DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer	:			
Product line	: W21 Explosion Proc Efficiency Three-Pha		n Product code :	11714263
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	: 444/5T : 125 HP : 6 : 60 Hz : 575 V : 120 A : 888 A : 7.4x(Code : 52.0 A : 1185 rpm : 1.25 % : 76.6 kgfm : 229 % : 240 % : F : 1.15 : 4.37 kgm² : B	H)	Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³	: 73s (cold) 41s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55 : IC411 - TEFC : F-1 : Both (CW and CCW) : 70.0 dB(A) : Direct On Line : 1028 kg
Efficiency (%) 9	75% 75% 95.0 67 0.76	100% 95.0 0.82	Foundation loads Max. traction Max. compression	: 1093 kgf : 2121 kgf
Bearing type Sealing Lubrication interval Lubricant amount Lubricant type Notes:	<u> </u>	Orive end NU-219 C3 Oil Seal 8864 h 28 g	Non drive end 6316 C3 Lip Seal 12823 h 34 g bil 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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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

Three Phase Induction Motor - Squirrel Cage

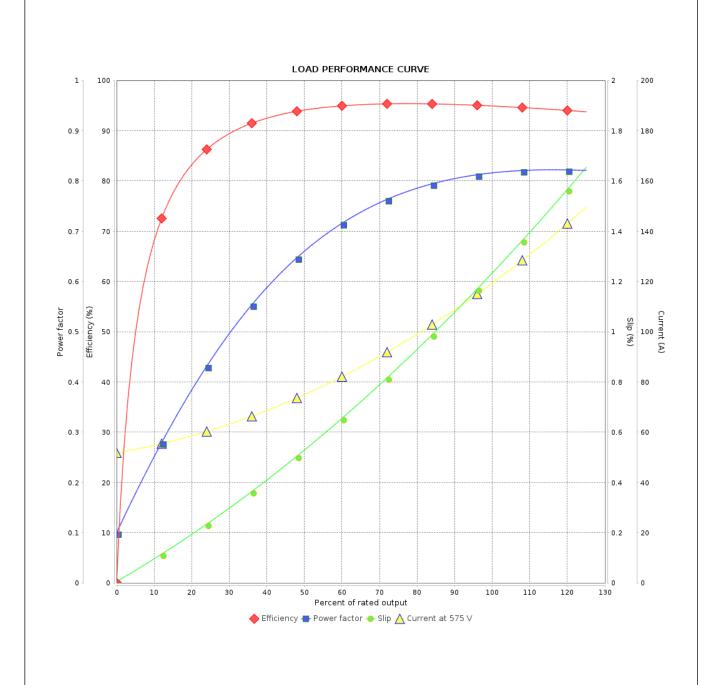


Customer :

Product line : W21 Explosion Proof NEMA Premium

Efficiency Three-Phase

Product code: 11714263



Performance	: 575 V 60 Hz 6P				
Rated current	: 120 A	Moment o	f inertia (J)	: 4.37 kgm²	
LRC	: 7.4	Duty cycle		: Cont.(S1)	
Rated torque	: 76.6 kgfm Insulation class		class	: F : 1.15	
Locked rotor torque	: 229 %	Service factor			
Breakdown torque	: 240 %	Temperati	ıre rise	: 80 K	
Rated speed	: 1185 rpm	Design		: B	
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Date