



**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**

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