



**AMTECS LTD**

TITLE  
**AMAS-R (B5)**

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 **AMAS-R-IE2 90 L4**  
 Rated power **1.5 kW S1 Duty**  
 Speed **1400 rpm**  
 Voltage **220V**  
 Frequency **50 Hz**  
 Connection **Single Phase**  
 Full load current **8.3 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 **19 Kg**  
 Type number  
 Warranty  
 Run Capacitor **40uf/450V**

Efficiency class **IE2**  
 Load data **100%**  
 Efficiency **82.8 %**  
 Power factor **0.95**  
 Sound pressure level (1m) **78 dB(A)**  
 Resistance R20 (open)  
 Resistance R20 (Delta)  
 Full load torque **10.23 Nm**  
 Starting / Full load torque **0.45**  
 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 **6205**  
 Bearing NDE **6204**

Protection Device **Thermal Reset Switch**

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