



Model Number	GR3-CI-TF-405TS-2-BR-D-100-230 460-60
MFG PN	T405TS100U2B
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	3565 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	1018.6
Rated Motor Current	222/111 Amps	NEMA Design	A
Service Factor	1.15	IP Rating	55
KVA Code	K	Insulation Class	F
Nominal Efficiency	94.1 %	Tropicalization	YES
Nominal Power Factor	0.9 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	147.96256 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	67	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

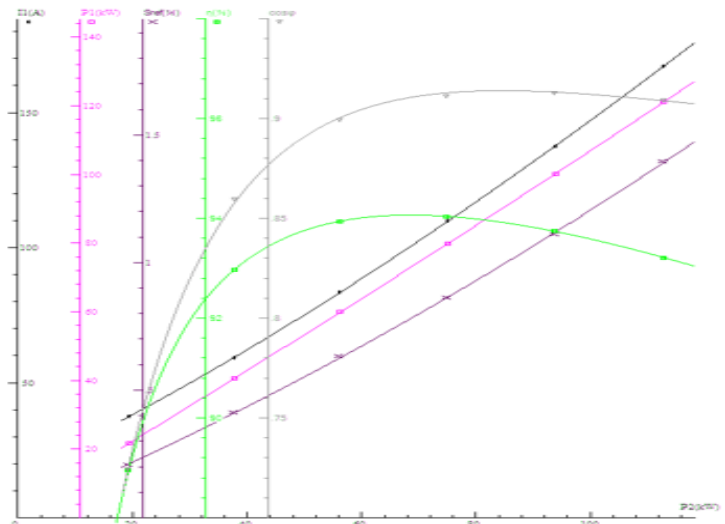
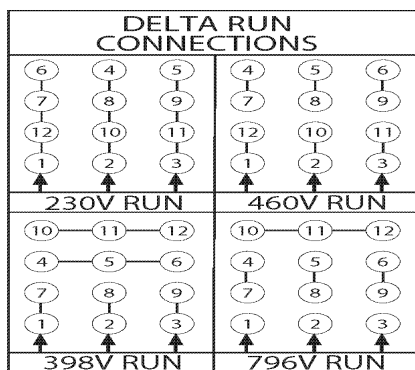
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	
Locked Rotor	-	324	1032	Rated Altitude (M)	1000
Breakdown	-	304	-	Coating	7024 - Graphite Grey
Pull Up	-	205	-	Shaft Grounding	NO
125% of FL	3560	-	137.5	Brake Voltage (DC)	--
75% of FL	3577	-	83.46	Brake Torque (N-M)	--
50% of FL	3585	-	59.12	Mechanical Data	
No Load	--	-	24.33	Bearing DE Side	6314 C3

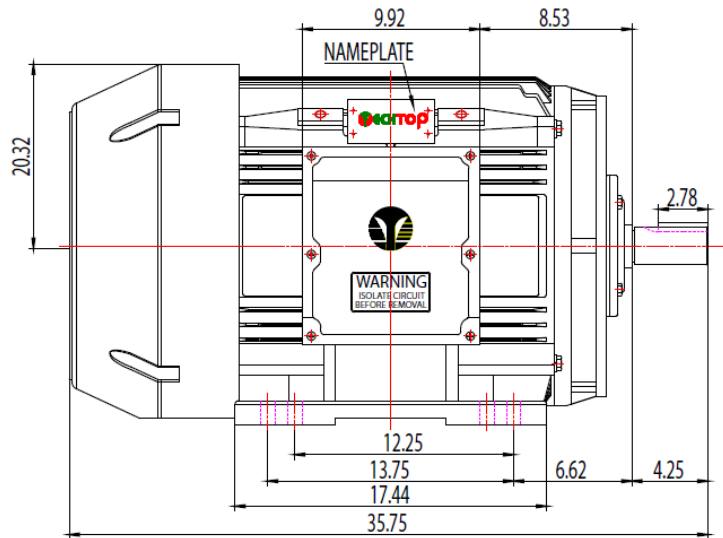
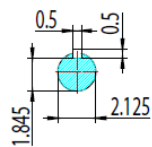
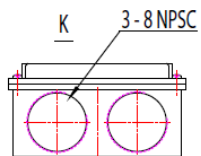
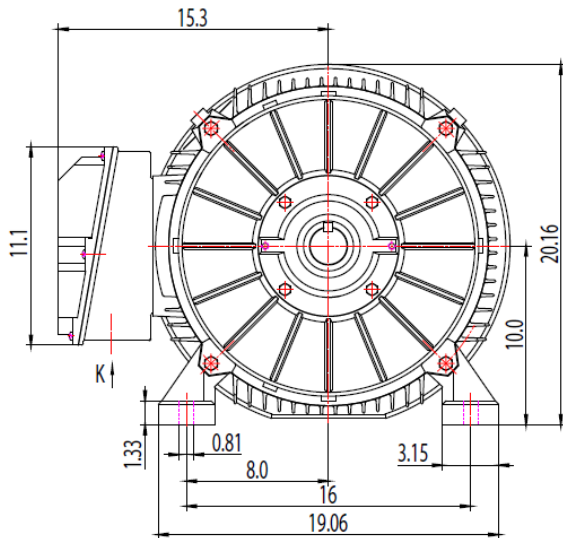
Hazardous Location	Class 1, Div 2, Grp A,B,C,D		Bearing NDE Side	6314 C3
			Moment of Inertia	-- kg.m2
			Noise Level	Per NEMA dB (A)

CT VFD Range	--	Loaded Torque Curves	--
P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosφ = 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 404/405TS		
Design	Yang	Standard		NO:	TXC 404/405TS CFC	
Checker	01.06.2016	Allow		STEP MARK	13.5	SORT
Auditing		Date				Cast iron Motor