



Model Number	GX3-AL-TF-213T-2-B-D-7.5-230 460-60
MFG PN	T213T7.5U2B
List Price	--

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data		General Data	
Rated Motor Output Power	7.5 HP	Frame Size	213
Rated Motor Speed	3520 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	126.28
Rated Motor Current	17.0/8.48 Amps	NEMA Design	A
Service Factor	1.25	IP Rating	55
KVA Code	K	Insulation Class	F
Nominal Efficiency	89.5 %	Tropicalization	YES
Nominal Power Factor	0.91 cos ϕ	Duty	Cont.
Full Load Torque Ft-Lb	11.1517744 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	44	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

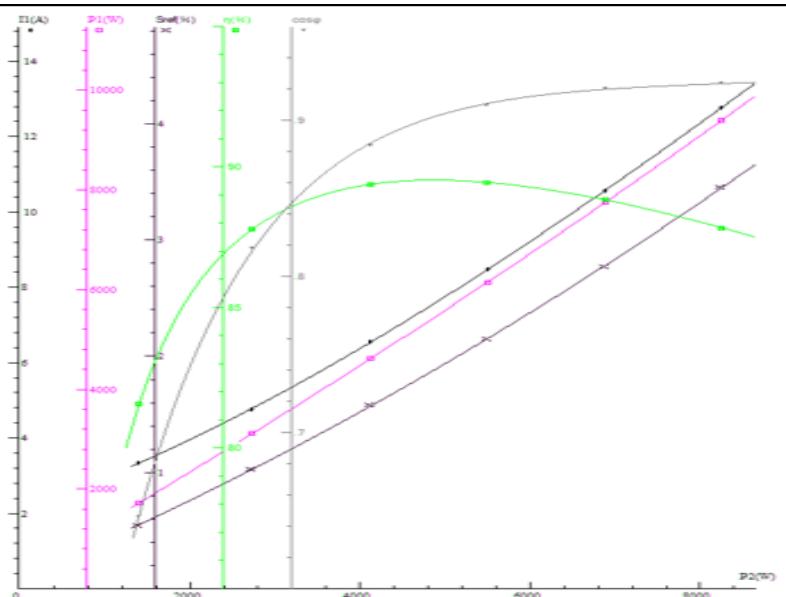
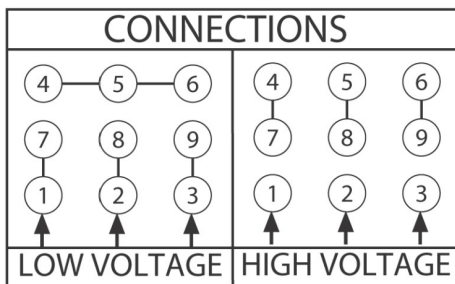
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	
Locked Rotor	-	257	80.91	Rated Altitude (M)	1000
Breakdown	-	365	-	Coating	7024 - Graphite Grey
Pull Up	-	175	-	Shaft Grounding	YES
125% of FL	3500	-	10.56	Brake Voltage (DC)	
75% of FL	3543.4	-	6.5421	Brake Torque (N-M)	
50% of FL	3562.8	-	4.8079	Mechanical Data	
No Load		-	2.562	Bearing DE Side	6308ZZ

Hazardous Location	Class 1, Div 2, Grp A,B,C,D		Bearing NDE Side	6308ZZ
			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 (%), cos ϕ = Power Factor			

Certifications	UL	CSA	DOE
File Numbers	323353	224693	096A
Wiring Diagram	3PH 9 Lead Dual Voltage		

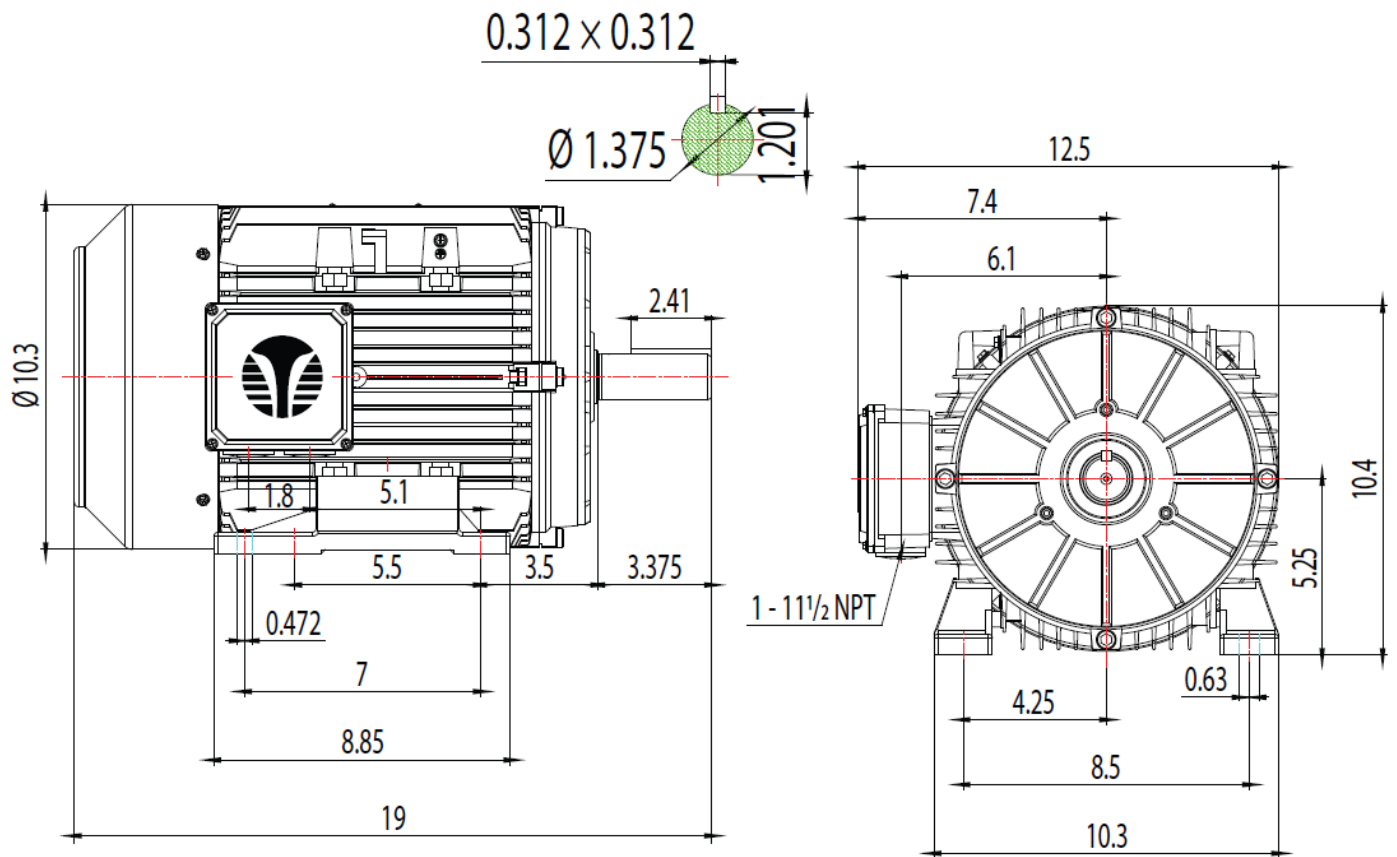
3 Phase - YY/Y - 9 Lead
 4,1 Blue / 5,2 White / 6,3 Org / 7 Yl / 8 Blk / 9 RD
 Cast Iron- 1,2,3 Top - 4,5,6,7,8,9 Bottom
 Aluminum - 4,5,6,8,9 Top - 1,2,3,7 Bottom





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List Price	--
Base Frame	GX-213T-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