



AMTECS LTD

TITLE
AMAS-SR (B5)

SIZE _____ DWG NO _____ REV _____

SCALE 1 / 1.75 MY71B5 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 90 S2**
 Rated power **1.5 kW S1 Duty**
 Speed **2880 rpm**
 Voltage **220V**
 Frequency **50 Hz**
 Connection **Single Phase**
 Full load current **8.2 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 **15.5 Kg**
 Type number
 Warranty
 Run Capacitor **40uf/450V**
 Start Capacitor **200uf/250V**

Efficiency class **IE2**
 Load data **100%**
 Efficiency **81.3 %**
 Power factor **0.98**
 Sound pressure level (1m) **78 dB(A)**
 Resistance R20 (open)
 Resistance R20 (Delta)
 Full load torque **4.97 Nm**
 Starting / Full load torque **2.3**
 Pull up / Full load torque
 Pull out / Full load torque **2.1**

Starting / Full load current (DOL)
 Starting / Full load current (Y/D)
 Rotor Inertia
 Bearing DE **6205**
 Bearing NDE **6203**

Protection Device **Thermal Reset Switch**

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