



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 100LX4**  
**Rated power**            **3 kW S1 Duty**  
**Speed**                     **1400 rpm**  
**Voltage**                   **220V**  
**Frequency**               **50 Hz**  
**Connection**              **Single Phase**  
**Full load current**       **17.1 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**                    **30 Kg**  
**Type number**  
**Warranty**  
**Run Capacitor**          **60uf/450V**  
**Start Capacitor**         **400uf/300V**

**Efficiency class**           **IE1**  
**Load data**                 **100%**  
**Efficiency**                 **78 %**  
**Power factor**              **0.96**  
**Sound pressure level (1m)** **86 dB(A)**  
**Resistance R20 (open)**  
**Resistance R20 (Delta)**  
**Full load torque**           **20.88 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**

<b>AmTecs Ltd</b>	
Charnham Park, Hungerford Berkshire, RG17 0YT	
Tel: +44 (0) 1488 686970	sales@amtecs.co.uk
Fax: +44 (0) 1488 686968	www.amtecs.co.uk