



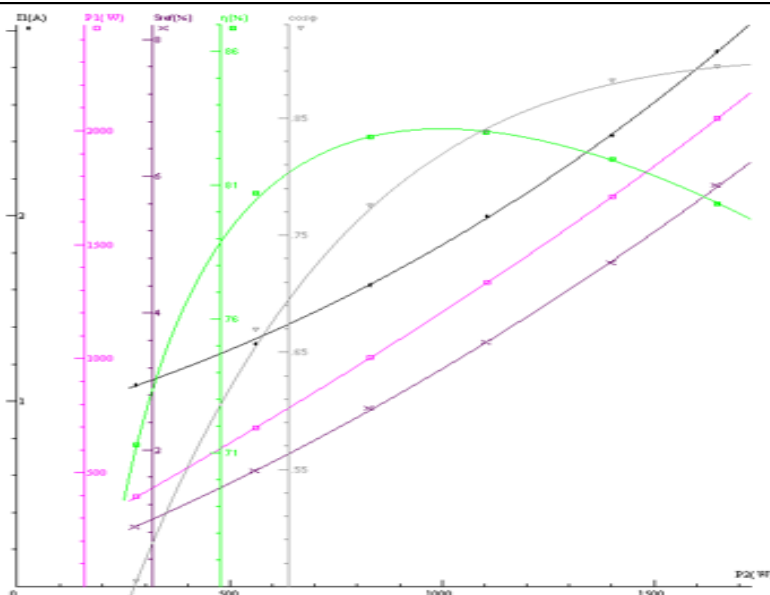
Model Number GR3-CI-TF-143T-2-B-D-1.5-230|460-60

MFG PN T143T1.5U2B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

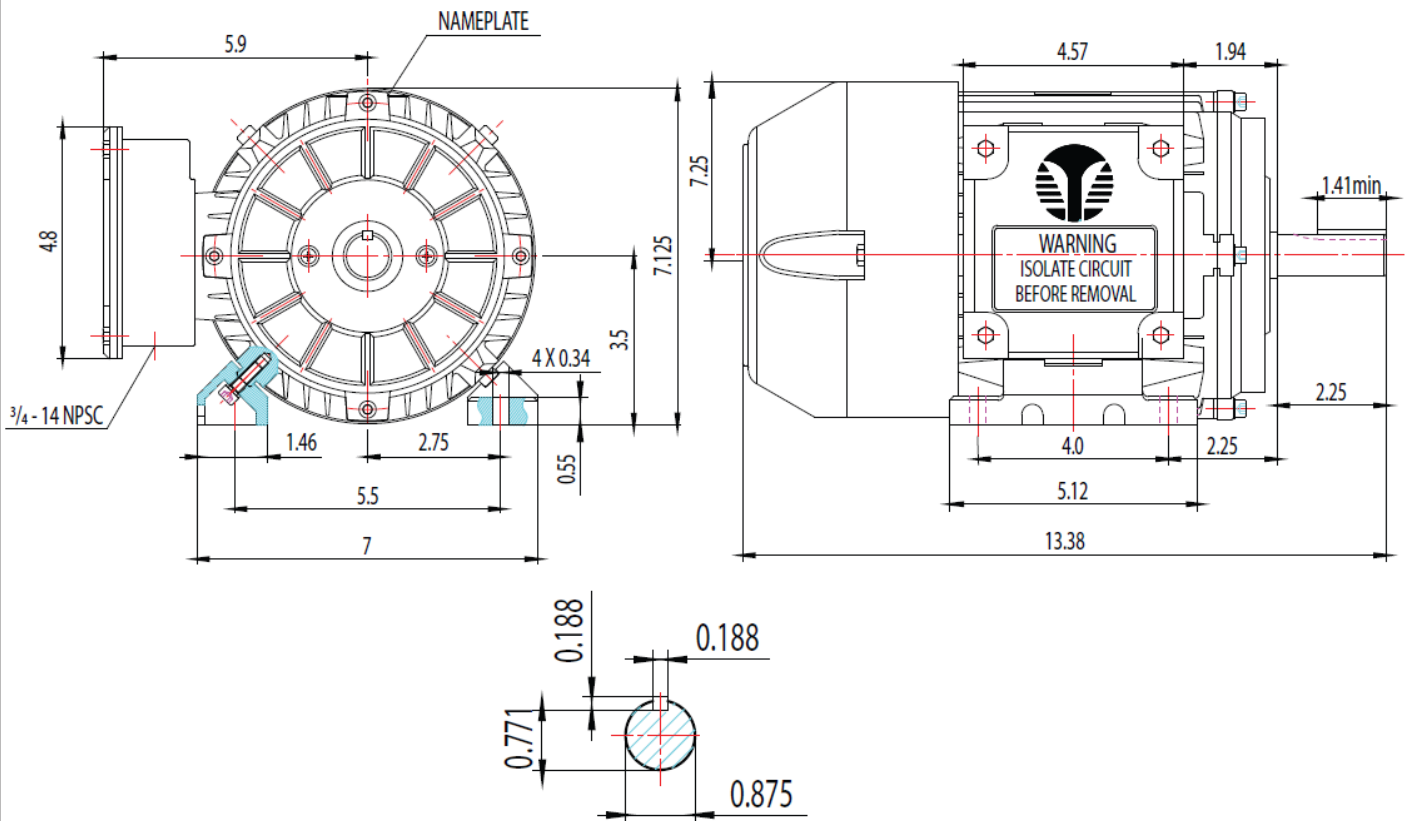
Electrical Data				General Data	
Rated Motor Output Power		1.5 HP		Frame Size	143
Rated Motor Speed		3500 r/min		Enclosure	TEFC
Rated Motor Voltage (3 Phase)		230 460-60 Volts - HZ		Approximate Weight	41.8
Rated Motor Current		4.12/2.06 Amps		NEMA Design	B
Service Factor		1.25		IP Rating	55
KVA Code		K		Insulation Class	F
Nominal Efficiency		84 %		Tropicalization	YES
Nominal Power Factor		0.84 cosθ		Duty	Cont.
Full Load Torque Ft-Lb		2.227552 Ft-Lb		Cable Entry	1.25
Temp Rise @ Full Load °C		45.4		Feet Removable	YES
Efficiency Level		IE3 - NEMA Premium		Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	312	15.73	Rated Altitude (M)	1000
Breakdown	-	346	-	Coating	7024 - Graphite Grey
Pull Up	-	--	-	Shaft Grounding	NO
125% of FL	3432	-	2.39	Brake Voltage (DC)	--
75% of FL	3508	-	1.62	Brake Torque (N-M)	--
50% of FL	3540	-	1.32	Mechanical Data	
No Load	--	-	1	Bearing DE Side	6205ZZ
Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing NDE Side	6205ZZ
				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				
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 CONNECTIONS 4 5 6 7 8 9 1 2 3 LOW VOLTAGE 4 5 6 7 8 9 1 2 3 HIGH VOLTAGE					

Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540



Model Number	GR3-CI-TF-143T-2-B-D-1.5-230 460-60
MFG PN	T143T1.5U2B
List Price	--
Base Frame	GR-143T-CI-TF

FRAME: 143T HP: RPM: PHASE: 3 VOLT: 208 - 230/460V ENCL: TEFC FREQ: 60 Hz FLA: LRA:



MODEL NUMBER:
GR3-CI-TF-143T

REV.	BY	DATE
1		
2		
3		
4		
5		
6		
7		

CHANGES

MATERIAL:
UNITS: INCH BY: SSEE
DRAWN: 6/15/2018
WWW.TECHTOP.COM

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