



Quantity	Title/Name, designation, material, dimension etc	Article No./Reference
Designed by	Checked by	Approved by - date
File name	Date 26/10/2012	Scale 2.5:1
AMTECS LTD		AMA 112 (B14)
Edition 1	Sheet 1/1	

Specification IEC 60034-1
Manufacturer AmTecs
Motor type AMA-IE2 112 M2
Rated power 4 kW S1 Duty
Speed 2914 rpm
Voltage 400V / 690V
Frequency 50 Hz
Connection Delta / Star
Full load current 7.64 A / 4.41 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 M25 x 1.5
Construction Aluminium
Weight 32 Kg
Type number
Warranty

Efficiency class IE2
Load data 100%
Efficiency 85.8 %
Power factor 0.88
Sound pressure level (1m) 67 dB(A)
Resistance R20 (open)
Resistance R20 (Delta)
Full load torque 13.11Nm
Starting / Full load torque 2.5
Pull up / Full load torque
Pull out / Full load torque 3
Starting / Full load current (DOL) 7.5
Starting / Full load current (Y/D)
Rotor Inertia
Bearing DE 6306
Bearing NDE 6306