



Specification IEC 60034-1
Manufacturer AmTecs
Motor type AMA-IE2 90S2
Rated power 1.8 kW S1 Duty
Speed 3468 rpm
Voltage 277 / 480V
Frequency 60 Hz
Connection Delta / Star
Full load current 5.51 A / 3.17 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 M20 x 1.5
Construction Aluminium
Weight 17.5 Kg
Type number
Warranty

Efficiency class IE2
Load data 100%
Efficiency 81.3 %
Power factor 0.84
Sound pressure level (1m) 67 dB(A)
Resistance R20 (open)
Resistance R20 (Delta)
Full load torque 5 Nm
Starting / Full load torque 2.4
Pull up / Full load torque
Pull out / Full load torque 2.7

Starting / Full load current (DOL) 8.5
Starting / Full load current (Y/D)
Rotor Inertia
Bearing DE 6205
Bearing NDE 6205

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