



**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 80G4**  
**Rated power 0.9 kW S1 Duty**  
**Speed 1734 rpm**  
**Voltage 277 / 480V**  
**Frequency 60 Hz**  
**Connection Delta / Star**  
**Full load current 3.04 A / 1.75 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 M20x1.5**  
**Construction Aluminium**  
**Weight 14.5 Kg**  
**Type number**  
**Warranty**  
**Brake Torque 8 (Nm)**  
**Brake Response 0.25 (ms)**  
**Brake Power 28 (W)**  
**Brake Voltage 99**

**Efficiency class IE3**  
**Load data 100%**  
**Efficiency 82.5 %**  
**Power factor 0.75**  
**Sound pressure level (1m) 72 dB(A)**  
**Resistance R20 (open)**  
**Resistance R20 (Delta)**  
**Full load torque 4.96 Nm**  
**Starting / Full load torque 2.3**  
**Pull up / Full load torque**  
**Pull out / Full load torque 2.3**

**Starting / Full load current (DOL) 6.9**  
**Starting / Full load current (Y/D)**  
**Rotor Inertia**  
**Bearing DE 6204**  
**Bearing NDE 6204**

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