



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 S2
Rated power 1.5 kW S1 Duty
Speed 2890 rpm
Voltage 220V / 400V
Frequency 50 Hz
Connection Delta / Star
Full load current 5.47 A / 3.16 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 17.5 Kg
Type number
Warranty

Efficiency class IE2
Load data 100%
Efficiency 81.3 %
Power factor 0.84
Sound pressure level (1m) 62 dB(A)
Resistance R20 (open)
Resistance R20 (Delta)
Full load torque 4.96 Nm
Starting / Full load torque 2.7
Pull up / Full load torque
Pull out / Full load torque 3.5
Starting / Full load current (DOL) 7.1
Starting / Full load current (Y/D)
Rotor Inertia
Bearing DE 6205
Bearing NDE 6205