

		Model Number: GA3-CI-TF-254JM-2-BR-D-15					
		MFG PN: 1731					
		List Price:					
All data shown at HIGH voltage setting		Format: STD 3 Phase					
Electrical Data				General Data			
Rated Motor Output Power	15.0	HP		Frame Size	254JM		
Rated Motor Speed	3540	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	35.2/17.6	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 1-1/4"		
	1.25	@ 50Hz		Feet Removable	1		
KVA Code	G	60Hz		Double Drilled	0		
	-	50Hz		Frame Material	Cast Iron		
Nominal Efficiency	90.2	% @ 60Hz		Shaft Material	1045		
	84.4	% @ 50Hz		Coating	RAL	7024	
Nominal Power Factor	0.89	cosθ @ 60Hz					
Full Load Torque Ft-Lb	S			Mechanical Data			
Load Data	Trq Ft-Lb	Trq %FL	Current Amps	Bearing DE Side	6309 C3		
Locked Rotor				Bearing NDE Side	6309 C3		
Breakdown	12.8217804	424.0	-	Comp Ring (wavey washer)	NDE		
Pull Up	8.920814196	295.0	-	Weight	278.0	Lbs	
Load Data	RPM	Eff %	Current Amps	Moment of Inertia	0.0476	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	Loaded Torque Curves		NONE			
Brake Coil Voltage	None	P1 = Output Power (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosφ = Power Factor					

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

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Dimensional Drawing (For Reference Only)

GA3-CI-TF-254JM-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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