



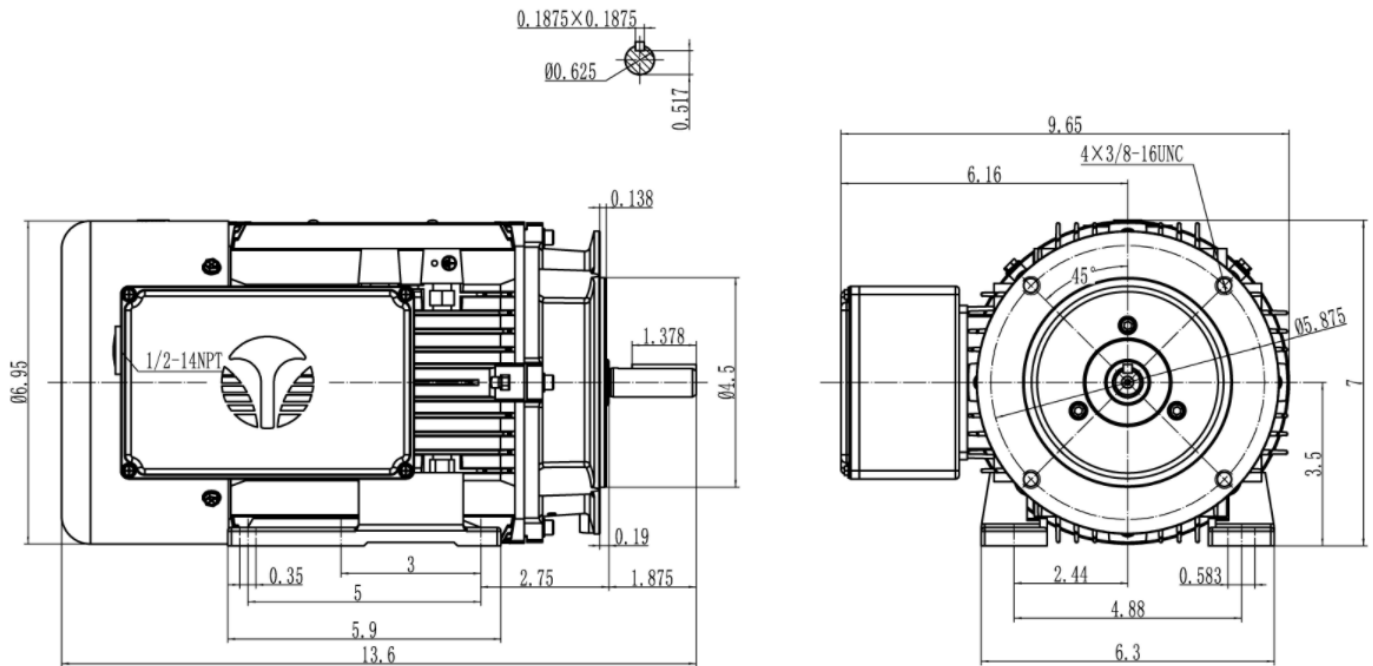
TECHTOP electric motors				Model Number		CB1-AL-TF-56H-4-B-C-2-115 230-60	
				MFG PN		TLF56H2Z4L	
				List Price		--	
All data shown at HIGH voltage setting						Format	STD 1 Phase
Electrical Data				General Data			
Rated Motor Output Power		2 HP		Frame Size		56	
Rated Motor Speed		1745 r/min		Enclosure		TEFC	
Rated Motor Voltage (1 Phase)		115 230-60 Volts - HZ		Approximate Weight		43.8	
Rated Motor Current		17.6/8.78 Amps		NEMA Design		L	
Service Factor		1.15		IP Rating		55	
KVA Code		G		Insulation Class		F	
Nominal Efficiency		82.5 %		Tropicalization		YES	
Nominal Power Factor		0.9 cosθ		Duty		Cont.	
Full Load Torque Ft-Lb		6.0852 Ft-Lb		Cable Entry		1-NPT 1/2	
Temp Rise @ Full Load °C		33.7		Feet Removable		YES	
Efficiency Level		IE3 - NEMA Premium		Double Drilled		NO	
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)		40	
Locked Rotor	-	208	52.66	Rated Altitude (M)		1000	
Breakdown	-	260	-	Coating		7024 - Graphite Gray	
Pull Up	-	156	-	Start Capacitor (µF / V / Qty)		500uF/ 165V	
125% of FL	1710	-	10.8	Run Capacitor (µF / V / Qty)		80uF/ 250V	
75% of FL	1755	-	8.4	Centrifugal Switch Type		--	
50% of FL	1771	-	4.6	Mechanical Data			
No Load	--	-	2.44	Bearing DE Side		6205-ZZ	
Hazardous Location	--			Bearing NDE Side		6205-ZZ	
				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	1PH CB1 6 Lead Dual Voltage						
CONNECTIONS LOW VOLTAGE T1 T3 T8 T2 T4 T5 Line 1 Line 2 T1 - Line 1 T2 T3 T8 T4 T5 Line 2 HIGH VOLTAGE To Reverse Either Voltage Interchange T5 & T8							

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



Model Number	CB1-AL-TF-56H-4-B-C-2-115 230-60
MFG PN	TLF56H2Z4L
List Price	--
Base Frame	C1-56H-AL-TF

FRAME:	HP:	RPM:	PHASE:	VOLT:	ENCL:	FREQ:	FLA:	LRA:
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MODEL:	TLF56HC	SCALE:	1:1	DATE:	UNITS:
REV. DESC:		VERSION:		REVISED:	BY:
					WWW.TECHTOP.COM

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