



**AMTECS LTD**

TITLE  
**AMAS-SR (B14)**

SIZE \_\_\_\_\_ REV \_\_\_\_\_

MY71B14 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 **AMAS-SR-IE2 100 L2**  
 Rated power **3 kW S1 Duty**  
 Speed **2900 rpm**  
 Voltage **220V**  
 Frequency **50 Hz**  
 Connection **Single Phase**  
 Full load current **15.7 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 **M20 x 1.5**  
 Construction **Aluminium**  
 Weight **31.7 Kg**  
 Type number  
 Warranty  
 Run Capacitor **40uf/450V**  
 Start Capacitor **500uf/250V**

Efficiency class **IE2**  
 Load data **100%**  
 Efficiency **84.6 %**  
 Power factor **0.98**  
 Sound pressure level (1m) **83 dB(A)**  
 Resistance R20 (open)  
 Resistance R20 (Delta)  
 Full load torque **9.88 Nm**  
 Starting / Full load torque **2.5**  
 Pull up / Full load torque  
 Pull out / Full load torque **1.9**

Starting / Full load current (DOL)  
 Starting / Full load current (Y/D)  
 Rotor Inertia  
 Bearing DE **6206**  
 Bearing NDE **6205**

Protection Device **Thermal Reset Switch**

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