DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer	:				
Product line		: W21 Explosion Proof NEMA Premium Efficiency Three-Ph			15349039
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	e	: 447T : 150 HP (: 8 : 60 Hz : 575 V : 143 A : 858 A : 6.0x(Coo: : 60.0 A : 890 rpm : 1.11 % : 122 kgfm : 170 % : 200 % : F : 1.15 : 5.29 kgm	de G)	Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³	: 32s (cold) 18s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55 : IC411 - TEFC : F-1 : Both (CW and CCW) : 66.0 dB(A) : Direct On Line : 1202 kg
Output Efficiency (%) Power Factor	50% 94.5 0.68	75% 95.0 0.77	100% 94.5 0.82	Foundation loads Max. traction Max. compression	: 1538 kgf : 2742 kgf
Bearing type Sealing Lubrication interv Lubricant amount Lubricant type Notes		: : : : : : : : : : : : : : : : : : : :	Drive end 6319 C3 Viton Oil Seal 14016 h 45 g	Non drive end 6316 C3 Lip Seal 15904 h 34 g obil 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	
Custoniei	

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

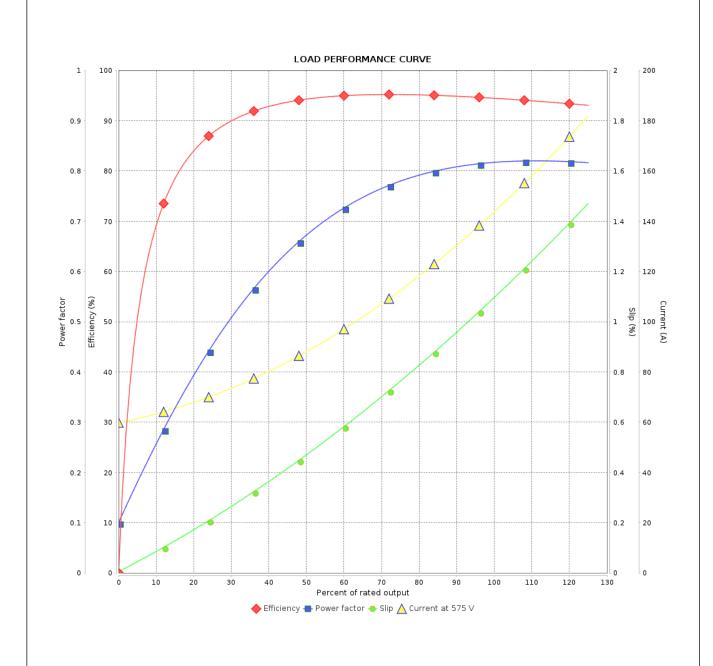


Customer :

Product line : W21 Explosion Proof NEMA

Premium Efficiency Three-Phase

Product code: 15349039



Performance	: 575 V 60 Hz 8P				
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed	: 143 A : 6.0 : 122 kgfm : 170 % : 200 % : 890 rpm	Moment of inert Duty cycle Insulation class Service factor Temperature ris Design	` ,	: 5.29 kgm² : Cont.(S1) : F : 1.15 : 80 K : B	
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Date

