



**AMTECS LTD**

|                          |        |              |
|--------------------------|--------|--------------|
| TITLE<br><b>AMA (B5)</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 132S2**  
 Rated power **5.5 kW S1 Duty**  
 Speed **2920 rpm**  
 Voltage **400V / 690V**  
 Frequency **50 Hz**  
 Connection **Delta / Star**  
 Full load current **10.11 A / 5.86 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 **64 Kg**  
 Type number  
 Warranty  
 Brake Torque **80 (Nm)**  
 Brake Response **0.5 (ms)**  
 Brake Power **87 (W)**  
 Brake Voltage **170**

Efficiency class **IE3**  
 Load data **100%**  
 Efficiency **89.2 %**  
 Power factor **0.88**  
 Sound pressure level (1m) **79 dB(A)**  
 Resistance R20 (open)  
 Resistance R20 (Delta)  
 Full load torque **18 Nm**  
 Starting / Full load torque **2**  
 Pull up / Full load torque  
 Pull out / Full load torque **2.3**

Starting / Full load current (DOL) **8.5**  
 Starting / Full load current (Y/D)  
 Rotor Inertia  
 Bearing DE **6308**  
 Bearing NDE **6308**

|  |                    |
|--|--------------------|
| <b>AmTecs Ltd</b>                                |                    |
| Charnham Park, Hungerford<br>Berkshire, RG17 0YT |                    |
| Tel: +44 (0) 1488 686970                         | sales@amtecs.co.uk |
| Fax: +44 (0) 1488 686968                         | www.amtecs.co.uk   |