



Specification IEC 60034-1
Manufacturer AmTecs
Motor type AMA-IE2 160L2
Rated power 18.5 kW S1 Duty
Speed 2937 rpm
Voltage 400V / 690V
Frequency 50 Hz
Connection Delta / Star
Full load current 33 A / 19.05 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 M32 x 1.5
Construction Aluminium
Weight 115 Kg
Type number
Warranty

Efficiency class IE2
Load data 100%
Efficiency 90.9 %
Power factor 0.89
Sound pressure level (1m) 71 dB(A)
Resistance R20 (open)
Resistance R20 (Delta)
Full load torque 60.15 Nm
Starting / Full load torque 2.3
Pull up / Full load torque
Pull out / Full load torque 3.1
Starting / Full load current (DOL) 7.4
Starting / Full load current (Y/D)
Rotor Inertia
Bearing DE 6209
Bearing NDE 6209

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