



Quantity				Title/Name, designation, material, dimension etc		Article No./Reference	
Designed by	Checked by	Approved by - date	File name	Date	26/10/2012	Scale	1:3
AMTECS LTD				AMA 160 (B14)		Edition	Sheet
						1	1/1

Specification IEC 60034-1
Manufacturer AmTecs
Motor type AMA-IE2 160 M2
Rated power 11 kW S1 Duty
Speed 2930 rpm
Voltage 400V / 690V
Frequency 50 Hz
Connection Delta / Star
Full load current 19.9 A / 11.49 A
No-load current
Enclosure IP55
Insulation class F (temp. rise B)
Max. ambient temp 40 °C
Max. altitude 1000 mtr above sea level
Comment
Cable entry M32 x 1.5
Construction Aluminium
Weight 96 Kg
Type number
Warranty

Efficiency class IE2
Load data 100%
Efficiency 89.4 %
Power factor 0.89
Sound pressure level (1m) 71 dB(A)
Resistance R20 (open)
Resistance R20 (Delta)
Full load torque 35.85Nm
Starting / Full load torque 2.2
Pull up / Full load torque
Pull out / Full load torque 2.9
Starting / Full load current (DOL) 7.6
Starting / Full load current (Y/D)
Rotor Inertia
Bearing DE 6209
Bearing NDE 6209

Electric Motors And Gearboxes Ltd
 103 Morgan Close
 Willenhall
 West Midlands
 WV12 4LH
 01902 601403
 sales@emag-ltd.co.uk



www.emag-ltd.co.uk