



Model Number GR3-CI-TF-449TC-4-BR-E-300-460-60

MFG PN T449T300U4B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power	300 HP			Frame Size	449
Rated Motor Speed	1785 r/min			Enclosure	TEFC
Rated Motor Voltage (3 Phase)	460-60 Volts - HZ			Approximate Weight	2421.3
Rated Motor Current	648/324 Amps			NEMA Design	A
Service Factor	1.15			IP Rating	55
KVA Code	H			Insulation Class	F
Nominal Efficiency	96.2 %			Tropicalization	YES
Nominal Power Factor	0.9 cosθ			Duty	Cont.
Full Load Torque Ft-Lb	877.744 Ft-Lb			Cable Entry	1.25
Temp Rise @ Full Load °C	76.2			Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium			Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	467	4082	Rated Altitude (M)	1000
Breakdown	-	470	-	Coating	7024 - Graphite Grey
Pull Up	-	353	-	Shaft Grounding	NO
125% of FL	1788	-	376.61	Brake Voltage (DC)	--
75% of FL	1792	-	258.84	Brake Torque (N-M)	--
50% of FL	1795	-	194.65	Mechanical Data	
No Load	--	-	121.7	Bearing DE Side	6319 C3
Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing NDE Side	6319 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	3PH 12 Lead Dual Voltage				



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Base Frame	GR-449TC-CI-TF

Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540