



SMS - Intermittent duty S3 25%

Motor type	Power (kW)	RPM	In (A) 400 V	cos φ	Tn (Nm)	Ts / Tn	Is / In
2 pole - 3000 RPM							
SMS 56 A2	0.09	2820	0.38	0.60	0.30	3.0	3.8
SMS 56 B2	0.12	2760	0.40	0.69	0.42	3.0	3.8
SMS 63 A2	0.18	2800	0.60	0.71	0.61	3.0	3.5
SMS 63 B2	0.25	2800	0.75	0.76	0.85	3.5	5.0
SMS 63 C2	0.37	2760	1.00	0.80	1.26	2.5	3.8
SMS 71 A2	0.37	2810	0.90	0.78	1.26	2.6	4.5
SMS 71 B2	0.55	2810	1.40	0.78	1.87	2.6	4.5
SMS 71 C2	0.75	2810	1.80	0.80	2.55	2.5	4.5
SMS 80 A2	0.75	2800	1.70	0.86	2.56	3.1	5.3
SMS 80 B2	1.1	2800	2.40	0.86	3.75	3.1	5.3
SMS 90 SA2	1.5	2850	3.20	0.86	5.03	3.0	6.9
SMS 90 LA2	2.2	2840	4.50	0.86	7.40	3.0	6.9
SMS 100 LA2	3.0	2860	6.20	0.84	10.02	3.2	8.1
SMS 112 MB2	4.0	2880	8.10	0.84	13.26	2.5	7.4
SMS 112 MC2	5.5	2880	11.40	0.85	18.24	2.5	7.4
SMS 132 SA2	5.5	2890	10.8	0.86	18.17	2.8	7.4
SMS 132 SB2	7.5	2890	14.6	0.85	24.78	2.8	7.4
SMS 132 MA2	9.2	2890	17.9	0.85	30.40	2.8	7.4
SMS 132 MB2	11.0	2890	21.4	0.85	36.35	2.8	7.4
SMS 160 MA2	11.0	2920	19.5	0.94	35.98	3.0	8.8
SMS 160 MB2	15.0	2930	26.3	0.93	48.89	3.1	8.8
SMS 160 LA2	18.5	2930	32.4	0.93	60.30	3.1	8.8
SMS 180 LA2	22.0	2950	36.7	0.95	71.22	2.7	9.0
SMS 200 LA2	30.0	2940	52.0	0.94	97.45	2.8	9.0
SMS 200 LB2	37.0	2940	64.1	0.93	120.19	2.8	9.0
4 pole - 1500 RPM							
SMS 56 A4	0.06	1390	0.40	0.48	0.41	3.0	2.2
SMS 56 B4	0.09	1320	0.41	0.61	0.65	3.0	2.2
SMS 56 C4	0.12	1320	0.55	0.61	0.87	3.0	2.2
SMS 63 A4	0.12	1330	0.45	0.70	0.86	2.0	2.4
SMS 63 B4	0.18	1350	0.60	0.71	1.27	3.0	2.8
SMS 63 C4	0.22	1350	0.75	0.66	1.56	2.8	3.1
SMS 63 D4	0.30	1350	1.05	0.64	2.12	2.8	3.0
SMS 71 A4	0.25	1400	0.80	0.65	1.71	2.5	3.7
SMS 71 B4	0.37	1400	1.10	0.68	2.52	2.7	3.9
SMS 71 C4	0.55	1360	1.65	0.70	3.86	2.4	3.7
SMS 71 D4	0.65	1350	2.00	0.69	4.60	2.1	3.7
SMS 80 A4	0.55	1400	1.70	0.69	3.75	2.1	4.0
SMS 80 B4	0.75	1400	2.20	0.67	5.12	2.5	4.3
SMS 80 C4	0.90	1390	2.60	0.68	6.18	2.8	4.5
SMS 90 SA4	1.10	1400	2.70	0.77	7.50	2.3	4.6
SMS 90 LA4	1.50	1400	3.60	0.75	10.23	2.7	4.8
SMS 90 LB4	1.85	1400	4.30	0.77	12.62	2.7	5.8
SMS 90 LC4	2.2	1390	5.40	0.75	15.12	2.7	5.0
SMS 100 LA4	2.2	1410	5.00	0.78	14.90	2.5	5.4
SMS 100 LB4	3.0	1410	6.50	0.80	20.32	2.8	6.4
SMS 112 MB4	4.0	1415	8.10	0.84	27.00	2.6	6.4
SMS 112 MC4	5.5	1420	11.50	0.83	36.99	2.8	6.9
SMS 132 SB4	5.5	1430	11.30	0.82	36.73	2.4	6.0
SMS 132 MA4	7.5	1435	14.80	0.84	49.91	2.4	6.0
SMS 132 MB4	9.2	1445	18.30	0.85	60.80	2.5	6.3
SMS 132 MC4	11.0	1440	21.70	0.86	72.95	2.5	6.0
SMS 160 MA4	9.2	1460	18.60	0.84	60.18	3.0	7.0
SMS 160 MB4	11.0	1460	21.20	0.85	71.95	2.9	7.0
SMS 160 LA4	15.0	1460	28.50	0.87	98.12	2.7	7.0
SMS 180 LA4	18.5	1460	33.7	0.89	121.01	2.9	8.0
SMS 180 LB4	22.0	1460	41.8	0.85	143.90	2.5	7.6
SMS 200 LB4	30.0	1455	56.5	0.87	196.91	2.5	7.4
SMS 225 S4	37.0	1475	68.1	0.85	239.56	2.5	7.9
SMS 225 M4	45.0	1475	82.6	0.85	291.36	2.5	7.9

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



SMS - Intermittent duty S3 25%

Motor type	Power (kW)	RPM	In (A) 400 V	cos φ	Tn (Nm)	Ts / Tn	Is / In
6 pole - 1000 RPM							
SMS 56 B6	0.06	850	0.45	0.71	0.67	1.9	0.5
SMS 63 C6	0.09	890	0.50	0.56	0.97	2.4	1.9
SMS 63 D6	0.12	870	0.60	0.60	1.32	2.7	1.9
SMS 71 A6	0.18	875	0.60	0.71	1.96	2.0	2.6
SMS 71 B6	0.25	900	0.80	0.71	2.65	2.0	2.8
SMS 80 A6	0.37	910	1.25	0.67	3.88	2.6	3.4
SMS 80 B6	0.55	900	1.80	0.68	5.84	2.2	2.8
SMS 90 SA6	0.75	910	2.30	0.68	7.87	2.1	3.5
SMS 90 LA6	1.10	910	3.20	0.68	11.54	2.2	3.6
SMS 90 LB6	1.30	910	3.90	0.68	13.64	2.5	4.0
SMS 100 LA6	1.50	930	3.90	0.71	15.40	2.3	4.3
SMS 100 LB6	1.85	920	5.00	0.68	19.20	2.6	4.5
SMS 112 MB6	2.20	945	5.20	0.79	22.23	2.0	5.3
SMS 132 SB6	3.00	960	7.20	0.72	29.84	2.5	6.5
SMS 132 MA6	4.00	960	9.50	0.72	39.79	2.3	6.5
SMS 132 MB6	5.50	960	12.30	0.75	54.71	2.3	6.5
SMS 160 MB6	7.50	965	15.90	0.79	74.22	2.2	7.1
SMS 160 LA6	9.20	970	18.30	0.81	90.58	2.2	7.1
SMS 160 LB6	11.00	970	22.70	0.80	108.30	2.5	7.5
SMS 180 LB6	15.00	970	29.40	0.84	147.68	2.3	7.8
SMS 200 LA6	18.50	970	38.10	0.82	182.14	2.2	8.0
SMS 200 LB6	22.00	965	43.50	0.85	217.72	2.2	8.0
SMS 225 M6	30.00	980	60.70	0.78	219.47	2.2	8.0
8 pole - 750 RPM							
SMS 63 D8	0.07	650	0.45	0.62	1.03	2.2	1.55
SMS 71 A8	0.08	660	0.60	0.53	1.16	2.0	2.0
SMS 71 B8	0.11	660	0.80	0.55	1.59	2.0	2.0
SMS 80 A8	0.18	675	0.95	0.59	2.55	2.0	2.2
SMS 80 B8	0.25	675	1.25	0.62	3.54	2.0	2.2
SMS 90 SA8	0.37	690	1.50	0.60	5.12	2.1	2.9
SMS 90 LA8	0.55	690	2.20	0.56	7.61	2.1	2.8
SMS 90 LB8	0.65	690	2.70	0.56	9.00	2.1	2.8
SMS 100 LA8	0.75	700	2.75	0.58	10.23	2.1	3.0
SMS 100 LB8	1.1	700	4.10	0.59	15.01	2.5	4.0
SMS 112 MB8	1.5	705	4.90	0.60	20.32	2.0	4.5
SMS 132 SB8	2.2	700	5.20	0.75	30.01	2.1	4.7
SMS 132 MB8	3.0	700	7.10	0.75	40.93	2.1	4.7
SMS 160 MA8	4.0	725	9.60	0.72	52.69	2.3	6.5
SMS 160 MB8	5.5	725	13.60	0.70	72.45	2.3	6.1
SMS 160 LA8	7.5	725	18.60	0.70	98.79	2.3	6.1
SMS 180 LB8	11.0	730	25.90	0.72	143.90	2.0	5.9
SMS 200 LA8	15.0	730	32.80	0.77	196.23	1.9	6.1
SMS 225 M8	22.0	735	51.30	0.71	285.85	2.1	6.4

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