



Model Number	GR3-CI-TF-405JM-4-BR-D-100-230 460-60
MFG PN	T405T 100U4B
List Price	--

All data shown at HIGH voltage setting

Format STD 3 Phase

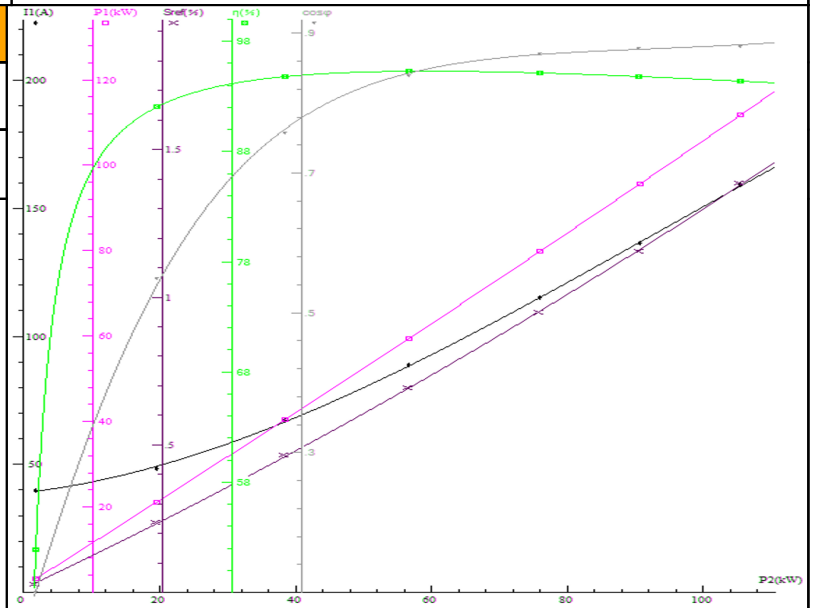
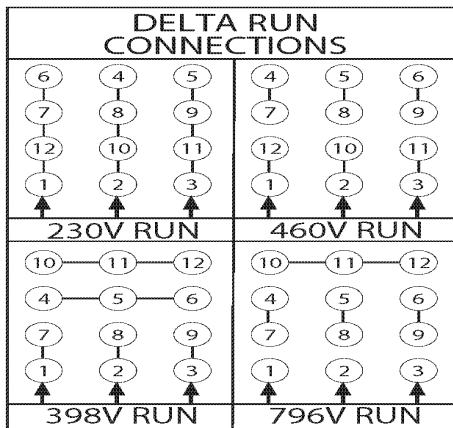
Electrical Data		General Data	
Rated Motor Output Power	100 HP	Frame Size	405
Rated Motor Speed	1780 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	1064
Rated Motor Current	228/114 Amps	NEMA Design	A
Service Factor	1.15	IP Rating	55
KVA Code	L	Insulation Class	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		Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

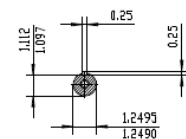
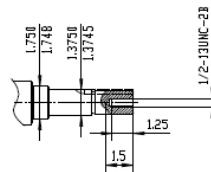
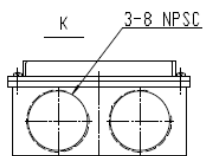
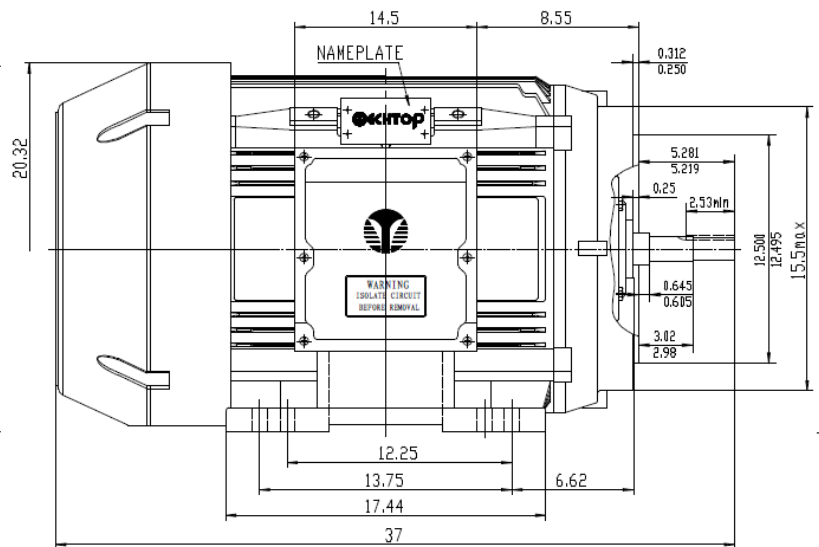
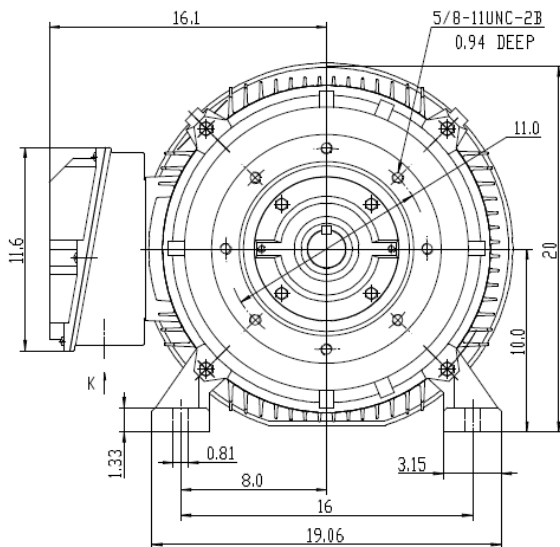
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	
Locked Rotor	-	332	1130	40	
Breakdown	-	154	-	Rated Altitude (M)	
Pull Up	-	99	-	1000	
125% of FL	1778	-	141.43	Coating	
75% of FL	1788	-	87.98	7024 - Graphite Grey	
50% of FL	1792	-	65.67	Shaft Grounding	
No Load		-	41.22	NO	
				Mechanical Data	

Hazardous Location	Class 1, Div 2, Grp A,B,C,D			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		





TECHTOP Shanghai HIMAK Electrical Machinery CO., LTD		NEMA TEFC 404/5T JM	
Design	Standards	NO:	1HMY.010.JM015 CFC
Checker	Allow	STEP MARK	1/3.5 SORT
Auditing	Date	Cast iron Motor	