



Model Number GR3-CI-TF-184T-4-B-D-5-230|460-60

MFG PN TFC184T5U4B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data		General Data	
Rated Motor Output Power	5 HP	Frame Size	184
Rated Motor Speed	1750 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	110
Rated Motor Current	12.6/6.3 Amps	NEMA Design	BE
Service Factor	1.25	IP Rating	55
KVA Code	K	Insulation Class	F
Nominal Efficiency	89.5 %	Tropicalization	YES
Nominal Power Factor	0.83 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	14.965904 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	52.4	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

Load Data	RPM	Trq %FL	Current Amps	Mechanical Data	
Locked Rotor	-	253	53	Rated Ambient (°C)	40
Breakdown	-	362	-	Rated Altitude (M)	1000
Pull Up	-	225	-	Coating	7024 - Graphite Grey
125% of FL	1734	-	7.5	Shaft Grounding	NO
75% of FL	1765	-	4.9	Brake Voltage (DC)	
50% of FL	1777	-	3.92	Brake Torque (N-M)	
No Load	1797	-	2.89		

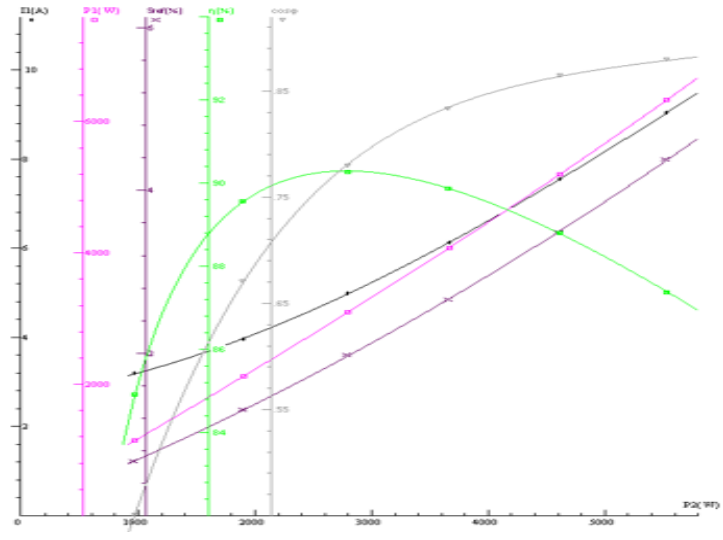
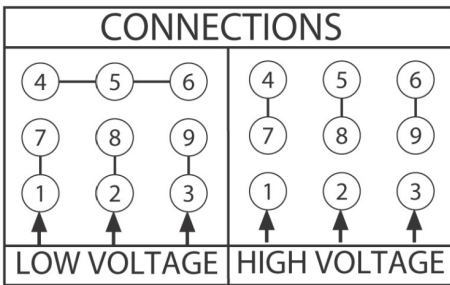
Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing DE Side	6306 ZZ
				Bearing NDE Side	6306 ZZ
				Moment of Inertia	kg.m2
				Noise Level	Per NEMA dB (A)

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

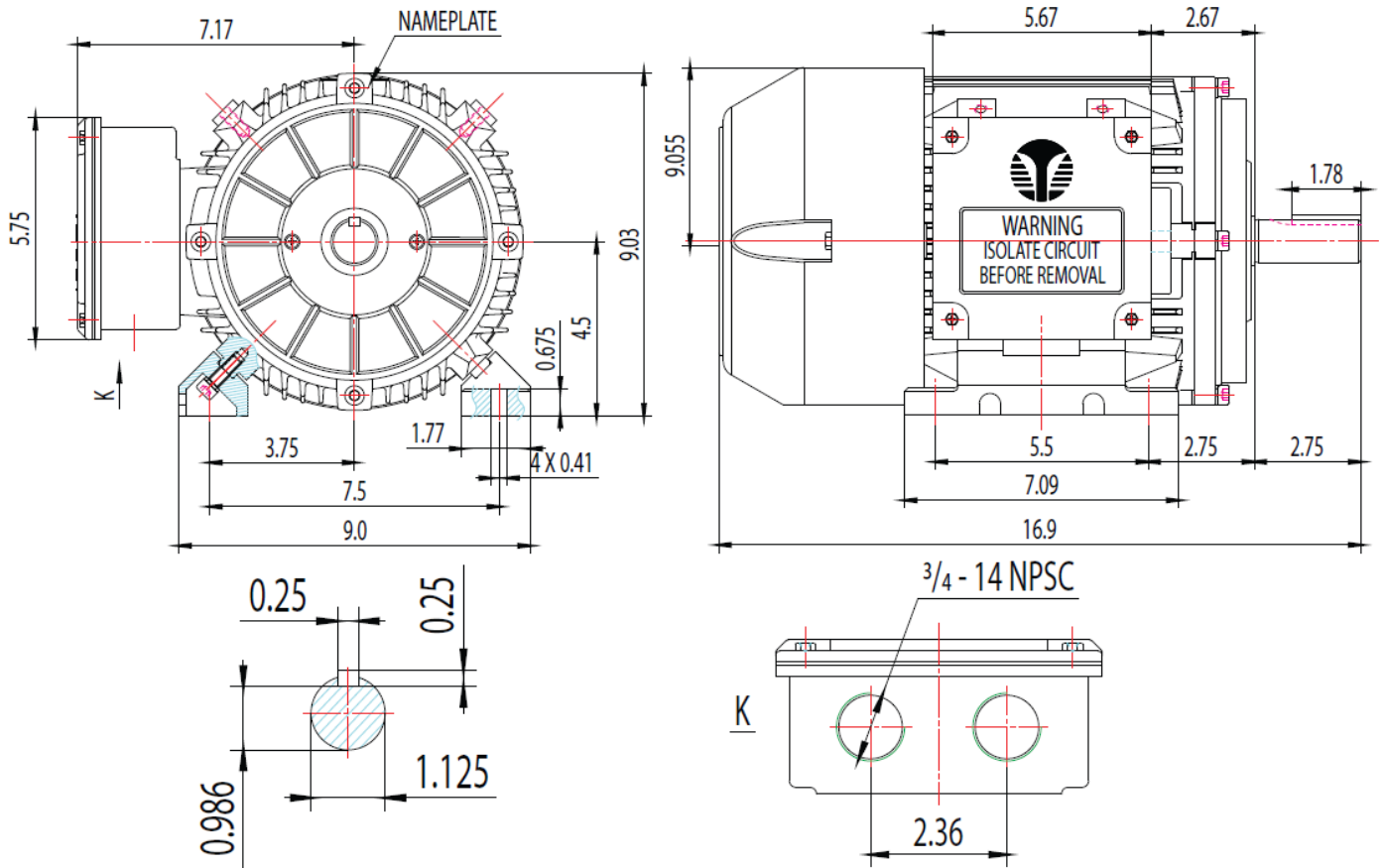
Wiring Diagram 3PH 9 Lead Dual Voltage

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



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MFG PN	TFC184T5U4B
List Price	--
Base Frame	GR-184T-CI-TF

FRAME: 184T | HP: | RPM: | PHASE: 3 | VOLT: 208 - 230/460V | ENCL: TEFC | FREQ: 60 Hz | FLA: | LRA:



MODEL NUMBER:	REV.	BY	DATE
GR3-CI-TF-184T	1		
MFG PN:	2		
	3		
	4		
	5		
	6		
	7		

CHANGES

MATERIAL:
 UNITS: INCH | BY: SSEE
 DRAWN: 6/18/2018
 WWW.TECHTOP.COM