DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer	:						
Product line		Explosion ency Three			/IA Premiui	m Product code : Catalog # :	14406980 00712XT3E254T
Frame Output Poles		: 254T : 7.5 HF	P (5.5 k	:W)		Locked rotor time Temperature rise Duty cycle	: 45s (cold) 25s (hot) : 80 K : Cont.(S1)
Frequency Rated voltage Rated current L. R. Amperes		: 60 Hz : 230/40 : 19.5/9	60 V 9.73 A			Ambient temperature Altitude Protection degree Cooling method	: -20°C to +40°C : 1000 m.a.s.l. : IP55 : IC411 - TEFC
LRC No load current Rated speed Slip		: 7.0x(0 : 10.4/5 : 1175 r	5.20 A [°] pm			Mounting Rotation ¹ Noise level ² Starting method	: F-1 : Both (CW and CCW) : 59.0 dB(A) : Direct On Line
Rated torque Locked rotor torque Breakdown torque Insulation class		: 33.5 fl : 270 % : 320 %	i.lb			Approx. weight ³	: 327 lb
Service factor Moment of inertia Design	(J)	: 1.15 : 3.32 s : B	q.ft.lb				
Output	25%	50%	75%		100%	Foundation loads	
Efficiency (%)		88.5 89.5 89.5 89.5				Max. traction	: 386 lb
Power Factor	0.34 0.40	0.58 0.65 0.62 0.59	0.71 0	.77	0.78 0.82	Max. compression	: 710 lb
Bearing type		:	Dr	ive e	end end	Non drive end 6209 C3	
Sealing		:	(Dil S	eal	Lip Seal	
Lubrication interva		:	2	2000		20000 h	
Lubricant amount Lubricant type		:		13	•	9 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.

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

1		•		
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	