



AMTECS LTD

TITLE AMA (B35)		
SIZE	DWG NO	REV
SHEET 1 OF 1		

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.

Specification **IEC 60034-1**
 Manufacturer **AmTecs**
 Motor type **AMAB-IE3 112M2**
 Rated power **4 kW S1 Duty**
 Speed **2920 rpm**
 Voltage **400V / 690V**
 Frequency **50 Hz**
 Connection **Delta / Star**
 Full load current **7.45 A / 4.32 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 **45 Kg**
 Type number
 Warranty
 Brake Torque **40 (Nm)**
 Brake Response **0.48 (ms)**
 Brake Power **75 (W)**
 Brake Voltage **170**

Efficiency class **IE3**
 Load data **100%**
 Efficiency **88.1 %**
 Power factor **0.88**
 Sound pressure level (1m) **77 dB(A)**
 Resistance R20 (open)
 Resistance R20 (Delta)
 Full load torque **13.1 Nm**
 Starting / Full load torque **2.2**
 Pull up / Full load torque
 Pull out / Full load torque **2.3**

Starting / Full load current (DOL) **8.5**
 Starting / Full load current (Y/D)
 Rotor Inertia
 Bearing DE **6306**
 Bearing NDE **6306**

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