



**AMTECS LTD**

|                            |              |     |
|----------------------------|--------------|-----|
| TITLE<br><b>AMA (B14L)</b> |              |     |
| SIZE                       | DWG NO       | REV |
| SCALE<br>1 / 3             | 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 **AMA3-IE3 160L2**  
 Rated power **18.5 kW S1 Duty**  
 Speed **2940 rpm**  
 Voltage **400V / 690V**  
 Frequency **50 Hz**  
 Connection **Delta / Star**  
 Full load current **32 A / 18.48 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 **M32 x 1.5**  
 Construction **Aluminium**  
 Weight **118 Kg**  
 Type number  
 Warranty

Efficiency class **IE3**  
 Load data **100%**  
 Efficiency **92.4 %**  
 Power factor **0.89**  
 Sound pressure level (1m) **71 dB(A)**  
 Resistance R20 (open)  
 Resistance R20 (Delta)  
 Full load torque **60.1 Nm**  
 Starting / Full load torque **1.6**  
 Pull up / Full load torque  
 Pull out / Full load torque **2.5**  
 Starting / Full load current (DOL) **7**  
 Starting / Full load current (Y/D)  
 Rotor Inertia  
 Bearing DE **6209**  
 Bearing NDE **6209**

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