DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer	:					
Product line		Explosion ency Three		MA Premiur	m Product code : Catalog # :	14407156 00709XT3E256T
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	: 256T : 7.5 HF : 8 : 60 Hz : 230/46 : 23.2/1 : 123/6 : 5.3x(C : 14.4/7 : 880 rp : 2.22 % : 44.8 ft : 210 % : 280 % : F : 1.15 : 4.15 s	60 V 1.6 A 1.5 A Code H) (.20 A om 6 t.lb		Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³	: 41s (cold) 23s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55 : IC411 - TEFC : F-1 : Both (CW and CCW) : 55.0 dB(A) : Direct On Line : 369 lb
Output	25%	50%	75%	100%	Foundation loads	
Efficiency (%)				87.5 82.5	Max. traction	: 499 lb
Power Factor	0.27 0.33	0.48 0.56	0.60 0.66	84.0 85.5 0.68 0.73 0.71 0.70	Max. compression	: 865 lb
Bearing type Sealing Lubrication interval Lubricant amount Lubricant type Notes:		: : : : : : : : : : : : : : : : : : : :	<u>Drive</u> 6309 Oil S 2000 13	O C3 Seal OO h	Non drive end 6209 C3 Lip Seal 20000 h 9 g bil Polyrex EM	
NULES.						

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.

Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	28/03/2024			1/2	

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



_	
Customer	
Custoffici	

Thermal protection

l		•		
ID	Application	Туре	Quantity	Sensing Temperature
1	Winding	Thermostat - 2 wires	1 x Phase	155 °C

Rev.	Changes Summary		Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	28/03/2024			2/2	