



Model Number GR3-CI-TF-284TC-6-BR-D-15-230|460-60

MFG PN TFC284T15U6B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

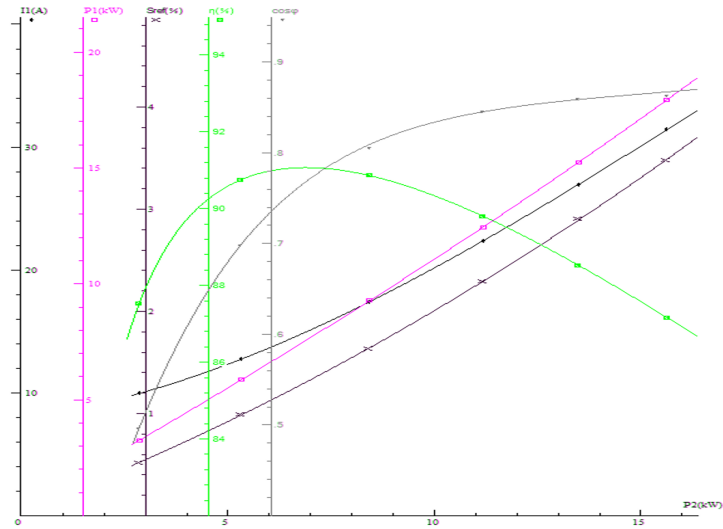
Electrical Data		General Data	
Rated Motor Output Power	15 HP	Frame Size	284
Rated Motor Speed	1180 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	348.26
Rated Motor Current	37.8/18.9 Amps	NEMA Design	A
Service Factor	1.25	IP Rating	55
KVA Code	L	Insulation Class	F
Nominal Efficiency	91.7 %	Tropicalization	YES
Nominal Power Factor	0.81 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	67.1216 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	41.9	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)
Locked Rotor	-	238	170.5	40
Breakdown	-	333	-	Rated Altitude (M)
Pull Up	-	123	-	1000
125% of FL	1180	-	21.37	Coating
75% of FL	1188	-	15.25	7024 - Graphite Grey
50% of FL	1192	-	12.14	Shaft Grounding
No Load	1196	-	9	NO

Mechanical Data	
Bearing DE Side	6311 C3
Bearing NDE Side	6311 C3
Moment of Inertia	kg.m2
Noise Level	Per NEMA dB (A)

Hazardous Location	Class 1, Div 2, Grp A,B,C,D		Loaded Torque Curves	--
CT VFD Range	--		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		





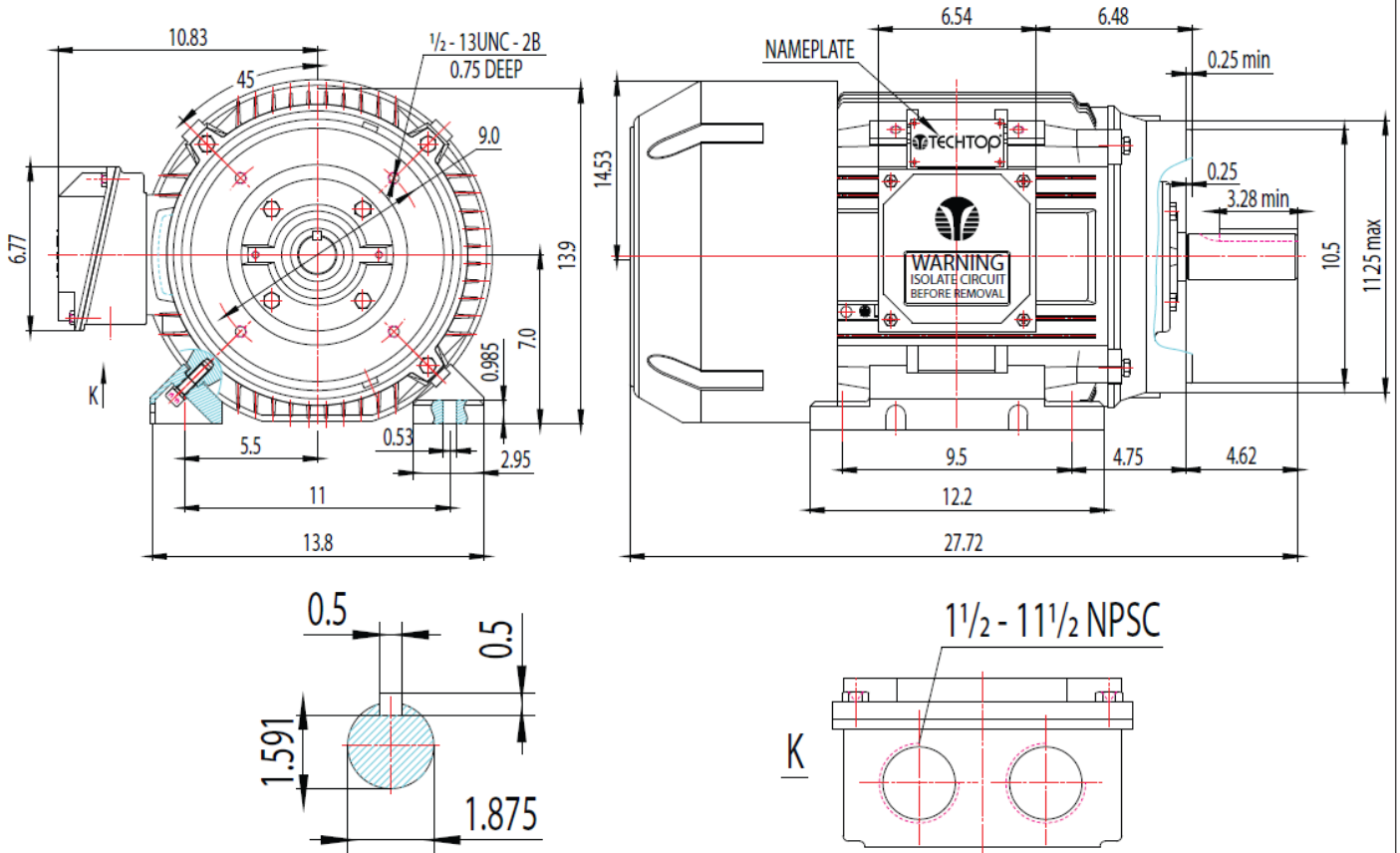
Model Number GR3-CI-TF-284TC-6-BR-D-15-230|460-60

MFG PN TFC284T15U6B

List Price --

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