



Specification IEC 60034-1
Manufacturer AmTecs
Motor type AMAB-IE3 112M2
Rated power 4.8 kW S1 Duty
Speed 3504 rpm
Voltage 480 / 820V
Frequency 60 Hz
Connection Delta / Star
Full load current 7.45 A / 4.32 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 45 Kg
Type number
Warranty
Brake Torque 40 (Nm)
Brake Response 0.48 (ms)
Brake Power 75 (W)
Brake Voltage 170

Efficiency class IE3
Load data 100%
Efficiency 88.1 %
Power factor 0.88
Sound pressure level (1m) 82 dB(A)
Resistance R20 (open)
Resistance R20 (Delta)
Full load torque 13.1 Nm
Starting / Full load torque 2.2
Pull up / Full load torque
Pull out / Full load torque 2.3

Starting / Full load current (DOL) 9.0
Starting / Full load current (Y/D)
Rotor Inertia
Bearing DE 6306
Bearing NDE 6306

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