



Model Number XR3-AL-TF-143T-4-B-D-1-190|380-50

MFG PN T 143T1U4B

List Price --

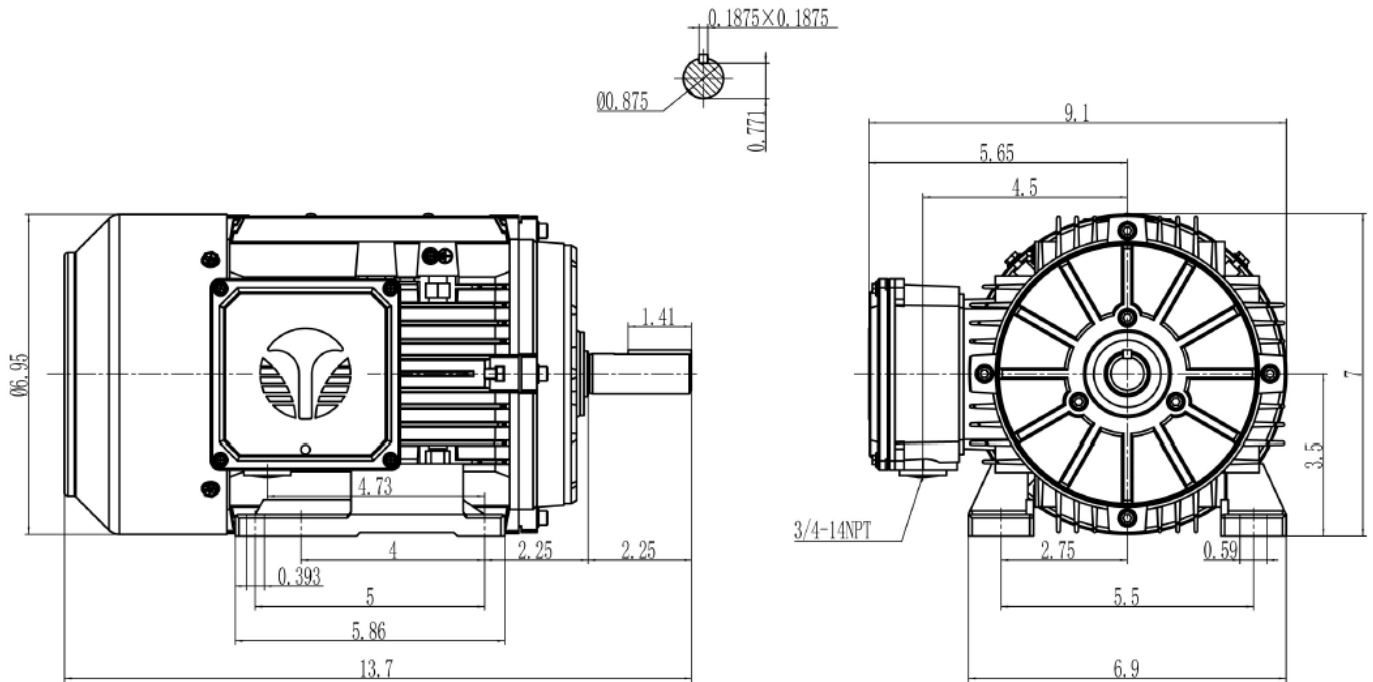
All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data				General Data											
Rated Motor Output Power		1 HP		Frame Size	143										
Rated Motor Speed		1440 r/min		Enclosure	TEFC										
Rated Motor Voltage (3 Phase)		190 380-50 Volts - HZ		Approximate Weight	32.14										
Rated Motor Current		3.57/1.78 Amps		NEMA Design	BE										
Service Factor		1.15		IP Rating	55										
KVA Code		K		Insulation Class	H										
Nominal Efficiency		84 %		Tropicalization	YES										
Nominal Power Factor		0.76 cosθ		Duty	Cont.										
Full Load Torque Ft-Lb		3.688 Ft-Lb		Cable Entry	1.25										
Temp Rise @ Full Load °C		23		Feet Removable	YES										
Efficiency Level		IE3 - NEMA Premium		Double Drilled	NO										
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40										
Locked Rotor	-	302	12	Rated Altitude (M)	1000										
Breakdown	-	335	-	Coating	7024 - Graphite Grey										
Pull Up	-	289	-	Shaft Grounding	YES										
125% of FL	1499	-	2.47	Brake Voltage (DC)	--										
75% of FL	1499.5	-	1.48	Brake Torque (N-M)	--										
50% of FL	1499.7	-	1.26	Mechanical Data											
No Load	--	-	1.08	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 <table><tr><td colspan="3"></td><td colspan="3"></td></tr><tr><td colspan="3">LOW VOLTAGE</td><td colspan="3">HIGH VOLTAGE</td></tr></table>												LOW VOLTAGE			HIGH VOLTAGE
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Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540

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



MODEL: NEMA140T

SCALE: 1:2

DATE:

UNITS:

REV. DESC:

VERSION:

REVISED:

BY:

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