



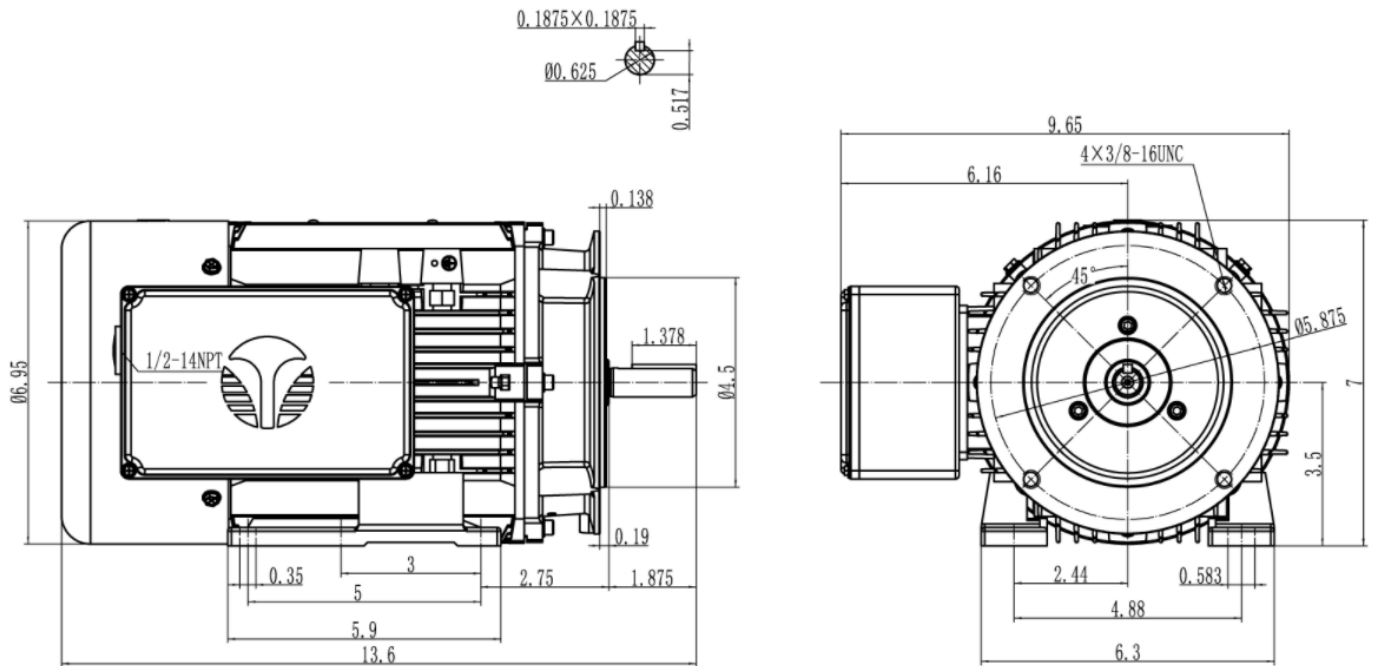
TECHTOP electric motors				Model Number		CB1-AL-TF-56H-2-B-C-1-115 230-60					
				MFG PN		TLF56H1Z2L					
				List Price		--					
All data shown at HIGH voltage setting						Format		STD 1 Phase			
Electrical Data				General Data							
Rated Motor Output Power		1 HP		Frame Size		56					
Rated Motor Speed		3520 r/min		Enclosure		TEFC					
Rated Motor Voltage (1 Phase)		115 230-60 Volts - HZ		Approximate Weight		30.4					
Rated Motor Current		8.65/4.33 Amps		NEMA Design		L					
Service Factor		1.15		IP Rating		55					
KVA Code		K		Insulation Class		F					
Nominal Efficiency		78.5 %		Tropicalization		YES					
Nominal Power Factor		0.96 cosθ		Duty		Cont.					
Full Load Torque Ft-Lb		1.4752 Ft-Lb		Cable Entry		1-NPT 1/2					
Temp Rise @ Full Load °C		28.4		Feet Removable		YES					
Efficiency Level		IE3 - NEMA Premium		Double Drilled		NO					
Load Data		RPM		Trq %FL		Current Amps		Rated Ambient (°C)		40	
Locked Rotor		-		295		38.75		Rated Altitude (M)		1000	
Breakdown		-		299		-		Coating		7024 - Graphite Gray	
Pull Up		-		232		-		Start Capacitor (µF / V / Qty)		350uF/ 165V	
125% of FL		3525		-		5		Run Capacitor (µF / V / Qty)		50uF/ 250V	
75% of FL		3558		-		3.25		Centrifugal Switch Type		--	
50% of FL		3572		-		2.48		Mechanical Data			
No Load		--		-		1.47					
Hazardous Location		--		Bearing DE Side		6205-ZZ					
				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		负载曲线			
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-2-B-C-1-115 230-60
MFG PN	TLF56H1Z2L
List Price	--
Base Frame	C1-56H-AL-TF

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



MODEL:	TLF56HC	SCALE:	1:1	DATE:	UNITS:
REV. DESC:		VERSION:		REVISED:	BY:
					WWW.TECHTOP.COM

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