



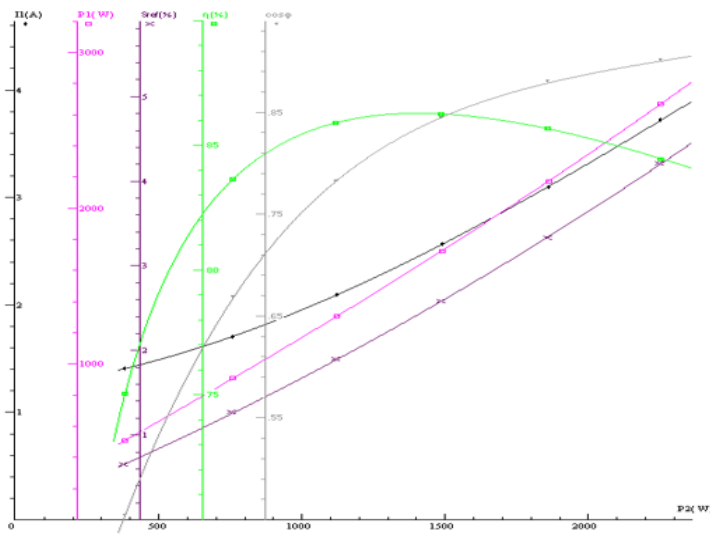
Model Number GR3-AL-TF-56J-2-B-D-2-230|460-60

MFG PN T56 2U2B

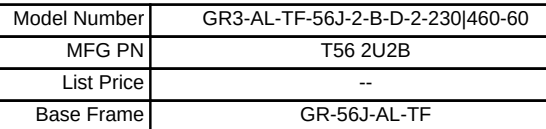
List Price --

All data shown at HIGH voltage setting

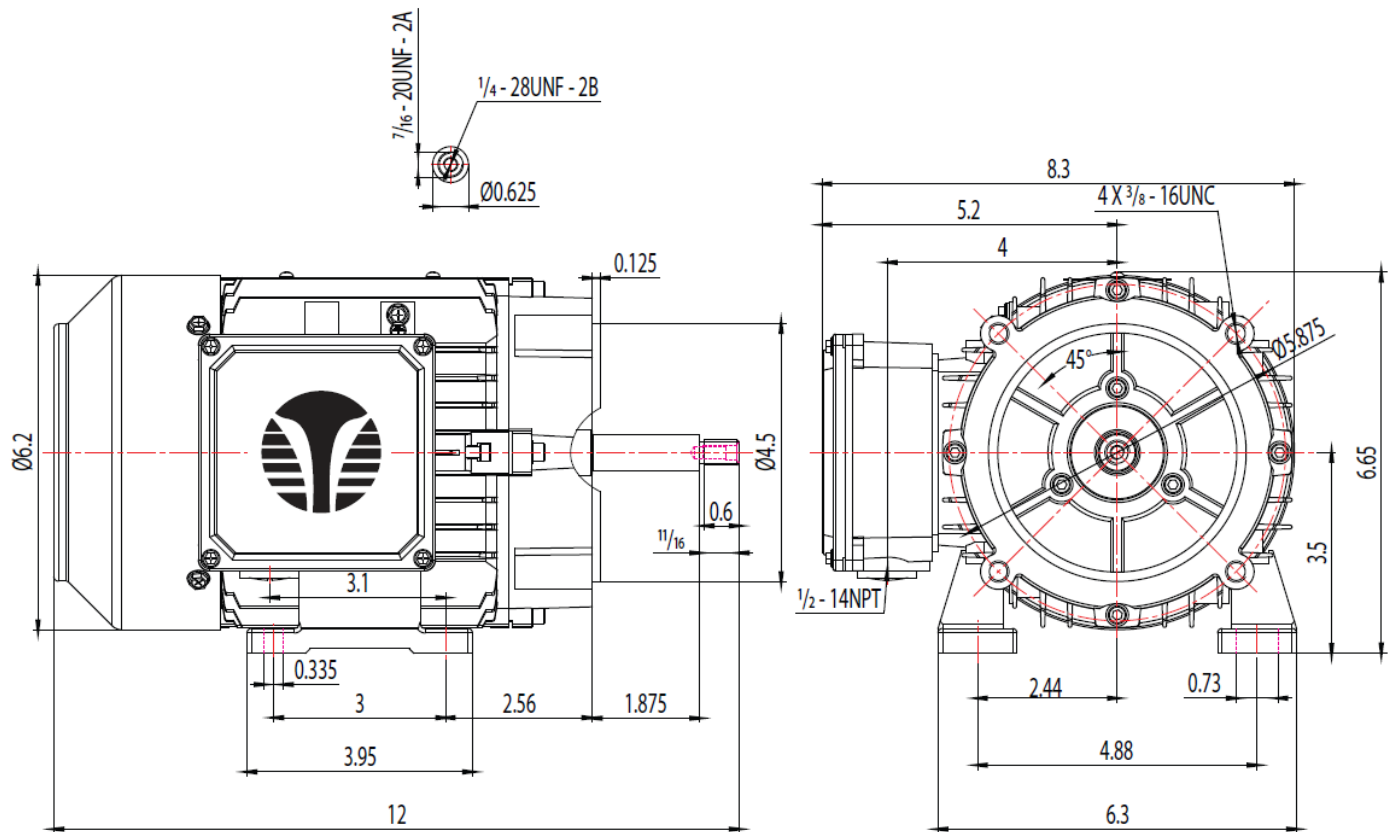
Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power		2 HP		Frame Size	56
Rated Motor Speed		3500 r/min		Enclosure	TEFC
Rated Motor Voltage (3 Phase)		230 460-60 Volts - HZ		Approximate Weight	26.5
Rated Motor Current		5.24/2.62 Amps		NEMA Design	A
Service Factor		1.25		IP Rating	55
KVA Code		L		Insulation Class	F
Nominal Efficiency		84 %		Tropicalization	YES
Nominal Power Factor		0.84 cosθ		Duty	cont
Full Load Torque Ft-Lb		3.28 Ft-Lb		Cable Entry	1.25
Temp Rise @ Full Load °C		43.2		Feet Removable	YES
Efficiency Level		IE3 - NEMA Premium		Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	353	24.31	Rated Altitude (M)	1000
Breakdown	-	424	-	Coating	7063 - Graphite Grey
Pull Up	-	295	-	Shaft Grounding	NO
125% of FL	3479	-	3.12	Brake Voltage (DC)	--
75% of FL	3532	-	2	Brake Torque (N-M)	--
50% of FL	3555	-	1.69	Mechanical Data	
No Load	--	-	1.3	Bearing DE Side	6204ZZ
Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing NDE Side	6204ZZ
				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 5 6 7 8 9 1 2 3 4 5 6 7 8 9 1 2 3 LOW VOLTAGEHIGH VOLTAGE					

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



FRAME: 56J	HP:	RPM:	PHASE: 3	VOLT: 115/208-230V	ENCL: TEFC	FREQ: 60 Hz	FLA:	LRA:
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MODEL NUMBER:	REV.	BY	DATE	CHANGES
GR3-AL-TF-56J	1			
	2			
MFG PN:	3			
	4			
	5			
	6			
	7			

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