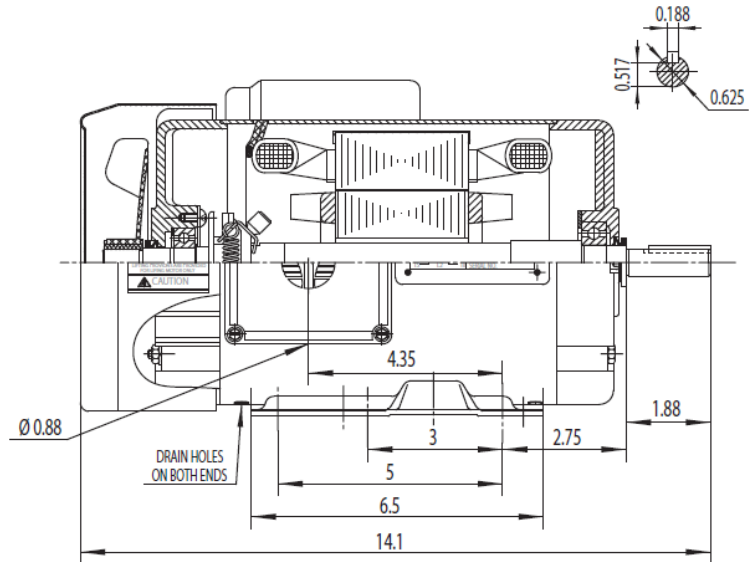
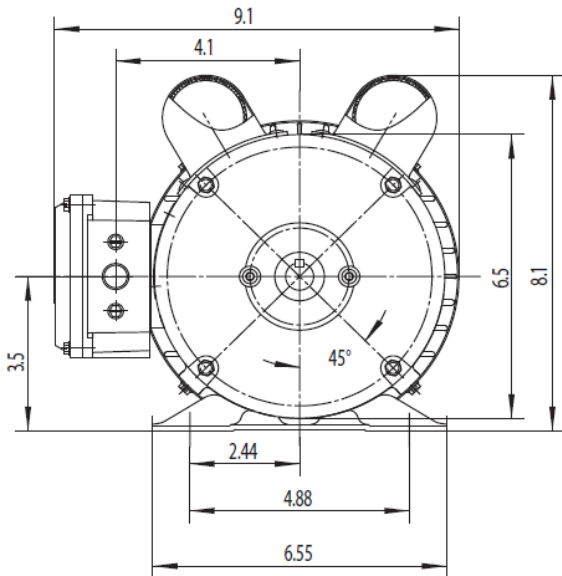




TECHTOP electric motors				Model Number		RD1-RS-TF-56H-4-B-C-1.5-115 230-60					
				MFG PN		SLF56H1.5Z4L					
				List Price		--					
All data shown at HIGH voltage setting						Format		STD 1 Phase			
Electrical Data				General Data							
Rated Motor Output Power		1.5 HP		Frame Size		56					
Rated Motor Speed		1740 r/min		Enclosure		TEFC					
Rated Motor Voltage (1 Phase)		115 230-60 Volts - HZ		Approximate Weight		47.5					
Rated Motor Current		13.3/6.65 Amps		NEMA Design		L					
Service Factor		1.15		IP Rating		55					
KVA Code		H		Insulation Class		F					
Nominal Efficiency		92 %		Tropicalization		YES					
Nominal Power Factor		0.92 cosθ		Duty		Cont.					
Full Load Torque Ft-Lb		-- Ft-Lb		Cable Entry		1.25					
Temp Rise @ Full Load °C		80.33		Feet Removable		YES					
Efficiency Level		IE3 - NEMA Premium		Double Drilled		NO					
Load Data		RPM		Trq %FL		Current Amps		Rated Ambient (°C)		40	
Locked Rotor		-		268		--		Rated Altitude (M)		1000	
Breakdown		-		332		-		Coating		7024 - Graphite Grey	
Pull Up		-		249		-		Start Capacitor (µF / V / Qty)		--	
125% of FL		--		-		--		Run Capacitor (µF / V / Qty)		--	
75% of FL		--		-		--		Centrifugal Switch Type		--	
50% of FL		--		-		--		Mechanical Data			
No Load		--		-		--					
Hazardous Location		CLI/II Div2 Grp C,D/F,G				Bearing DE Side					
						Bearing NDE Side		6203 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			
File Numbers		323353		224693		096A					
Wiring Diagram		RD1-56-145-Frame-wiringDiagram									
T2 T5 T3 P1 T4 T8 P2 L1 L2 Low Voltage T2 T5 T3 P1 T4 T8 P2 L1 L2 High Voltage											

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



NEMA TEFC 56H

Drawing Number:	RD1-RS-TF-56H	Issued Date:	6/22/15
Dimensions:	Inches	TEFC - Red Line NEMA High Torque Farm Duty Series	
Mounting:	Rigid		
Casing Material:	Rolled Steel		