



				<b>Model Number</b>		<b>GX3-AL-TF-145T-4-B-D-2</b>		
				<b>MFG PN</b>				
				<b>List Price</b>		<b>501</b>		
All data shown at HIGH voltage setting						Format   STD 3 Phase		
<b>Electrical Data</b>				<b>General Data</b>				
Rated Motor Output Power		2.0 HP		Frame Size		145T		
Rated Motor Speed		r/min		Enclosure		TEFC		
Rated Motor Voltage (3 Phase)		None Volts - HZ		Approximate Weight		39.5		
Rated Motor Current		Amps		NEMA Design		B		
Service Factor		1.25		IP Rating		55		
KVA Code				Insulation Class		F		
Nominal Efficiency		86.5 %		Tropicalization				
Nominal Power Factor		0.78 cosθ		Duty		Cont. / S1		
Full Load Torque Ft-Lb		Ft-Lb		Cable Entry		1-NPT 3/4"		
Temp Rise @ Full Load °C				Feet Removable		1		
Efficiency Level		Premium		Double Drilled		0		
<b>Load Data</b>	<b>RPM</b>	<b>Trq %FL</b>	<b>Current Amps</b>	Rated Ambient (°C)		40		
Locked Rotor	-			Rated Altitude (M)		1000		
Breakdown	-	19.68000205	-	Coating		7024 - Graphite Gray		
Pull Up	-	213.0	-	Shaft Grounding		1000		
125% of FL	3472.1	-	3.14	Brake Voltage (DC)		None		
75% of FL	3529.7	-	2.08	Brake Torque (N-M)		8.0		
50% of FL	3554.1	-	1.67	<b>Mechanical Data</b>				
No Load	None	-	1.29					
Hazardous Location				Bearing DE Side		6205ZZ		
				Bearing NDE Side		6205ZZ		
				Moment of Inertia		kg.m2		
				Noise Level		Per NEMA dB (A)		
CT VFD Range					<b>Loaded Torque Curves</b>		<b>GR3-CI-TF-145T-4-B-D-2</b>	
<b>P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosφ = Power Factor</b>								
<b>Certifications</b>	<b>UL</b>	<b>CSA</b>	<b>DOE</b>					
<b>File Numbers</b>								
<b>Wiring Diagram</b>	<b>NEMA-3-9-YY/Y</b>							
Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540								



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Base Frame	

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