



| Quantity | Title/Name, designation, material, dimension etc | | | Article No./Reference | |
|-------------------|--|--------------------|--------------------------|-----------------------|--------------|
| Designed by | Checked by | Approved by - date | File name AMA 90 (B5) | Date 24/04/2014 | Scale 1:1 |
| AMTECS LTD | | | AMA 90 (B5) | | |
| | | | | Edition 1G | Sheet 1/1 |

Specification IEC 60034-1
Manufacturer AmTecs
Motor type AMA-IE2 90 L2
Rated power 2.2 kW S1 Duty
Speed 2890 rpm
Voltage 220V / 400V
Frequency 50 Hz
Connection Delta / Star
Full load current 7.76 A / 4.48 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 M20 x 1.5
Construction Aluminium
Weight 22 Kg
Type number
Warranty

Efficiency class IE2
Load data 100%
Efficiency 83.2 %
Power factor 0.85
Sound pressure level (1m) 62 dB(A)
Resistance R20 (open)
Resistance R20 (Delta)
Full load torque 7.27 Nm
Starting / Full load torque 2.4
Pull up / Full load torque
Pull out / Full load torque 3
Starting / Full load current (DOL) 6.9
Starting / Full load current (Y/D)
Rotor Inertia
Bearing DE 6205
Bearing NDE 6205