



## 60Hz Premium efficiency (IE3) Continuous Duty

Motor type	Power		RPM	In (A) 230V 60Hz	In (A) 460V 60Hz	In (A) 575V 60Hz	cos φ 100%	Eff. 100%	Eff. 75%	Eff. 50%	Cn		Ts/Tn	Is/In	Code
	Hp	kW									Nm	lb In			
<b>2 pole - 3600 RPM</b>															
SMX-BMX 63 A2 *	0.25	0.18	3400	1.04	0.52	0.42	0.68	64.00	63.00	56.00	0.51	4.51	3.7	4.8	J
SMX-BMX 63 B2 *	0.33	0.25	3360	1.44	0.72	0.57	0.66	68.00	69.00	62.00	0.71	6.28	3.1	4.0	H
SMX-BMX 71 A2 *	0.50	0.37	3440	1.92	0.96	0.65	0.68	72.00	69.00	62.00	1.03	9.1	3.3	5	J
SMX-BMX 71 B2 *	0.75	0.55	3440	2.80	1.40	1.12	0.67	74.00	72.00	67.00	1.53	13.5	3.3	5.3	J
BAX-BMX-SMX 80 A2	1.0	0.75	3465	3.30	1.65	1.32	0.77	77.00	79.30	74.70	2.08	18.4	3.6	5.8	J
BAX-BMX-SMX 90 SA2	1.5	1.1	3540	4.26	2.13	1.70	0.77	84.00	82.40	77.90	2.97	26.3	4.1	9.3	M
BAX-BMX-SMX 90 LA2	2.0	1.5	3535	5.64	2.82	2.25	0.78	85.50	85.00	81.20	4.05	35.8	5.0	9.3	M
BAX-BMX-SMX 100 LA2	3.0	2.2	3532	8.00	4.00	3.20	0.78	86.50	87.56	85.00	5.94	52.6	5.6	10.0	M
BAX-BMX-SMX 112 MC2	5.0	3.7	3550	12.9	6.45	5.20	0.83	88.50	89.20	87.40	9.95	88.1	6.0	10.8	M
BAX-BMX-SMX 132 SA2	7.5	5.5	3550	18.0	9.00	7.20	0.82	89.50	88.00	86.70	14.8	131.0	4.2	9.8	L
BAX-BMX-SMX 132 SB2	10.0	7.5	3550	24.0	12.0	9.60	0.85	90.20	91.00	89.10	20.2	178.8	4.1	9.3	K
BAX-BMX-SMX 160 MA2	15.0	11.0	3562	36.0	18.0	14.4	0.85	91.00	89.20	88.60	29.5	261.1	5.8	10.3	L
BAX-BMX-SMX 160 MB2	20.0	15.0	3562	48.8	24.4	19.5	0.85	91.00	90.70	89.30	40.2	355.8	4.2	10.3	M
BAX-BMX-SMX 160 LA2	25.0	18.5	3562	58.2	29.1	23.3	0.86	91.70	92.90	91.30	49.6	439.0	4.8	10.6	L
BAX-BMX-SMX 180 LA2	30.0	22.0	3565	68.6	34.3	27.4	0.88	91.70	92.80	91.20	58.9	521.3	5.1	10.4	L
BAX-BMX-SMX 200 LA2	40.0	30.0	3566	92.6	46.3	37.0	0.86	92.40	92.50	91.30	80.3	710.7	6.2	10.0	L
BAX-BMX-SMX 200 LB2	50.0	37.0	3564	113.6	56.8	45.4	0.88	93.00	93.20	92.60	99.1	877.1	5.0	9.8	K
<b>4 pole - 1800 RPM</b>															
SMX-BMX 63 B4 *	0.25	0.18	1670	1.24	0.62	0.5	0.56	68.00	64.00	57.00	1.03	9.1	3.9	3.7	J
SMX-BMX 71 A4 *	0.33	0.25	1680	1.50	0.75	0.6	0.62	70.00	69.40	64.10	1.42	12.6	2.9	4.0	J
SMX-BMX 71 B4 *	0.50	0.37	1690	1.82	0.91	0.73	0.71	72.00	70.00	64.00	2.09	18.5	2.6	4.4	H
SMX-BMX 80 A4 *	0.75	0.55	1710	2.66	1.33	1.06	0.69	75.50	75.10	72.40	3.07	27.2	3.1	5.3	J
BAX-BMX-SMX 80 B4	1.0	0.75	1730	3.20	1.60	1.30	0.70	85.50	85.40	83.40	4.14	36.6	3.6	6.6	K
BAX-BMX-SMX 90 SA4	1.5	1.1	1739	4.60	2.30	1.84	0.68	86.50	85.60	83.30	6.04	53.5	4.1	7.0	K
BAX-BMX-SMX 90 LA4	2.0	1.5	1739	6.20	3.10	2.50	0.70	86.50	86.50	84.20	8.2	72.6	4.1	7.1	K
BAX-BMX-SMX 100 LA4	3.0	2.2	1750	8.60	4.30	3.44	0.73	89.50	88.90	87.00	12.0	106.2	4.1	7.4	K
BAX-BMX-SMX 112 MB4	4.0	3.0	1757	11.2	5.60	4.50	0.75	89.50	89.40	87.40	16.3	144.3	4.2	9.1	M
BAX-BMX-SMX 112 MC4	5.0	3.7	1757	14.0	7.00	5.60	0.73	89.50	89.40	87.10	20.1	177.9	4.0	8.8	L
BAX-BMX-SMX 132 SB4	7.5	5.5	1765	19.6	9.80	7.84	0.77	91.70	90.70	89.30	29.8	263.8	4.0	8.7	L
BAX-BMX-SMX 132 MA4	10.0	7.5	1765	26.4	13.2	10.6	0.78	91.70	92.00	91.10	40.6	359.3	3.7	9.1	L
BAX-BMX-SMX 160 MA4	12.5	9.2	1770	33.2	16.6	13.3	0.76	91.70	92.10	90.60	49.6	439.0	5.0	9.5	M
BAX-BMX-SMX 160 MB4	15.0	11.0	1768	39.2	19.6	15.7	0.80	92.40	92.90	92.40	59.4	525.7	4.2	8.3	K
BAX-BMX-SMX 160 LA4	20.0	15.0	1768	52.6	26.3	21.0	0.77	93.00	93.20	93.00	81.0	716.9	4.1	8.0	K
BAX-BMX-SMX 180 LA4	25.0	18.5	1778	65.2	32.6	26.1	0.76	93.60	93.30	92.00	99.4	879.8	4.7	8.0	K
BAX-BMX-SMX 180 LB4	30.0	22.0	1775	75.0	37.5	30.0	0.78	93.60	93.00	92.30	118.4	1047.9	4.0	6.9	H
BAX-BMX-SMX 200 LB4	40.0	30.0	1777	94.0	47.0	37.6	0.86	94.10	94.30	93.70	162.0	1433.8	3.4	9.4	K
BAHX-BMX-SMX 225 S4	50.0	37.0	1779	115.6	57.8	46.2	0.85	94.50	94.70	94.00	198.6	1757.8	3.3	9.5	K
BAHX-BMX-SMX 225 M4	60.0	45.0	1779	138.4	69.2	55.4	0.86	95.00	95.20	94.20	241.6	2138.3	3.3	9.5	K
<b>6 pole - 1200 RPM</b>															
BAX-BMX-SMX 90 LA6	1.0	0.75	1140	3.50	1.75	1.40	0.66	82.50	82.20	79.30	6.3	55.8	5.1	8.3	N
BAX-BMX-SMX 100 LA6	1.5	1.1	1160	6.00	3.00	2.40	0.67	87.50	87.70	84.30	9.1	80.5	5.1	8.3	P
BAX-BMX-SMX 112 MB6	2.0	1.5	1170	7.20	3.60	2.90	0.67	88.50	88.70	85.30	12.2	108.0	5.1	8.6	N
BAX-BMX-SMX 132 SB6	3.0	2.2	1172	8.80	4.40	3.52	0.70	89.50	89.70	86.30	17.9	158.4	4.7	8.9	N
BAX-BMX-SMX 132 MA6	4.0	3.0	1172	12.0	6.00	4.80	0.70	89.50	89.70	87.70	24.4	216.0	4.1	7.5	K
BAX-BMX-SMX 132 MB6	5.0	3.7	1172	15.6	7.80	6.24	0.66	89.50	89.00	86.70	29.7	266.4	4.1	7.6	L
BAX-BMX-SMX 160 MA6	7.5	5.5	1175	20.2	10.1	8.10	0.75	91.00	91.10	87.80	44.7	395.6	3.7	8.6	L
BAX-BMX-SMX 160 MB6	10.0	7.5	1175	28.4	14.2	11.4	0.73	91.00	91.10	87.80	61.0	539.9	3.6	8.3	L
BAX-BMX-SMX 160 LA6	12.5	9.2	1177	34.0	17.0	13.6	0.71	91.00	91.10	87.80	74.6	660.3	4.8	9.8	M
BAX-BMX-SMX 160 LB6	15.0	11	1175	39.2	19.6	15.7	0.75	91.70	91.80	88.50	89.4	791.3	4.0	8.7	L
BAX-BMX-SMX 180 LB6	20.0	15	1175	56.0	28.0	22.4	0.73	91.70	91.80	90.20	121.9	1078.9	3.6	8.9	L
BAX-BMX-SMX 200 LA6	25.0	18.5	1181	66.6	33.3	26.6	0.75	93.00	93.20	89.80	149.6	1324.1	4.1	8.6	L
BAX-BMX-SMX 200 LB6	30.0	22	1180	76.2	38.1	30.5	0.78	93.00	93.20	89.80	178.0	1575.4	3.4	7.9	J
BAHX-BMX-SMX 225 M6	40.0	30	1188	101.2	50.6	40.5	0.79	94.10	94.40	94.00	241.2	2134.8	3.6	8.3	K
BAHX-BMX-SMX 250 M6	50.0	37	1188	125.0	62.5	50.0	0.79	94.10	94.40	94.00	297.4	2632.2	3.6	8.3	K

The "\*" beside the motor type identifies motors with IE2 efficiency class, all the others are IE3 efficiency class motors (Premium). - L'asterisco (\*) dopo il tipo motore indica motori con classe di efficienza è IE2, tutti gli altri motori hanno classe di efficienza IE3 (Premium).

1. Motor characteristic values reported on the tables, refer to operating conditions at a maximum ambient temperature of 40 °C and an altitude up to 1000 m. above sea level. - I valori indicati si riferiscono al funzionamento del motore con temperatura esterna max 40°C, altitudine fino a 1000 m s.l.m., servizio continuo (S1).  
 2. MGM Motori Elettrici S.p.a. has made every effort to make this data complete and accurate. Since products are continuously

being improved, all data is subject to change or correction. The data presented here is for general information to provide an overview of MGM capabilities. For specific applications, installation and operating instructions, certified dimensions, capabilities and performance data, and pricing and availability, contact 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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