## **DATA SHEET**

### Three Phase Induction Motor - Squirrel Cage



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Customer	:					
Product line		Explosior ency Three		MA Premiui	m Product code : Catalog # :	12408374 10009XT3G445T
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	)	: 8 : 60 Hz : 460 V : 125 A : 763 A	P (75 kW)  Code G)  A  om  6  .lb		Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³	: 28s (cold) 16s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55 : IC411 - TEFC : F-1 : Both (CW and CCW) : 64.0 dB(A) : Direct On Line : 2081 lb
Output	25%	50%	75%	100%	Foundation loads	
Efficiency (%) Power Factor	93.5 92.5 0.43 0.41	93.6 93.0 0.68 0.65	94.1 93.6 0.77 0.75	94.1 94.1 94.1 94.1 0.80 0.79 0.78 0.76	Max. traction  Max. compression	: 3805 lb : 3805 lb
Bearing type Sealing Lubrication interva Lubricant amount Lubricant type	al	: : : : : : : : : : : : : : : : : : : :	<u>Drive</u> 6219 Viton C 152- 28	O C3 Oil Seal 47 h	Non drive end 6316 C3 Viton Seal 15904 h 34 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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#### Thermal protection

1		•		
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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