgmelectricmotors.com)

E-mail [info@mgmelectricmotors.com](mailto:info@mgmelectricmotors.com)

Commercial registration number: 1163084578

## India

**MGM-VARVEL Power Transmission Pvt. Ltd.**

*Head Office and production*

Door No. 68, Indus Valley's Logistic Park

Unit 3, Mel Ayanambakkam, Vellala Street

Chennai 600 095, Tamil Nadu - INDIA

Tel. +91 44 64627008

Web [www.mgmvarvelindia.com](http://www.mgmvarvelindia.com)

E-mail [info@mgmvarvelindia.com](mailto:info@mgmvarvelindia.com)

Commercial registration number: NO.U31103TN2010PTC077128

## Turkey

**MGM Elektrik Motorlari**

*Head Office and production*

İTOB Organize Sanayi Bölgesi,

Ekrem Demirtaş Cad. No: 28 Menderes

İzmir - Turkey

Tel. +90 232 799 0347 - Fax +90 232 799 0348

Web [www.mgmmotor.com.tr](http://www.mgmmotor.com.tr)

E-mail [info@mgmmotor.com.tr](mailto:info@mgmmotor.com.tr)

Commercial registration number: 190800