



Model Number	GR3-CI-TF-405T-6-RR-D-75-230 460-60
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)	230 460-60 Volts - HZ	Approximate Weight	1042.8
Rated Motor Current	173/86.5 Amps	NEMA Design	A
Service Factor	1.15	IP Rating	55
KVA Code	L	Insulation Class	F
Nominal Efficiency	94.5 %	Tropicalization	YES
Nominal Power Factor	0.86 cos θ	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

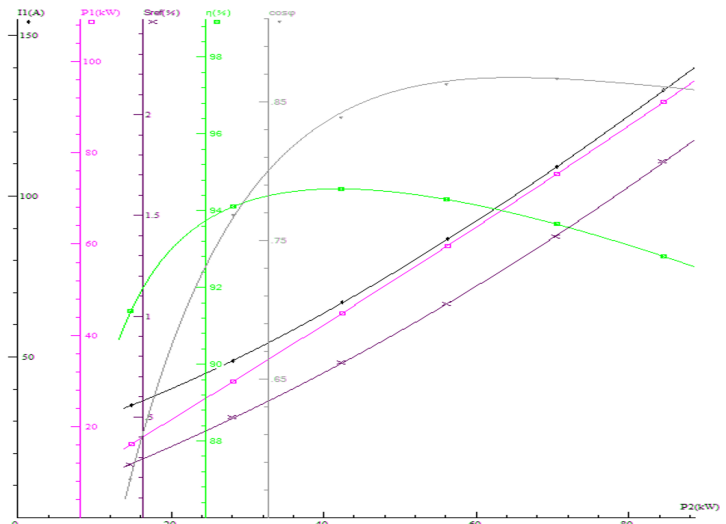
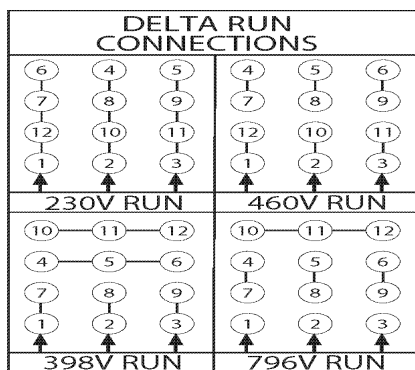
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	
Locked Rotor	-	215	647	Rated Altitude (M)	1000
Breakdown	-	233	-	Coating	7024 - Graphite Grey
Pull Up	-	120	-	Shaft Grounding	NO
125% of FL	1184	-	107	Brake Voltage (DC)	--
75% of FL	1191	-	65.89	Brake Torque (N-M)	--
50% of FL	1194	-	48.43	Mechanical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

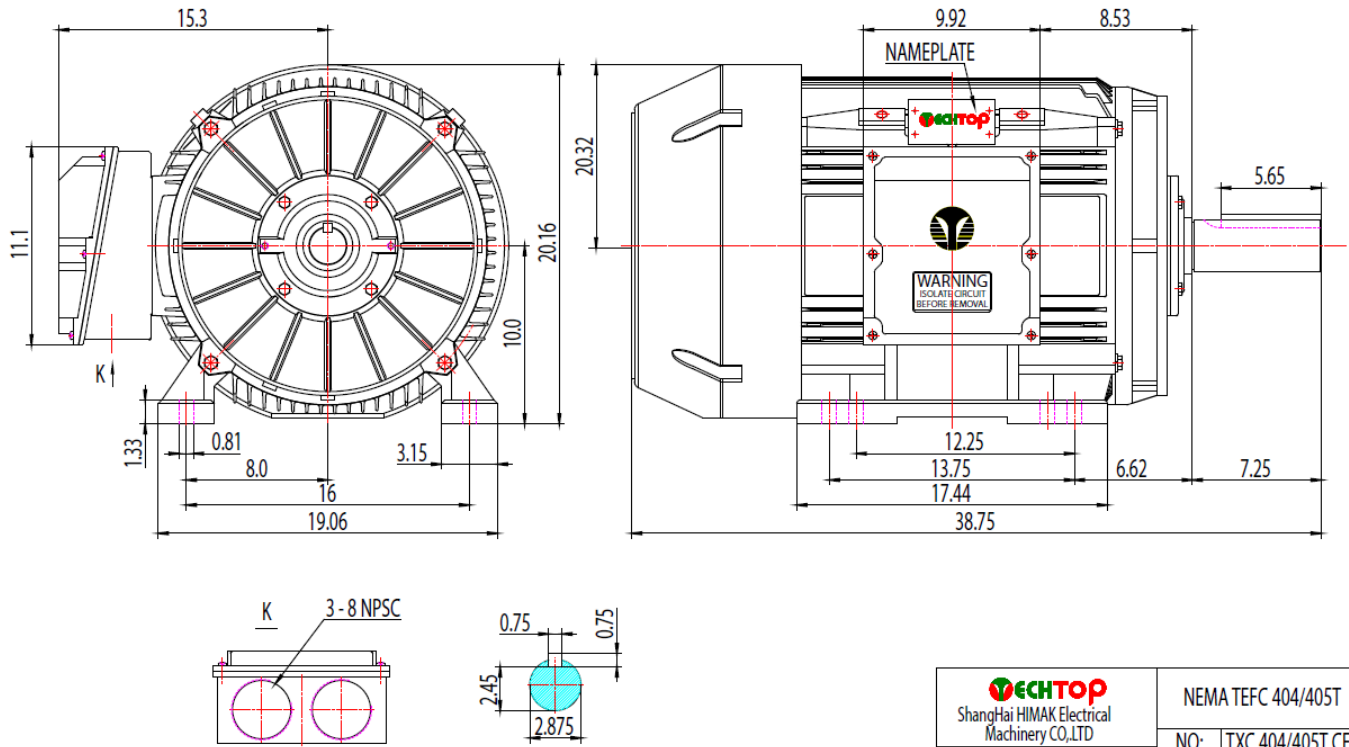
Hazardous Location	Class 1, Div 2, Grp A,B,C,D		Bearing NDE Side	6314 C3
			Moment of Inertia	-- kg.m2
			Noise Level	Per NEMA dB (A)

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

Certifications	UL	CSA	DOE
File Numbers	323353	224693	096A

Wiring Diagram	3PH 12 Lead Dual Voltage
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 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			