



Specification IEC 60034-1
Manufacturer AmTecs
Motor type AMAB-IE3 112M4
Rated power 4.8 kW S1 Duty
Speed 1746 rpm
Voltage 480 / 820V
Frequency 60 Hz
Connection Delta / Star
Full load current 7.95 A / 4.61 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 51 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 88.6 %
Power factor 0.82
Sound pressure level (1m) 80 dB(A)
Resistance R20 (open)
Resistance R20 (Delta)
Full load torque 26.3 Nm
Starting / Full load torque 2.2
Pull up / Full load torque
Pull out / Full load torque 2.3

Starting / Full load current (DOL) 8.3
Starting / Full load current (Y/D)
Rotor Inertia
Bearing DE 6306
Bearing NDE 6306

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