



TECHTOP electric motors				Model Number		RD1-RS-TF-56C-4-B-C-.5-RND-115 230-60	
				MFG PN		SLF561/2Z4L	
				List Price		--	
All data shown at HIGH voltage setting						Format	STD 1 Phase
Electrical Data				General Data			
Rated Motor Output Power		0.5 HP		Frame Size		56	
Rated Motor Speed		1725 r/min		Enclosure		TEFC	
Rated Motor Voltage (1 Phase)		115 230-60 Volts - HZ		Approximate Weight		35.86	
Rated Motor Current		5.2/2.6 Amps		NEMA Design		L	
Service Factor		1.15		IP Rating		55	
KVA Code		K		Insulation Class		F	
Nominal Efficiency		90 %		Tropicalization		YES	
Nominal Power Factor		0.9 cosθ		Duty		Cont.	
Full Load Torque Ft-Lb		2.02 Ft-Lb		Cable Entry		1.25	
Temp Rise @ Full Load °C		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	-	271	18.47	Rated Altitude (M)		1000	
Breakdown	-	340	-	Coating		7024 - Graphite Grey	
Pull Up	-	247	-	Start Capacitor (µF / V / Qty)		--	
125% of FL	1733	-	3	Run Capacitor (µF / V / Qty)		--	
75% of FL	1762	-	2.1	Centrifugal Switch Type		--	
50% of FL	1775	-	1.72	Mechanical Data			
No Load	--	-	1.35				
Hazardous Location	CLII/II Div2 Grp C,D/F,G			Bearing DE Side		6203 2RZ	
				Bearing NDE Side		6202 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							

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