DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer	:				
Product line			losion Proof NEM/ Efficiency Three-Pl		15949050
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	Э	: 286TC : 20 HP (1 : 6 : 60 Hz : 575 V : 19.4 A : 139 A : 7.2x(Cod : 7.20 A : 1175 rpm : 2.08 % : 12.4 kgfn : 250 % : 260 % : F : 1.15 : 0.3381 kg	e H)	Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³	: 39s (cold) 22s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55 : IC411 - TEFC : F-1 : Both (CW and CCW) : 59.0 dB(A) : Direct On Line : 227 kg
Output Efficiency (%) Power Factor	50% 91.7 0.70	75% 91.7 0.80	100% 91.7 0.85	Foundation loads Max. traction Max. compression	: 346 kgf : 573 kgf
Bearing type Sealing Lubrication interve Lubricant amount Lubricant type Notes		: : : : : : : : : : : : : : : : : : : :	Drive end 6311 2RS C3 Oil Seal - - Mo	Non drive end 6211 2RS C3 Lip Seal	

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

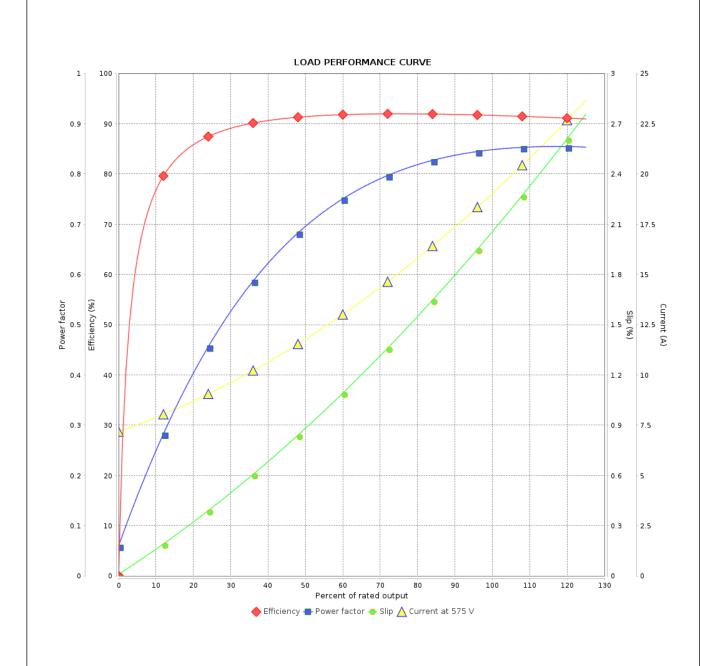


Customer :

Product line : W21 Explosion Proof NEMA Product

Premium Efficiency Three-Phase

Product code: 15949050



Performance	: 575 V 60 Hz 6P				
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed	: 19.4 A : 7.2 : 12.4 kgfm : 250 % : 260 % : 1175 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 0.3381 kgm² : Cont.(S1) : F : 1.15 : 80 K : B	
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30/10/2024

Date