



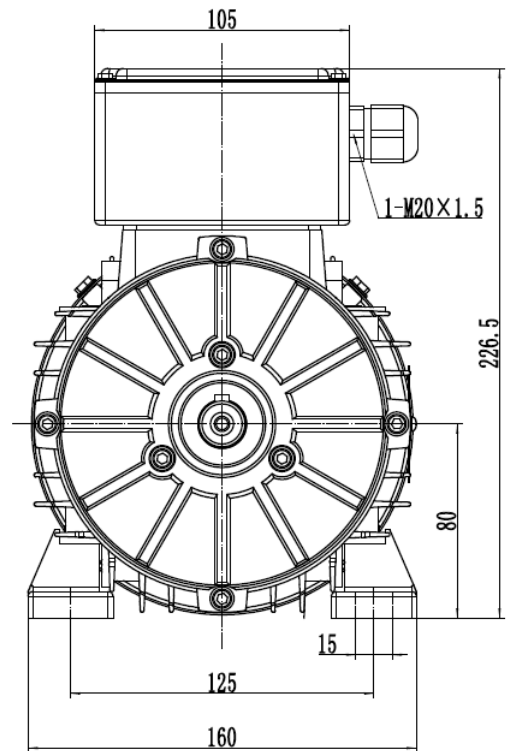
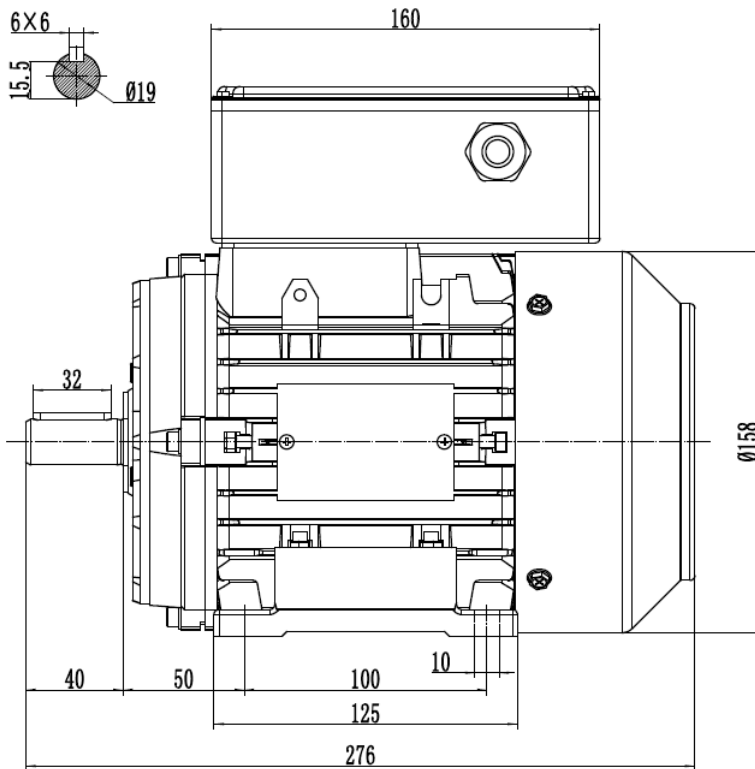
TECHTOP electric motors				Model Number		BL1-AL-TF-80B3-4-B-C-.75-115 230-60							
				MFG PN		TL801-4							
				List Price		--							
All data shown at HIGH voltage setting						Format		STD 1 Phase					
Electrical Data				General Data									
Rated Motor Output Power		0.75 HP		Frame Size		80							
Rated Motor Speed		1745 r/min		Enclosure		TEFC							
Rated Motor Voltage (1 Phase)		115 230-60 Volts - HZ		Approximate Weight		26.62							
Rated Motor Current		6.90/3.45 Amps		NEMA Design		L							
Service Factor		1.25		IP Rating		55							
KVA Code		H		Insulation Class		F							
Nominal Efficiency		77 %		Tropicalization		YES							
Nominal Power Factor		0.9 cosθ		Duty		CONT							
Full Load Torque Ft-Lb		2.2128 Ft-Lb		Cable Entry		1							
Temp Rise @ Full Load °C		--		Feet Removable		YES							
Efficiency Level		IE3 - NEMA Premium		Double Drilled		NO							
Load Data		RPM		Trq %FL		Current Amps		Rated Ambient (°C)		40			
Locked Rotor		-		232		23.27		Rated Altitude (M)		1000			
Breakdown		-		302		-		Coating		7024 - Graphite Grey			
Pull Up		-		212		-		Start Capacitor (µF / V / Qty)		250uF/165V			
125% of FL		1729		-		4.22		Run Capacitor (µF / V / Qty)		50uF/250V			
75% of FL		1762		-		2.88		Centrifugal Switch Type		--			
50% of FL		1775		-		2.33		Mechanical Data					
No Load		--		-		1.81							
Hazardous Location		--		Bearing DE Side		6204							
				Bearing NDE Side		6204							
				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 CONNECTIONS U3 U1 L1 Z2 Z1 L2 U2 U4 L2 U3 U1 L1 Z2 Z1 L2 U2 U4 L2 CW CCW U3 U1 L1 Z2 Z1 L2 U2 U4 L2 CW CCW													

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



Model Number	BL1-AL-TF-80B3-4-B-C-.75-115 230-60
MFG PN	TL801-4
List Price	--
Base Frame	BL1-80B3-AL-TF

FRAME:	HP:	RPM:	PHASE:	VOLT:	ENCL:	FREQ:	FLA:	LRA:
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MODEL: TL80
REV.DISC:

SCALE: 1:1.5
VERSION:

DATE:
REVISED:

UNITS:
BY:

WWW.TECHTOP.COM

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