



RevNo	Revision note	Date	Signature	Checked

Quantity	Title/Name, designation, material, dimension etc	Article No./Reference
Designed by	Checked by	Approved by - date
File name	Date	Scale
AMA 90 (B14)	24/04/2014	1:1
AMTECS LTD		AMA 90 (B14S)
Edition	Sheet	
1	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

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