DATA SHEET

Three Phase Induction Motor - Squirrel Cage



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Customer	:					
Product line		Explosion ency Three		MA Premiur	m Product code : Catalog # :	12408387 45018XT3G586/7
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	9	: 586/7°: 450 H : 4 4 : 60 Hz : 460 V : 501 A : 3257 A : 6.5x(C : 121 A : 1787 I : 0.72 % : 1320 I : 180 % : 200 % : F : 1.15 : 213 sc : B	P (330 kW	/)	Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³	: 43s (cold) 24s (hot) : 105 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55 : IC411 - TEFC : F-1 : Both (CW and CCW) : 83.0 dB(A) : Direct On Line : 4404 lb
Output	25%	50%	75%	100%	Foundation loads	
Efficiency (%)	95.7 95.7	95.8 95.8	96.2 96.2	96.2 96.2 96.2 96.2	Max. traction	: 4238 lb
Power Factor				0.86 0.86	Max. compression	: 8630 lb
Bearing type Sealing Lubrication interva Lubricant amount Lubricant type		: : : :	<u>Drive</u> 6322 Viton C 513 60	2 C3 Dil Seal 88 h	Non drive end 6319 C3 Viton Seal 7038 h 45 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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