DATA SHEET

Three Phase Induction Motor - Squirrel Cage



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Customer	:					
Product line	: W2 ⁻ Phas		n Proof Hig	h Efficiency	Three- Product code :	11114249
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 (Design		: 8 : 60 Hz : 230/4 : 154/7 : 893/4	2 (45 kW) 2 (60 V 27.0 A 47 A Code G) 32.0 A pm % i.lb		Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³	: 23s (cold) 13s (hot) : 105 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55 : IC411 - TEFC : F-1 : Both (CW and CCW) : 62.0 dB(A) : Direct On Line : 1164 lb
Output	25%	50%	75%	100%	Foundation loads	·
, ,				91.7 89.5	Max. traction	: 1989 lb
Power Factor	0.43 0.48	3 0.70 0.72	0.76 0.80	90.2 91.0 0.80 0.82 0.81 0.80	Max. compression	: 3153 lb
Bearing type Sealing Lubrication interval Lubricant amount Lubricant type	I	: : : : : : : : : : : : : : : : : : : :	<u>Drive</u> 6217 Oil S 1660 21	7 C3 Seal 02 h g	Non drive end 6314 C3 Lip Seal 17353 h 27 g bil Polyrex 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	
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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

Rev.		Changes Summary	Performed	Checked	Date
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