DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer	:				
Product line		xplosion Proc cy Three-Pha	of NEMA Premiuse	um Product code :	11349220
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torque Breakdown torque Insulation class Service factor Moment of inertia (J) Design		: 447T : 250 HP (185 kW) : 4 : 60 Hz : 575 V : 227 A : 1590 A : 7.0x(Code H) : 72.2 A : 1784 rpm : 0.89 % : 102 kgfm : 250 % : 250 % : F : 1.15 : 3.77 kgm² : B		Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³	: 36s (cold) 20s (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 : 1186 kg
Output Efficiency (%)	50% 95.4	75% 96.2	96.2	Foundation loads Max. traction	: 1631 kgf
Power Factor	0.72	0.81	0.85	Max. compression	: 2817 kgf
Bearing type Sealing Lubrication intervicus Lubricant amount Lubricant type			Orive end NU-319 C3 Oil Seal 4706 h 45 g	Non drive end 6316 C3 Lip Seal 8569 h 34 g obil Polyrex EM	
Notes:					

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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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

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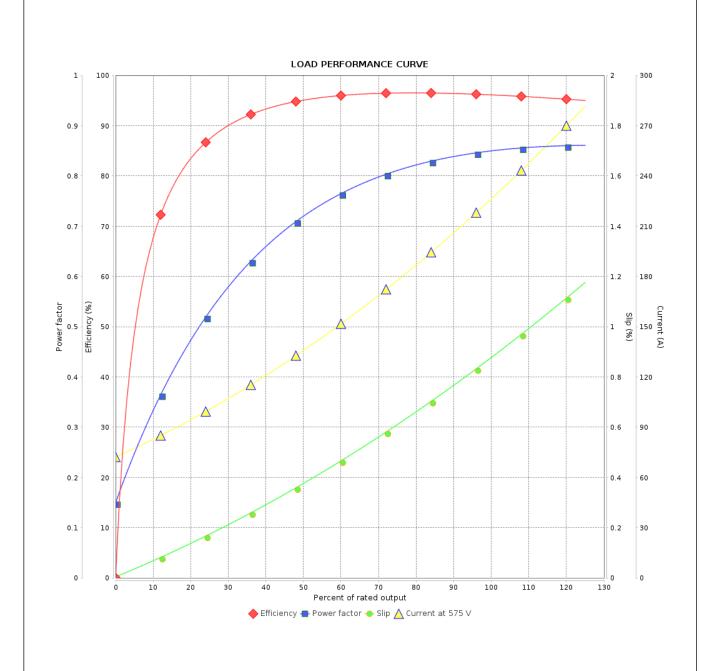


Customer :

Product line : W21 Explosion Proof NEMA Premium

Efficiency Three-Phase

Product code: 11349220



Performance	: 575 V 60 Hz 4P				
Rated current LRC Rated torque Locked rotor tord Breakdown torque Rated speed	: 227 A : 7.0 : 102 kgfm : 250 % : 250 % : 1784 rpm	Moment of Duty cycl Insulation Service fa Temperat Design	ı class actor	: 3.77 kgm² : Cont.(S1) : F : 1.15 : 80 K : B	
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