

		<b>Model Number:</b> GA3-CI-TF-326JM-4-BR-D-50					
		<b>MFG PN:</b> 3959					
		<b>List Price:</b>					
All data shown at HIGH voltage setting		Format: STD 3 Phase					
Electrical Data				General Data			
Rated Motor Output Power	50.0	HP		Frame Size	326JM		
Rated Motor Speed	1770	r/min 60Hz		Enclosure	TEFC		
	2860	r/min 50Hz		Mounting	Rigid/C-Flange		
Rated Motor Voltage (3 Phase)	230/460	V/60Hz		NEMA Design	B		
	-	V/50Hz		IP Rating	55		
Rated Motor Current	118.4/59.2	A (In) @ 60Hz		Insulation Class	F		
	8.66/4.33	A (In) @ 50Hz		Tropicalization	1		
FL Current @ 208V	None	A (In) @ 60Hz		Duty	Cont. / S1		
Service Factor	1.25	@ 60Hz		Cable Entry	1-NPT 2"		
	1.25	@ 50Hz		Feet Removable	1		
KVA Code	E	60Hz		Double Drilled	1		
	-	50Hz		Frame Material	Cast Iron		
Nominal Efficiency	93.0	% @ 60Hz		Shaft Material	1045		
	84.4	% @ 50Hz		Coating	RAL	7024	
Nominal Power Factor	0.87	cos $\theta$ @ 60Hz					
Full Load Torque Ft-Lb	S			Mechanical Data			
Load Data	Trq Ft-Lb	Trq %FL	Current Amps	Bearing DE Side	6312 C3		
Locked Rotor				Bearing NDE Side	6312 C3		
Breakdown	12.8217804	424.0	-	Comp Ring (wavey washer)	NDE		
Pull Up	8.920814196	295.0	-	Weight	606.0	Lbs	
Load Data	RPM	Eff %	Current Amps	Moment of Inertia	0.3087	kg.m3	
125% of FL	1787.9	95.39	214.06	Site Conditions			
75% of FL	1792.3	95.48	146.37	Temp Rise @ Full Load °C	B	@ 60Hz	
50% of FL	1794.9	94.76	109.21	Ambient Temperature °C	40		
No Load	None	0	1.3	Altitude Above Sea Level (M)	1000		
Brake Torque (N-M)	100.0	<b>Loaded Torque Curves</b>		<b>NONE</b>			
Brake Coil Voltage	None	<b>P1 = Output Power (KW), S = Slip (% of Sync RPM), <math>\eta</math> = Efficiency (%), cos<math>\phi</math> = Power Factor</b>					

<b>CT VFD Range</b>		
Haz Loc Rating		
Options:		
<b>UL File Number</b>		
<b>CSA File Number</b>		
<b>DOE File Number</b>		
<b>CE APPROVAL</b>		
<b>Wiring Diagram</b>	<b>NEMA-3-12-DD/D</b>	

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<b>Model Number:</b>	GA3-CI-TF-326JM-4-BR-D-50
<b>MFG PN:</b>	
<b>List Price:</b>	3959

Dimensional Drawing (For Reference Only)

GA3-CI-TF-326JM-2D

Components

Item	Model	Description	List Price
C-Face Kit			
D-Flange Kit			
DE Endplate Kit			
NDE Endplate Kit			
Junction Box			
Cooling Fan Cover			
Cooling Fan			
Replacement Feet			
DE Bearing Retainer Kit			
NDE Bearing Retainer Kit			

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