



Model Number GR3-CI-TF-447TC-4-BR-E-200-460-60

MFG PN T447T 200U4B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data

General Data

Rated Motor Output Power	200 HP	Frame Size	447
Rated Motor Speed	1785 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	460-60 Volts - HZ	Approximate Weight	2109
Rated Motor Current	217 Amps	NEMA Design	BE
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	293.196 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	88.5	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

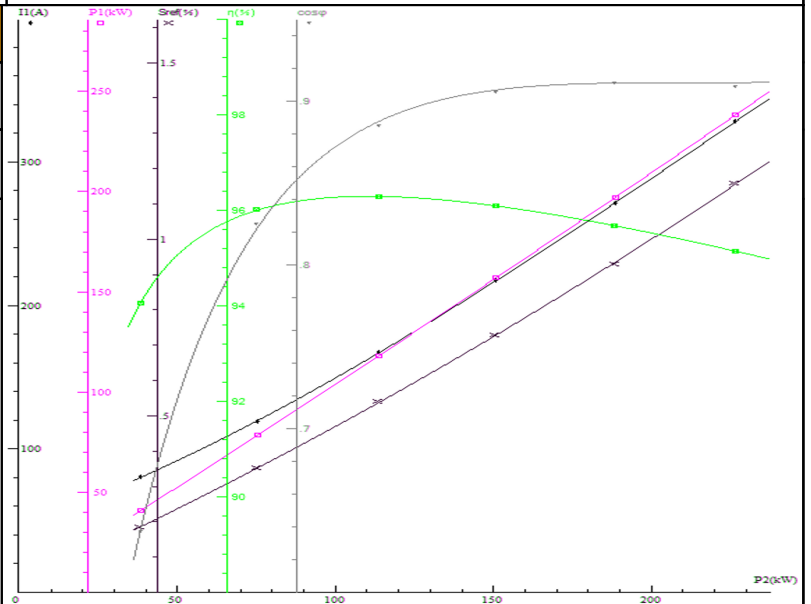
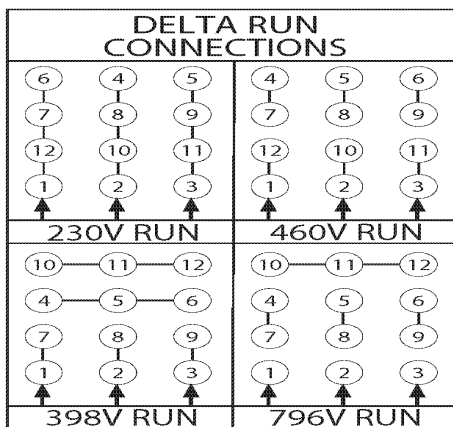
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	260	1958	Rated Altitude (M)	1000
Breakdown	-	424	-	Coating	7024 - Graphite Grey
Pull Up	-	22	-	Shaft Grounding	NO
125% of FL	1781	-	287.3	Brake Voltage (DC)	
75% of FL	1788	-	188.32	Brake Torque (N-M)	
50% of FL	1792	-	132.79	Mechanical Data	
No Load	1800	-	61.44		

Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing DE Side	6319 C3
				Bearing NDE Side	6319 C3
				Moment of Inertia	kg.m2
				Noise Level	Per NEMA dB (A)

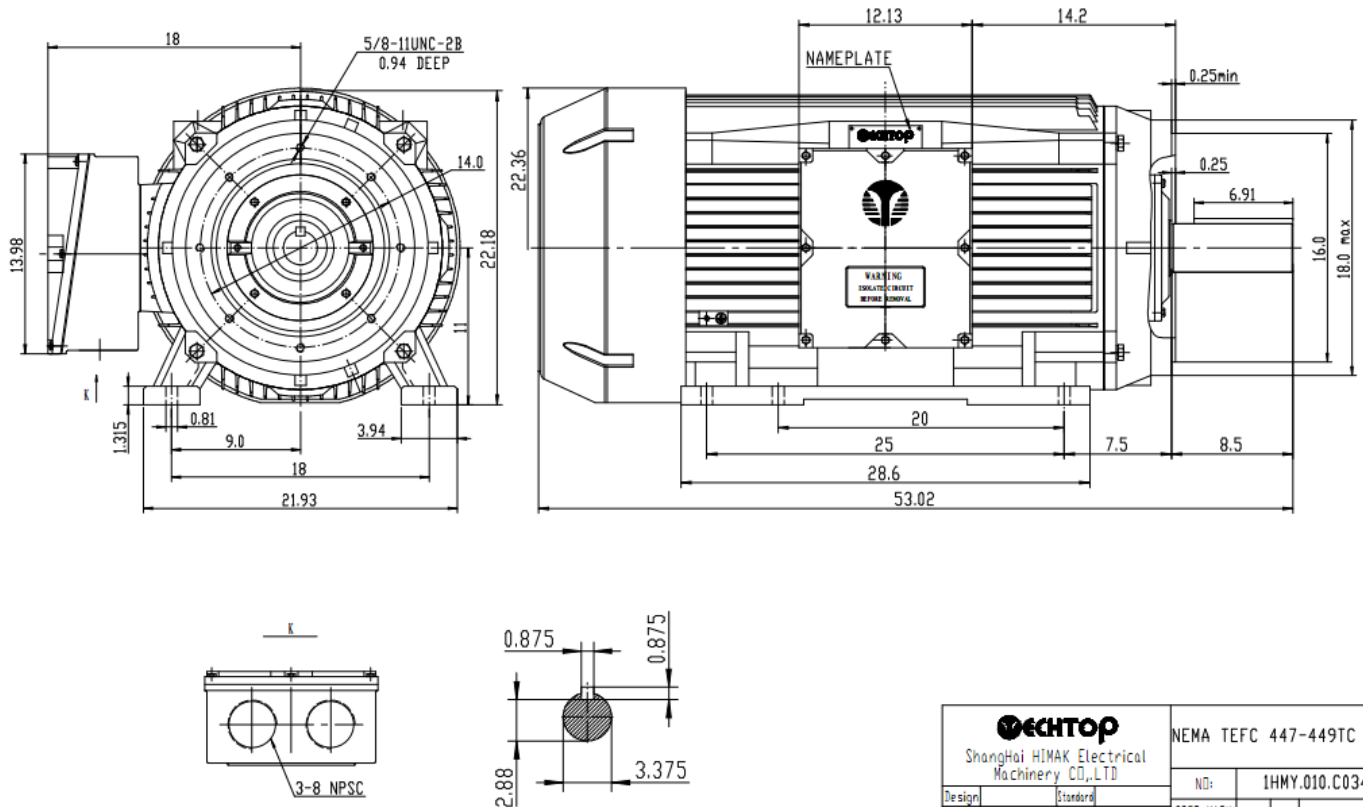
CT VFD Range	--	Loaded Torque Curves	--
P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosφ = Power Factor			

Certifications	UL	CSA	DOE
File Numbers	323353	224693	096A

Wiring Diagram	3PH 12 Lead Dual Voltage
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TECHTOP		NEMA TEFC 447-449TC CFC	
Shanghai HIMAK Electrical Machinery CO., LTD		NO:	1HMY.010.C034
Design	Standard	STEP MARK	14.5
Checker	Allow	SORT	Cast iron Motor
Auditing	Date		