



AMTECS LTD

| | | |
|----------------|--|--------------|
| TITLE | | |
| AMAS-SR (B14L) | | |
| SIZE | | REV |
| SCALE | | 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 80K4**
 Rated power **0.55 kW S1 Duty**
 Speed **1400 rpm**
 Voltage **220V**
 Frequency **50 Hz**
 Connection **Single Phase**
 Full load current **4 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 **10 Kg**
 Type number
 Warranty
 Run Capacitor **25uf/450V**
 Start Capacitor **100uf/300V**

Efficiency class **IE1**
 Load data **100%**
 Efficiency **68 %**
 Power factor **0.92**
 Sound pressure level (1m) **70 dB(A)**
 Resistance R20 (open)
 Resistance R20 (Delta)
 Full load torque **3.83 Nm**
 Starting / Full load torque **2.5**
 Pull up / Full load torque
 Pull out / Full load torque **1.8**

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

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