



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 112 M4**
 Rated power **3.7 kW S1 Duty**
 Speed **1400 rpm**
 Voltage **220V**
 Frequency **50 Hz**
 Connection **Single Phase**
 Full load current **19.4 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 **M25 x 1.5**
 Construction **Aluminium**
 Weight **41.5 Kg**
 Type number
 Warranty
 Run Capacitor **70uf/450V**
 Start Capacitor **600uf/250V**

Efficiency class **IE2**
 Load data **100%**
 Efficiency **86.6 %**
 Power factor **0.96**
 Sound pressure level (1m) **78 dB(A)**
 Resistance R20 (open)
 Resistance R20 (Delta)
 Full load torque **27.29 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 **6306**
 Bearing NDE **6206**

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