



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 112 M2
Rated power 3.7 kW S1 Duty
Speed 2900 rpm
Voltage 220V
Frequency 50 Hz
Connection Single Phase
Full load current 21.3 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 M25 x 1.5
Construction Aluminium
Weight 36.3 Kg
Type number
Warranty
Run Capacitor 40uf/450V
Start Capacitor 600uf/250V

Efficiency class IE2
Load data 100%
Efficiency 85.8 %
Power factor 0.95
Sound pressure level (1m) 83 dB(A)
Resistance R20 (open)
Resistance R20 (Delta)
Full load torque 13.17 Nm
Starting / Full load torque 2.2
Pull up / Full load torque
Pull out / Full load torque 1.7

Starting / Full load current (DOL)
Starting / Full load current (Y/D)
Rotor Inertia
Bearing DE 6306
Bearing NDE 6206

Protection Device Thermal Reset Switch

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