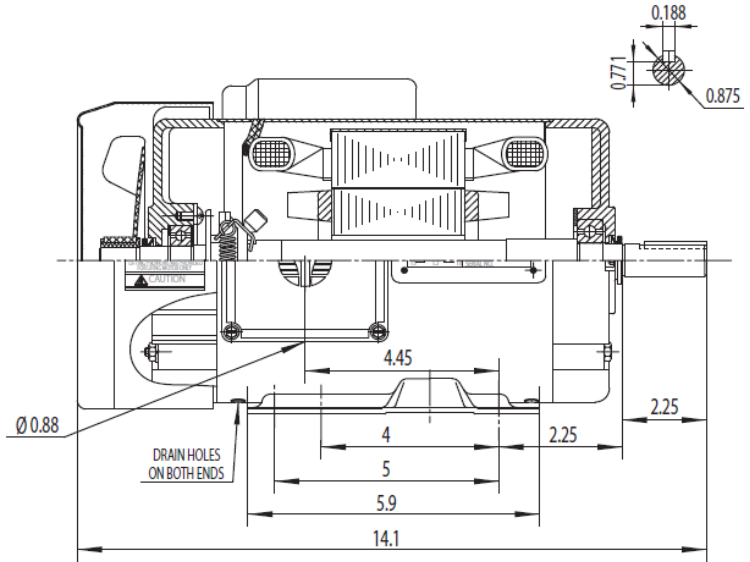
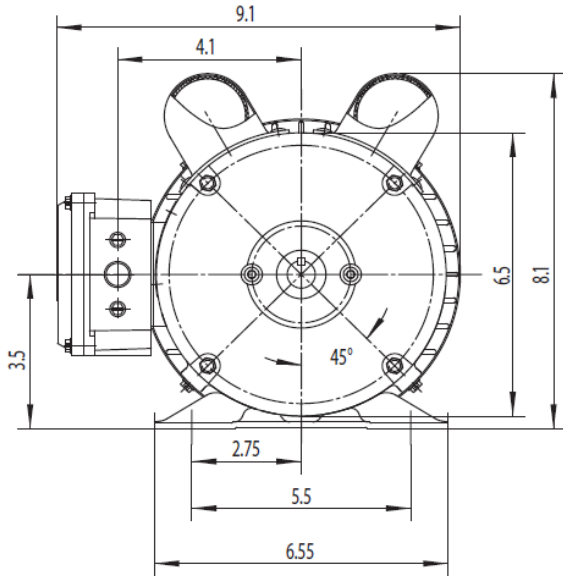




TECHTOP electric motors				Model Number		RD1-RS-TF-145T-4-B-C-1.5-115 230-60	
				MFG PN		SLF145T1.5Z4L	
				List Price		--	
All data shown at HIGH voltage setting						Format	STD 1 Phase
Electrical Data				General Data			
Rated Motor Output Power		1.5 HP		Frame Size		145	
Rated Motor Speed		1740 r/min		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		6.01 Ft-Lb		Cable Entry		1.25	
Temp Rise @ Full Load °C		57.1		Feet Removable		YES	
Efficiency Level		IE3 - NEMA Premium		Double Drilled		NO	
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)		40	
Locked Rotor	-	235	43	Rated Altitude (M)		1000	
Breakdown	-	288	-	Coating		7024 - Graphite Grey	
Pull Up	-	195	-	Start Capacitor (µF / V / Qty)		--	
125% of FL	1729	-	7.8	Run Capacitor (µF / V / Qty)		--	
75% of FL	1762	-	5	Centrifugal Switch Type		--	
50% of FL	1775	-	3.87	Mechanical Data			
No Load	--	-	2.45	Bearing DE Side		6205 2RZ	
Hazardous Location	CLII/III Div2 Grp C,D/F,G			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 L1 L2 P2 Low Voltage T2 T5 T3 P1 T4 T8 L1 L2 P2 High Voltage							

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



Numan Amad (NumanA@techttopind.com) is signed in



NEMA TEFC 145T

Drawing Number:	RD1-RS-TF-140T
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Dimensions:	Inches
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Mounting:	Rigid
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Casing Material:	Rolled Steel
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Issued Date:	6/22/15
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TEFC - Red Line NEMA High Torque Farm Duty Series
