



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

MFG PN TFC184T5U4B

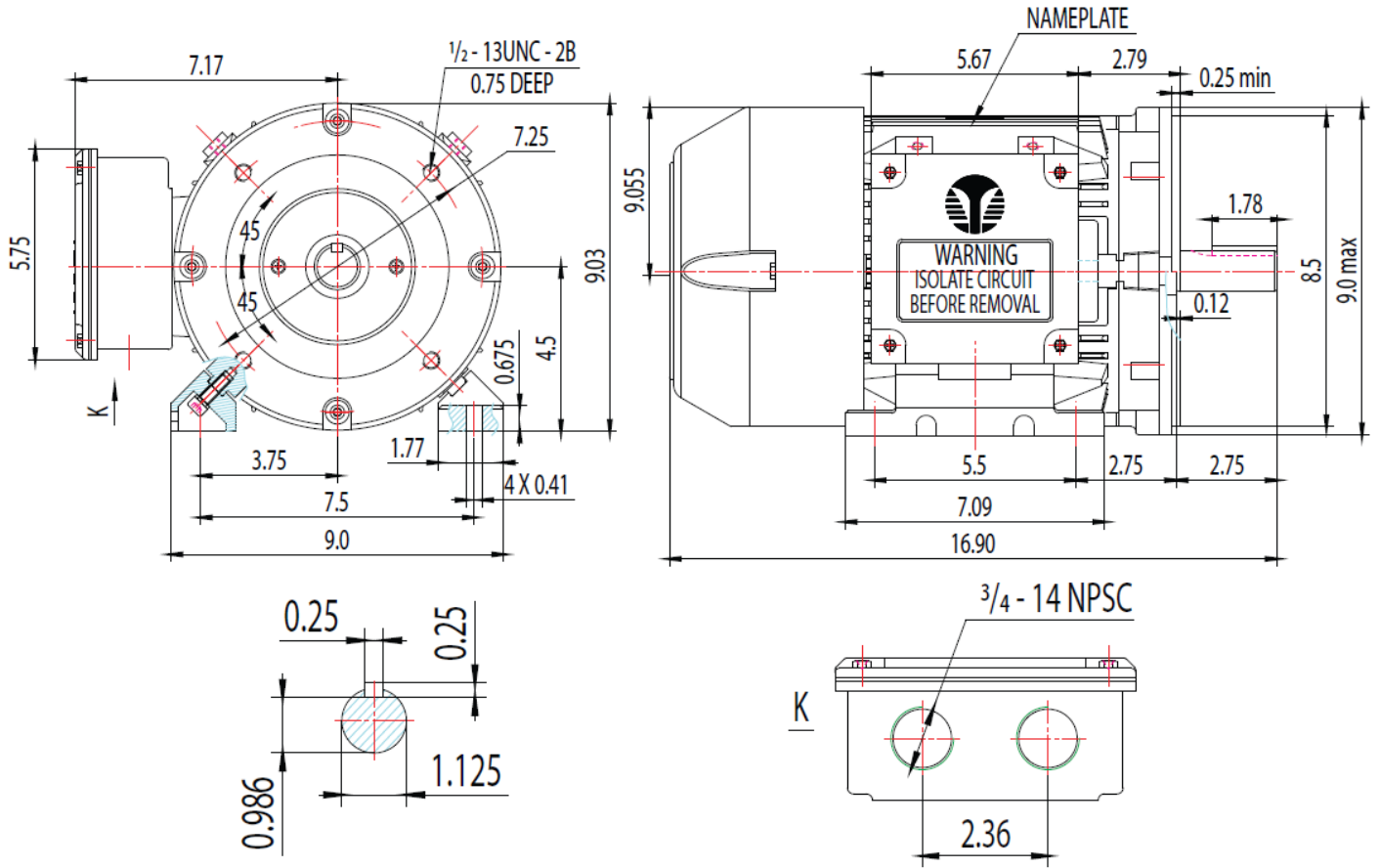
List Price --

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	Rated Ambient (°C)	40																								
Locked Rotor	-	253	53	Rated Altitude (M)	1000																								
Breakdown	-	362	-	Coating	7024 - Graphite Grey																								
Pull Up	-	225	-	Shaft Grounding	NO																								
125% of FL	1734	-	7.5	Brake Voltage (DC)																									
75% of FL	1765	-	4.9	Brake Torque (N-M)																									
50% of FL	1777	-	3.92	Mechanical Data																									
No Load	1797	-	2.89	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>																													
<p style="text-align: center;">CONNECTIONS</p> <table border="1" style="width: 100%; text-align: center;"> <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> </table>						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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7	8	9	7	8	9																								
1	2	3	1	2	3																								
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Techtot Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540																													

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



MODEL NUMBER:

GR3-CI-TF-184TC

MFG PN:

REV. BY DATE

1

2

3

4

5

6

7

CHANGES

MATERIAL:

UNITS: INCH BY: SSEE

DRAWN: 6/18/2018

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