



Quantity	Title/Name, designation, material, dimension etc	Article No./Reference
Designed by	Checked by	Approved by - date
File name AMA 90 (B3)	Date 24/04/2014	Scale 1:1
<b>AMTECS LTD</b>		AMA 90 (B3)
Edition 1		Sheet 1/1

**Specification IEC 60034-1**  
**Manufacturer AmTecs**  
**Motor type AMA-IE2 90 L2**  
**Rated power 2.2 kW S1 Duty**  
**Speed 2890 rpm**  
**Voltage 220V / 400V**  
**Frequency 50 Hz**  
**Connection Delta / Star**  
**Full load current 7.76 A / 4.48 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 22 Kg**  
**Type number**  
**Warranty**

**Efficiency class IE2**  
**Load data 100%**  
**Efficiency 83.2 %**  
**Power factor 0.85**  
**Sound pressure level (1m) 62 dB(A)**  
**Resistance R20 (open)**  
**Resistance R20 (Delta)**  
**Full load torque 7.27 Nm**  
**Starting / Full load torque 2.4**  
**Pull up / Full load torque**  
**Pull out / Full load torque 3**  
**Starting / Full load current (DOL) 6.9**  
**Starting / Full load current (Y/D)**  
**Rotor Inertia**  
**Bearing DE 6205**  
**Bearing NDE 6205**

Electric Motors And Gearboxes Ltd  
 103 Morgan Close  
 Willenhall  
 West Midlands  
 WV12 4LH  
 01902 601403  
 sales@emag-ltd.co.uk



www.emag-ltd.co.uk