



Model Number GR3-CI-TF-184TC-2-B-D-5-230|460-60

MFG PN TFC184T5U2B

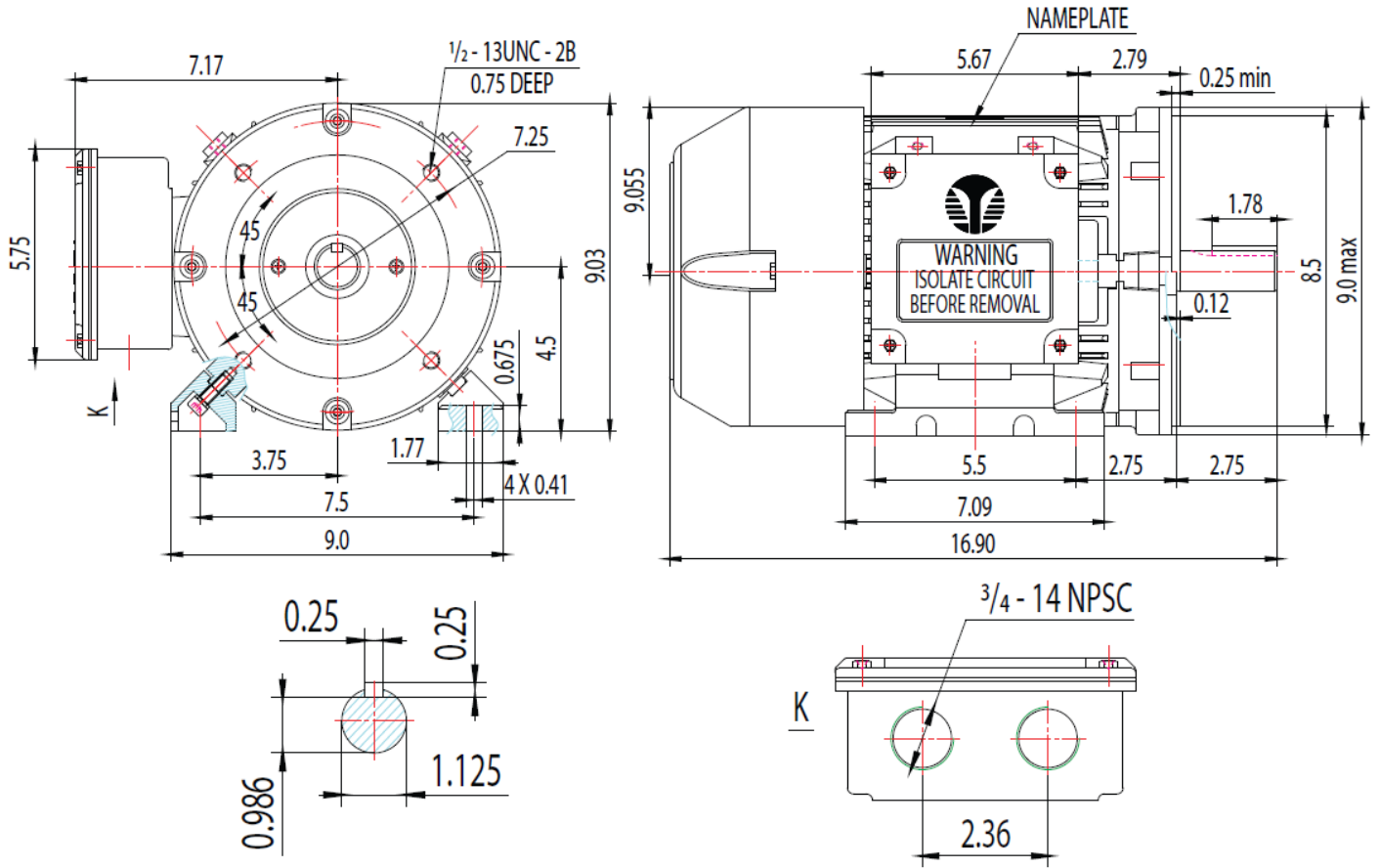
List Price --

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	3510 r/min			Enclosure	TEFC																												
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ			Approximate Weight	89.7																												
Rated Motor Current	11.4/5.7 Amps			NEMA Design	BE																												
Service Factor	1.25			IP Rating	55																												
KVA Code	K			Insulation Class	F																												
Nominal Efficiency	88.5 %			Tropicalization	YES																												
Nominal Power Factor	0.92 cosθ			Duty	Cont.																												
Full Load Torque Ft-Lb	7.33912 Ft-Lb			Cable Entry	1.25																												
Temp Rise @ Full Load °C	34.1			Feet Removable	YES																												
Efficiency Level	IE3 - NEMA Premium			Double Drilled	NO																												
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40																												
Locked Rotor	-	178	52.11	Rated Altitude (M)	1000																												
Breakdown	-	268	-	Coating	7024 - Graphite Grey																												
Pull Up	-	137	-	Shaft Grounding	NO																												
125% of FL	3480	-	7.2	Brake Voltage (DC)																													
75% of FL	3534	-	4.32	Brake Torque (N-M)																													
50% of FL	3557	-	3.1	Mechanical Data																													
No Load	3597	-	1.53	Bearing DE Side	6306 ZZ																												
Hazardous Location	Class 1, Div 2, Grp A,B,C,D			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																																
<p>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</p> <table border="1"> <thead> <tr> <th colspan="6">CONNECTIONS</th> </tr> </thead> <tbody> <tr> <td>4</td><td>5</td><td>6</td><td>4</td><td>5</td><td>6</td> </tr> <tr> <td>7</td><td>8</td><td>9</td><td>7</td><td>8</td><td>9</td> </tr> <tr> <td>1</td><td>2</td><td>3</td><td>1</td><td>2</td><td>3</td> </tr> <tr> <td colspan="3">LOW VOLTAGE</td> <td colspan="3">HIGH VOLTAGE</td> </tr> </tbody> </table>						CONNECTIONS						4	5	6	4	5	6	7	8	9	7	8	9	1	2	3	1	2	3	LOW VOLTAGE			HIGH VOLTAGE
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4	5	6	4	5	6																												
7	8	9	7	8	9																												
1	2	3	1	2	3																												
LOW VOLTAGE			HIGH VOLTAGE																														

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



TECHTOP	MODEL NUMBER:	REV.	BY	DATE	CHANGES
	GR3-CI-TF-184TC	1			
MFG PN:		2			
		3			
MATERIAL:		4			
UNITS: INCH	BY: SSEE	5			
DRAWN: 6/18/2018		6			
WWW.TECHTOP.COM		7			