DATA SHEET

Three Phase Induction Motor - Squirrel Cage



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Customer	:				
Product line		: Explosion Three-Pha		fficiency Product code :	10674700
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor tord Breakdown torque Insulation class Service factor Moment of inerti	ue	: A56EX : 0.33 HP (: 4 : 60 Hz : 575 V : 0.520 A : 2.70 A : 5.2x(Cod : 0.400 A : 1750 rpm : 2.78 % : 0.137 kgf : 240 % : 300 % : B : 1.15 : 0.0026 kg	e K) i	Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³	: 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 : 13.4 kg
Output Efficiency (%)	50% 66.0	75% 72.0	100% 74.0	Foundation loads Max. traction	: 6 kgf
Power Factor	0.43	0.50	0.65	Max. compression	: 19 kgf
Bearing type Sealing Lubrication inter Lubricant amour		: : Wit :	Drive end 6203 ZZ hout Bearing Seal -	Non drive en 6203 ZZ Without Bearing - -	_
Lubricant tupo			Mo	hil Dolyroy 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	

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

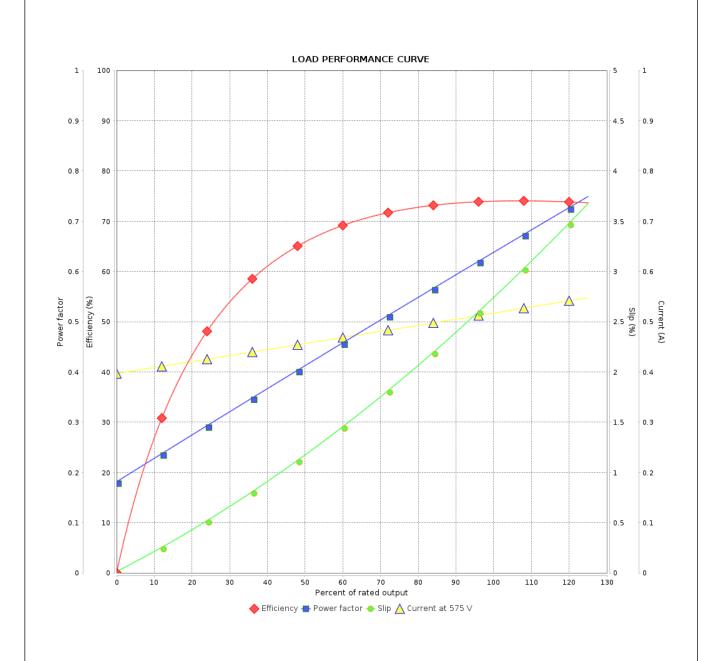
Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : Explosion Proof Standard Efficiency Product code : 10674700

Three-Phase



Performance	: 575 V 60 Hz 4P				
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed	: 0.520 A : 5.2 : 0.137 kgfm : 240 % : 300 % : 1750 rpm	Moment of Duty cycle Insulation Service fa Temperate	class ctor	: 0.0026 kgm ² : Cont.(S1) : B : 1.15 : 80 K	
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