



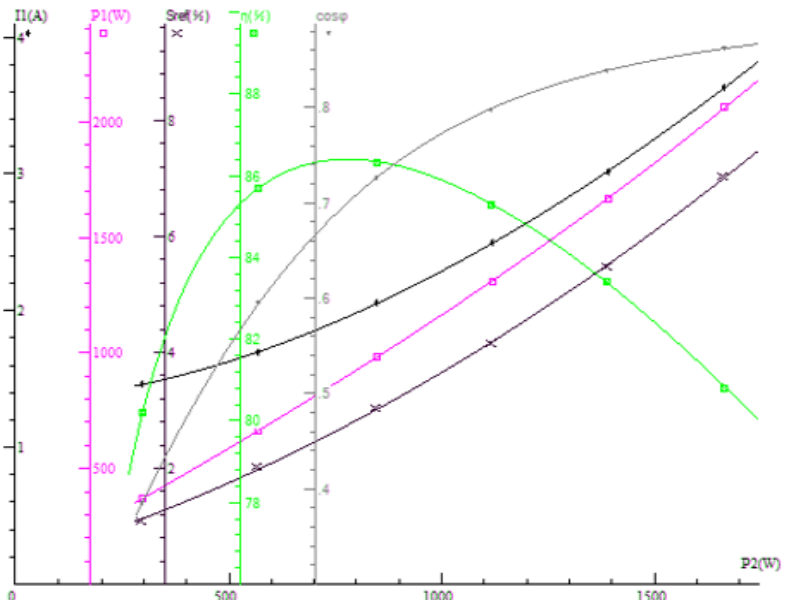
Model Number XR3-AL-TF-56J-4-B-D-1.5-190|380-50

MFG PN T 56H1.5U4B

List Price --

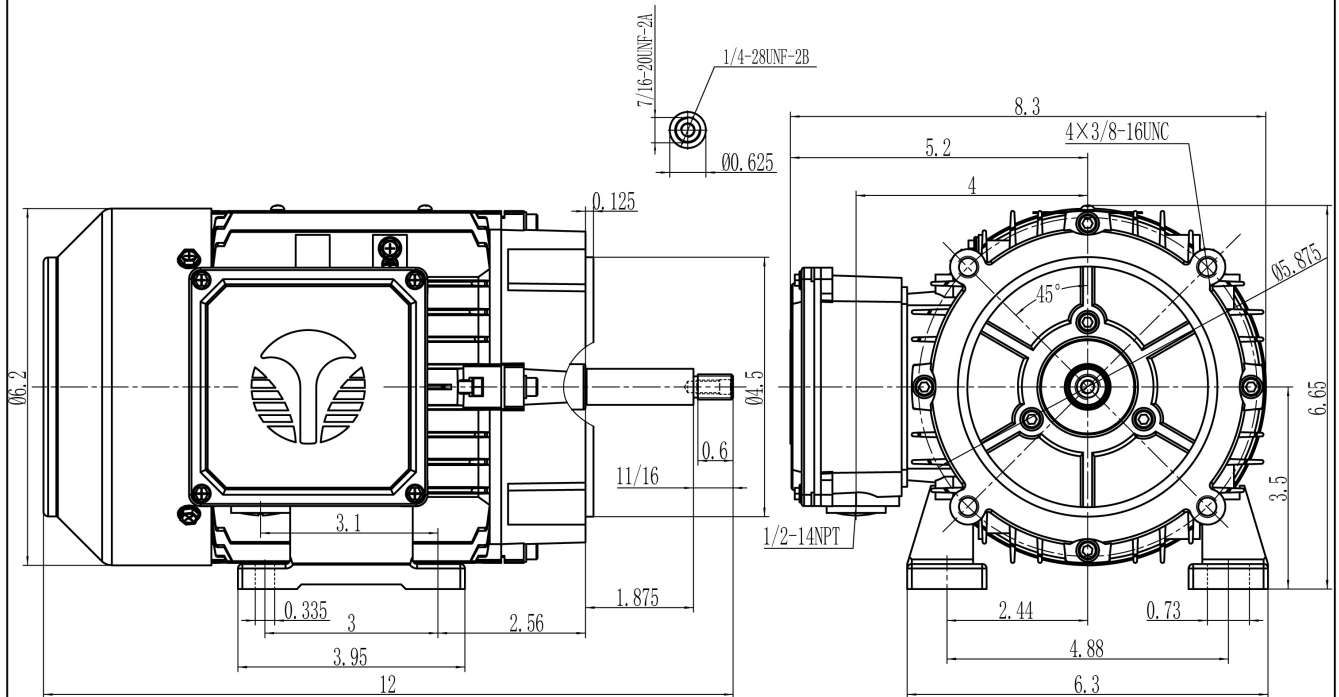
All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power		1.5 HP		Frame Size	56
Rated Motor Speed		1440 r/min		Enclosure	TEFC
Rated Motor Voltage (3 Phase)		190 380-50 Volts - HZ		Approximate Weight	31.7
Rated Motor Current		4.96/2.48 Amps		NEMA Design	BE
Service Factor		1.15		IP Rating	55
KVA Code		J		Insulation Class	H
Nominal Efficiency		84.2 %		Tropicalization	YES
Nominal Power Factor		0.8 cosθ		Duty	Cont.
Full Load Torque Ft-Lb		5.38448 Ft-Lb		Cable Entry	1.25
Temp Rise @ Full Load °C		20		Feet Removable	YES
Efficiency Level		IE3 - NEMA Premium		Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	293	17	Rated Altitude (M)	1000
Breakdown	-	327	-	Coating	7024 - Graphite Grey
Pull Up	-	290	-	Shaft Grounding	YES
125% of FL	1499	-	3.58	Brake Voltage (DC)	--
75% of FL	1499.6	-	2	Brake Torque (N-M)	--
50% of FL	1499.7	-	1.66	Mechanical Data	
No Load	--	-	1.36	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 1 2 3 LOW VOLTAGE 4 7 1 5 8 2 6 9 3 1 2 3 HIGH VOLTAGE					

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

FRAME:	HP:	RPM:	PHASE:	VOLT:	ENCL:	FREQ:	FLA:	LRA:
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MODEL: NEMA56J
REV.DISC:

SCALE: 1:1.5
VERSION:

DATE:
REVISED:

UNITS:
BY:

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