DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer	:				
Product line		xplosion Proc cy Three-Pha	of NEMA Premiu se	ım Product code :	14283768
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	•	: 143/5TC : 1.5 HP (1.1 : 4 : 60 Hz : 575 V : 1.64 A : 14.6 A : 8.9x(Code : 0.960 A : 1755 rpm : 2.50 % : 0.620 kgfm : 270 % : 350 % : F : 1.15 : 0.0055 kgn	L)	Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³	: 25s (cold) 14s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55 : IC411 - TEFC : F-1 : Both (CW and CCW) : 51.0 dB(A) : Direct On Line : 34.4 kg
Output Efficiency (%) Power Factor	50% 81.5 0.58	75% 85.5 0.70	100% 86.5 0.78	Foundation loads Max. traction Max. compression	: 44 kgf : 79 kgf
Bearing type Sealing Lubrication interva Lubricant amount Lubricant type Notes:	: : : : :		Orive end 6205 2RS Oil Seal - - - Mo	Non drive end 6204 2RS Lip Seal - - - Dbil 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	
Customer	

Thermal protection

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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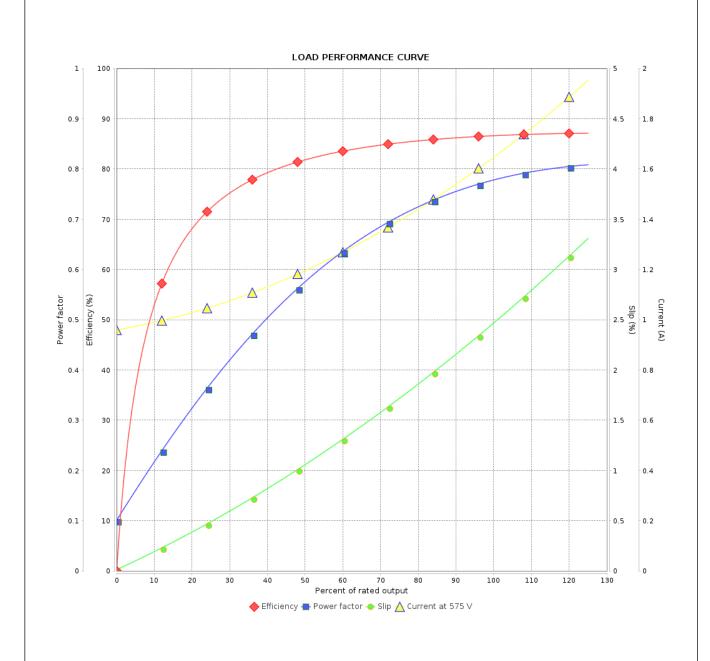


Customer :

Product line : W21 Explosion Proof NEMA Premium

Efficiency Three-Phase

Product code: 14283768



Performance	: 5	75 V 60 Hz 4P				
Rated current LRC Rated torque Locked rotor torq Breakdown torqu	: 8 : 0 jue : 2	: 8.9 : 0.620 kgfm Ins : 270 % Se		of inertia (J) e class actor ure rise	: 0.0055 kgm² : Cont.(S1) : F : 1.15 : 80 K	
Rated speed	: 1	755 rpm	Design		: B	
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