



Model Number	GX3-AL-TF-145TC-2-B-D-2-BRK-230 460-60
MFG PN	TB145T2U2B
List Price	--

All data shown at HIGH voltage setting

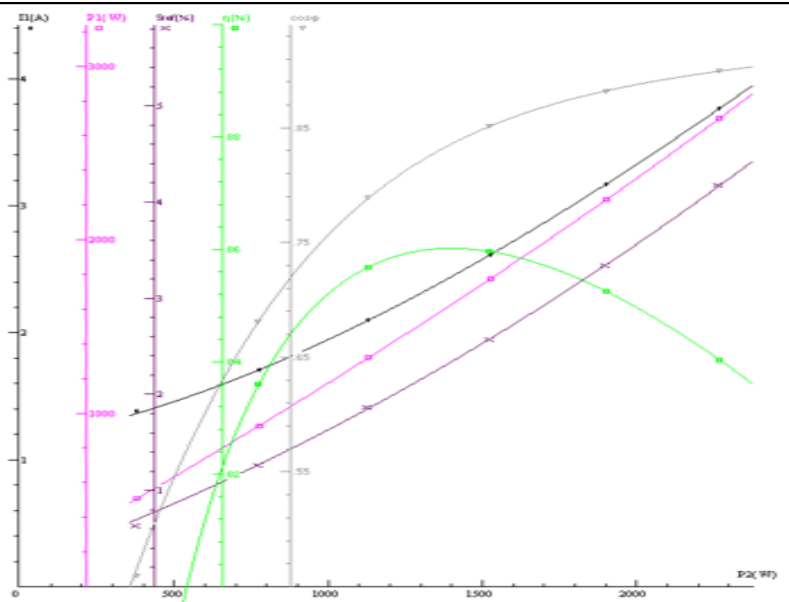
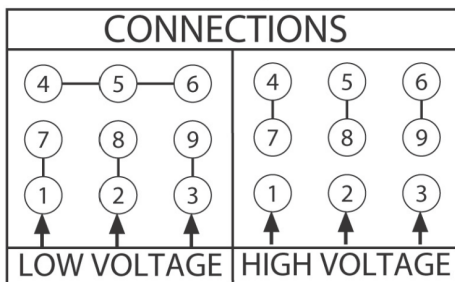
Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power	2 HP			Frame Size	145
Rated Motor Speed	3500 r/min			Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ			Approximate Weight	31.57
Rated Motor Current	5.18/2.59 Amps			NEMA Design	A
Service Factor	1.25			IP Rating	55
KVA Code	L			Insulation Class	F
Nominal Efficiency	85.5 %			Tropicalization	YES
Nominal Power Factor	0.85 cosθ			Duty	Cont.
Full Load Torque Ft-Lb	3.031536 Ft-Lb			Cable Entry	1.25
Temp Rise @ Full Load °C	39.4			Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium			Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	294	23.6	Rated Altitude (M)	1000
Breakdown	-	332	-	Coating	7024 - Graphite Grey
Pull Up	-	202	-	Shaft Grounding	Yes
125% of FL	3481	-	3.13	Brake Voltage (DC)	205V
75% of FL	3534	-	2	Brake Torque (N-M)	16
50% of FL	3556	-	1.68	Mechanical Data	
No Load	3591	-	1.28	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





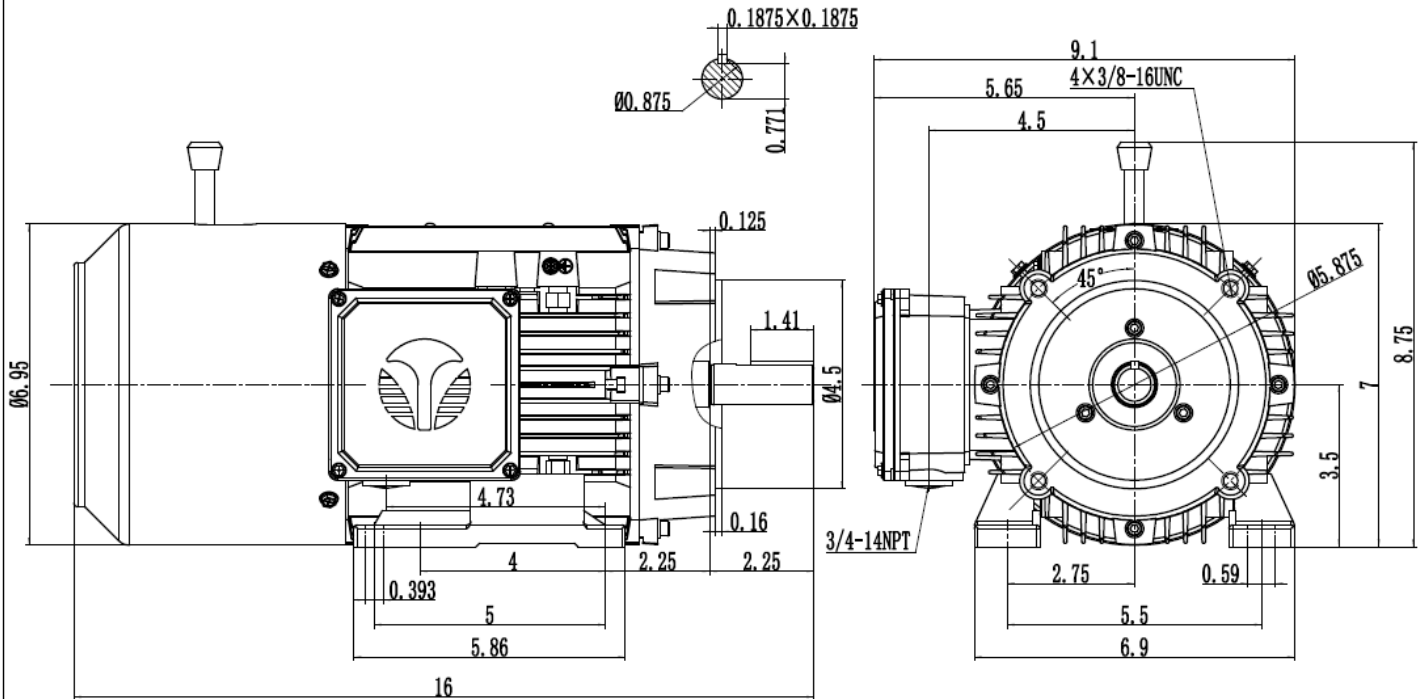
Model Number GX3-AL-TF-145TC-2-B-D-2-BRK-230|460-60

MFG PN TB145T2U2B

List Price --

Base Frame BR-145TC-AL-TF

FRAME: HP: RPM: PHASE: VOLT: ENCL: FREQ: FLA: LRA:



MODEL: NEMA140TC-B
REV.DISC:

SCALE: 1:2
VERSION:

DATE:
REVISED:

UNITS:
BY:

WWW.TECHTOP.COM

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