



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	0	Sheet
		1/1

Specification IEC 60034-1
Manufacturer AmTecs
Motor type AMA-IE2 100 L2
Rated power 3 kW S1 Duty
Speed 2891 rpm
Voltage 220V / 400V
Frequency 50 Hz
Connection Delta / Star
Full load current 10.15 A / 5.86 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 29 Kg
Type number
Warranty

Efficiency class IE2
Load data 100%
Efficiency 84.6 %
Power factor 0.87
Sound pressure level (1m) 65 dB(A)
Resistance R20 (open)
Resistance R20 (Delta)
Full load torque 9.91 Nm
Starting / Full load torque 3.2
Pull up / Full load torque
Pull out / Full load torque 4
Starting / Full load current (DOL) 8
Starting / Full load current (Y/D)
Rotor Inertia
Bearing DE 6206
Bearing NDE 6206

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