



This drawing serves only as a sketch to show dimensions.
The product delivered may differ. A detailed description of the product can be found below.

AMTECS LTD		
TITLE AMA (B14S)		
SIZE	DWG NO	REV
SHEET 1 OF 1		

Specification **IEC 60034-1**
 Manufacturer **AmTecs**
 Motor type **AMA-IE2 100L4**
 Rated power **2.2 kW S1 Duty**
 Speed **1440 rpm**
 Voltage **220V / 400V**
 Frequency **50 Hz**
 Connection **Delta / Star**
 Full load current **8.09 A / 4.65 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 **2.2**
 Pull up / Full load torque
 Pull out / Full load torque **2.3**

Starting / Full load current (DOL) **7**
 Starting / Full load current (Y/D)
 Rotor Inertia
 Bearing DE **6206**
 Bearing NDE **6206**

AmTecs Ltd	
Charnham Park, Hungerford Berkshire, RG17 0YT	
Tel: +44 (0) 1488 686970	sales@amtecs.co.uk
Fax: +44 (0) 1488 686968	www.amtecs.co.uk