

# AM (Aluminium) : 8 – Pole – 750 min<sup>-1</sup>

<b>AmTecs Motors</b> <b>Motor type</b> AM = 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									
AM	56 K	-													
AM	56 G	-													
AM	56 Gx	-													
AM	63 K	-													
AM	63 G	-													
AM	63 Gx	-													
AM	71 K	8	0.09	0.84	0.48	0.28	680	0.56	48	1.27	3	1.5	1.7	50	6
AM	71 G	8	0.12	1.00	0.58	0.33	690	0.59	51	1.67	2.7	1.6	1.7	50	6.8
AM	71 Gx	-													
AM	80 K	8	0.18	1.45	0.84	0.48	680	0.61	51	2.53	2.8	1.5	1.7	52	9.9
AM	80 G	8	0.25	1.83	1.06	0.61	680	0.61	56	3.52	2.7	1.6	2	52	10.9
AM	80 Gx	-													
AM	90 S	8	0.37	2.33	1.35	0.78	680	0.63	63	5.20	2.8	1.6	1.8	56	14.8
AM	90 L	8	0.55	3.21	1.85	1.07	680	0.65	66	7.73	3	1.6	1.8	56	17.2
AM	90 Lx	-													
AM	100 L	8	0.75	4.24	2.45	1.41	710	0.67	66	10.1	3.5	1.7	2.1	59	17.5
AM	100 Lx	8	1.10	5.54	3.20	1.85	710	0.69	72	14.8	3.5	1.7	2.1	59	19.7
AM	100 Ly	-													
AM	112 M	8	1.50	7.45	4.30	2.48	710	0.68	74	20.2	4.2	1.8	2.1	61	25.6
AM	112 L	-													
AM	112 Lx	-													
AM	132 S	8	2.20	10.33	5.96	3.44	720	0.71	75	29.2	5.5	2	2	64	35.5
AM	132 Sx	-													
AM	132 M	8	3.00	13.34	7.70	4.45	720	0.73	77	39.8	5.5	2	2	64	45
AM	132 Mx	-													
AM	132 L	-													
AM	160 M	8	4.00	17.12	9.89	5.71	730	0.73	80	52.3	6	1.9	2.1	68	60
AM	160 Mx	8	5.50	22.25	12.85	7.42	720	0.74	83.5	73.0	6	2	2.2	68	72
AM	160 L	8	7.50	29.41	17.0	9.8	720	0.75	85	99.5	6	1.9	2.2	68	92
AM	160 Lx	-													

\*High output motors, not IEC, Isolation Class F-F  
 Detachable feet from size 56-160  
 Color Ral 5010