



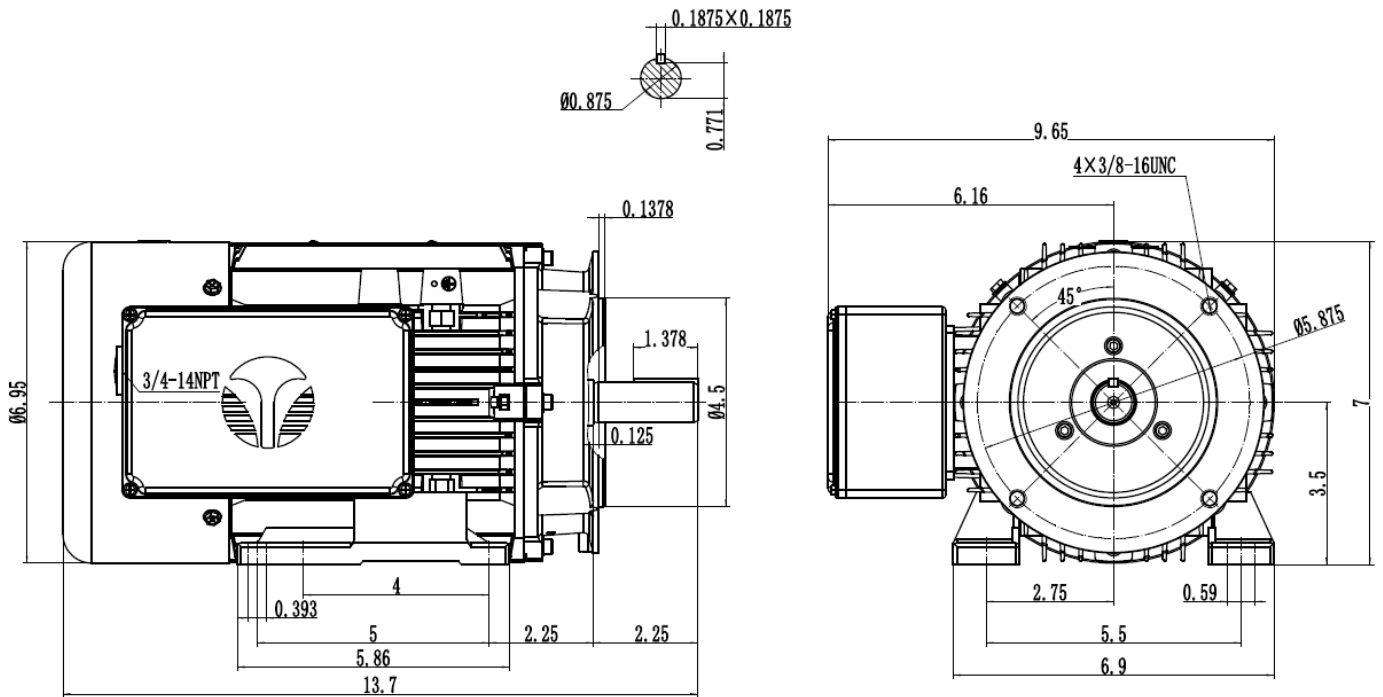
TECHTOP electric motors				Model Number		CB1-AL-TF-145TC-4-B-C-1.5-115 230-60					
				MFG PN		TLF145T1.5Z4L					
				List Price		--					
All data shown at HIGH voltage setting						Format		STD 1 Phase			
Electrical Data				General Data							
Rated Motor Output Power		1.5 HP		Frame Size		145					
Rated Motor Speed		1745 r/min		Enclosure		TEFC					
Rated Motor Voltage (1 Phase)		115 230-60 Volts - HZ		Approximate Weight		--					
Rated Motor Current		13.0/6.52 Amps		NEMA Design		L					
Service Factor		1.15		IP Rating		55					
KVA Code		H		Insulation Class		F					
Nominal Efficiency		81.5 %		Tropicalization		YES					
Nominal Power Factor		0.9 cosθ		Duty		Cont.					
Full Load Torque Ft-Lb		4.4256 Ft-Lb		Cable Entry		1-NPT 1/2					
Temp Rise @ Full Load °C		37		Feet Removable		YES					
Efficiency Level		IE3 - NEMA Premium		Double Drilled		NO					
Load Data		RPM		Trq %FL		Current Amps		Rated Ambient (°C)		40	
Locked Rotor		-		233		41.86		Rated Altitude (M)		1000	
Breakdown		-		285		-		Coating		7024 - Graphite Gray	
Pull Up		-		199		-		Start Capacitor (µF / V / Qty)		500uF/ 165V	
125% of FL		1718		-		8		Run Capacitor (µF / V / Qty)		80uF/ 250V	
75% of FL		1757		-		5.1		Centrifugal Switch Type		CSF56-4-L	
50% of FL		1772		-		4		Mechanical Data			
No Load		--		-		2.9		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-145TC-4-B-C-1.5-115 230-60
MFG PN	TLF145T1.5Z4L
List Price	--
Base Frame	C1-145TC-AL-TF

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



MODEL:	TLF140TC	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