



Model Number OX3-CI-TF-405T-4-RR-E-100-460-60

MFG PN T405T100U4B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data

General Data

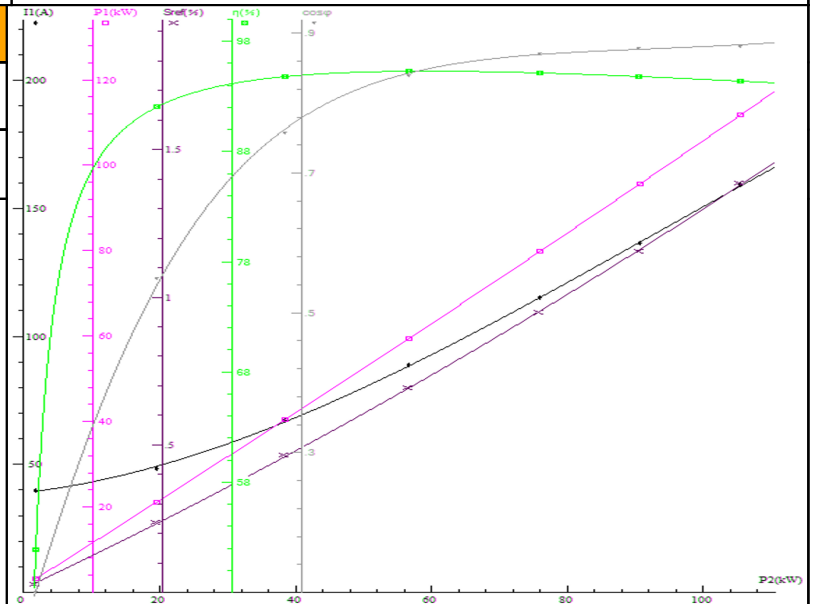
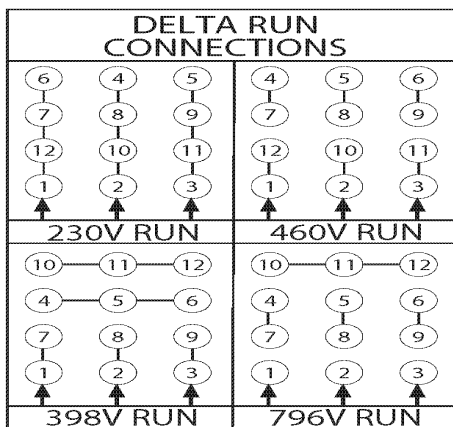
Rated Motor Output Power	100 HP	Frame Size	405
Rated Motor Speed	1780 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	460-60 Volts - HZ	Approximate Weight	--
Rated Motor Current	228/114 Amps	NEMA Design	C
Service Factor	1.15	IP Rating	55
KVA Code	L	Insulation Class	F
Nominal Efficiency	95.4 %	Tropicalization	YES
Nominal Power Factor	0.86 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	294.3024 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	70.3	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	332	1130	Rated Altitude (M)	1000
Breakdown	-	154	-	Coating	7024 - Graphite Grey
Pull Up	-	99	-	Shaft Grounding	NO
125% of FL	1778	-	141.43	Brake Voltage (DC)	--
75% of FL	1788	-	87.98	Brake Torque (N-M)	--
50% of FL	1792	-	65.67	Mechanical Data	
No Load	--	-	41.22		

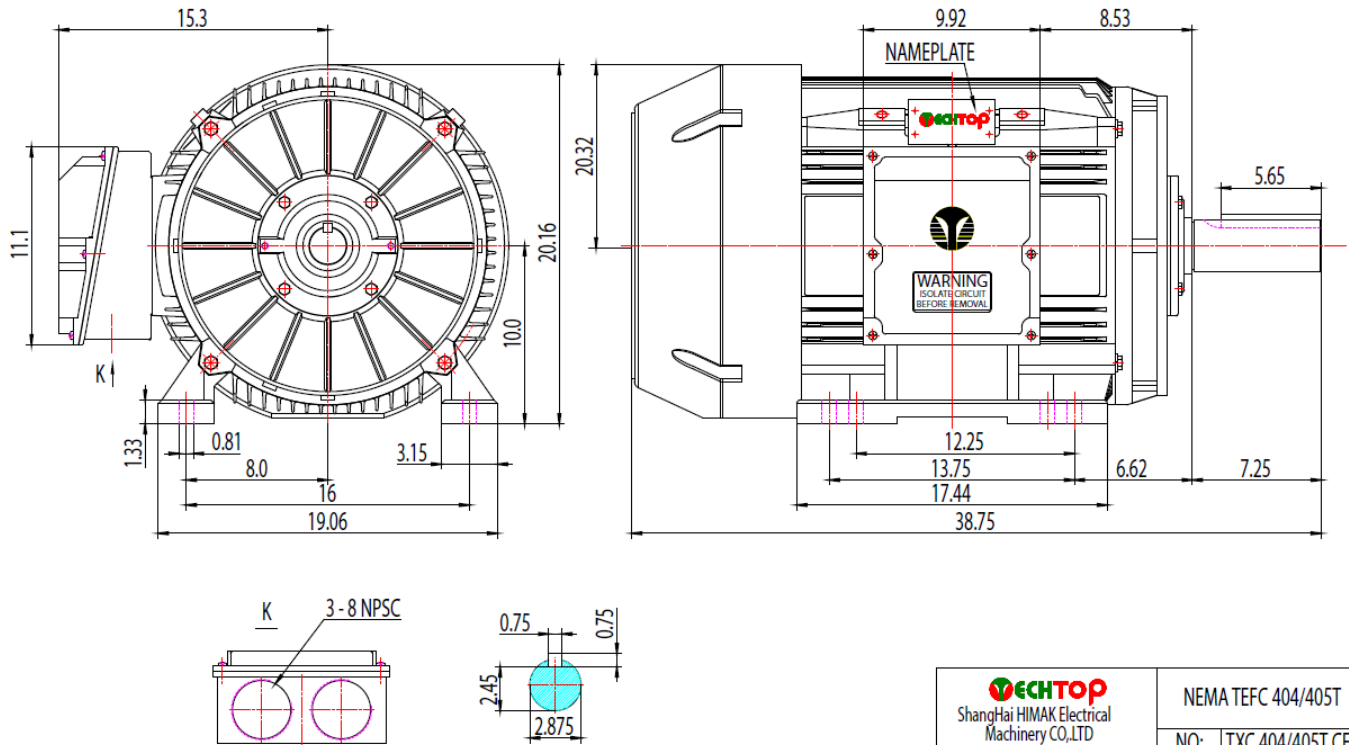
Hazardous Location	CL/III Div2 Grp C,D/F,G			Bearing DE Side	6316 C3
				Bearing NDE Side	6314 C3
				Moment of Inertia	-- kg.m2
				Noise Level	Per NEMA dB (A)

CT VFD Range	--	Loaded Torque Curves	--
$P_1 = \text{INPUT POWER (KW)}$, $S = \text{Slip (\% of Sync RPM)}$, $\eta = \text{Efficiency (\%)}$, $\cos\phi = \text{Power Factor}$			

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	
Checker	01.06.2016	Allow	
Auditing		Date	
NO: TXC 404/405T CFC		STEP MARK 1:3.5 SORT Cast iron Motor	