TECHTOP electric motors	**Model Number**	**CT3-CI-TO-213T-4-B-D-7.5-230|460-60**
	MFG PN	**TO213T7.5U4B**
	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	1750 r/min	Enclosure	TEAO
Rated Motor Voltage (3 Phase)	230|460-60 Volts - HZ	Approximate Weight	--
Rated Motor Current	17.8/8.9 Amps	NEMA Design	BE
Service Factor	1.25	IP Rating	55
KVA Code	J	Insulation Class	H
Nominal Efficiency	91.7 %	Tropicalization	YES
Nominal Power Factor	0.86 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	22.046864 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	37.3	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

Load Data	**RPM**	**Trq %FL**	**Current Amps**
Locked Rotor	-	230	76.01
Breakdown	-	324	-
Pull Up	-	484	-
125% of FL	1752	-	10.89
75% of FL	1773	-	6.8
50% of FL	1782	-	5.11
No Load	--	-	3.22

Hazardous Location	**Class 1, Div 2, Group A,B, C,D**	Rated Ambient (°C)	40
		Rated Altitude (M)	1000
		Coating	7024 - Graphite Grey
		Shaft Grounding	Yes
		Brake Voltage (DC)	--
		Brake Torque (N-M)	--
		Mechanical Data	
		Bearing DE Side	63082RS
		Bearing NDE Side	63082RS
		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	

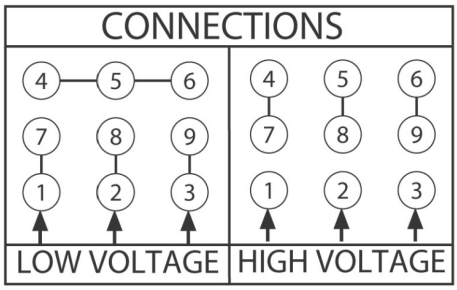
Certifications	UL	CSA	DOE
File Numbers	**323353**	**224693**	096A
Wiring Diagram	**3PH 9 Lead Dual Voltage**		

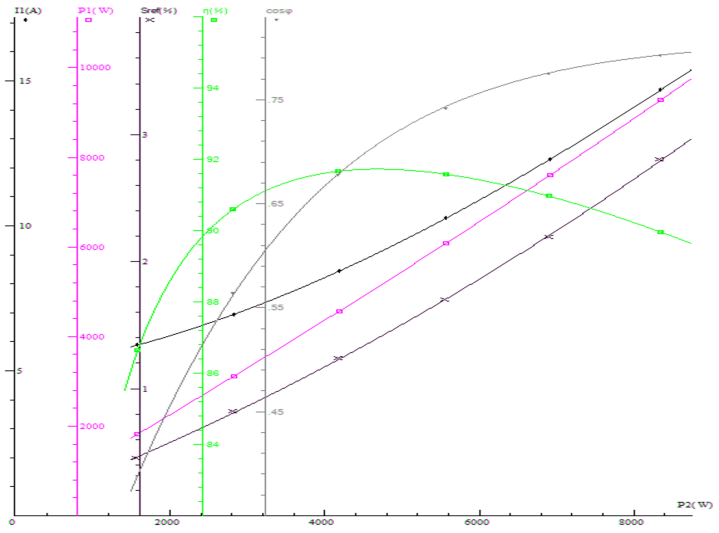
3 Phase - YY/Y - 9 Lead

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	CT3-CI-TO-213T-4-B-D-7.5-230|460-60
MFG PN	TO213T7.5U4B
List Price	--
Base Frame	CT-213T-CI-TO