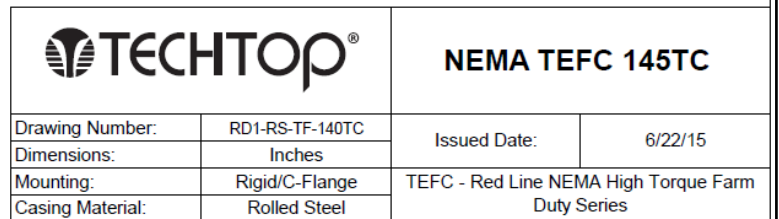
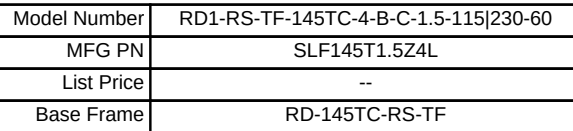




TECHTOP electric motors				Model Number		RD1-RS-TF-145TC-4-B-C-1.5-115 230-60			
				MFG PN		SLF145T1.5Z4L			
				List Price		--			
All data shown at HIGH voltage setting						Format		STD 1 Phase	
Electrical Data				General Data					
Rated Motor Output Power		1.5 HP		Frame Size		145			
Rated Motor Speed		1740 r/min		Enclosure		TEFC			
Rated Motor Voltage (1 Phase)		115 230-60 Volts - HZ		Approximate Weight		48.6			
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	CLI/II 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 P2 L1 L2 Low Voltage T2 T5 T3 P1 T4 T8 P2 L1 L2 High Voltage									
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