

# AMA (Aluminium) : 6 – Pole – 1000 min<sup>-1</sup>

<b>AmTecs Motors</b> <b>Motor type</b> AMA = aluminium series  230/400V - 50Hz 400/690V - 50Hz  Frame size <b>EN60034-1 (IEC-DIN)</b>			<b>Rated output power</b>  <b>P<sub>N</sub></b> <b>kW</b>	Rated current at			Full-load speed rpm  n <sub>N</sub> min <sup>-1</sup>	Full-load power factor  cos φ	Full-load efficiency  100% η %	Full-load torque  M <sub>N</sub>	Starting current  I <sub>s</sub> /I <sub>N</sub>	Starting torque  M <sub>s</sub> /M <sub>N</sub>	Pull-out torque  M <sub>k</sub> /M <sub>N</sub>	Sound pressure level  dB(A) 1 metre (no load)	Weight foot mounted  kg
				230 V I <sub>u</sub> A	400 V I <sub>u</sub> A	690 V I <sub>u</sub> A									
AMA	56 K	-													
AMA	56 G	-													
AMA	56 Gx	-													
AMA	63 K	6	0.09	0.89	0.51	0.30	830	0.67	38	1.04	4	1.7	2	58	5.3
AMA	63 G	6	0.12	1.02	0.58		830	0.68	40	1.38	4	1.7	2	58	6
AMA	63 Gx	-													
AMA	71 K	6	0.18	1.22	0.70	0.41	880	0.63	59	1.95	4	1.9	2	58	6.3
AMA	71 G	6	0.25	1.56	0.90	0.52	900	0.68	59	2.65	4	1.9	2	58	6.7
AMA	71 Gx	6*	0.37	2.14	1.23	0.71	900	0.7	62	3.93	4.5	1.9	2	63	7.2
AMA	80 K	6	0.37	2.14	1.23	0.71	915	0.7	62	3.86	4.7	1.9	2	63	8.8
AMA	80 G	6	0.55	2.95	1.70	0.98	920	0.72	65	5.71	4.7	1.9	2.1	63	10
AMA	80 Gx	6*	0.75												
AMA	90 S	6	0.75	3.79	2.18	1.26	930	0.72	69	7.7	5.5	2	2.1	63	12.6
AMA	90 L	6	1.10	5.25	3.02	1.75	930	0.73	72	11.3	5.5	2	2.1	71	16.6
AMA	90 Lx	-													
AMA	100 L	6	1.50	6.61	3.80	2.20	945	0.75	76	15.16	5.5	2	2.1	71	25
AMA	100 Lx	-													
AMA	100 Ly	-													
AMA	112 M	6	2.20	9.20	5.29	3.07	945	0.76	79	22.23	6.5	2	2.1	71	35
AMA	112 L	6*	3.00												
AMA	112 Lx	-													
AMA	132 S	6	3.00	12.23	7.03	4.08	960	0.76	81	29.84	6.5	2.1	2.1	76	48
AMA	132 Sx	-													
AMA	132 M	6	4.00	16.11	9.26	5.37	960	0.76	82	39.79	6.5	2.1	2.1	76	51
AMA	132 Mx	6	5.50	21.35	12.27	7.12	960	0.77	84	54.71	6.5	2.1	2.1	76	56
AMA	132 L	6*	7.50												
AMA	160 M	6	7.50	27.2	15.7	9.0	970	0.8	86	74	6.5	2	2	73	74
AMA	160 Mx	-													
AMA	160 L	6	11.0	39.7	22.9	13.2	970	0.79	87.5	108	6.5	2	2	73	89
AMA	160 Lx	-													

\*High output motors, not IEC, Isolation Class F-F

Detachable feet from size 56-160

Color Ral 5010