



Model Number GX3-AL-TF-145T-6-B-D-1-230|460-60

MFG PN T145T1U6B

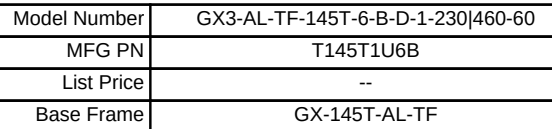
List Price --

All data shown at HIGH voltage setting

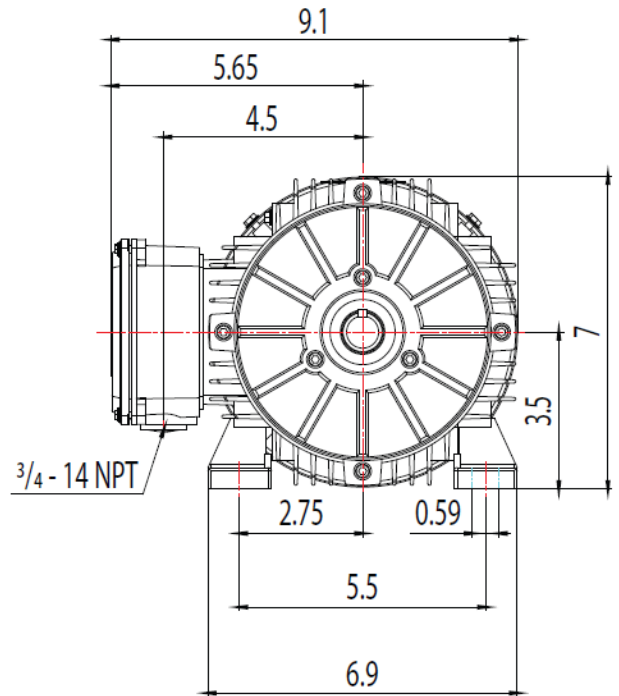
Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power		1 HP		Frame Size	145
Rated Motor Speed		1145 r/min		Enclosure	TEFC
Rated Motor Voltage (3 Phase)		230 460-60 Volts - HZ		Approximate Weight	33.44
Rated Motor Current		3.4/1.7 Amps		NEMA Design	A
Service Factor		1.25		IP Rating	55
KVA Code		H		Insulation Class	F
Nominal Efficiency		82.5 %		Tropicalization	YES
Nominal Power Factor		0.68 cosθ		Duty	Cont.
Full Load Torque Ft-Lb		4.58801952 Ft-Lb		Cable Entry	1.25
Temp Rise @ Full Load °C		23.1		Feet Removable	YES
Efficiency Level		IE3 - NEMA Premium		Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	194	8.46	Rated Altitude (M)	1000
Breakdown	-	278	-	Coating	7024 - Graphite Grey
Pull Up	-	218	-	Shaft Grounding	Yes
125% of FL	1128.7	-	1.9246	Brake Voltage (DC)	--
75% of FL	1162.7	-	1.389	Brake Torque (N-M)	--
50% of FL	1176.3	-	1.2143	Mechanical Data	
No Load	--	-	1.078	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 7 1 5 8 2 6 9 3 4 7 1 5 8 2 6 9 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			
	MFG PN:	2			
		3			
	MATERIAL: ALUMINUM	4			
	UNITS: INCH	5			
	BY: SSEE	6			
DRAWN: 11/16/2018	7				
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