



Model Number	XR3-AL-TF-143T-2-B-D-1.5-190 380-50
MFG PN	T 143T1.5U2B
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	143
Rated Motor Speed	3350 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	190 380-50 Volts - HZ	Approximate Weight	29.5
Rated Motor Current	4.51/2.25 Amps	NEMA Design	BE
Service Factor	1.15	IP Rating	55
KVA Code	H	Insulation Class	H
Nominal Efficiency	85.2 %	Tropicalization	YES
Nominal Power Factor	0.87 cos θ	Duty	Cont.
Full Load Torque Ft-Lb	2.65536 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	35	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

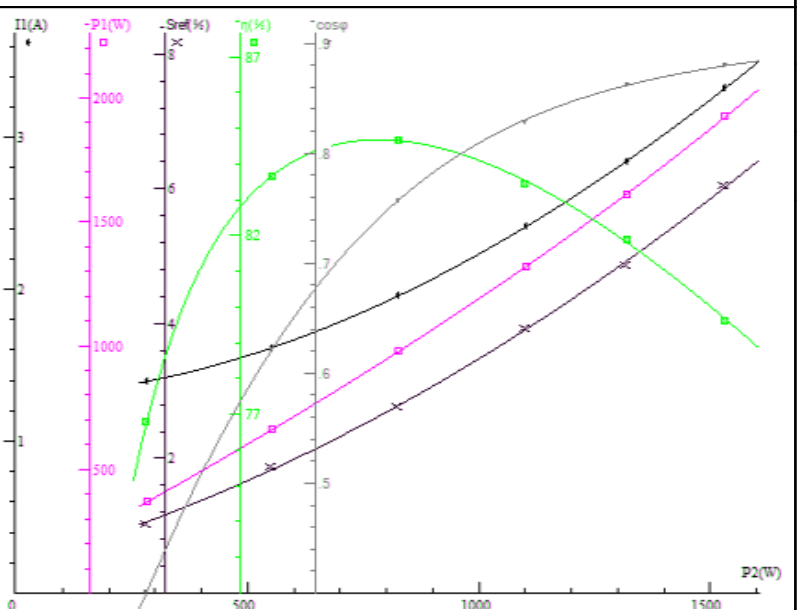
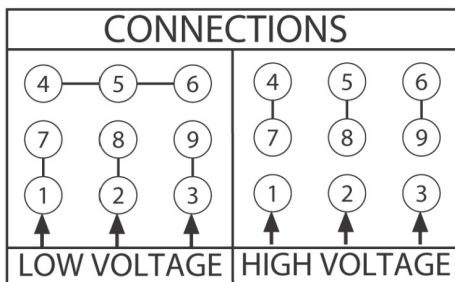
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	
Locked Rotor	-	207	15	40	
Breakdown	-	269	-	Rated Altitude (M)	
Pull Up	-	188	-	1000	
125% of FL	2998.4	-	2.96	Coating	
75% of FL	2999.2	-	1.95	7024 - Graphite Grey	
50% of FL	2999.5	-	1.61	Shaft Grounding	
No Load	--	-	1.34	YES	
				Brake Voltage (DC)	
				--	
				Brake Torque (N-M)	
				--	

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 (%), 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





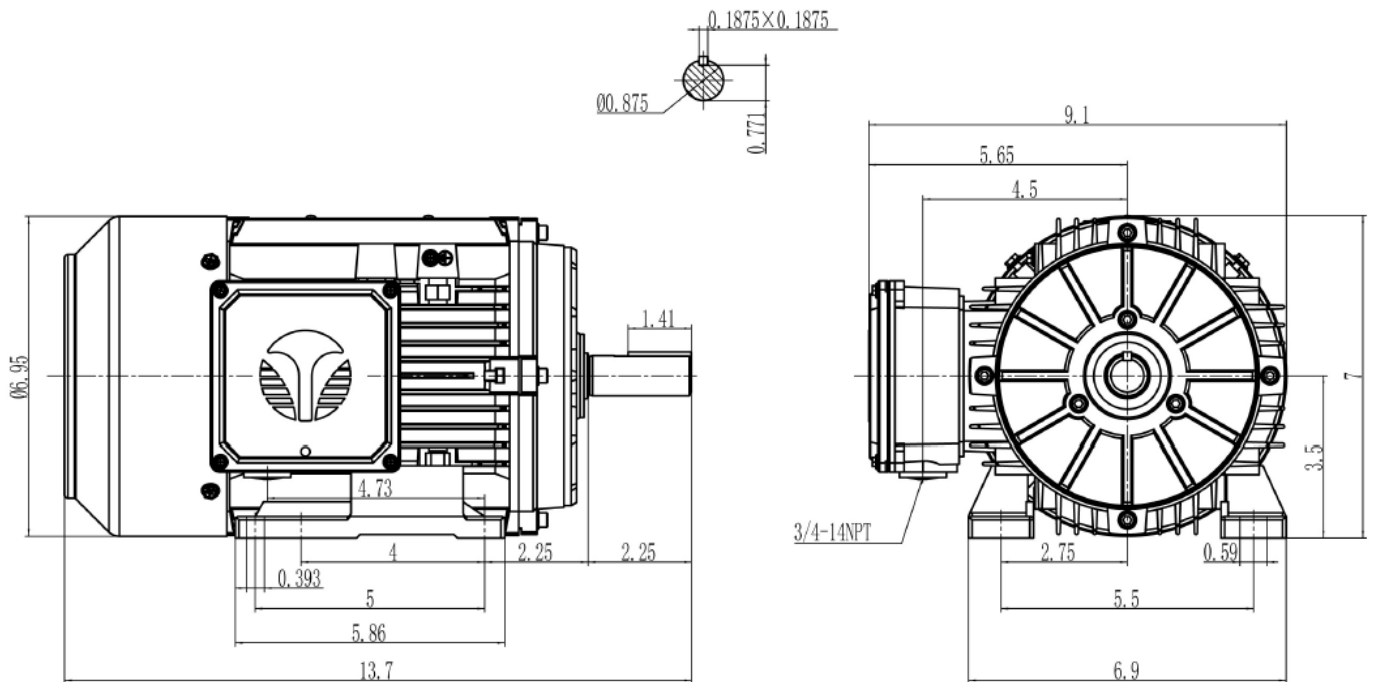
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Base Frame XR-143T-AL-TF

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



MODEL: NEMA140T

SCALE: 1:2

DATE:

UNITS:

REV. DESC:

VERSION:

REVISED:

BY:

WWW.TECHTOPIND.COM

Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540