



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 (B14L)		
SIZE	DWG NO	REV
SCALE 1 / 3	SHEET 1 OF 1	

Specification **IEC 60034-1**
 Manufacturer **AmTecs**
 Motor type **AMAB-IE3 112M4**
 Rated power **4.8 kW S1 Duty**
 Speed **1746 rpm**
 Voltage **480 / 820V**
 Frequency **60 Hz**
 Connection **Delta / Star**
 Full load current **7.95 A / 4.61 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 **51 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 **88.6 %**
 Power factor **0.82**
 Sound pressure level (1m) **80 dB(A)**
 Resistance R20 (open)
 Resistance R20 (Delta)
 Full load torque **26.3 Nm**
 Starting / Full load torque **2.2**
 Pull up / Full load torque
 Pull out / Full load torque **2.3**

Starting / Full load current (DOL) **8.3**
 Starting / Full load current (Y/D)
 Rotor Inertia
 Bearing DE **6306**
 Bearing NDE **6306**

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