



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

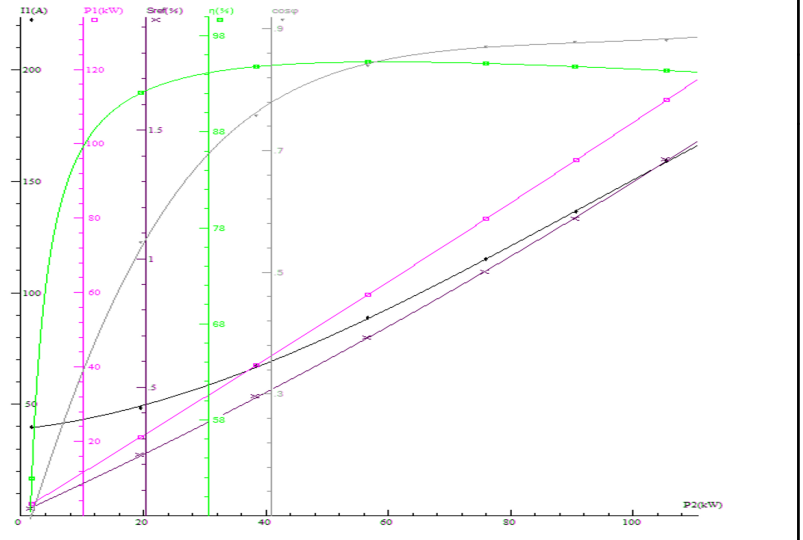
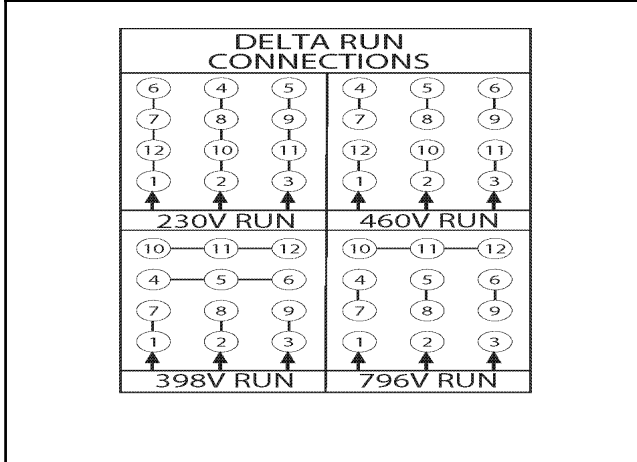
Electrical Data		General Data	
Rated Motor Output Power	100 HP	Frame Size	405
Rated Motor Speed	1780 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	460-60 Volts - HZ	Approximate Weight	--
Rated Motor Current	228/114 Amps	NEMA Design	C
Service Factor	1.15	IP Rating	55
KVA Code	L	Insulation Class	F
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	Mechanical Data	
Locked Rotor	-	332	1130	Rated Ambient (°C)	40
Breakdown	-	154	-	Rated Altitude (M)	1000
Pull Up	-	99	-	Coating	7024 - Graphite Grey
125% of FL	1778	-	141.43	Shaft Grounding	NO
75% of FL	1788	-	87.98	Brake Voltage (DC)	--
50% of FL	1792	-	65.67	Brake Torque (N-M)	--
No Load	--	-	41.22		

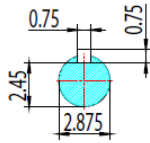
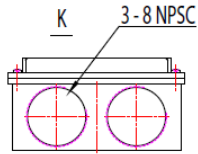
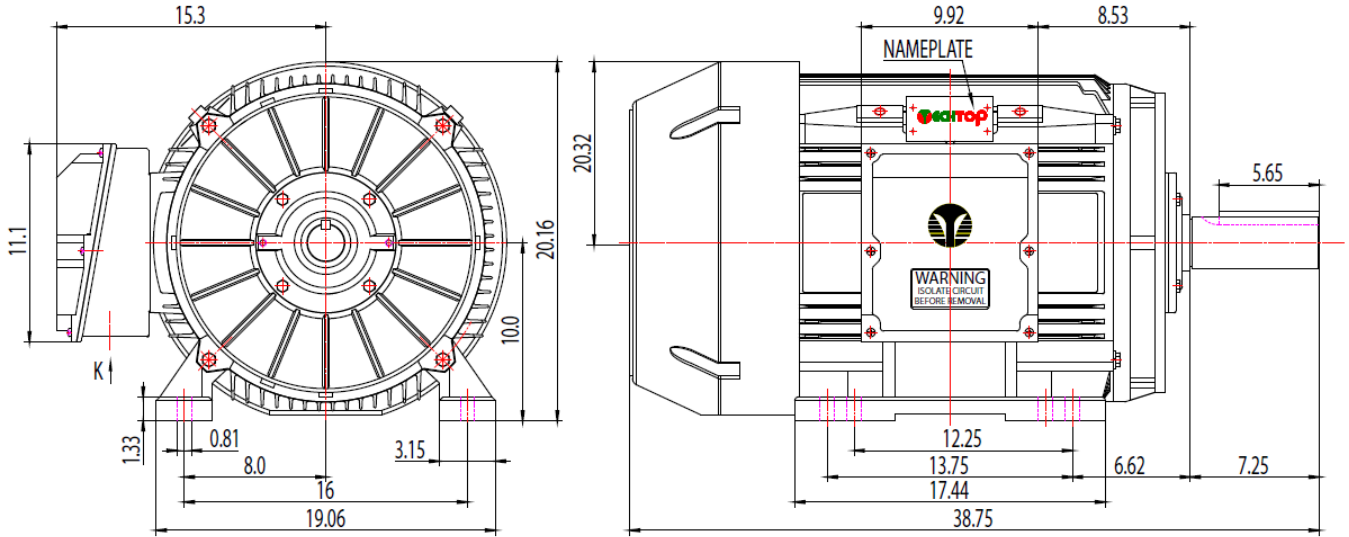
Hazardous Location	CL/II Div2 Grp C,D/F,G			Bearing DE Side	6316 C3
				Bearing NDE Side	6314 C3
				Moment of Inertia	-- kg.m2
				Noise Level	Per NEMA dB (A)


CT VFD Range	--	Loaded Torque Curves	--
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		



Model Number	OX3-CI-TF-405T-4-RR-E-100-460-60
MFG PN	T405T100U4B
List Price	--
Base Frame	OX-405T-CI-TF



 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			