

		<b>Model Number:</b> GA3-AL-TF-145JM-2-B-D-3					
		<b>MFG PN:</b> 630					
		<b>List Price:</b>					
All data shown at HIGH voltage setting		Format: STD 3 Phase					
Electrical Data				General Data			
Rated Motor Output Power		3.0	HP	Frame Size		145JM	
Rated Motor Speed		3490	r/min 60Hz	Enclosure		TEFC	
		2860	r/min 50Hz	Mounting		Rigid/C-Flange	
Rated Motor Voltage (3 Phase)		230/460	V/60Hz	NEMA Design		A	
		-	V/50Hz	IP Rating		55	
Rated Motor Current		7.78/3.89	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 3/4"	
		1.25	@ 50Hz	Feet Removable		1	
KVA Code		L	60Hz	Double Drilled		0	
		-	50Hz	Frame Material		Cast Aluminum	
Nominal Efficiency		85.5	% @ 60Hz	Shaft Material		1045	
		84.4	% @ 50Hz	Coating		RAL	7024
Nominal Power Factor		0.83	cosθ @ 60Hz				
Full Load Torque Ft-Lb		S		Mechanical Data			
Load Data	Trq Ft-Lb	Trq %FL	Current Amps	Bearing DE Side		6206ZZ	
Locked Rotor				Bearing NDE Side		6205ZZ	
Breakdown	12.8217804	424.0	-	Comp Ring (wavey washer)		NDE	
Pull Up	8.920814196	295.0	-	Weight		50.0	Lbs
Load Data	RPM	Eff %	Current Amps	Moment of Inertia		None	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			

<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-3-9-YY/Y</b>	

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<b>MFG PN:</b>	
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Dimensional Drawing (For Reference Only)

GA3-AL-TF-145JM-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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