



Model Number	WX3-AL-TF-145TC-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	--
Rated Motor Current	3.26/1.63 Amps	NEMA Design	B
Service Factor	1.25	IP Rating	56
KVA Code	H	Insulation Class	F
Nominal Efficiency	82.5 %	Tropicalization	YES
Nominal Power Factor	0.68 cos θ	Duty	Cont.
Full Load Torque Ft-Lb	4.58801952 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	41.5	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

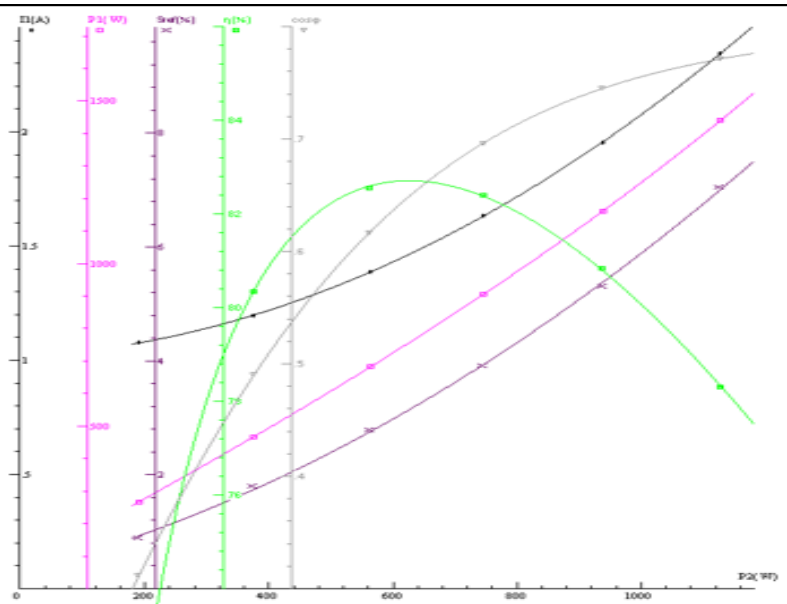
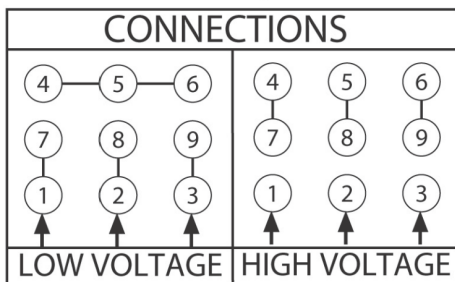
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	
Locked Rotor	-	194	8.46	Rated Altitude (M)	1000
Breakdown	-	278	-	Coating	7024 - Graphite Grey
Pull Up	-	218	-	Shaft Grounding	NO
125% of FL	1128.7	-	1.9246	Brake Voltage (DC)	--
75% of FL	1162.7	-	1.389	Brake Torque (N-M)	--
50% of FL	1176.3	-	1.2143	Mechanical Data	
No Load	--	-	1.078	Bearing DE Side	6205ZZ

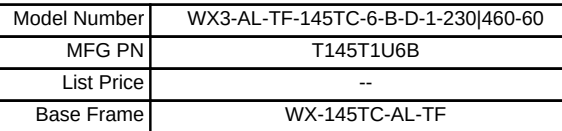
Hazardous Location	Class 1, Div2, Grp A,B,C,D		Bearing NDE Side	6205ZZ
			Moment of Inertia	-- kg.m2
			Noise Level	Per NEMA dB (A)

CT VFD Range	--	Loaded Torque Curves	
		P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cos ϕ = Power Factor	

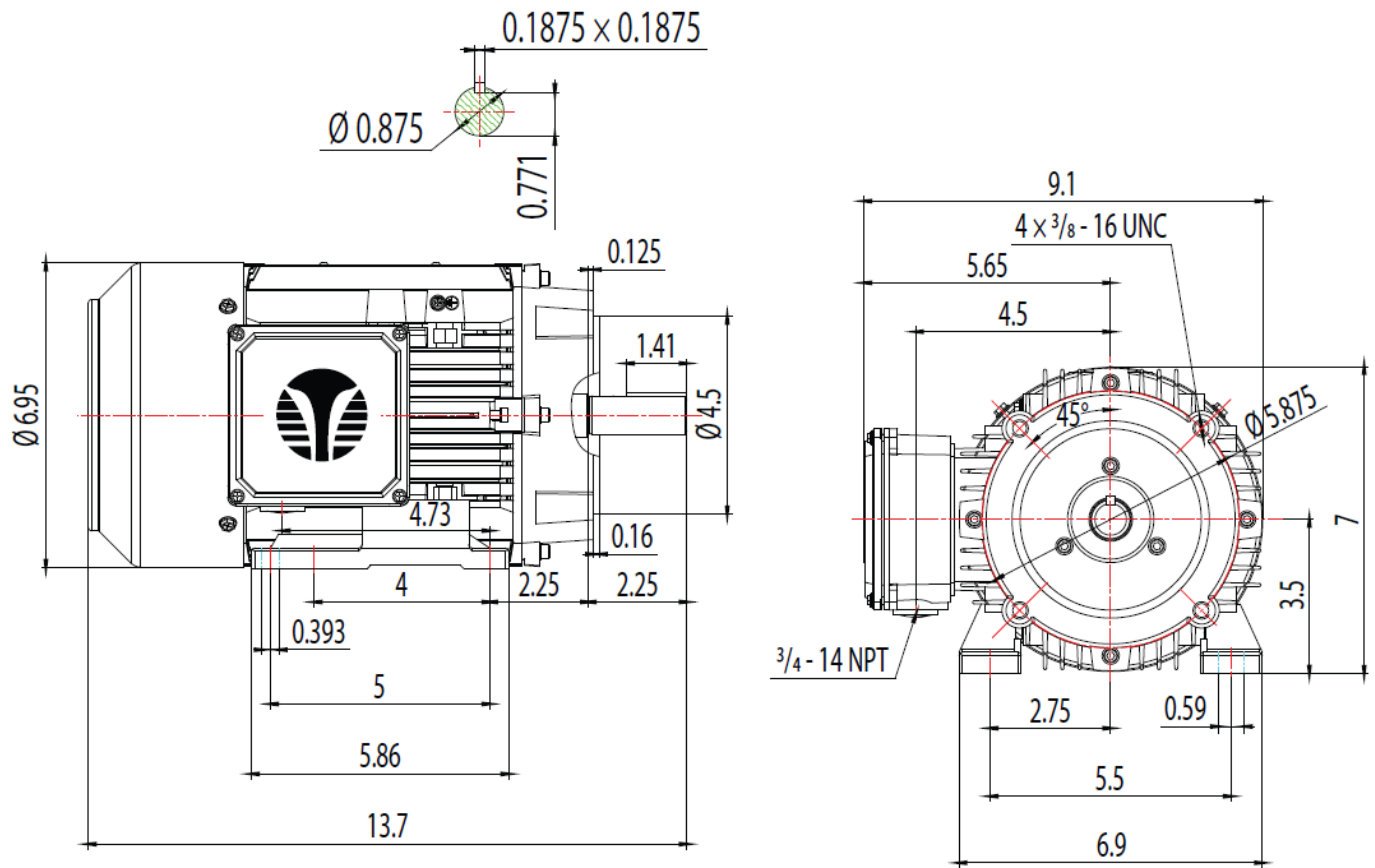
Certifications	UL	CSA	DOE
File Numbers	323353	224693	096A
Wiring Diagram	3PH 9 Lead Dual Voltage		

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





FRAME: 140TC	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-140TC		1			
	MFG PN:		2			
			3			
	MATERIAL: ALUMINUM		4			
	UNITS: INCH	BY: SSEE	5			
	DRAWN: 11/16/2018		6			
WWW.TECHTOP.COM		7				

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