



Model Number GX3-AL-TF-215T-4-B-D-10-230|460-60

MFG PN TFC215T10U4B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data		General Data	
Rated Motor Output Power	10 HP	Frame Size	215
Rated Motor Speed	1760 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	131
Rated Motor Current	23.9/12.0 Amps	NEMA Design	A
Service Factor	1.25	IP Rating	55
KVA Code	L	Insulation Class	F
Nominal Efficiency	91.7 %	Tropicalization	YES
Nominal Power Factor	0.86 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	29.8956656 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	44	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	
Locked Rotor	-	318	123.4	Rated Altitude (M)	1000
Breakdown	-	387	-	Coating	7024 - Graphite Grey
Pull Up	-	171	-	Shaft Grounding	YES
125% of FL	1754.7	-	14.833	Brake Voltage (DC)	
75% of FL	1774.8	-	9.4591	Brake Torque (N-M)	
50% of FL	1733.6	-	7.2718	Mechanical Data	
No Load		-	4.881	Bearing DE Side	6308 ZZ

Hazardous Location	Class 1, Div 2, Grp A,B,C,D		Bearing NDE Side	6208 ZZ
			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
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File Numbers	323353	224693	096A
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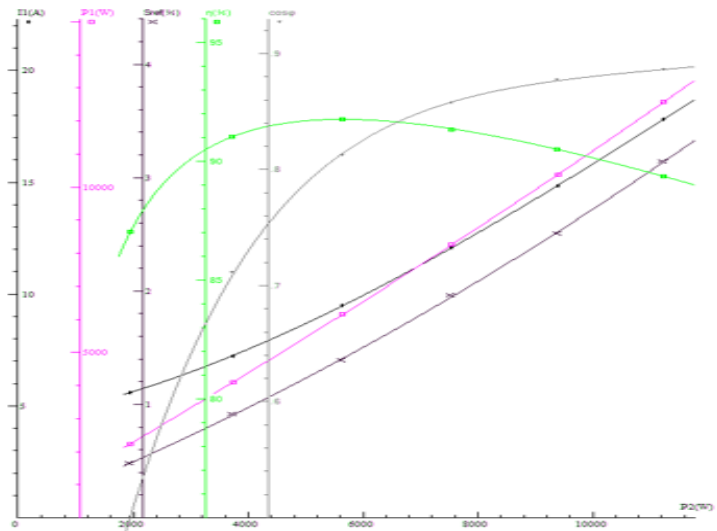
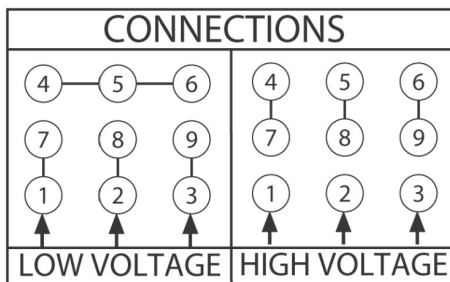
Wiring Diagram	3PH 9 Lead Dual Voltage
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3 Phase - YY/Y - 9 Lead

4,1 Blue / 5,2 White / 6,3 Org / 7 Yl / 8 Blk / 9 RD

Cast Iron- 1,2,3 Top - 4,5,6,7,8,9 Bottom

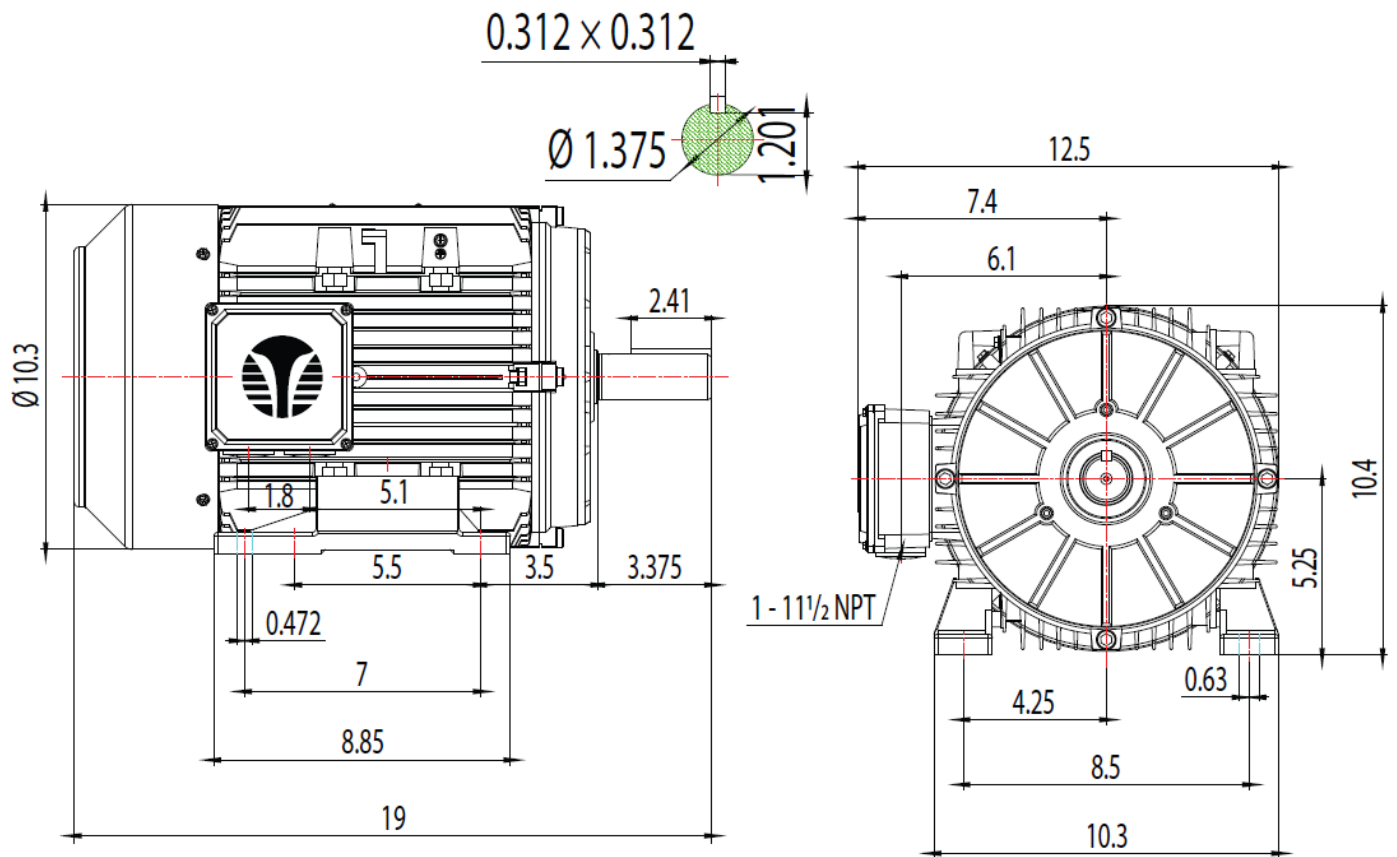
Aluminum - 4,5,6,8,9 Top - 1,2,3,7 Bottom





Model Number	GX3-AL-TF-215T-4-B-D-10-230 460-60
MFG PN	TFC215T10U4B
List Price	--
Base Frame	GX-215T-AL-TF

FRAME: 210T HP: RPM: PHASE: 3 VOLT: 208-230/460V ENCL: TEFC FREQ: 60 Hz FLA: LRA:



MATERIAL: ALUMINUM
UNITS: INCH BY: SSEE
DRAWN: 12/17/2018
WWW.TECHTOP.COM

MODEL NUMBER:

GX3-AL-TF-210T

MFG PN:

REV. BY DATE

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CHANGES

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