



Model Number GX3-CI-TF-449TS-2-BR-E-450-460-60

MFG PN T449TS450U2B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power	450 HP			Frame Size	449
Rated Motor Speed	3580 r/min			Enclosure	TEFC
Rated Motor Voltage (3 Phase)	460-60 Volts - HZ			Approximate Weight	--
Rated Motor Current	524 Amps			NEMA Design	A
Service Factor	1.15			IP Rating	55
KVA Code	K			Insulation Class	F
Nominal Efficiency	95.8 %			Tropicalization	YES
Nominal Power Factor	0.84 cosθ			Duty	cont
Full Load Torque Ft-Lb	658 Ft-Lb			Cable Entry	1.25
Temp Rise @ Full Load °C	80.8			Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium			Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	364	4789	Rated Altitude (M)	1000
Breakdown	-	457	-	Coating	7024 - Graphite Grey
Pull Up	-	380	-	Shaft Grounding	YES
125% of FL	3579	-	588.8	Brake Voltage (DC)	--
75% of FL	3587	-	414.49	Brake Torque (N-M)	--
50% of FL	3591	-	319.39	Mechanical Data	
No Load	--	-	213	Bearing DE Side	6317 C3
Hazardous Location	Class 1, Div 2 Grp A,B,C,D			Bearing NDE Side	6317 C3
				Moment of Inertia	-- kg.m2
				Noise Level	Per NEMA dB (A)
CT VFD Range		--		Loaded Torque Curves	
				P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosφ = Power Factor	
Certifications	UL	CSA	DOE		
File Numbers	323353	224693	096A		
Wiring Diagram	3Phase 6 Lead				

