TECHTOP electric motors	**Model Number**	**PC3-CI-TF-213T-4-B-D-7.5-230|460-60**
	MFG PN	**T213T7.5U4B**
	List Price	**--**

All data shown at HIGH voltage setting — Format: STD 3 Phase

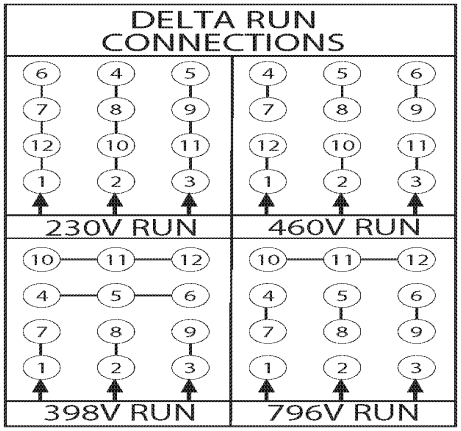
Electrical Data		**General Data**	
Rated Motor Output Power	7.5 HP	Frame Size	213
Rated Motor Speed	1750 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230|460-60 Volts - HZ	Approximate Weight	154
Rated Motor Current	18.8/9.4 Amps	NEMA Design	B
Service Factor	1.25	IP Rating	55
KVA Code	H	Insulation Class	F
Nominal Efficiency	89.5 %	Tropicalization	YES
Nominal Power Factor	84 cosθ	Duty	CONT
Full Load Torque Ft-Lb	22.2224128 Ft-Lb	Cable Entry	1"-11 1/2 NPSC
Temp Rise @ Full Load °C	63.5	Feet Removable	YES
Efficiency Level	IE2 - High (EPact)	Double Drilled	NO

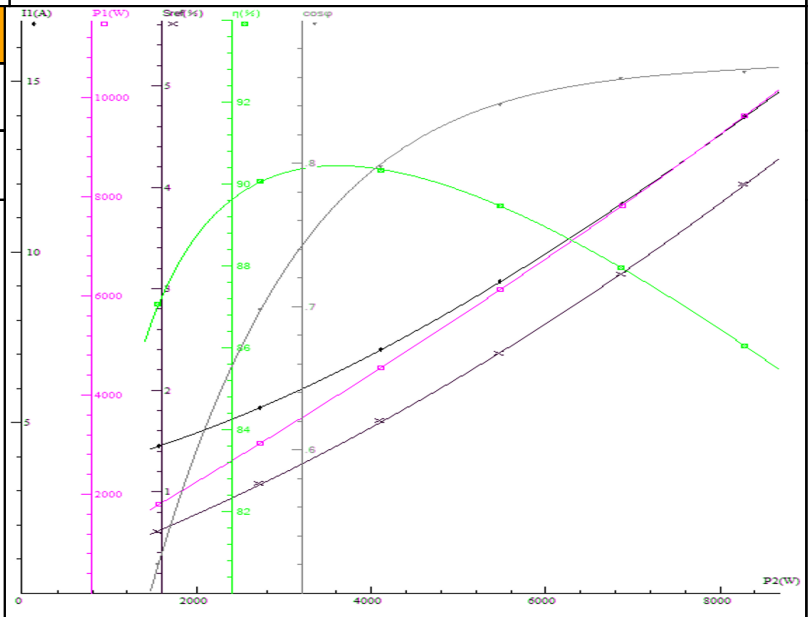
Load Data	**RPM**	**Trq %FL**	**Current Amps**	Rated Ambient (°C)	40
Locked Rotor	-	215	68.87	Rated Altitude (M)	1000
Breakdown	-	281	-	Coating	7024 - Graphite Grey
Pull Up	-	132	-	Shaft Grounding	NO
125% of FL	1743.3	-	11.424	Brake Voltage (DC)	--
75% of FL	1769.5	-	7.1588	Brake Torque (N-M)	--
50% of FL	1780.5	-	5.4748	**Mechanical Data**	
No Load	--	-	3.756	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

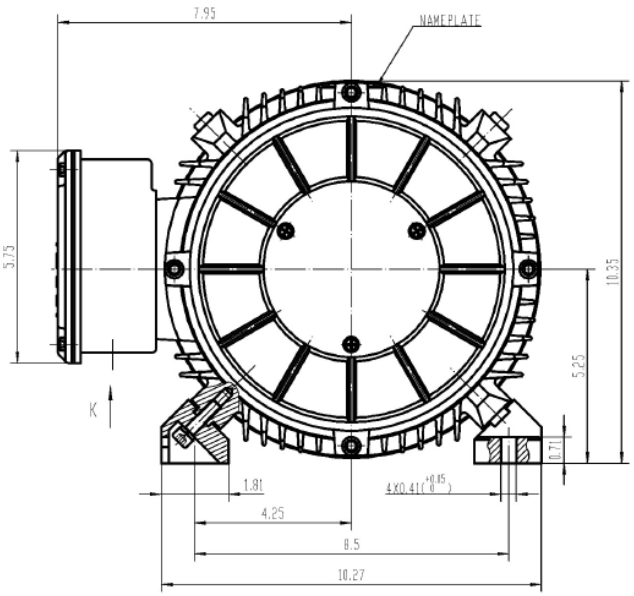
Certifications	UL	CSA	DOE
File Numbers	**323353**	**224693**	096A
Wiring Diagram	**3PH 12 Lead Dual Voltage**		

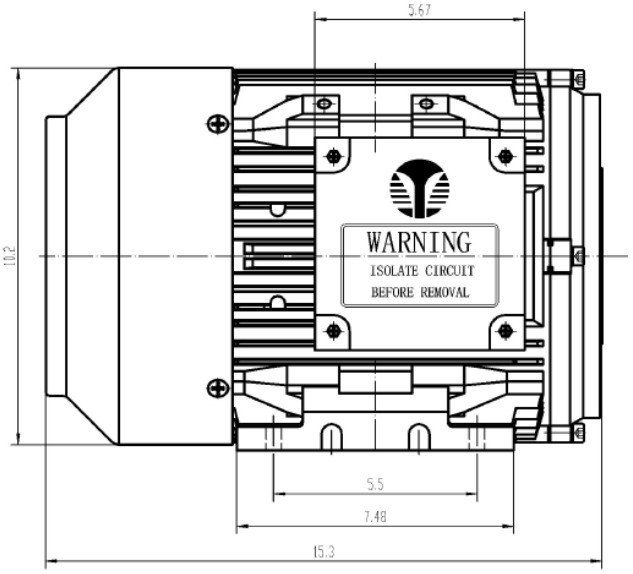


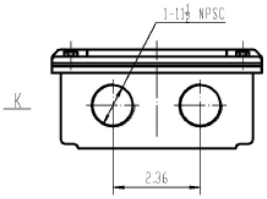


Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540

Model Number	PC3-CI-TF-213T-4-B-D-7.5-230|460-60
MFG PN	T213T7.5U4B
List Price	--
Base Frame	PC-213T-CI-TF







ShangHai HIMAK Electrical Machinery CO,.LTD				NEMA TEFC 213T	
				NO:	TFCR213T7.5U4B
Design	yang	Standard		STEP MARK	1:2.5 SORT Cast iron Motor
Checker		Allow			
Auditing		Date			