



**Model Number** GR3-CI-OP-405TC-4-BR-D-100-230|460-60

**MFG PN** TDC405T100U4B

**List Price** --

All data shown at HIGH voltage setting

Format | STD 3 Phase

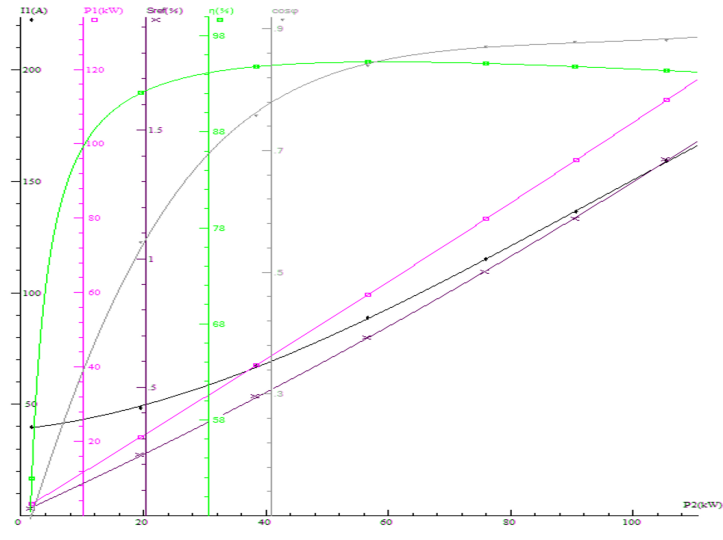
Electrical Data		General Data	
Rated Motor Output Power	100 HP	Frame Size	405
Rated Motor Speed	1780 r/min	Enclosure	ODP
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	905.3
Rated Motor Current	229.47/114.73 Amps	NEMA Design	A
Service Factor	1.15	IP Rating	55
KVA Code	F	Insulation 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)
Locked Rotor	-	304	1053	40
Breakdown	-	297	-	Rated Altitude (M)
Pull Up	-	184	-	1000
125% of FL	1783	-	132.26	Coating
75% of FL	1789	-	91.5	7024 - Graphite Grey
50% of FL	1793	-	70	Shaft Grounding
No Load	1799.3	-	45.23	NO

		Mechanical Data	
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	--	<b>Loaded Torque Curves</b>	--
<b>P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosφ = Power Factor</b>			

Certifications	UL	CSA	DOE
File Numbers	323353	224693	096A
Wiring Diagram	3PH 12 Lead Dual Voltage		





Model Number	GR3-CI-OP-405TC-4-BR-D-100-230 460-60
MFG PN	TDC405T100U4B
List Price	--
Base Frame	GR----CI-OP

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