



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

Specification IEC 60034-1
Manufacturer AmTecs
Motor type AMA-IE2 160 M4
Rated power 11 kW S1 Duty
Speed 1460 rpm
Voltage 400V / 690V
Frequency 50 Hz
Connection Delta / Star
Full load current 21 A / 12.12 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 99 Kg
Type number
Warranty

Efficiency class IE2
Load data 100%
Efficiency 89.8 %
Power factor 0.84
Sound pressure level (1m) 63 dB(A)
Resistance R20 (open)
Resistance R20 (Delta)
Full load torque 71.9 Nm
Starting / Full load torque 2.5
Pull up / Full load torque
Pull out / Full load torque 2.9
Starting / Full load current (DOL) 6.9
Starting / Full load current (Y/D)
Rotor Inertia
Bearing DE 6309
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