TECHTOP electric motors	**Model Number**	**WX3-AL-TF-215T-2-B-D-10-230|460-60**
	MFG PN	**T215T10U2B**
	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	3520 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230|460-60 Volts - HZ	Approximate Weight	--
Rated Motor Current	22.6/11.3 Amps	NEMA Design	B
Service Factor	1.25	IP Rating	56
KVA Code	L	Insulation Class	F
Nominal Efficiency	90.2 %	Tropicalization	YES
Nominal Power Factor	0.92 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	15.024912 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	49.3	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

Load Data	**RPM**	**Trq %FL**	**Current Amps**	Rated Ambient (°C)	40
Locked Rotor	-	277	113.9	Rated Altitude (M)	1000
Breakdown	-	395	-	Coating	7024 - Graphite Grey
Pull Up	-	154	-	Shaft Grounding	NO
125% of FL	3501.6	-	14.058	Brake Voltage (DC)	--
75% of FL	3544.9	-	8.6086	Brake Torque (N-M)	--
50% of FL	3563.9	-	6.2058	**Mechanical Data**	
No Load	--	-	3.031	Bearing DE Side	6308ZZ
Hazardous Location	**Class 1, Div2, 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 (%), cosϕ = Power Factor

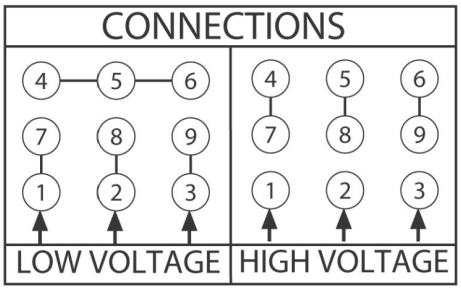
Certifications	UL	CSA	DOE
File Numbers	**323353**	**224693**	096A
Wiring Diagram	**3PH 9 Lead Dual Voltage**		

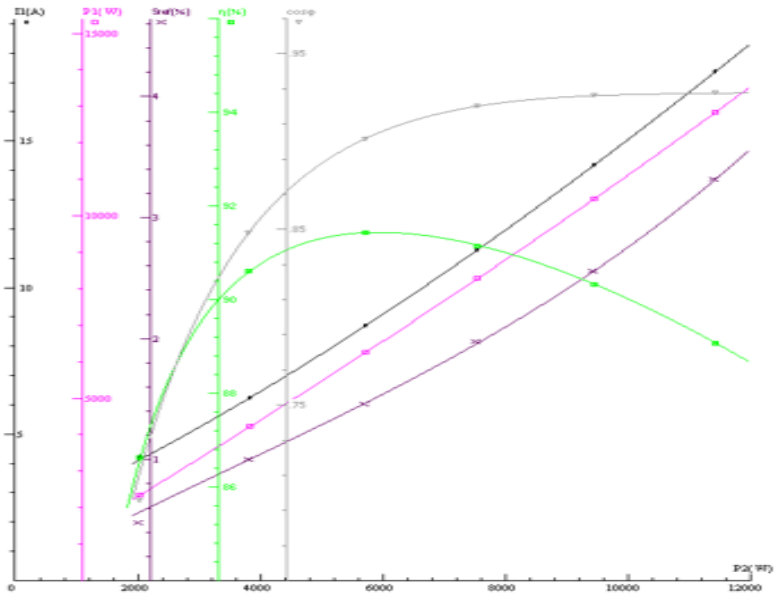
3 Phase - YY/Y - 9 Lead

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

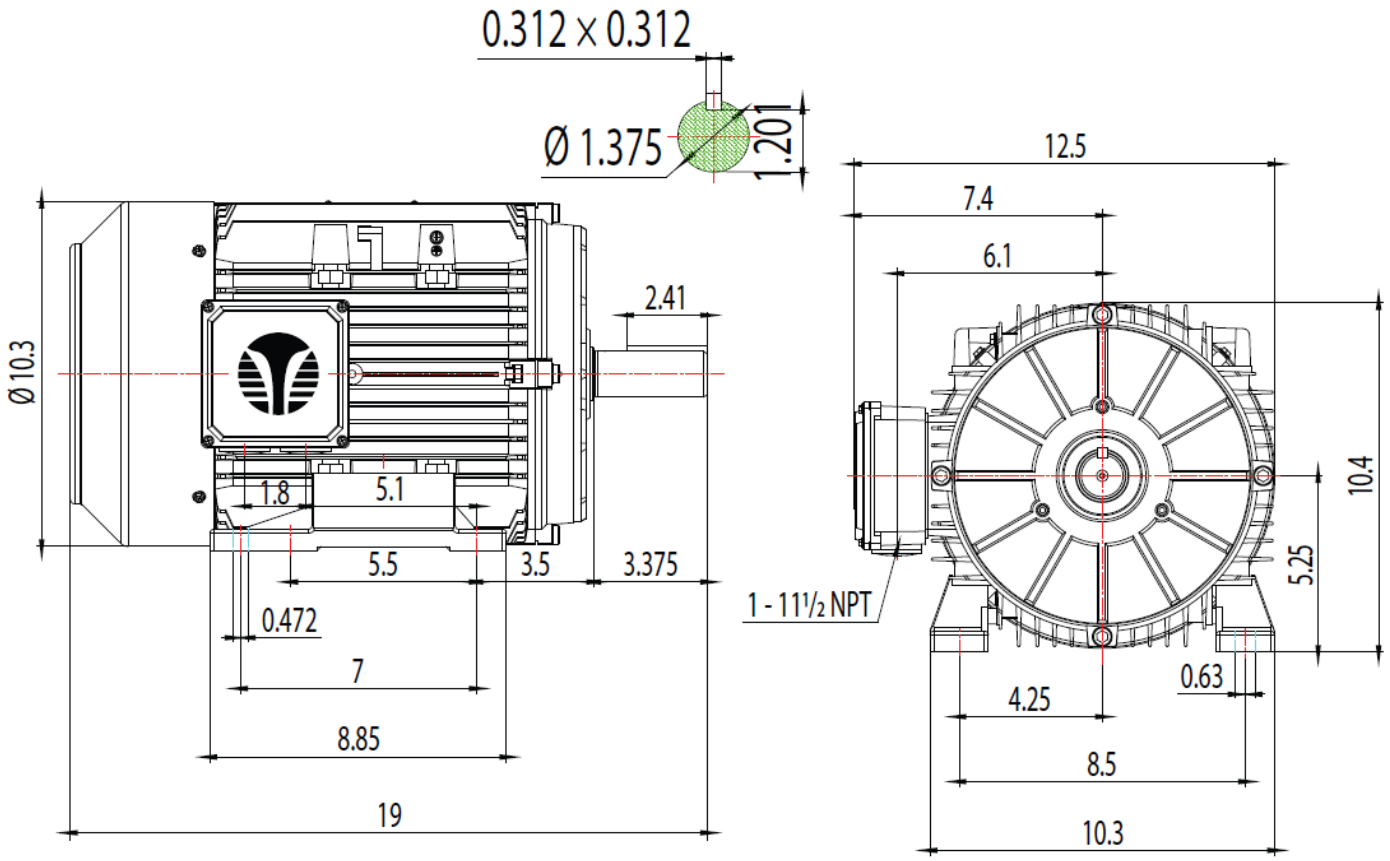
Aluminum - 4,5,6,8,9 Top - 1,2,3,7 Bottom





Model Number	WX3-AL-TF-215T-2-B-D-10-230|460-60
MFG PN	T215T10U2B
List Price	--
Base Frame	WX-215T-AL-TF

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



MODEL NUMBER:	REV.	BY	DATE	CHANGES
GX3-AL-TF-210T	1			
MFG PN:	2			
	3			
	4			
	5			
	6			
	7			

MATERIAL: ALUMINUM
UNITS: INCH BY: SSEE
DRAWN: 12/17/2018
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