DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer	:				
Product line		: W21 Explosion Proof NEMA Premium Efficiency Three-Ph			14882585
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torque Insulation class Service factor Moment of inertia Design	е	: 504/5T : 200 HP (: 4 : 60 Hz : 575 V : 184 A : 1251 A : 6.8x(Cod : 59.2 A : 1782 rpm : 1.00 % : 81.5 kgfm : 210 % : 229 % : F : 1.15 : 3.21 kgm	le G) n	Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³	: 52s (cold) 29s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55 : IC411 - TEFC : F-1 : Both (CW and CCW) : 82.0 dB(A) : Direct On Line : 1144 kg
Output Efficiency (%) Power Factor	50% 95.8 0.72	75% 96.2 0.80	100% 96.2 0.85	Foundation loads Max. traction Max. compression	: 904 kgf : 2046 kgf
Bearing type Sealing Lubrication interva Lubricant amount Lubricant type Notes		:	Drive end 6319 C3 Viton Oil Seal 7038 h 45 g	Non drive end 6316 C3 Viton Seal 8569 h 34 g obil Polyrex EM	

This revision replaces and cancel the previous one, which must be eliminated.

- (1) Looking the motor from the shaft end.
- (2) Measured at 1m and with tolerance of +3dB(A).
- (3) Approximate weight subject to changes after manufacturing process.

(4) At 100% of full load.

These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1.

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Customer	
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Thermal protection

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ID	Application	Туре	Quantity	Sensing Temperature
1	Winding	Thermostat - 2 wires	1 x Phase	155 °C

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LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

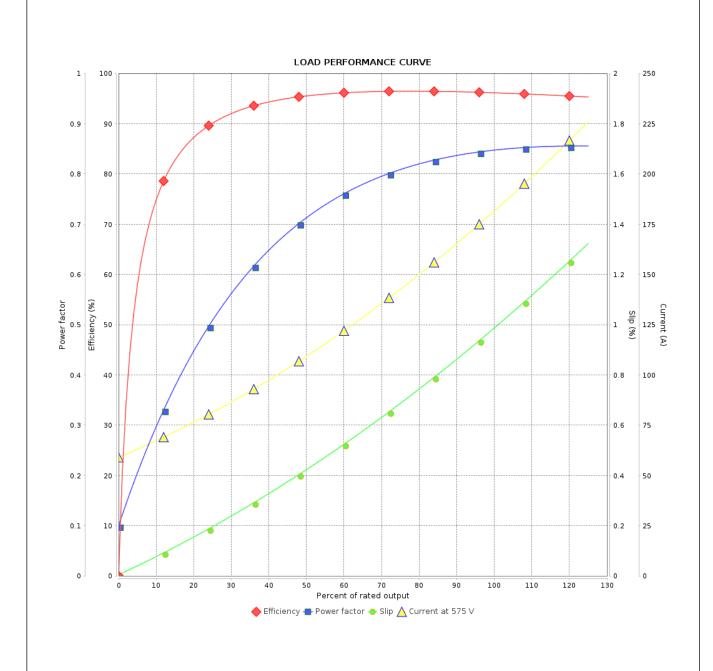


Customer :

Product line : W21 Explosion Proof NEMA

Premium Efficiency Three-Phase

Product code: 14882585



Performance : 575 V 60 Hz 4P : 184 A Rated current Moment of inertia (J) : 3.21 kgm² **LRC** : 6.8 Duty cycle : Cont.(S1) : F Rated torque : 81.5 kgfm Insulation class Locked rotor torque : 210 % Service factor : 1.15 Breakdown torque : 229 % Temperature rise : 80 K Rated speed : 1782 rpm Design : B

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