



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 100L2  
**Rated power** 3 kW S1 Duty  
**Speed** 2800 rpm  
**Voltage** 220V  
**Frequency** 50 Hz  
**Connection** Single Phase  
**Full load current** 18.2 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** 23 Kg  
**Type number**  
**Warranty**  
**Run Capacitor** 60uf/450V  
**Start Capacitor** 400uf/300V

**Efficiency class** IE1  
**Load data** 100%  
**Efficiency** 79 %  
**Power factor** 0.95  
**Sound pressure level (1m)** 91 dB(A)  
**Resistance R20 (open)**  
**Resistance R20 (Delta)**  
**Full load torque** 10.44 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** 6206  
**Bearing NDE** 6206

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