

**CARATTERISTICHE TECNICHE****TECHNICAL FEATURES DUTY****SERIE BM**

Fase 3 Motors - Servizio S1 - 415V - 50 Hz

BM SERIES

3 Phase Motors - S1 DUTY - 415V - 50 Hz

Type	Power	Speed	Moment of Inertia	Efficiency	Power Factor	Current	Nominal Torque	Starting Torque	Starting Current	Max Torque	Weight
	kW	rpm	Kgm ²	%	Cos φ	A	Nm				Kg

2 pole - 3000 rpm

BM 562-2	0.12	2750	0.000099	53.6	0.69	0.39	0.420	2.3	6	2.4	4.0
BM 563-2	0.18	2750	0.000099	60.4	0.72	0.54	0.625	2.3	6	2.4	4.0
BM 631-2	0.18	2780	0.000241	60.4	0.75	0.53	0.620	2.3	6	2.4	4.0
BM 632-2	0.25	2750	0.000240	64.8	0.78	0.69	0.871	2.6	6	2.4	4.5
BM 633-2	0.37	2750	0.000240	69.5	0.78	1.02	1.284	2.2	6	2.4	5
BM 711-2	0.37	2830	0.000314	69.5	0.8	0.9	1.251	2.8	6.5	2.9	5.2
BM 712-2	0.55	2815	0.000384	74.1	0.8	1.34	1.864	2.8	6.5	2.7	6.2
BM 713-2	0.75	2810	0.000480	77.4	0.79	1.71	2.547	3.4	6.5	3.5	7.5
BM 801-2	0.75	2840	0.000852	77.4	0.81	1.66	2.551	3.3	6.5	3.5	8.9
BM 802-2	1.1	2860	0.001109	79.6	0.82	2.34	3.671	3.5	6.5	3.7	10.6
BM 803-2	1.5	2860	0.001430	81.3	0.81	3.17	5.006	3.7	6.5	3.8	13
BM 90S-2	1.5	2860	0.001430	81.3	0.83	3.09	5.006	4.5	6.5	3.5	13.2
BM 90L1-2	2.2	2870	0.002181	83.2	0.83	4.43	7.316	4.5	7	4.1	16.1
BM 90L2-2	3	2880	0.002904	84.6	0.83	5.94	9.943	4.5	7	4.1	20
BM 100L1-2	3	2900	0.003008	84.6	0.86	5.74	9.874	3.7	7	3.7	22.7
BM 100L2-2	4	2890	0.003934	85.8	0.88	7.37	13.211	3.6	7	3.4	26
BM 112M-2	4	2910	0.006266	85.8	0.87	7.46	13.121	3.4	7	3.8	26.4
BM 112L-2	5.5	2920	0.007819	87	0.88	9.99	17.979	4	7	4.3	32.1
BM 132S1-2	5.5	2920	0.012022	87	0.88	9.99	17.979	3.9	7	4	42.3
BM 132S2-2	7.5	2910	0.014635	88.1	0.89	13.3	24.600	3.5	7	3.7	46.2

4 pole - 1500 rpm

BM 631-4	0.12	1350	0.00024	59.1	0.64	0.46	0.848	2.65	5.5	2.4	4
BM 632-4	0.18	1350	0.00029	64.7	0.65	0.65	1.273	2.8	5.5	2.4	4.5
BM 711-4	0.25	1350	0.00035	68.5	0.72	0.81	1.768	2.7	5.5	2.4	5.6
BM 712-4	0.37	1390	0.000714	72.7	0.74	1.01	2.541	3	6	2.35	6.1
BM 801-4	0.55	1400	0.001350	77.1	0.74	1.45	3.749	2.25	6	2.55	8.3
BM 802-4	0.75	1410	0.002060	79.6	0.75	1.75	5.077	3	6	3	11.1
BM 803-4	1.1	1390	0.00190	81.4	0.78	2.57	7.553	2.2	6	2.4	11
BM 90S-4	1.1	1420	0.002873	81.4	0.71	2.65	7.395	2.8	6	3.1	13.9
BM 90L-4	1.5	1420	0.003709	82.8	0.71	3.55	10.083	3	6	3.1	16.9
BM 90L2-4	2.2	1400	0.00430	84.3	0.80	4.72	14.582	2.2	7	2.4	15
BM 100L1-4	2.2	1440	0.007306	84.3	0.77	4.72	14.582	3.3	7	3.6	22.4
BM 100L2-4	3	1440	0.009053	85.5	0.78	6.26	19.886	3.4	7	3.6	26.4
BM 100L3-4	4	1430	0.00800	86.3	0.82	8.06	26.671	2.2	7	2.3	28.5
BM 112M-4	4	1440	0.013305	86.3	0.81	7.93	26.724	2.9	7	3.1	32.3
BM 112L-4	5.5	1440	0.01950	87.7	0.83	10.76	36.457	2.2	7	2.2	34
BM 132S-4	5.5	1450	0.027736	87.7	0.82	10.6	36.534	2.6	7	3.4	43
BM 132M-4	7.5	1450	0.035864	88.7	0.84	14	49.371	3.1	7	3.4	52.6

Note:

- I numeri 1, 2 e 3 identificano potenze crescenti a parità di motore (la geometria non varia).

- Le lettere S, M, L equivalgono a :S=CORTO;
M=MEDIO; L=LUNGO

L'eventuale numero dopo la lettera identifica potenze crescenti.

Remarks:

- The numbers 1, 2, 3 identify increasing power for the same motor (geometry does not change).

- Letters S, M, L mean:

S=SHORT; M=MEDIUM; L=LONG

The number after the letter, if any, identifies increasing powers


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	kW	rpm	Kgm ²	%	Cos φ	A	Nm				Kg

6 pole - 1000 rpm

BM 711-6	0.18	880	0.00105	56.6	0.61	0.68	1.952	2.15	4	1.9	5.6
BM 712-6	0.25	900	0.00129	61.1	0.70	0.84	2.651	2.05	4	1.9	6
BM 713-6	0.37	890	0.00145	67.6	0.69	1.22	3.968	1.8	4	1.9	6.8
BM 801-6	0.37	920	0.001560	67.6	0.69	1.09	3.986	1.95	6	2.25	8.1
BM 802-6	0.55	920	0.002090	73.1	0.73	1.45	5.706	2.25	6	2.45	9.6
BM 803-6	0.75	900	0.00310	75.9	0.72	2.13	7.954	1.9	6	2.0	12
BM 90S-6	0.75	935	0.003365	75.9	0.69	1.99	7.656	2.4	6	2.6	13
BM 90L-6	1.1	940	0.004805	78.1	0.69	2.84	11.169	2.7	6	2.7	16.4
BM 100L-6	1.5	960	0.009554	79.8	0.72	3.63	14.914	2.9	6	3	21.6
BM 112M-6	2.2	950	0.016969	81.8	0.75	4.99	22.104	2.5	7	2.6	29.5
BM 132S-6	3	960	0.029932	83.3	0.76	6.59	29.828	2.2	7	2.6	35.2
BM 132M1-6	4	965	0.040259	84.6	0.75	8.77	39.565	2.5	7	2.6	45
BM 132M2-6	5.5	965	0.053408	86	0.74	12	54.402	3	7	2.9	53.5
BM132L-6	7.5	970	0.068087	87.2	0.75	16	73.802	3.7	7	3.1	66.2

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