



Model Number GX3-AL-TF-145T-4-B-D-1.5-230|460-60

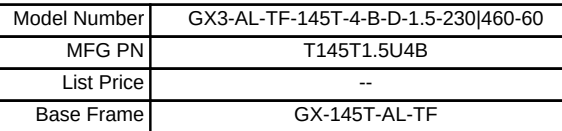
MFG PN T145T1.5U4B

List Price --

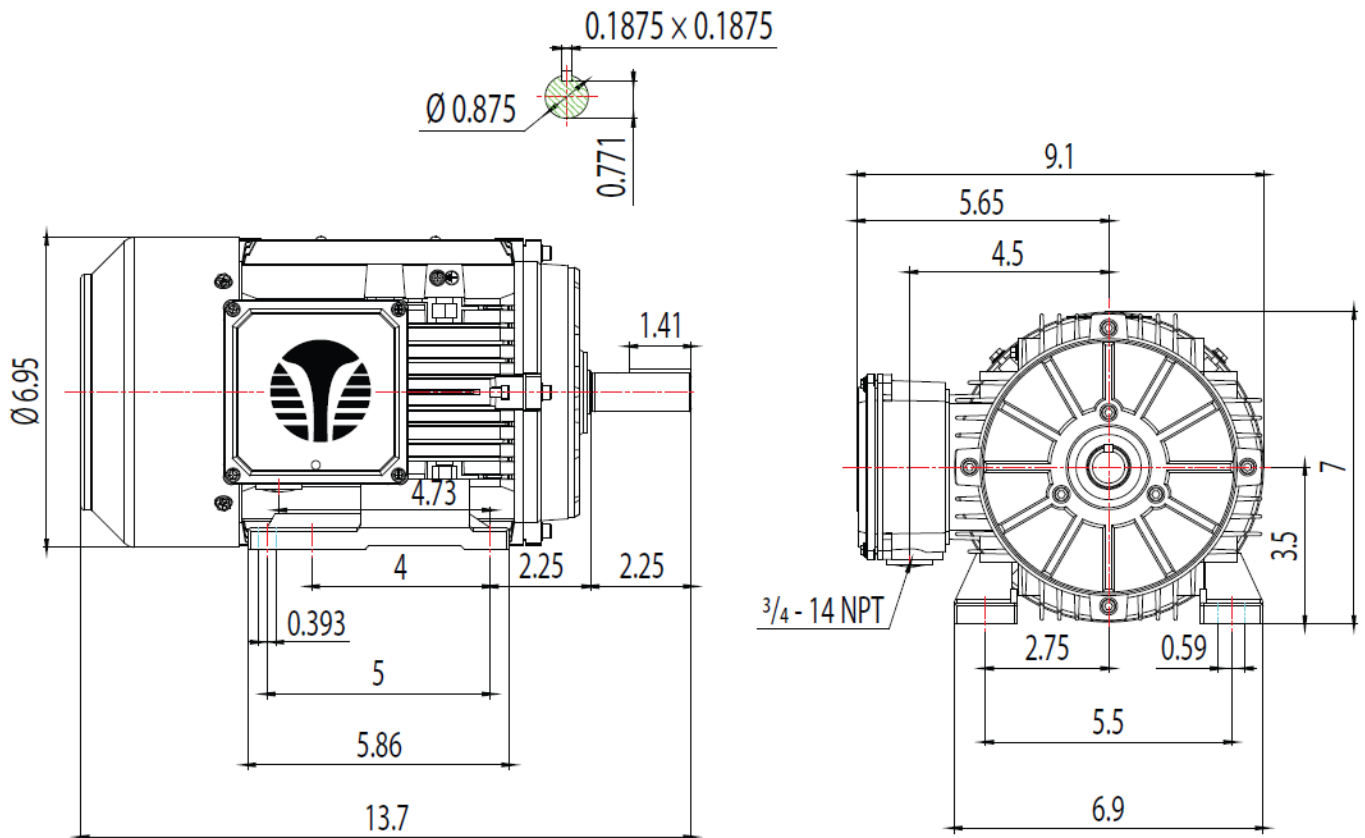
All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power		1.5 HP		Frame Size	145
Rated Motor Speed		1740 r/min		Enclosure	TEFC
Rated Motor Voltage (3 Phase)		230 460-60 Volts - HZ		Approximate Weight	36.52
Rated Motor Current		4.36/2.18 Amps		NEMA Design	A
Service Factor		1.25		IP Rating	55
KVA Code		K		Insulation Class	F
Nominal Efficiency		86.5 %		Tropicalization	YES
Nominal Power Factor		0.74 cosθ		Duty	Cont.
Full Load Torque Ft-Lb		3.26432256 Ft-Lb		Cable Entry	1.25
Temp Rise @ Full Load °C		25.3		Feet Removable	YES
Efficiency Level		IE3 - NEMA Premium		Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	311	20.63	Rated Altitude (M)	1000
Breakdown	-	390	-	Coating	7024 - Graphite Grey
Pull Up	-	309	-	Shaft Grounding	Yes
125% of FL	1738	-	2.87	Brake Voltage (DC)	--
75% of FL	1762	-	2.21	Brake Torque (N-M)	--
50% of FL	1775	-	1.91	Mechanical Data	
No Load	1796	-	1.65	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	
Certifications		UL	CSA	DOE	Loaded Torque Curves P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosφ = Power Factor
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 4 5 6 7 8 9 1 2 3 LOW VOLTAGEHIGH VOLTAGE					
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FRAME: 140T	HP:	RPM:	PHASE: 3	VOLT: 208-230/460V	ENCL: TEFC	FREQ: 60 Hz	FLA:	LRA:
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	MODEL NUMBER:		REV.	BY	DATE	CHANGES
	GX3-AL-TF-140T		1			
			2			
			3			
	MFG PN:		4			
	MATERIAL: ALUMINUM		5			
	UNITS: INCH	BY: SSEE	6			
DRAWN: 11/16/2018		7				
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