



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 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 **20.5 Kg**

Type number

Warranty

Run Capacitor **40uf/450V**

Start Capacitor **200uf/250V**

Efficiency class **IE2**

Load data **100%**

Efficiency **82.8 %**

Power factor **0.95**

Sound pressure level (1m) **73 dB(A)**

Resistance R20 (open)

Resistance R20 (Delta)

Full load torque **10.23 Nm**

Starting / Full load torque **2.5**

Pull up / Full load torque

Pull out / Full load torque **2**

Starting / Full load current (DOL)

Starting / Full load current (Y/D)

Rotor Inertia

Bearing DE **6205**

Bearing NDE **6203**

Protection Device **Thermal Reset Switch**

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