



Specification IEC 60034-1
Manufacturer AmTecs
Motor type AM1-IE2 225M4
Rated power 45 kW S1 Duty
Speed 1480 rpm
Voltage 400V / 690V
Frequency 50 Hz
Connection Delta / Star
Full load current 81.1 A / 47 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 M40 x 1.5
Construction Cast Iron
Weight 322 Kg
Type number
Warranty

Efficiency class IE2
Load data 100%
Efficiency 93.1 %
Power factor 0.86
Sound pressure level (1m) 78 dB(A)
Resistance R20 (open)
Resistance R20 (Delta)
Full load torque 290 Nm
Starting / Full load torque 2.5
Pull up / Full load torque
Pull out / Full load torque 2.8
Starting / Full load current (DOL) 7.6
Starting / Full load current (Y/D)
Rotor Inertia
Bearing DE 6313
Bearing NDE 6312

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