



Quantity	Title/Name, designation, material, dimension etc			Article No./Reference	
Designed by	Checked by	Approved by - date	File name	Date	Scale
AMTECS LTD				AMA 100 (B14)	
				Edition	Sheet
				0	1/1

Specification IEC 60034-1
Manufacturer AmTecs
Motor type AMA-IE2 100 L4
Rated power 2.2 kW S1 Duty
Speed 1440 rpm
Voltage 220V / 400V
Frequency 50 Hz
Connection Delta / Star
Full load current 8.04 A / 4.64 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 31 Kg
Type number
Warranty

Efficiency class IE2
Load data 100%
Efficiency 84.3 %
Power factor 0.81
Sound pressure level (1m) 56 dB(A)
Resistance R20 (open)
Resistance R20 (Delta)
Full load torque 14.6 Nm
Starting / Full load torque 3
Pull up / Full load torque
Pull out / Full load torque 3.5
Starting / Full load current (DOL) 7
Starting / Full load current (Y/D)
Rotor Inertia
Bearing DE 6206
Bearing NDE 6206