DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer Product line : W22 NEMA Premium Efficiency Three-Product code: 11949867 Locked rotor time Frame : 588/9T : 45s (cold) 25s (hot) Output : 400 HP (300 kW) Temperature rise : 80 K Poles Duty cycle : Cont.(S1) Frequency : 60 Hz Ambient temperature : -20°C to +40°C : 1000 m.a.s.l. Rated voltage : 575 V Altitude Protection degree Rated current : 398 A : IP55 : 2667 A Cooling method : IC411 - TEFC L. R. Amperes : 6.7x(Code H) **LRC** Mounting : F-1 : Both (CW and CCW) No load current : 192 A Rotation¹ Rated speed : 895 rpm Noise level² : 75.0 dB(A) Slip : 0.56 % Starting method : Direct On Line Rated torque : 324 kgfm Approx. weight³ : 2421 kg Locked rotor torque : 150 % Breakdown torque : 240 % Insulation class : F Service factor : 1.15 Output 25% 50% 75% 100% Foundation loads Efficiency (%) 0.000 95.0 95.6 95.7 Max. traction : 4119 kgf Power Factor 0.00 0.62 0.73 0.79 Max. compression : 6540 kgf Drive end Non drive end Bearing type 6322 C3 6319 C3 Taconite Labyrinth Taconite Labyrinth Sealing Lubrication interval 14000 h 17000 h 60 g Lubricant amount 45 g Lubricant type Mobil 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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Customer	:						
N/ II		Space heater information					
Voltage: 200 - 24	10 V						
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LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

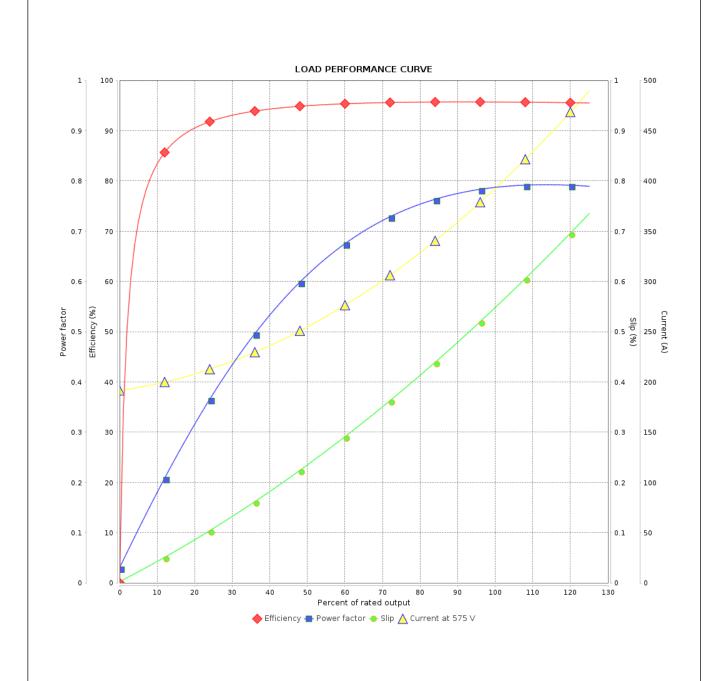


11949867

Customer :

Product line : W22 NEMA Premium Efficiency Three- Product code :

Phase



Performance	: 575 V 60 Hz 8P				
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed	: 398 A : 6.7 : 324 kgfm : 150 % : 240 % : 895 rpm	Moment of Duty cycle Insulation Service fa	class ctor	: Cont.(S1) : F : 1.15 : 80 K	
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