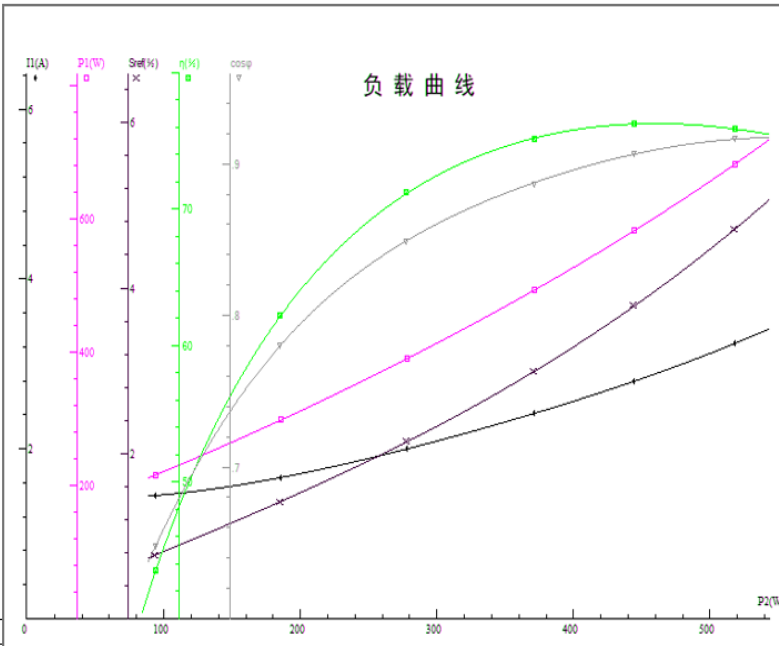
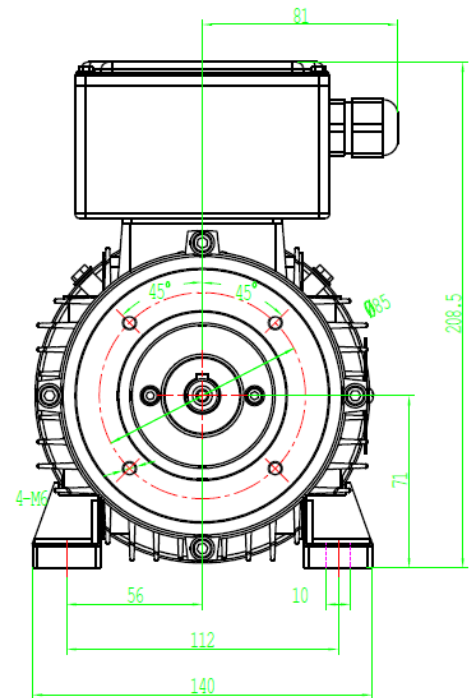
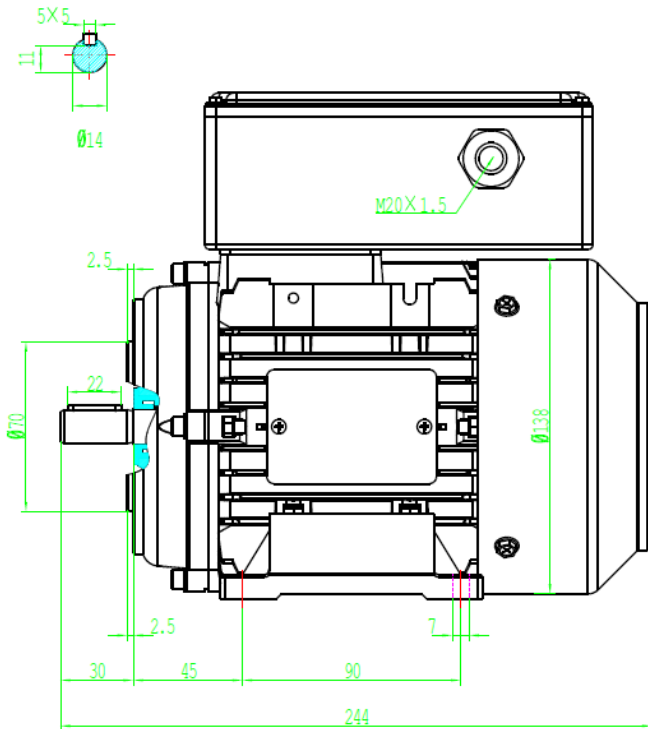




TECHTOP electric motors				Model Number		BL1-AL-TF-71B34-4-B-C-.5-115 230-60									
				MFG PN		TL712-4									
				List Price		--									
All data shown at HIGH voltage setting						Format		STD 1 Phase							
Electrical Data				General Data											
Rated Motor Output Power		0.5 HP		Frame Size		71									
Rated Motor Speed		1740 r/min		Enclosure		TEFC									
Rated Motor Voltage (1 Phase)		115 230-60 Volts - HZ		Approximate Weight		19.14									
Rated Motor Current		4.96/2.48 Amps		NEMA Design		--									
Service Factor		1.25		IP Rating		55									
KVA Code		H		Insulation Class		F									
Nominal Efficiency		72 %		Tropicalization		YES									
Nominal Power Factor		0.9 cosθ		Duty		CONT									
Full Load Torque Ft-Lb		2.02 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		-		292		15.69		Rated Altitude (M)		1000					
Breakdown		-		456		-		Coating		7024 - Graphite Grey					
Pull Up		-		213		-		Start Capacitor (µF / V / Qty)		--					
125% of FL		1728		-		2.89		Run Capacitor (µF / V / Qty)		--					
75% of FL		1762		-		1.99		Centrifugal Switch Type		--					
50% of FL		1775		-		1.66		Mechanical Data							
No Load		--		-		1.34									
Hazardous Location		--				Bearing DE Side								6202	
						Bearing NDE Side								6202	
						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 CW Low Voltage U3 U1 L1 Z2 Z1 L2 U2 U4 L2 CCW U3 U1 L1 Z2 Z1 L2 U2 U4 L2 CW High Voltage U3 U1 L1 Z2 Z1 L2 U2 U4 L2 CCW															
Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540															



NingDe Top Motor Co., LTD.

宁德特波电机有限公司

TL71B34

设计	标准化	图号:	
审核	批准	阶段标记	比例
工艺	日期	2023.01.12	1:1.5