

dati tecnici motori doppia velocità - singolo avvolgimento

Tipo motore	Pot. (kW)	r.p.m.	In (A) 400 V	cos φ	Ca / Cn	la / ln	I freno (mA) D.C.	Z ₀ avv / h	Momento di inerzia Jx 10 ⁻⁴ Kg·m ²	Coppia Freno max (Nm)	Press. sonora dB(A)	Peso (Kg)	
2 / 4 poli												3000 / 1500 r.p.m.	
BMD 63 B2/4	0.22 0.15	2800 1400	0.80 0.75	0.68 0.56	3.00 3.00	4.5 3.2	200	5500 7000	3.08	5	55 42	5.0	
BMD 63 C2/4	0.26 0.17	2800 1400	0.90 0.85	0.76 0.61	2.90 3.00	4.2 3.3	200	5000 6000	3.55	5	55 42	5.5	
BMD 71 A2/4	0.25 0.18	2820 1415	0.75 0.70	0.73 0.66	2.2 2.4	3.8 3.1	200	2850 5500	5.67	5	59 45	7.0	
BMD 71 B2/4	0.37 0.25	2820 1415	1.00 0.85	0.77 0.63	2.3 2.8	4.7 4.2	200	2850 5500	6.47	5	59 45	8.0	
BMD 80 A2/4	0.65 0.45	2790 1400	1.80 1.35	0.81 0.72	2.0 2.1	4.0 4.0	160	2500 4400	10.62	10	65 47	12.0	
BMD 80 B2/4	0.88 0.62	2800 1390	2.20 1.70	0.80 0.74	2.5 2.2	4.9 4.5	160	2500 4400	12.84	10	65 47	13.0	
BMD 90 SB2/4	1.3 0.9	2800 1420	3.20 2.30	0.85 0.73	2.3 2.5	5.2 5.0	190	1650 2900	21.74	20	72 55	16.5	
BMD 90 LA2/4	1.8 1.2	2800 1420	4.40 3.10	0.83 0.71	2.6 3.0	5.6 6.0	190	1200 2100	26.12	20	72 55	19.5	
BMD 90 LB2/4	2.2 1.5	2860 1430	5.40 3.80	0.82 0.73	2.5 3.0	5.9 6.0	190	1050 1750	30.16	20	72 55	20.5	
BMD 100 LA2/4	2.2 1.5	2875 1425	5.00 3.80	0.85 0.81	2.3 2.5	6.0 5.6	250	1050 1750	44.5	40	74 57	25	
BMD 100 LB2/4	3.1 2.3	2875 1425	6.70 5.20	0.85 0.82	2.3 2.4	7.0 6.5	250	850 1400	53.4	40	74 57	29	
BMD 112 MB2/4	4.5 3.3	2880 1400	9.20 6.90	0.88 0.86	2.4 2.6	7.0 6.5	470	350 1400	133.5	60	75 61	39	
BMD 132 SB2/4	5.0 4.5	2940 1450	10.90 9.30	0.81 0.84	2.8 2.6	8.0 7.5	600	150 350	235.9	100	75 62	66	
BMD 132 MA2/4	6.0 5.0	2940 1450	11.70 10.00	0.88 0.85	2.1 2.5	8.0 7.5	600	150 320	310.9	100	75 62	75	
BMD 132 MB2/4	7.5 6.0	2940 1450	16.00 12.20	0.82 0.83	2.4 2.5	8.0 7.5	600	150 320	310.9	100	75 62	75	
BMD 160 MA2/4	9.5 8.0	2870 1420	20.00 16.60	0.89 0.85	2.8 2.6	7.5 6.0	700	120 320	607.0	150	77 63	136	
BMD 160 MB2/4	11.0 9.0	2870 1420	23.30 18.70	0.88 0.85	2.8 2.6	6.8 6.0	700	120 320	607.0	150	77 63	136	
BMD 160 LA2/4	13.0 11.0	2890 1420	26.10 21.20	0.91 0.87	2.8 2.6	7.0 6.3	700	100 300	782.0	150	77 63	153	
4 / 8 poli												1500 / 750 r.p.m.	
BMD 71 A4/8	0.13 0.07	1385 700	0.35 0.45	0.82 0.60	1.6 1.8	3.0 2.0	200	4300 7300	8.55	5	45 43	8.0	
BMD 71 B4/8	0.18 0.09	1370 685	0.50 0.60	0.83 0.59	1.8 2.0	3.2 2.0	200	4100 6900	10.01	5	45 43	8.5	
BMD 71 C4/8	0.22 0.12	1370 685	0.60 0.75	0.83 0.59	1.6 1.8	3.0 2.0	200	3850 6700	10.82	5	45 43	9.0	
BMD 80 A4/8	0.25 0.18	1405 675	0.70 0.90	0.86 0.65	2.2 2.0	4.1 2.4	160	4300 7300	19.05	10	47 45	12.0	
BMD 80 B4/8	0.37 0.25	1405 675	0.85 1.15	0.86 0.65	2.2 2.0	4.1 2.4	160	3250 5500	22.86	10	47 45	13.0	
BMD 90 SA4/8	0.75 0.37	1350 695	1.70 1.80	0.85 0.53	1.8 2.3	3.9 2.7	190	3200 5500	31.52	20	55 46	16.5	
BMD 90 LB4/8	1.1 0.6	1390 695	2.70 3.00	0.82 0.53	2.0 2.5	4.5 2.7	190	2900 4900	48.21	20	55 46	20.5	
BMD 100 LB4/8	1.6 0.9	1395 700	3.60 3.50	0.87 0.58	2.0 2.2	5.0 3.5	250	1850 3100	92.55	40	57 49	28	
BMD 112 MB4/8	2.2 1.2	1400 720	4.80 4.60	0.86 0.57	2.5 3.1	5.5 4.1	470	1400 3000	200.60	60	61 52	39	
BMD 132 SB4/8	3.0 2.0	1440 720	6.60 5.80	0.85 0.64	2.2 2.5	6.0 5.0	600	380 750	283.90	100	62 55	61	
BMD 132 MA4/8	4.0 2.7	1440 720	8.80 7.80	0.85 0.64	2.2 2.5	6.0 5.0	600	380 750	372.70	100	62 55	68	
BMD 132 MB4/8	6.0 4.0	1440 720	13.00 11.60	0.85 0.64	2.2 2.5	6.0 5.0	600	380 750	533.70	100	62 55	106	
BMD 160 MB4/8	6.5 4.5	1470 730	15.10 13.30	0.80 0.62	2.6 2.5	2.4 5.0	700	320 580	959.00	150	63 58	138	
BMD 160 LA4/8	9.5 6.0	1470 730	21.50 17.60	0.82 0.62	2.6 2.4	8.0 6.5	700	300 560	1280.00	150	63 58	156	

dati tecnici motori doppia velocità - doppio avvolgimento

Tipo motore	Pot. (kW)	r.p.m.	In (A) 400 V	cos φ	Ca / Cn	la / ln	I freno (mA) D.C.	Z ₀ avv / h	Momento di inerzia Jx 10 ⁻⁴ Kg·m ²	Coppia Freno max (Nm)	Press. sonora	Peso (Kg)	
2 / 6 poli												3000 / 1000 r.p.m.	
BMDA 71 B2/6	0.25 0.08	2880 940	0.85 0.60	0.74 0.64	2.6 2.2	4.3 2.0	200	7300 14400	6.57	5	59 45	8.5	
BMDA 71 C2/6	0.35 0.10	2880 940	1.05 0.60	0.75 0.59	2.6 2.2	5.0 2.3	200	6850 13500	7.90	5	59 45	9.5	
BMDA 80 A2/6	0.37 0.12	2885 945	1.35 0.80	0.67 0.57	2.6 1.9	5.0 2.5	160	4150 11000	10.62	10	65 47	12.0	
BMDA 80 B2/6	0.55 0.18	2885 945	1.75 1.05	0.67 0.57	2.6 1.9	5.0 2.5	160	3100 9200	12.84	10	65 47	13.0	
BMDA 90 SA2/6	0.9 0.3	2875 950	2.10 1.15	0.86 0.65	2.5 2.2	5.0 2.5	190	2300 6850	21.74	20	72 54	16.5	
BMDA 90 LA2/6	1.2 0.4	2875 950	2.80 1.55	0.86 0.65	2.5 2.2	5.0 2.5	190	2000 5450	26.12	20	72 54	19.5	
BMDA 90 LB2/6	1.4 0.5	2890 940	3.20 1.80	0.86 0.55	2.7 2.5	5.0 3.0	190	1650 4100	30.16	20	72 54	20.5	
BMDA 100 LA2/6	1.6 0.6	2810 900	3.70 1.90	0.85 0.68	2.6 2.3	5.4 3.4	250	1650 4100	44.50	40	74 56	25	
BMDA 100 LB2/6	2.2 0.8	2800 910	4.80 2.50	0.90 0.67	2.6 2.3	5.4 3.4	250	1550 3650	53.43	40	74 56	28	
BMDA 112 MB2/6	3.0 1.0	2870 950	6.40 3.20	0.86 0.61	3.0 3.2	7.0 4.5	470	450 3250	133.50	60	75 58	26	
BMDA 132 SB2/6	4.0 1.3	2880 940	8.90 3.70	0.85 0.69	3.0 2.8	7.0 4.5	600	150 650	235.90	100	75 58	66	
BMDA 132 MA2/6	5.5 1.8	2870 940	11.50 5.10	0.88 0.69	3.0 2.8	7.5 4.5	600	150 550	310.90	100	75 58	75	
BMDA 132 MB2/6	7.0 2.2	2870 940	14.90 6.30	0.88 0.69	3.0 2.8	7.5 4.5	600	150 450	391.30	100	75 58	76	
BMDA 160 MB2/6	8.0 2.5	2890 950	15.90 6.90	0.92 0.74	3.0 2.0	8.0 4.3	700	100 400	607.00	150	77 59	136	
BMDA 160 LA2/6	11.0 3.6	2890 950	21.40 9.30	0.92 0.74	3.0 2.0	8.0 4.3	700	100 360	782.00	150	77 59	153	
2 / 8 poli												3000 / 750 r.p.m.	
BMDA 63 C2/8	0.18 0.04	2700 630	0.60 0.40	0.80 0.58	2.2 1.9	5.0 2.1	200	2500 1800	3.55	5	55 42	5.5	
BMDA 71 B2/8	0.25 0.06	2900 700	0.85 0.55	0.69 0.54	2.5 1.8	4.0 1.5	200	7300 17500	6.57	5	59 43	8.5	
BMDA 71 C2/8	0.35 0.07	2900 700	1.05 0.75	0.70 0.52	2.5 2.2	4.3 1.6	200	6150 14400	7.90	5	59 43	9.5	
BMDA 80 A2/8	0.37 0.09	2885 690	1.35 0.70	0.67 0.54	2.3 1.8	5.0 1.7	160	4100 13500	10.62	10	65 45	12.0	
BMDA 80 B2/8	0.55 0.12	2885 690	1.75 0.90	0.67 0.54	2.3 2.0	5.0 1.7	160	3100 12750	12.84	10	65 45	13.0	
BMDA 90 SB2/8	0.75 0.18	2800 610	1.90 1.05	0.77 0.65	3.0 2.1	5.1 1.9	190	1950 9250	21.74	20	72 46	16.5	
BMDA 90 LA2/8	1.10 0.25	2800 640	2.70 1.45	0.80 0.64	3.0 2.1	5.1 1.9	190	1750 7750	26.12	20	72 46	19.5	
BMDA 90 LB2/8	1.3 0.3	2820 640	3.10 1.75	0.81 0.58	3.2 2.4	5.7 2.0	190	1650 7250	30.16	20	72 46	20.5	
BMDA 100 LA2/8	1.6 0.4	2810 660	3.70 2.00	0.85 0.58	2.7 2.0	5.3 2.2	250	1650 5750	44.50	40	73 49	25	
BMDA 100 LB2/8	2.2 0.5	2800 660	4.80 2.50	0.90 0.59	2.8 2.3	5.7 2.3	250	1550 5100	53.43	40	73 49	29	
BMDA 112 MB2/8	3.0 0.8	2860 690	6.30 3.50	0.87 0.63	3.3 2.6	7.5 3.2	470	650 4200	133.50	60	75 61	39	
BMDA 132 SB2/8	4.0 1.1	2880 680	8.90 4.00	0.85 0.60	3.0 1.9	7.0 3.3	600	260 1100	235.90	100	75 62	66	
BMDA 132 MA2/8	5.5 1.5	2870 680	11.50 5.60	0.88 0.59	3.0 2.0	7.5 3.0	600	250 1100	310.90	100	75 62	75	
BMDA 132 MB2/8	7.0 1.8	2870 680	14.90 7.30	0.88 0.59	3.0 2.0	7.5 3.0	600	250 1100	391.30	100	75 62	86	
BMDA 160 MB2/8	8.0 2.2	2880 705	16.70 7.60	0.91 0.65	3.0 1.9	8.0 3.3	700	180 900	607.00	150	77 58	136	
BMDA 160 LA2/8	11.0 3.0	2880 710	21.50 10.20	0.92 0.95	3.0 1.9	8.0 3.3	700	180 900	782.00	150	77 58	153	

1. I valori delle caratteristiche del motore si riferiscono al funzionamento in servizio continuo (S1), alimentazione a 50 Hz, temperatura esterna max 40 °C, altitudine fino a 1000 m s.l.m.
2. La coppia frenante indicata è quella massima ottenibile. I valori della corrente assorbita dal freno riportati in tabella

si intendono alla tensione nominale di 230V lato alternata.
3. La tabella riporta i valori di rumorosità in pressione sonora, misurati ad un metro di distanza dal motore e ponderati secondo la curva A (ISO 1680). I valori di rumorosità sono rilevati con motore funzionante a vuoto. La

toleranza sul valore riportato è di 3 dB.
4. La coppia nominale Cn (Nm) per ciascun tipo di motore si ottiene mediante la seguente relazione:
Cn (Nm) = 9.55 X Pot. (W) r.p.m.