



**AMTECS LTD**

TITLE <b>AMA (B14S)</b>		
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 90L4**  
 Rated power **1.5 kW S1 Duty**  
 Speed **1445 rpm**  
 Voltage **220V / 400V**  
 Frequency **50 Hz**  
 Connection **Delta / Star**  
 Full load current **5.73 A / 3.3 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 **27 Kg**  
 Type number  
 Warranty  
 Brake Torque **15 (Nm)**  
 Brake Response **0.38 (ms)**  
 Brake Power **45 (W)**  
 Brake Voltage **99**

Efficiency class **IE3**  
 Load data **100%**  
 Efficiency **85.3 %**  
 Power factor **0.77**  
 Sound pressure level (1m) **70 dB(A)**  
 Resistance R20 (open)  
 Resistance R20 (Delta)  
 Full load torque **9.91 Nm**  
 Starting / Full load torque **2.3**  
 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 **6205**  
 Bearing NDE **6205**

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