



Model Number GR3-CI-OP-326TC-4-BR-D-50-230|460-60

MFG PN TDC326T50U4B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

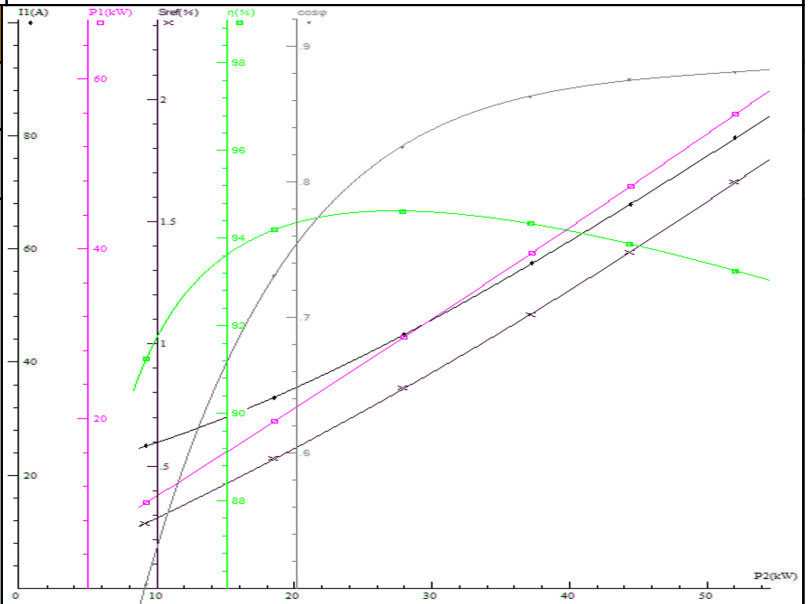
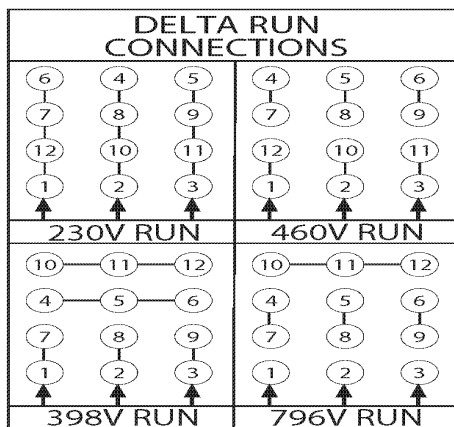
Electrical Data		General Data	
Rated Motor Output Power	50 HP	Frame Size	326
Rated Motor Speed	1770 r/min	Enclosure	ODP
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	528
Rated Motor Current	114.49/57.24 Amps	NEMA Design	A
Service Factor	1.15	IP Rating	55
KVA Code	E	Insulation Class	F
Nominal Efficiency	94.5 %	Tropicalization	YES
Nominal Power Factor	87 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	147.43 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	61.1	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	
Locked Rotor	-	287	313	Rated Altitude (M)	1000
Breakdown	-	297	-	Coating	7024 - Graphite Grey
Pull Up	-	274	-	Shaft Grounding	NO
125% of FL	1773	-	49.88	Brake Voltage (DC)	--
75% of FL	1785	-	44.96	Brake Torque (N-M)	--
50% of FL	1790	-	33.92	Mechanical Data	
No Load	1794	-	21.4	Bearing DE Side	6312 C3
Hazardous Location	--			Bearing NDE Side	6312 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 Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540



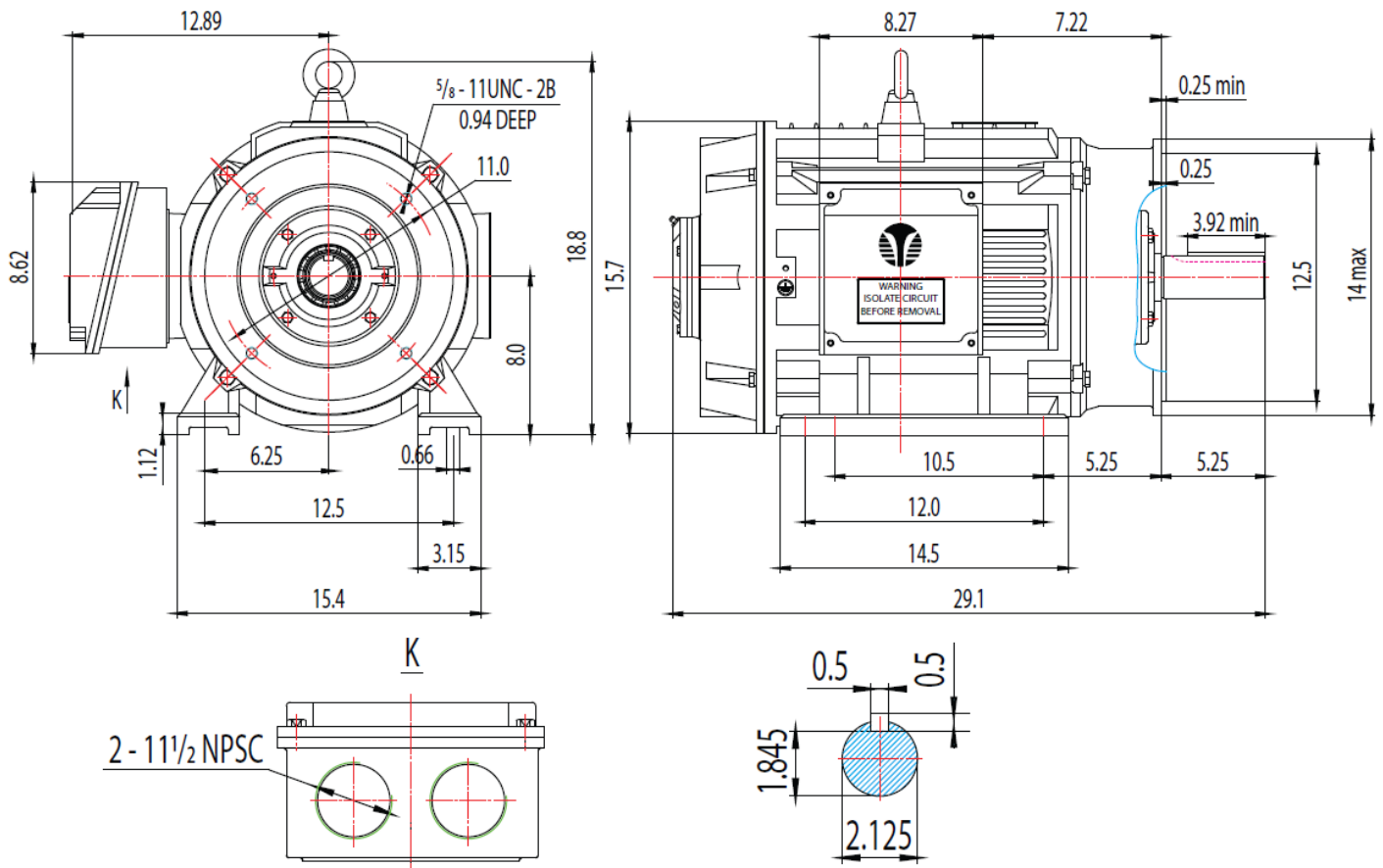
Model Number GR3-CI-OP-326TC-4-BR-D-50-230|460-60

MFG PN TDC326T50U4B

List Price --

Base Frame GR-326TC-CI-OP

FRAME: 326TC HP: RPM: PHASE: 3 VOLT: 208-230V ENCL: OPEN DRIP FREQ: 60 Hz FLA: LRA:



MODEL NUMBER:
GR3-CI-OP-326TC

MFG PN:

REV.	BY	DATE
1		
2		
3		
4		
5		
6		
7		

CHANGES

MATERIAL: ALUMINUM

UNITS: INCH BY: SSEE

DRAWN: 6/13/2018

WWW.TECHTOP.COM

Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540