



Model Number	XR3-AL-TF-182T-6-B-D-1.5-190 380-50
MFG PN	T 182T1.5U6B
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	182
Rated Motor Speed	965 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	190 380-50 Volts - HZ	Approximate Weight	--
Rated Motor Current	5.40/2.70 Amps	NEMA Design	BE
Service Factor	1.15	IP Rating	55
KVA Code	H	Insulation Class	H
Nominal Efficiency	87.2 %	Tropicalization	YES
Nominal Power Factor	0.71 cos θ	Duty	Cont.
Full Load Torque Ft-Lb	7.96608 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	15	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

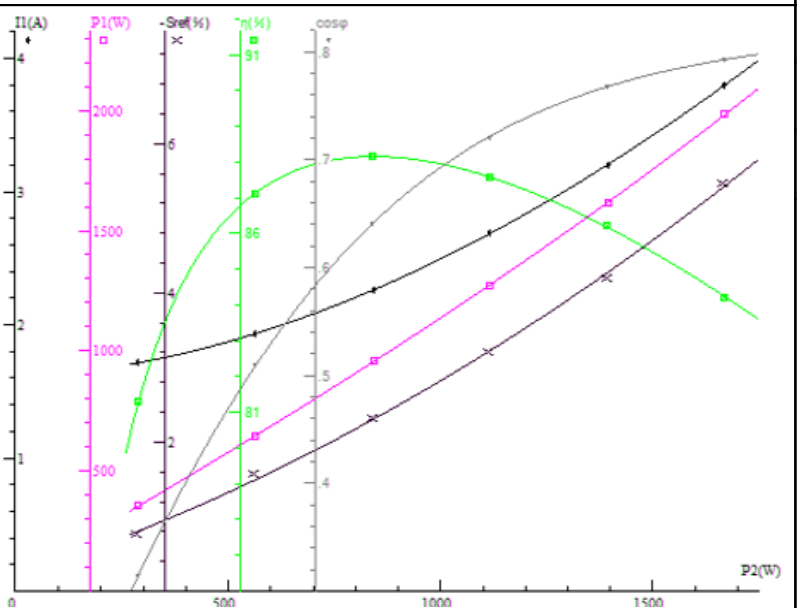
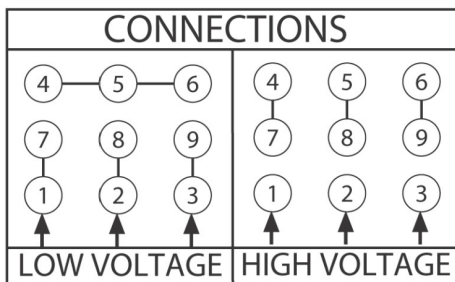
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	
Locked Rotor	-	214	15	Rated Altitude (M)	1000
Breakdown	-	287	-	Coating	7024 - Graphite Grey
Pull Up	-	189	-	Shaft Grounding	YES
125% of FL	999.5	-	3.75	Brake Voltage (DC)	--
75% of FL	999.8	-	2.23	Brake Torque (N-M)	--
50% of FL	999.9	-	1.92	Mechanical Data	
No Load	--	-	1.65	Bearing DE Side	6306ZZ

Hazardous Location	Class 1, Div 2, Grp A,B,C,D		Bearing NDE Side	6206ZZ
			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





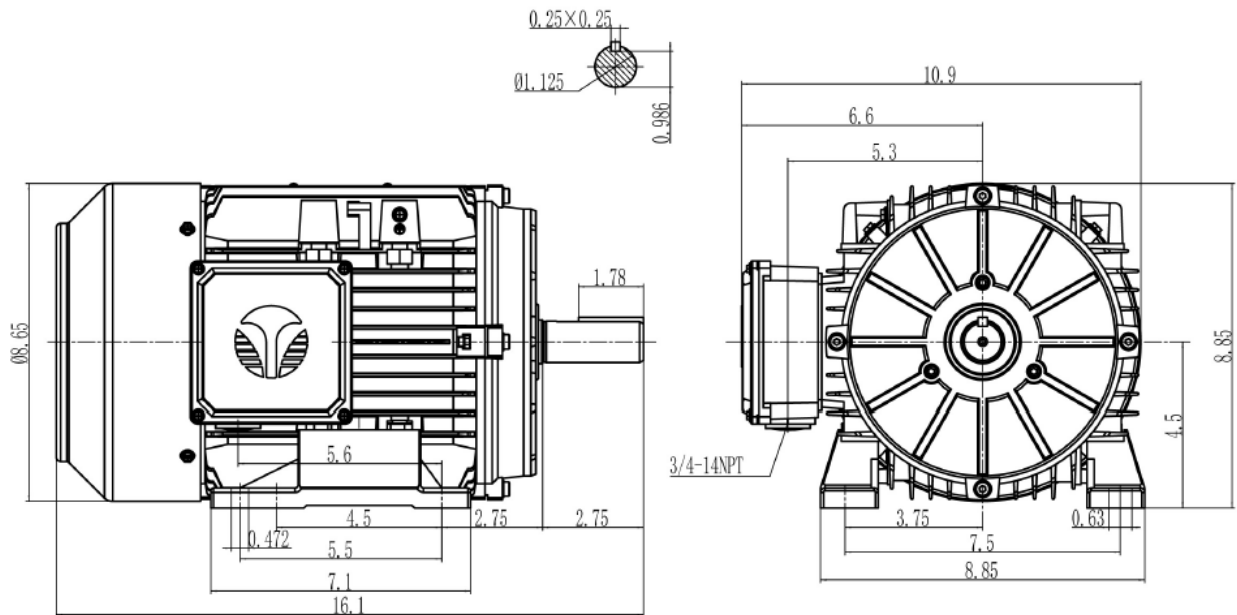
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MFG PN T 182T1.5U6B

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Base Frame XR-182T-AL-TF

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



MODEL: NEMA180T
REV.DISC:

SCALE: 1:2.5
VERSION:

DATE:
REVISED:

UNITS:
BY:

WWW.TECHTOPIND.COM

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