



Model Number GR3-CI-OP-405T-4-RR-D-100-230|460-60

MFG PN TDC405T100U4B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data

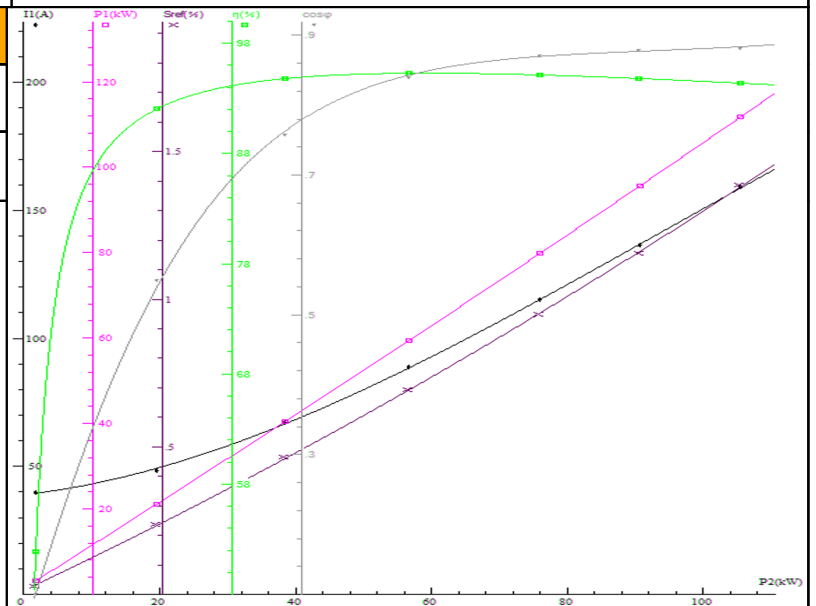
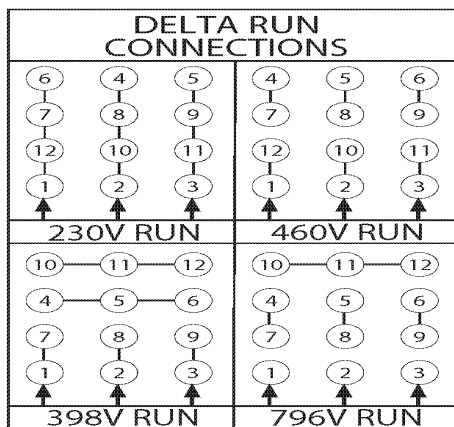
General Data

Rated Motor Output Power	100 HP	Frame Size	405
Rated Motor Speed	1780 r/min	Enclosure	ODP
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	905.3
Rated Motor Current	229.47/114.73 Amps	NEMA Design	A
Service Factor	1.15	IP Rating	55
KVA Code	F	Insulation Class	F
Nominal Efficiency	95.4 %	Tropicalization	YES
Nominal Power Factor	86 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	291.59 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	33.5	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

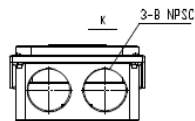
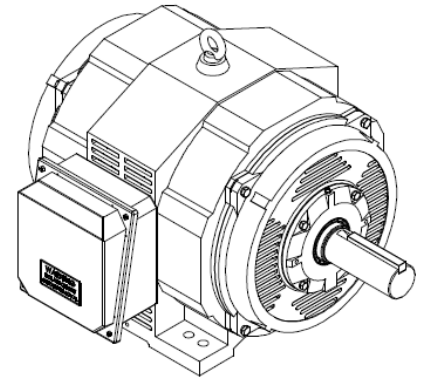
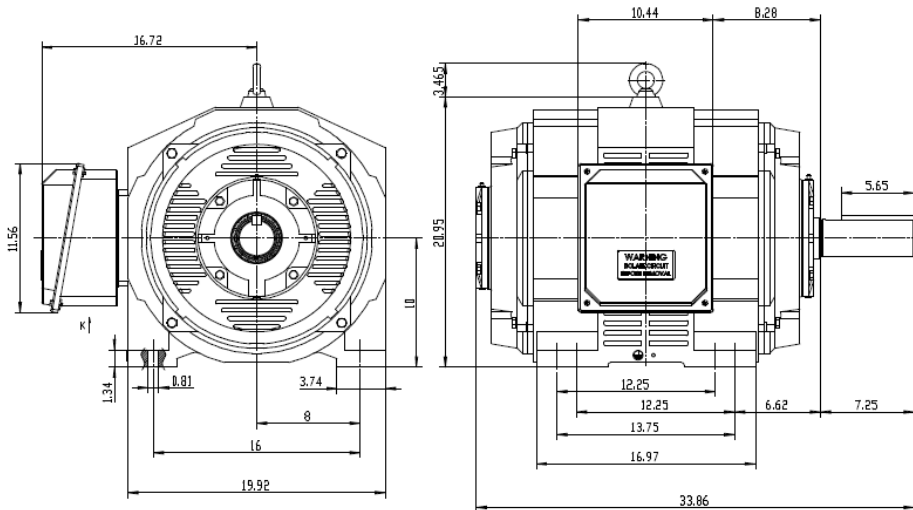
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	304	1053	Rated Altitude (M)	1000
Breakdown	-	297	-	Coating	7024 - Graphite Grey
Pull Up	-	184	-	Shaft Grounding	NO
125% of FL	1783	-	132.26	Brake Voltage (DC)	--
75% of FL	1789	-	91.5	Brake Torque (N-M)	--
50% of FL	1793	-	70	Mechanical Data	
No Load	1799.3	-	45.23		
Hazardous Location				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		



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TECHTOP Shanghai HIMAK Electrical Machinery CO., LTD.		TDC 404-405T NEMA ODP	
Design	Standard	NO.	CY231.A16.002
Checker	Allow	STEP MARK	1:5
Approval	Date	SORT	Cost Iron Motor