



Model Number	GR3-CI-TF-405T-6-RR-D-75-230 460-60
MFG PN	T405T 75U6B
List Price	--

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data		General Data	
Rated Motor Output Power	75 HP	Frame Size	405
Rated Motor Speed	1185 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	1084
Rated Motor Current	173/86.5 Amps	NEMA Design	BE
Service Factor	1.15	IP Rating	55
KVA Code	H	Insulation Class	F
Nominal Efficiency	94.5 %	Tropicalization	YES
Nominal Power Factor	0.86 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	325.2816 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	71.7	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

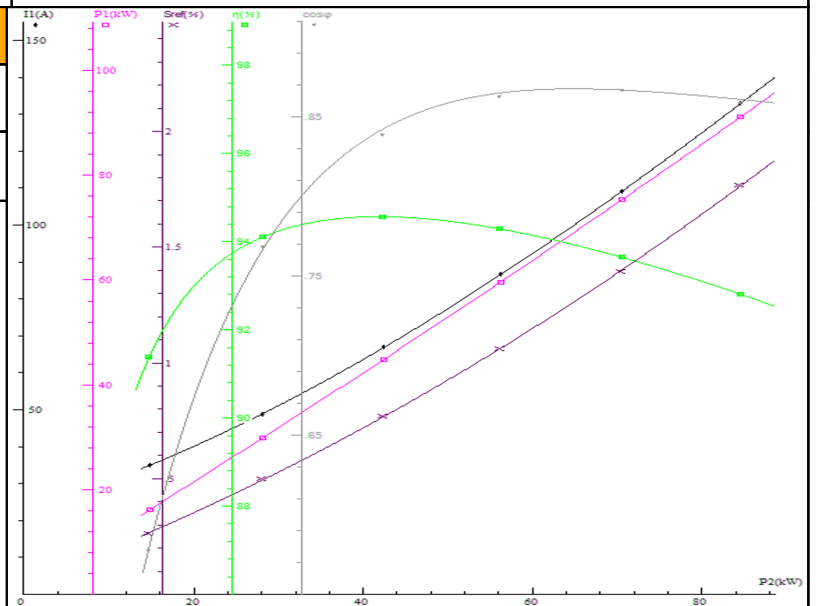
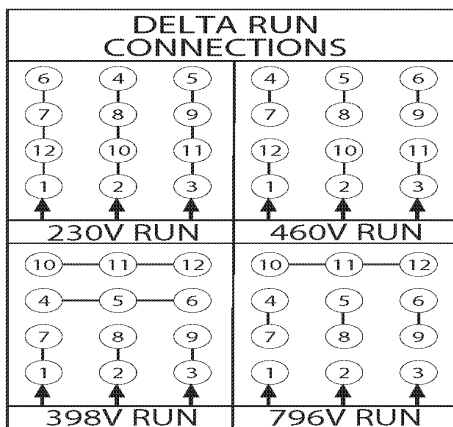
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	
Locked Rotor	-	215	647	40	
Breakdown	-	233	-	1000	
Pull Up	-	120	-	Coating	
125% of FL	1184	-	107	7024 - Graphite Grey	
75% of FL	1191	-	65.89	Shaft Grounding	
50% of FL	1194	-	48.43	NO	
No Load	-	-	27.9	Brake Voltage (DC)	
Hazardous Location				Brake Torque (N-M)	
				Mechanical Data	
				Bearing DE Side	
				NU 316	

Class 1, Div 2, Grp A,B,C,D

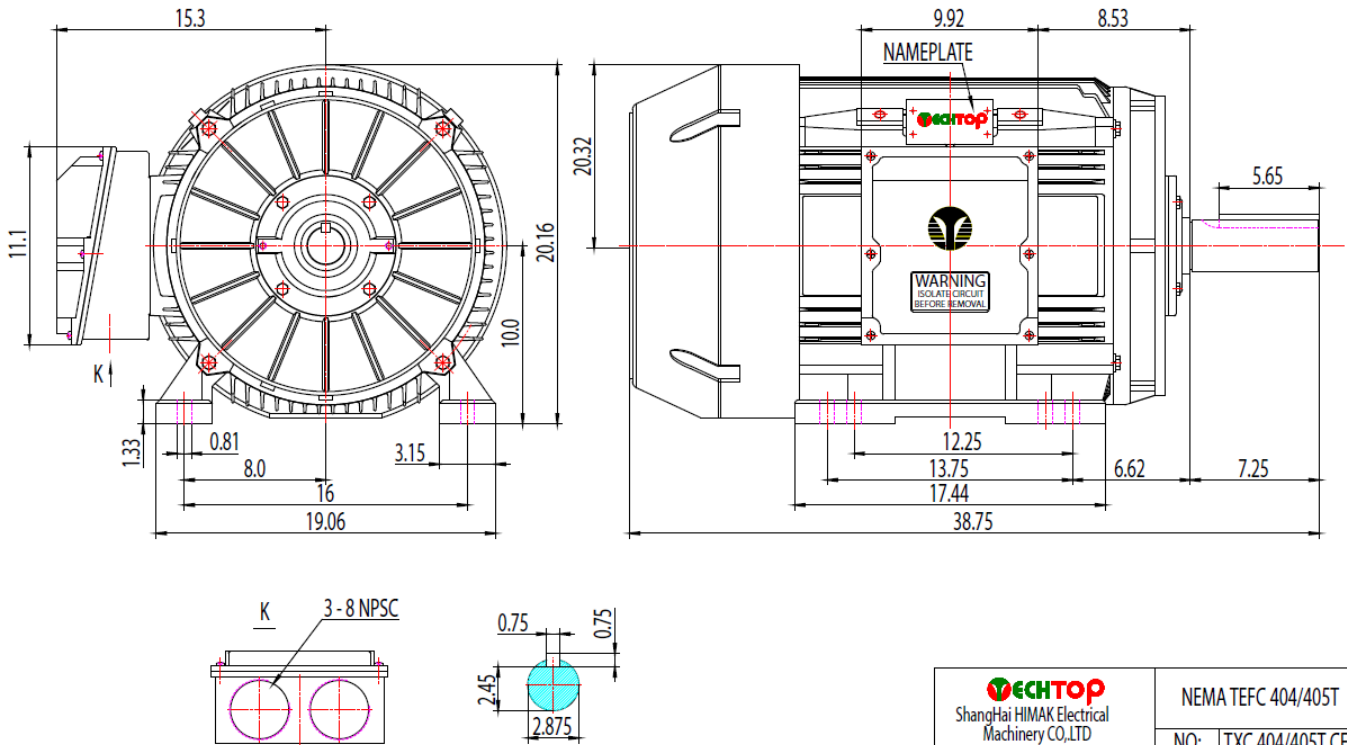
Bearing NDE Side	6314 C3
Moment of Inertia	kg.m2
Noise Level	Per NEMA dB (A)

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		



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



 ShangHai HIMAK Electrical Machinery CO.,LTD			NEMA TEFC 404/405T		
Design	Yang	Standard	NO:	TXC 404/405T CFC	
Checker	01.06.2016	Allow	STEP MARK	1:3.5	SORT Cast iron Motor
Auditing		Date			