



Model Number GR3-CI-TF-405T-6-RR-F-75-575-60

MFG PN T405T75U6B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data

General Data

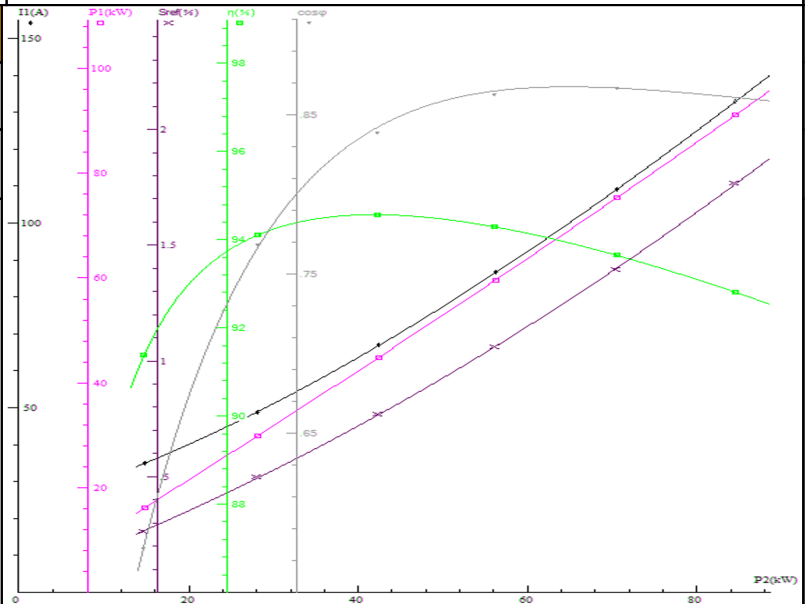
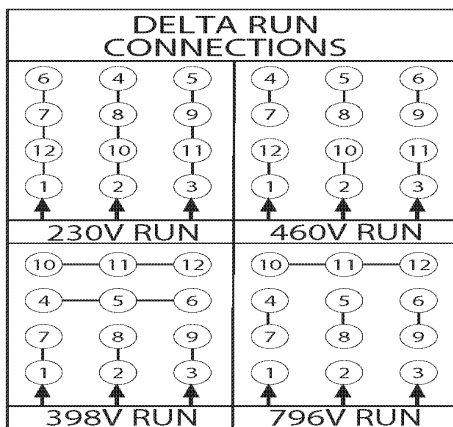
Rated Motor Output Power	75 HP	Frame Size	405
Rated Motor Speed	1185 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	575-60 Volts - HZ	Approximate Weight	1042.8
Rated Motor Current	69.2 Amps	NEMA Design	A
Service Factor	1.15	IP Rating	55
KVA Code	H	Insulation Class	F
Nominal Efficiency	94.5 %	Tropicalization	YES
Nominal Power Factor	0.86 cos ϕ	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)	40
Locked Rotor	-	215	518	Rated Altitude (M)	1000
Breakdown	-	233	-	Coating	7024 - Graphite Grey
Pull Up	-	120	-	Shaft Grounding	NO
125% of FL	1184	-	85.6	Brake Voltage (DC)	--
75% of FL	1191	-	52.71	Brake Torque (N-M)	--
50% of FL	1194	-	38.74	Mechanical Data	
No Load	--	-	22.32		

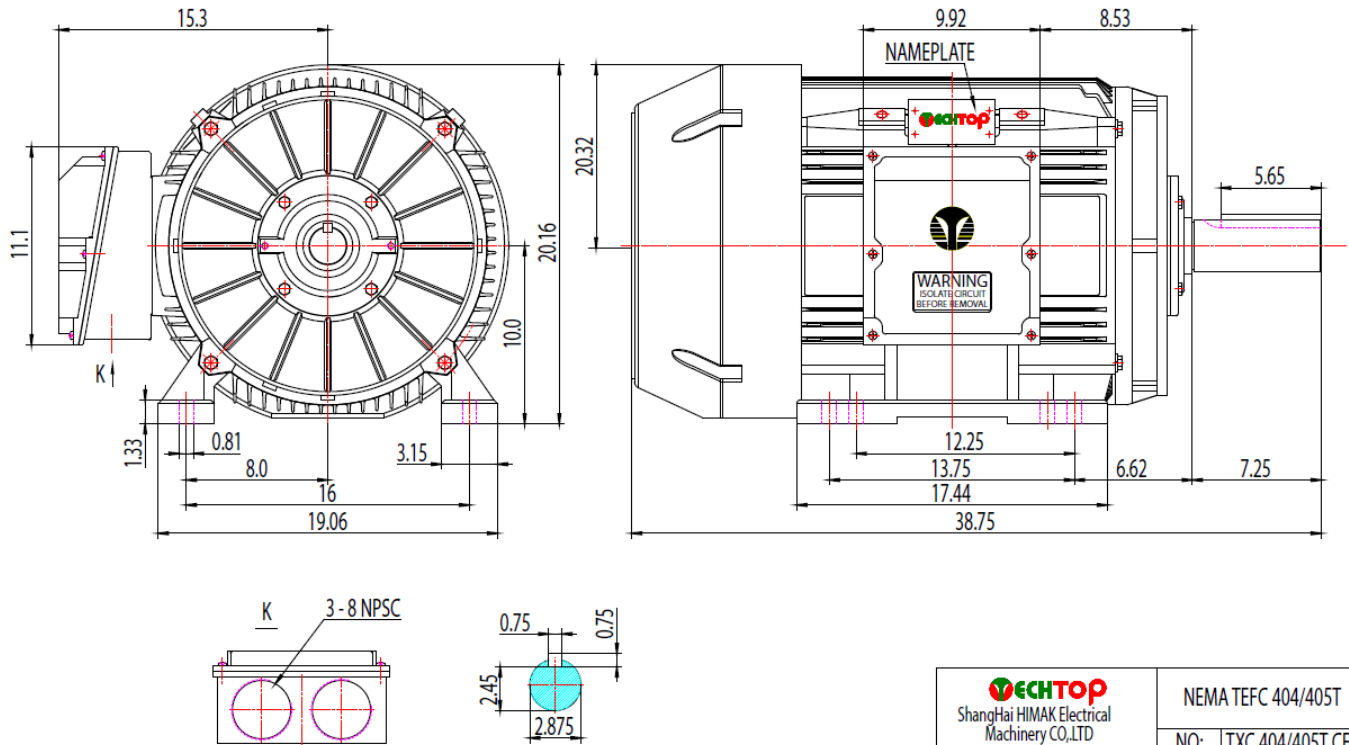
Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing DE Side	NU 316
				Bearing NDE Side	6314 C3
				Moment of Inertia	-- kg.m2
				Noise Level	Per NEMA dB (A)

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