TECHTOP electric motors	**Model Number**	**PC3-CI-TF-182T-4-B-D-3-230|460-60**
	MFG PN	**T182T3U4B**
	List Price	**--**

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

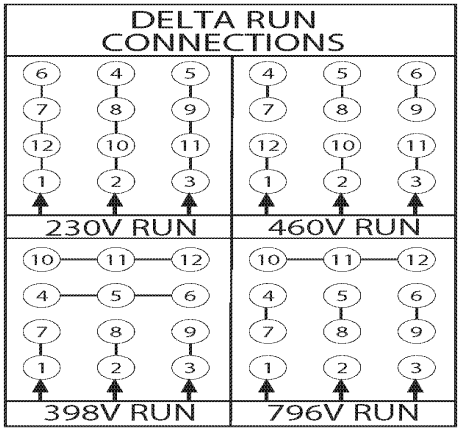
Electrical Data		**General Data**	
Rated Motor Output Power	3 HP	Frame Size	182
Rated Motor Speed	3510 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230|460-60 Volts - HZ	Approximate Weight	85.8
Rated Motor Current	7.6/3.8 Amps	NEMA Design	B
Service Factor	1.25	IP Rating	55
KVA Code	J	Insulation Class	F
Nominal Efficiency	85.5 %	Tropicalization	YES
Nominal Power Factor	87 cosθ	Duty	CONT
Full Load Torque Ft-Lb	8.8541504 Ft-Lb	Cable Entry	3/4"-14 NPSC
Temp Rise @ Full Load °C	50.8	Feet Removable	YES
Efficiency Level	IE2 - High (EPact)	Double Drilled	NO

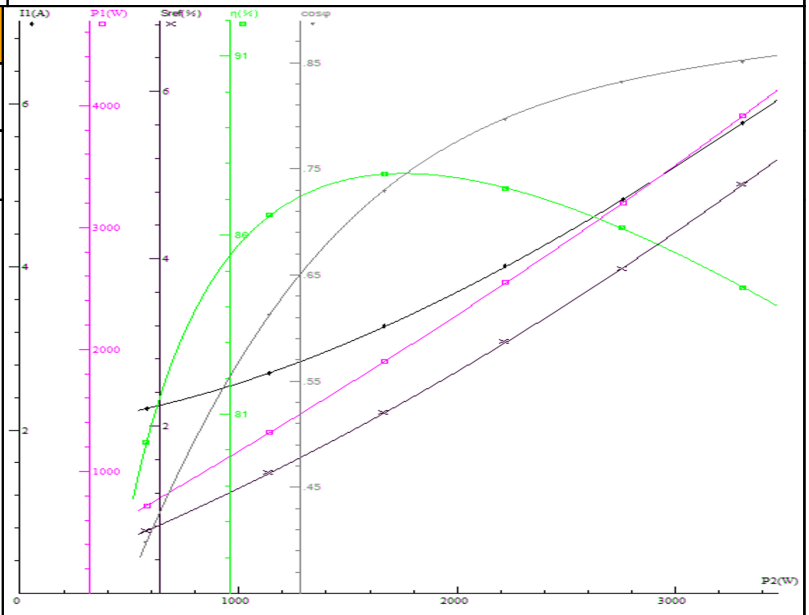
Load Data	**RPM**	**Trq %FL**	**Current Amps**	Rated Ambient (°C)	40
Locked Rotor	-	263	30.92	Rated Altitude (M)	1000
Breakdown	-	326	-	Coating	7024 - Graphite Grey
Pull Up	-	205	-	Shaft Grounding	NO
125% of FL	1730.3	-	4.8129	Brake Voltage (DC)	--
75% of FL	1761.6	-	3.2469	Brake Torque (N-M)	--
50% of FL	1775.1	-	2.6648	**Mechanical Data**	
No Load	--	-	2.135	Bearing DE Side	6306ZZ
Hazardous Location	**Class 1, Div2 Grp A,B,C,D**			Bearing NDE Side	6306ZZ
				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**		

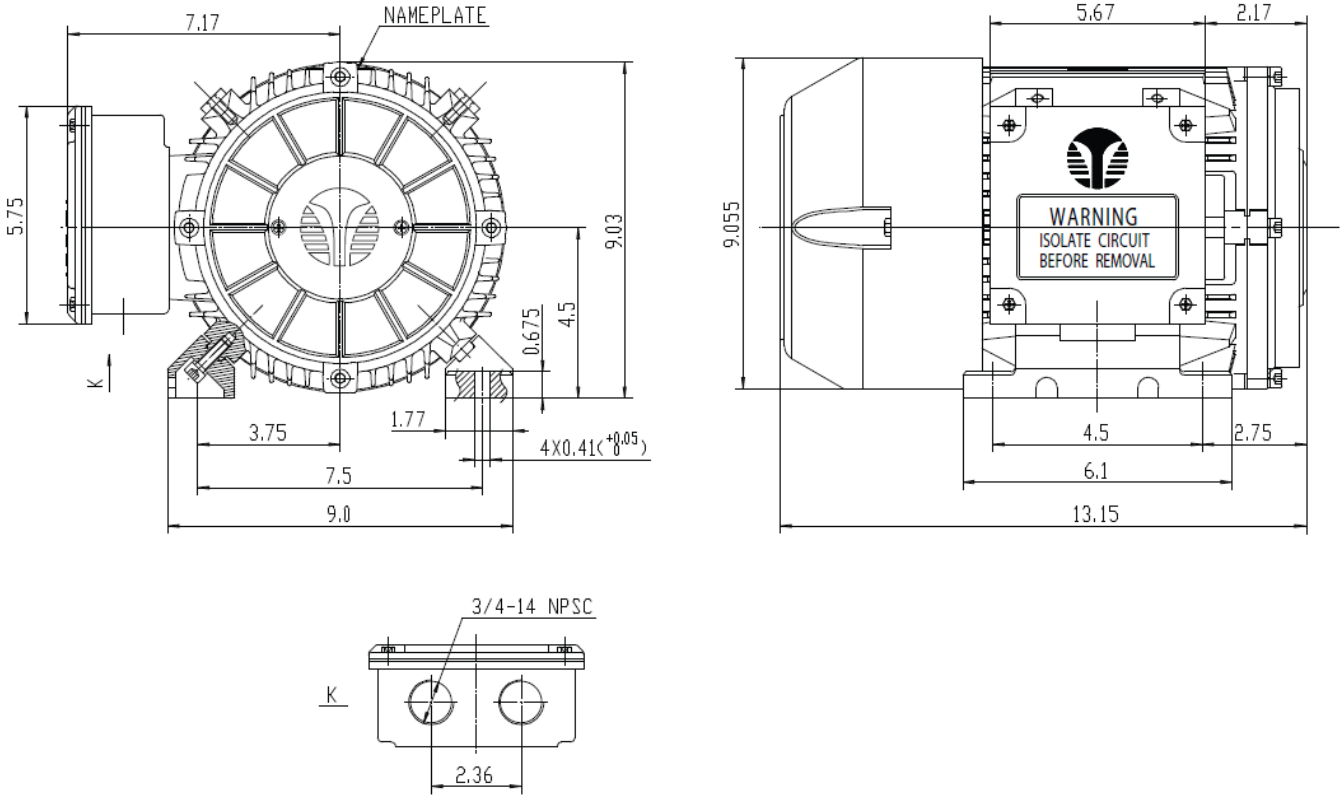




Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540

Model Number	PC3-CI-TF-182T-4-B-D-3-230|460-60
MFG PN	T182T3U4B
List Price	--
Base Frame	PC-182T-CI-TF

FRAME: 182T	HP: 3	RPM: 1800	PHASE: 3	VOLT: 208-230/460V	ENCL: TEFC	FREQ:	FLA:	LRA:



MODEL NUMBER:	REV.	BY	DATE	CHANGES
PC3-CI-TF-182T-4-B-D-3	1	ARE	12/28/2015	REVISION CHANGE FROM STEEL FAN COVER TO CAST IRON FAN COVER
MFG PN:	2			
	3			
	4			
	5			
	6			
	7			

MATERIAL: CAST IRON
UNITS: INCH | BY: ARE
DRAWN: 12/28/2015
WWW.TECHTOP.COM

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