

		Model Number:		GR3-CI-TF-182T-6-B-D-1.5		
		MFG PN:		560		
		List Price:				
All data shown at HIGH voltage setting				Format: STD 3 Phase		
Electrical Data				General Data		
Rated Motor Output Power		1.5	HP	Frame Size		182T
Rated Motor Speed	1150	r/min 60Hz	Enclosure		TEFC	
	945	r/min 50Hz	Mounting		Rigid	
Rated Motor Voltage (3 Phase)	230/460	V/60Hz	NEMA Design		A	
	190/380	V/50Hz	IP Rating		55	
Rated Motor Current	4.79/2.4	A (In) @ 60Hz	Insulation Class		F	
	5.6/2.8	A (In) @ 50Hz	Tropicalization		1	
FL Current @ 208V	None	A (In) @ 60Hz	Duty		Cont. / S1	
Service Factor	1.25	@ 60Hz	Cable Entry		1-NPT 3/4"	
	1.25	@ 50Hz	Feet Removable		1	
KVA Code	L	60Hz	Double Drilled		0	
	J	50Hz	Frame Material		Cast Iron	
Nominal Efficiency	87.5	% @ 60Hz	Shaft Material		None	
	82.5	% @ 50Hz	Coating	RAL	7024	
Nominal Power Factor	0.72	cosθ @ 60Hz				
Full Load Torque Ft-Lb		S		Mechanical Data		
Load Data	Trq Ft-Lb	Trq %FL	Current Amps	Bearing DE Side		6306ZZ
Locked Rotor				Bearing NDE Side		6306ZZ
Breakdown	12.63178439	192.0	-	Comp Ring (wavey washer)		NDE
Pull Up	14.81968875	322.0	-	Weight		93.7125 Lbs
Load Data	RPM	Eff %	Current Amps	Moment of Inertia		None kg.m3
125% of FL	1734.1	86.5	2.54	Site Conditions		
75% of FL	1763.0	86.79	1.83	Temp Rise @ Full Load °C		B @ 60Hz
50% of FL	1775.8	84.56	1.57	Ambient Temperature °C		40
No Load	1199.0	0	1.57	Altitude Above Sea Level (M)		1000
Brake Torque (N-M)		100.0	Loaded Torque Curves		None	
Brake Coil Voltage		None	P1 = Output Power (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosφ = Power Factor			

CT VFD Range																															
Haz Loc Rating																															
Options:																															
UL File Number																															
CSA File Number																															
DOE File Number																															
CE APPROVAL																															
Wiring Diagram	NEMA-3-9-YY-Y																														
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																															
<table border="1"> <tr> <th colspan="6">CONNECTIONS</th> </tr> <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>		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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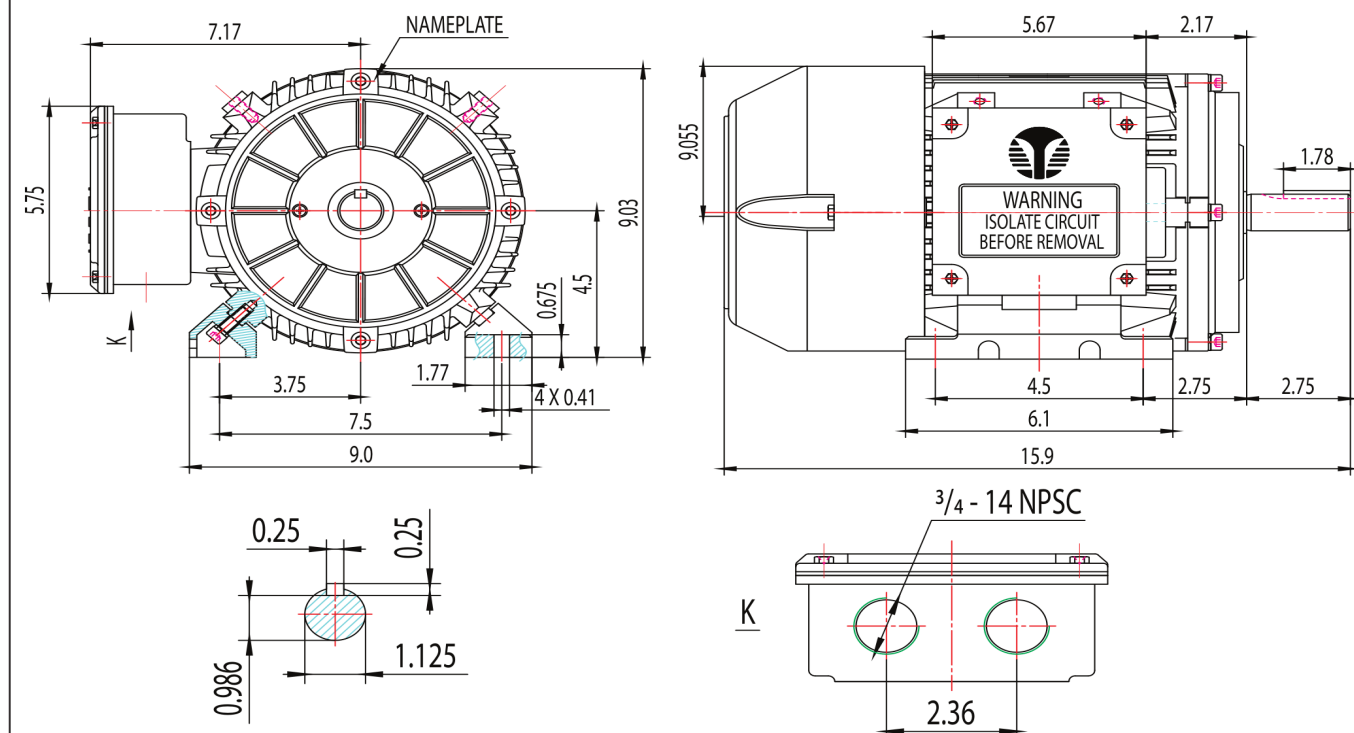
MFG PN:

List Price: 560

Dimensional Drawing (For Reference Only)

GR3-CI-TF-182T-CFC-2D

FRAME: 182T | HP: | RPM: | PHASE: 3 | VOLT: 208 - 230/460V | ENCL: TEFC | FREQ: 60 Hz | FLA: | LRA:



	MODEL NUMBER:	REV	BY	DATE	CHANGES
	GR3-CI-TF-182T	1			
	MFG PN:	2			
		3			
		4			
		5			
		6			
MATERIAL: UNITS: INCH BY: SSEE DRAWN: 6/18/2018 WWW.TECHTOP.COM					

Components

Item	Model	Description	List Price
C-Face Kit			

D-Flange Kit			
DE Endplate Kit			
NDE Endplate Kit			
Junction Box			
Cooling Fan Cover			
Cooling Fan			
Replacement Feet			
DE Bearing Retainer Kit			
NDE Bearing Retainer Kit			
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