DATA SHEET

Three Phase Induction Motor - Squirrel Cage



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Customer	:				
Product line		: Explosion Three-Pha	n Proof Standard E ise	14224001	
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		: A56CEX : 0.25 HP (: 4 : 60 Hz : 575 V : 0.500 A : 2.50 A : 5.0x(Cod : 0.380 A : 1750 rpm : 2.78 % : 0.104 kgf : 280 % : 300 % : B : 1.15 : 0.0023 kg	e L) m	Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation ¹ Noise level ² Starting method Approx. weight ³	: 27s (cold) 15s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP44 : IC411 - TEFC : F-1 : Both (CW and CCW) : 50.0 dB(A) : Direct On Line : 12.9 kg
Moment of inert	50%	75%	100%	Foundation loads	
Efficiency (%) Power Factor	50.5 0.40	57.5 0.48	64.0 0.58	Max. traction Max. compression	: 3 kgf : 16 kgf
Bearing type Sealing Lubrication interval		: : Wit :	Drive end 6203 ZZ hout Bearing Seal -	Non drive en 6203 ZZ Without Bearino -	

Mobil Polyrex EM

Notes

Lubricant type

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

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ID	Application	Туре	Quantity	Sensing Temperature
1	Winding	Thermostat - 2 wires	1 x Phase	130 °C

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LOAD PERFORMANCE CURVE

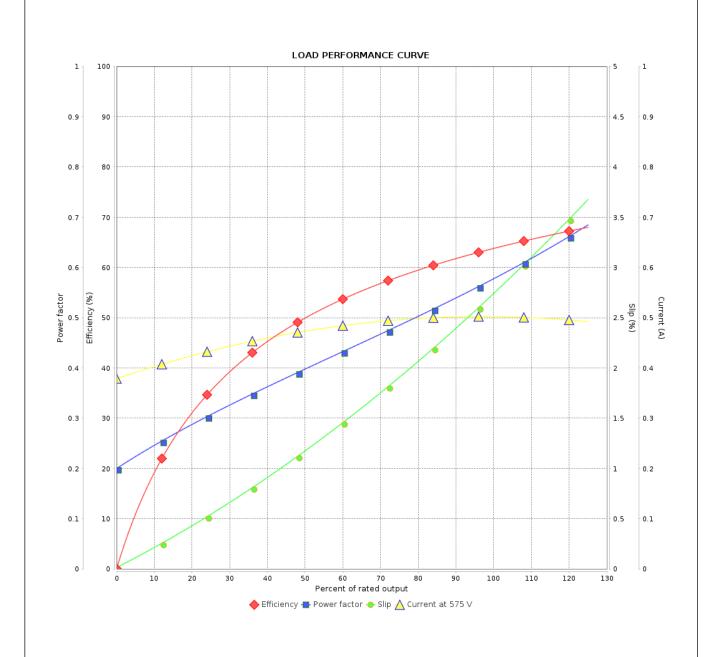
Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : Explosion Proof Standard Efficiency Product code : 14224001

Three-Phase



Performance : 575 V 60 Hz 4P Rated current : 0.500 A Moment of inertia (J) : 0.0023 kgm² **LRC** : 5.0 Duty cycle : Cont.(S1) : 0.104 kgfm Insulation class Rated torque : B Locked rotor torque : 280 % Service factor : 1.15 Breakdown torque : 300 % Temperature rise : 80 K Rated speed : 1750 rpm

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