



**AMTECS LTD**

TITLE <b>AMA (B35)</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 1.8 kW S1 Duty**  
**Speed 1734 rpm**  
**Voltage 277 / 480V**  
**Frequency 60 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) 75 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) 7.4**  
**Starting / Full load current (Y/D)**  
**Rotor Inertia**  
**Bearing DE 6205**  
**Bearing NDE 6205**

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