



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

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