



Model Number	GR3-CI-TF-444T-6-RR-D-100-230 460-60
MFG PN	T444T100U6B
List Price	--

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power	100 HP			Frame Size	444
Rated Motor Speed	1190 r/min			Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ			Approximate Weight	1586
Rated Motor Current	230/115 Amps			NEMA Design	A
Service Factor	1.15			IP Rating	55
KVA Code	K			Insulation Class	F
Nominal Efficiency	95 %			Tropicalization	YES
Nominal Power Factor	0.86 cosθ			Duty	Cont.
Full Load Torque Ft-Lb	449.1984 Ft-Lb			Cable Entry	1.25
Temp Rise @ Full Load °C	76			Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium			Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	216	851.2	Rated Altitude (M)	1000
Breakdown	-	202	-	Coating	7024 - Graphite Grey
Pull Up	-	89	-	Shaft Grounding	NO
125% of FL	1189	-	141.7	Brake Voltage (DC)	--
75% of FL	1194	-	87	Brake Torque (N-M)	--
50% of FL	1196	-	63.14	Mechanical Data	
No Load	--	-	33.69	Bearing DE Side	NU 319
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		



