

AMA-B (Aluminum brake motor) : 2 – Pole – 3000 min⁻¹ / 4 – Pole – 1500 min⁻¹

AmTecs Motors Motor type AMA-B = aluminium brake motor series 230/400V - 50Hz 400/690V - 50Hz Frame size EN60034-1 (IEC-DIN)			Rated output power P_N kW	Rated current at			Full-load speed rpm n _N min ⁻¹	Full-load efficiency 100% η %	Full-load power factor cos φ	Static braking torque Mf Nm	No-load brake response time Ms	Brake power W	Full-load torque M _N	Starting current I _s /I _N	Starting torque M _s /M _N	Pull-out torque M _k /M _N	Sound pressure level dB(A) 1 meter (no load)	Weight (foot mount) kg
				220 V I _u A	380 V I _u A	690 V I _u A												
AMA-B	63 K	2	0.18	0.91	0.53	-	2715	69	0.75	4	20	18	0.63	5.5	2.2	2.2	70	4
AMA-B	63G	2	0.25	1.19	0.69	-	2715	68	0.81	4	20	18	0.87	5.5	2.2	2.2	70	4.5
AMA-B	71K	2	0.37	1.71	0.99	-	2690	70	0.81	4	20	18	1.28	6.1	2.2	2.2	75	6
AMA-B	71G	2	0.55	2.41	1.40	-	2715	73	0.82	4	20	18	1.9	6.1	2.2	2.3	75	6.5
AMA-B	80K	2	0.75	3.16	1.83	-	2730	75	0.83	7.5	20	50	2.5	6.5	2.2	2.3	75	9.6
AMA-B	80G	2	1.1	4.46	2.58	-	2746	77	0.84	7.5	20	50	3.6	7.0	2.2	2.3	84	11
AMA-B	90S	2	1.5	5.93	3.43	-	2715	79	0.84	15	20	60	5.0	7.0	2.2	2.3	88	14
AMA-B	90L	2	2.2	8.39	4.85	-	2772	81	0.85	15	20	60	7.3	7.0	2.2	2.3	88	16
AMA-B	100L	2	3	10.90	6.31	-	2870	83	0.87	30	20	80	10.2	7.0	2.2	2.3	93	20
AMA-B	112M	2	4	-	8.13	4.69	2890	85	0.88	40	25	110	13.3	7.0	2.0	2.3	93	29
AMA-B	132S	2	5.5	-	11.04	6.37	2910	86	0.88	75	25	130	18.1	7.0	2.0	2.3	93	45
AMA-B	132Sx	2	7.5	-	14.88	8.59	2900	87	0.88	75	25	130	24.8	7.0	2.0	2.3	97	18
AMA-B	160M	2	11	-	21.3	12.2	2930	88	0.88	150	35	130	35.8	7.0	2.0	2.3	81	106
AMA-B	160Mx	2	15	-	28.7	16.4	2930	89	0.89	150	35	150	48.9	7.0	2.0	2.2	81	117
AMA-B	160L	2	18.5	-	34.60	19.8	2930	90	0.9	150	35	150	63.3	7.0	2.0	2.2	81	130
AMA-B	63K	4	0.12	0.89	0.51	-	1350	53	0.64	4	20	18	0.85		2.1	2.4	65	3.5
AMA-B	63G	4	0.18	1.25	0.73	-	1340	56	0.66	4	20	18	1.2	4.4	2.1	2.4	65	5
AMA-B	71K	4	0.25	1.36	0.79	-	1390	65	0.74	4	20	18	1.7	4.4	2.1	2.4	65	6
AMA-B	71G	4	0.37	1.93	1.12	-	1375	67	0.75	4	20	18	2.6	5.2	2.1	2.4	70	6.5
AMA-B	80K	4	0.55	2.71	1.57	-	1370	71	0.75	7.5	20	50	3.74	6.0	2.4	2.3	70	9.5
AMA-B	80G	4	0.75	3.55	2.05	-	1380	73	0.76	7.5	20	50	5.2	6.0	2.3	2.3	70	12
AMA-B	90S	4	1.1	5.00	2.89	-	1390	75	0.77	15	20	60	7.4	6.5	2.3	2.3	78	14
AMA-B	90L	4	1.5	6.39	3.70	-	1400	78	0.79	15	20	60	10.1	6.5	2.3	2.3	82	16
AMA-B	100L	4	2.2	8.91	5.16	-	1430	80	0.81	30	20	80	14.8	7.0	2.2	2.3	82	20
AMA-B	100Lx	4	3	11.71	6.78	-	1430	82	0.82	30	20	80	20.3	7.0	2.2	2.3	82	26
AMA-B	112M	4	4	-	8.82	5.09	1430	84	0.82	40	25	110	26.5	7.0	2.2	2.3	86	38
AMA-B	132S	4	5.5	-	11.84	6.83	1440	85	0.83	75	25	130	36.3	7.0	2.2	2.3	86	46
AMA-B	132M	4	7.5	-	15.59	9.00	1450	87	0.84	75	25	130	50.0	7.0	2.2	2.3	86	55
AMA-B	160M	4	11	-	22.30	12.70	1460	88	0.85	150	25	150	72.0	7.0	2.2	2.3	73	106
AMA-B	160L	4	15	-	30.00	17.10	1460	89	0.85	150	25	150	98.1	7.0	2.2	2.2	73	126

Note: These brake motor are not suitable for hoist applications.
 Isolation Class B-F
 Color Ral 5010