



Specification IEC 60034-1
Manufacturer AmTecs
Motor type AM1-IE2 160M6
Rated power 7.5 kW S1 Duty
Speed 970 rpm
Voltage 400V / 690V
Frequency 50 Hz
Connection Delta / Star
Full load current 15.91630661 A / 9.226844412 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 Cast Iron
Weight 130 Kg
Type number
Warranty

Efficiency class IE2
Load data 100%
Efficiency 87.2 %
Power factor 0.78
Sound pressure level (1m) 73 dB(A)
Resistance R20 (open)
Resistance R20 (Delta)
Full load torque 73.84020619
Starting / Full load torque 2
Pull up / Full load torque
Pull out / Full load torque 3
Starting / Full load current (DOL) 6.5
Starting / Full load current (Y/D)
Rotor Inertia
Bearing DE 6309
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