



**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 **AMAB-IE3 80G2**  
 Rated power **1.1 kW S1 Duty**  
 Speed **2910 rpm**  
 Voltage **220V / 400V**  
 Frequency **50 Hz**  
 Connection **Delta / Star**  
 Full load current **4.02 A / 2.31 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 **12.6 Kg**  
 Type number  
 Warranty  
 Brake Torque **8 (Nm)**  
 Brake Response **0.3 (ms)**  
 Brake Power **28 (W)**  
 Brake Voltage **99**

Efficiency class **IE3**  
 Load data **100%**  
 Efficiency **82.7 %**  
 Power factor **0.83**  
 Sound pressure level (1m) **65 dB(A)**  
 Resistance R20 (open)  
 Resistance R20 (Delta)  
 Full load torque **3.61 Nm**  
 Starting / Full load torque **2.2**  
 Pull up / Full load torque  
 Pull out / Full load torque **2.3**

Starting / Full load current (DOL) **7.6**  
 Starting / Full load current (Y/D)  
 Rotor Inertia  
 Bearing DE **6204**  
 Bearing NDE **6204**

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