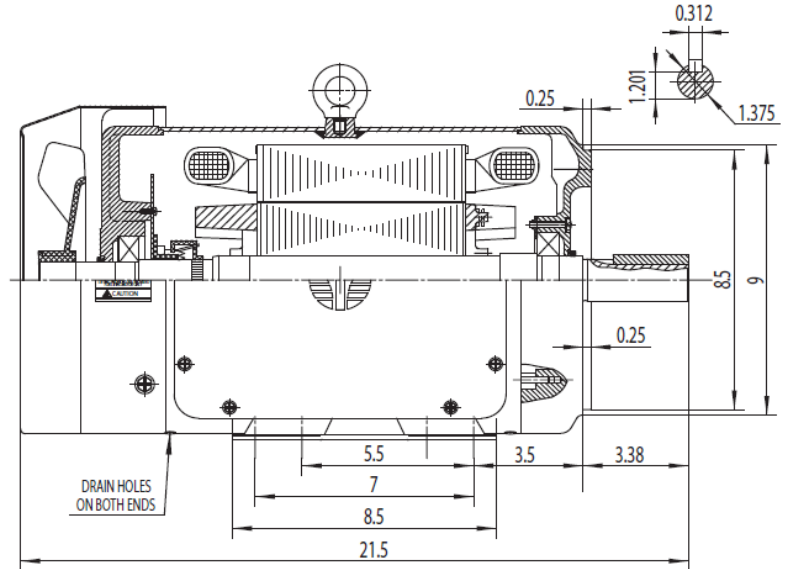
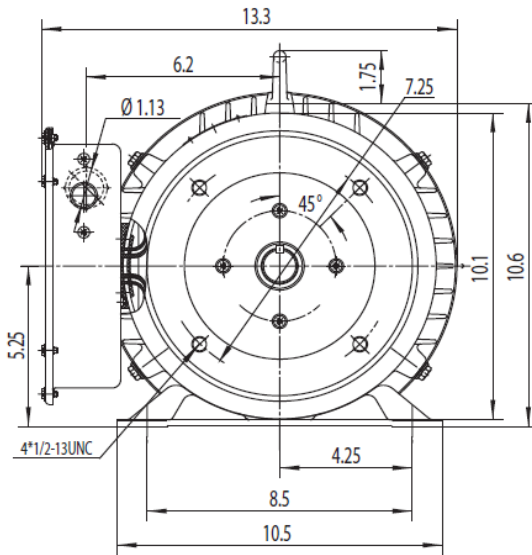




TECHTOP electric motors				Model Number		RD1-RS-TF-215TC-4-B-B-10-208-230-60									
				MFG PN		SLF215T10Z4L									
				List Price		--									
All data shown at HIGH voltage setting						Format		STD 1 Phase							
Electrical Data				General Data											
Rated Motor Output Power		10 HP		Frame Size		215									
Rated Motor Speed		1740 r/min		Enclosure		TEFC									
Rated Motor Voltage (1 Phase)		208-230-60 Volts - HZ		Approximate Weight		225.9									
Rated Motor Current		41.8 Amps		NEMA Design		L									
Service Factor		1.15		IP Rating		55									
KVA Code		H		Insulation Class		F									
Nominal Efficiency		83 %		Tropicalization		YES									
Nominal Power Factor		0.94 cosθ		Duty		Cont.									
Full Load Torque Ft-Lb		40.87 Ft-Lb		Cable Entry		1.25									
Temp Rise @ Full Load °C		94.3		Feet Removable		YES									
Efficiency Level		IE3 - NEMA Premium		Double Drilled		NO									
Load Data		RPM		Trq %FL		Current Amps		Rated Ambient (°C)		40					
Locked Rotor		-		240		284.9		Rated Altitude (M)		1000					
Breakdown		-		393		-		Coating		7024 - Graphite Grey					
Pull Up		-		201		-		Start Capacitor (µF / V / Qty)		500 uF / 350 V					
125% of FL		1736		-		52.47		Run Capacitor (µF / V / Qty)		50uF / 450 V					
75% of FL		1766		-		31.12		Centrifugal Switch Type		--					
50% of FL		1778		-		22.33		Mechanical Data							
No Load		--		-		8.83									
Hazardous Location		--		Bearing DE Side		6208 2RZ									
				Bearing NDE Side		6206 2RZ									
				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 P2(KW)							
File Numbers		323353		224693		096A									
Wiring Diagram		RD1-182-215-Frame-wiringDiagram													
182/4T T1 T8 T5 T4 P1 L1 L2 P2 T8 T5 T4 P1 L1 L2															

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



NEMA TEFC 215TC

Drawing Number: RD1-RS-TF-215TC

Dimensions: Inches

Mounting: Rigid/C-Flange

Casing Material: Rolled Steel

Issued Date: 6/22/15

TEFC - Red Line NEMA High Torque Farm Duty Series