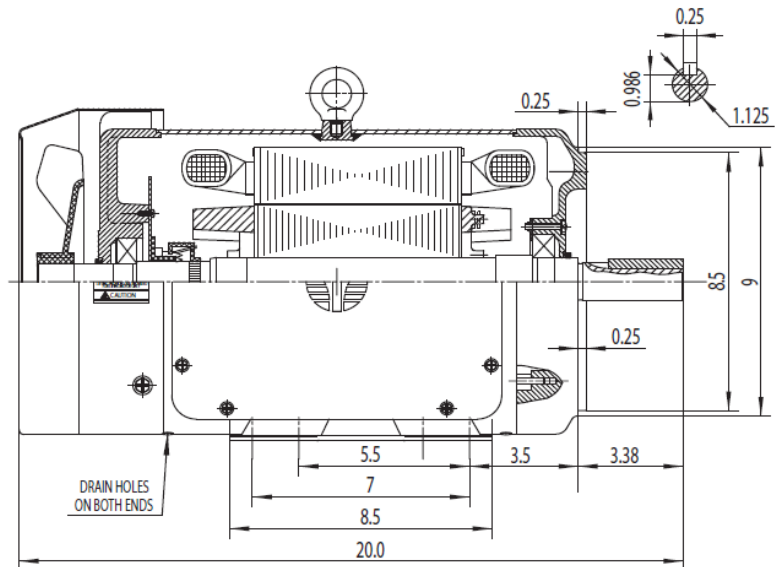
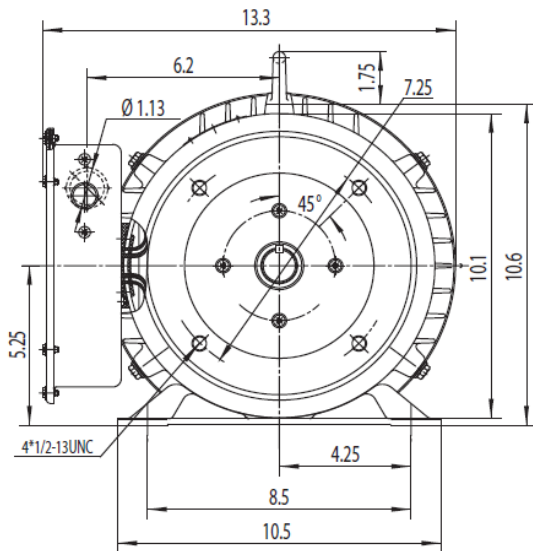


				Model Number		RD1-RS-TF-213TCZ-4-B-B-7.5-230-60	
				MFG PN		SLF213TZ7.5Z4L	
				List Price		--	
All data shown at HIGH voltage setting						Format	STD 1 Phase
Electrical Data				General Data			
Rated Motor Output Power		7.5 HP		Frame Size		213	
Rated Motor Speed		1740 r/min		Enclosure		TEFC	
Rated Motor Voltage (1 Phase)		230-60 Volts - HZ		Approximate Weight		--	
Rated Motor Current		31 Amps		NEMA Design		L	
Service Factor		1.15		IP Rating		55	
KVA Code		H		Insulation Class		F	
Nominal Efficiency		94 %		Tropicalization		YES	
Nominal Power Factor		0.94 cosθ		Duty		Cont.	
Full Load Torque Ft-Lb		29.85 Ft-Lb		Cable Entry		1.25	
Temp Rise @ Full Load °C		79		Feet Removable		YES	
Efficiency Level		IE3 - NEMA Premium		Double Drilled		NO	
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)		40	
Locked Rotor	-	238	221.1	Rated Altitude (M)		1000	
Breakdown	-	429	-	Coating		7024 - Graphite Grey	
Pull Up	-	220	-	Start Capacitor (µF / V / Qty)		--	
125% of FL	1745	-	39.1	Run Capacitor (µF / V / Qty)		--	
75% of FL	1771	-	23.55	Centrifugal Switch Type		--	
50% of FL	1781	-	17.18	Mechanical Data			
No Load	--	-	7.44	Bearing DE Side		6208 2RZ	
Hazardous Location	CLII/II Div2 Grp C,D/F,G			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				
File Numbers	323353	224693	096A				
Wiring Diagram	RD1-182-215-Frame-wiringDiagram						
182/4T T1 T8 T5 T4 P1 L1 213/5T P2 T8 T5 T4 P1 L1							
Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540							



NEMA TEFC 213TCZ

Drawing Number:	RD1-RS-TF-213TCZ	Issued Date:	6/22/15
Dimensions:	Inches	TEFC - Red Line NEMA High Torque Farm Duty Series	
Mounting:	Rigid/C-Flange		
Casing Material:	Rolled Steel		