



Model Number GR3-CI-TF-284TC-4-BR-D-25-230|460-60

MFG PN TFC284T25U4B

List Price --

All data shown at HIGH voltage setting

Format | STD 3 Phase

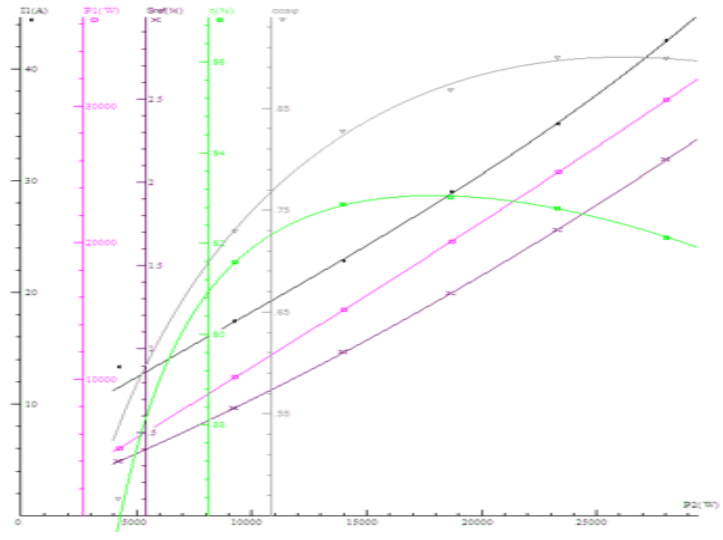
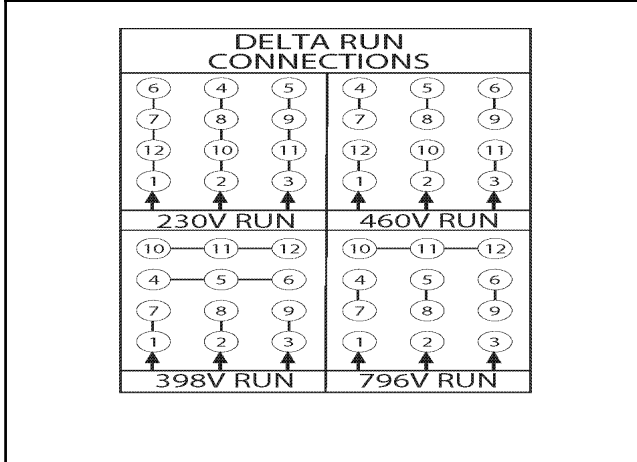
Electrical Data		General Data	
Rated Motor Output Power	25 HP	Frame Size	284
Rated Motor Speed	1775 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	365.2
Rated Motor Current	58.2/29.1 Amps	NEMA Design	A
Service Factor	1.25	IP Rating	55
KVA Code	K	Insulation Class	F
Nominal Efficiency	93.6 %	Tropicalization	YES
Nominal Power Factor	0.86 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	73.76 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	50.7	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

Load Data	RPM	Trq %FL	Current Amps	Mechanical Data	
Locked Rotor	-	283	269	Bearing DE Side	6311 C3
Breakdown	-	350	-	Bearing NDE Side	6311 C3
Pull Up	-	206	-	Moment of Inertia	kg.m2
125% of FL	1769	-	35	Noise Level	Per NEMA dB (A)
75% of FL	1782	-	22.92		
50% of FL	1788	-	17.43		
No Load		-	11.63		

Hazardous Location	Class 1, Div 2, Grp A,B,C,D		Rated Ambient (°C)	40
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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		





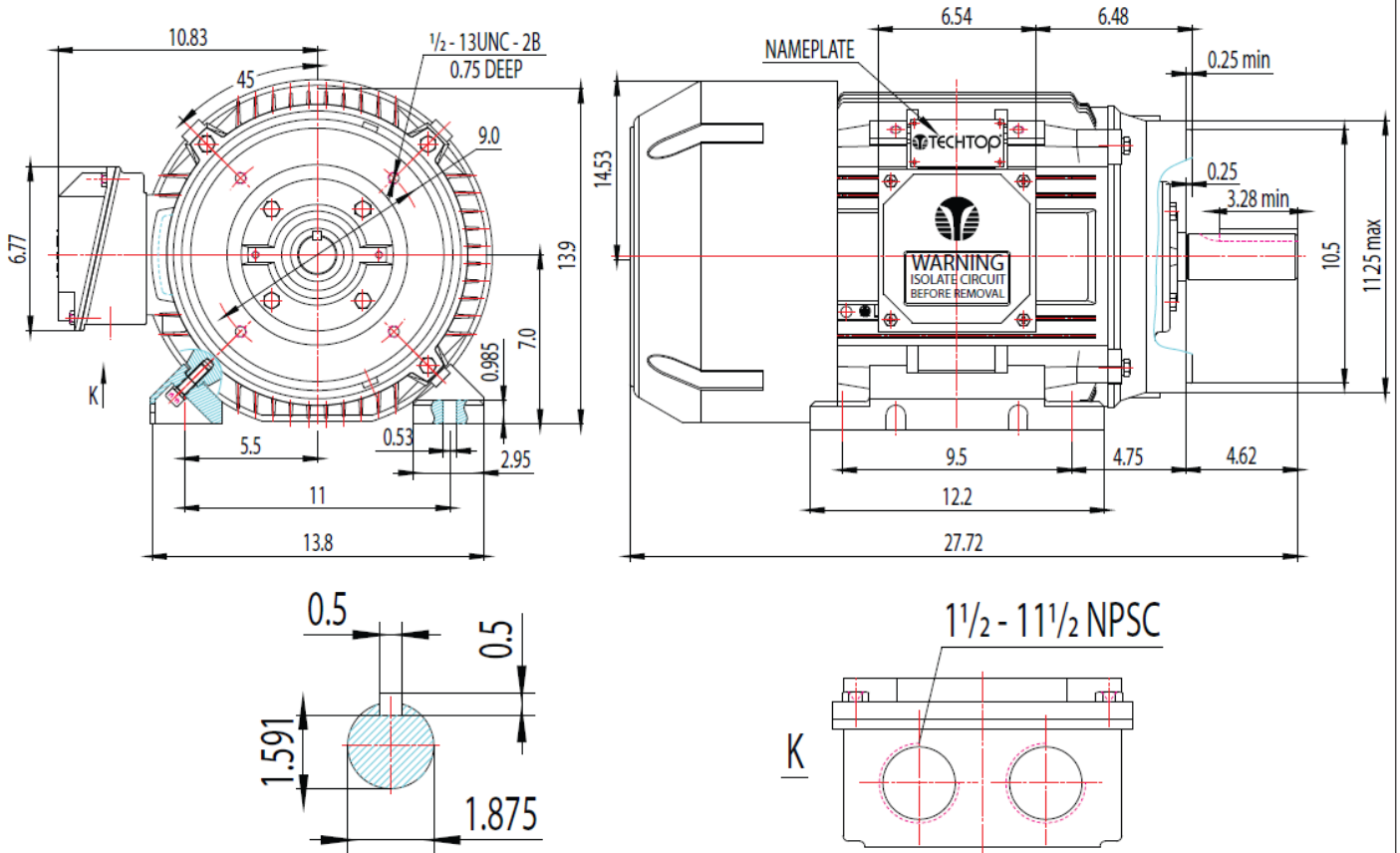
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Base Frame GR-284TC-CI-TF

FRAME: 284TC | HP: | RPM: | PHASE: 3 | VOLT: 208 - 230/460V | ENCL: TEFC | FREQ: 60 Hz | FLA: | LRA:



MODEL NUMBER:
GR3-CI-TF-284TC

MFG PN:

REV.	BY	DATE
1		
2		
3		
4		
5		
6		
7		

CHANGES

MATERIAL:
UNITS: INCH | BY: SSEE
DRAWN: 6/26/2018
WWW.TECHTOP.COM