



TECHTOP electric motors				Model Number		BL1-AL-TF-90LB34-4-B-C-2-115 230-60									
				MFG PN		TL90L-4									
				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		90									
Rated Motor Speed		1730 r/min		Enclosure		TEFC									
Rated Motor Voltage (1 Phase)		115 230-60 Volts - HZ		Approximate Weight		43.56									
Rated Motor Current		17.9/8.95 Amps		NEMA Design		--									
Service Factor		1.25		IP Rating		55									
KVA Code		G		Insulation Class		F									
Nominal Efficiency		81 %		Tropicalization		YES									
Nominal Power Factor		0.9 cosθ		Duty		CONT									
Full Load Torque Ft-Lb		8.25 Ft-Lb		Cable Entry		1									
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		-		--		-		Coating		7024 - Graphite Grey					
Pull Up		-		156		-		Start Capacitor (µF / V / Qty)		550uF/165V					
125% of FL		1709.6		-		10.8		Run Capacitor (µF / V / Qty)		80uF/250V					
75% of FL		1755		-		6.4		Centrifugal Switch Type		--					
50% of FL		1771		-		4.6		Mechanical Data							
No Load		--		-		2.4									
Hazardous Location		--				Bearing DE Side								6205	
						Bearing NDE Side								6205	
						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		BL1-Wiring Diagram													
BL1 Wiring Diagram															
Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540															



Model Number	BL1-AL-TF-90LB34-4-B-C-2-115 230-60
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List Price	--
Base Frame	BL1-90LB34-AL-TF



File Unavailable

Please contact Techtop Engineering to request this data
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