



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
<b>AMTECS LTD</b>		AMA 112 (B14)
Edition 1	Sheet 1/1	

**Specification IEC 60034-1**  
**Manufacturer AmTecs**  
**Motor type AMA-IE2 112 M4**  
**Rated power 4 kW S1 Duty**  
**Speed 1445 rpm**  
**Voltage 400V / 690V**  
**Frequency 50 Hz**  
**Connection Delta / Star**  
**Full load current 8.12 A / 4.69 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 42 Kg**  
**Type number**  
**Warranty**

**Efficiency class IE2**  
**Load data 100%**  
**Efficiency 86.6 %**  
**Power factor 0.82**  
**Sound pressure level (1m) 58 dB(A)**  
**Resistance R20 (open)**  
**Resistance R20 (Delta)**  
**Full load torque 26.4 Nm**  
**Starting / Full load torque 3.5**  
**Pull up / Full load torque**  
**Pull out / Full load torque 4**  
**Starting / Full load current (DOL) 7.5**  
**Starting / Full load current (Y/D)**  
**Rotor Inertia**  
**Bearing DE 6306**  
**Bearing NDE 6306**