DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer :								
Product line		Explosior		EMA Prem	ium	Product code : Catalog # :	144095 02009X	81 T3E324T
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	e	: 8 : 60 Hz : 230/4 : 55.0/2 : 292/1	60 V 17.5 A 46 A Code G) 4.4 A om 6 Ib			Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³	: 80 K : Cont. : -20°C : 1000 : IP55 : IC411 : F-1 : Both	to +40°C m.a.s.l. - TEFC (CW and CCW) dB(A) t On Line
Output	25%	50%	75%	100%	F	Foundation loads		
Efficiency (%)	91.5 92.1	91.7 91.0 89.5 89.5				Max. traction	: 927 lb	
Power Factor		0.56 0.63 0.59 0.55			-	Max. compression	: 1502 lb	
Bearing type Sealing Lubrication interva Lubricant amount Lubricant type		: : : : : : : : : : : : : : : : : : : :	Oil 200	2 C3 Seal 000 h 1 g	Лobil	Non drive end 6212 C3 Lip Seal 20000 h 13 g 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.

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	