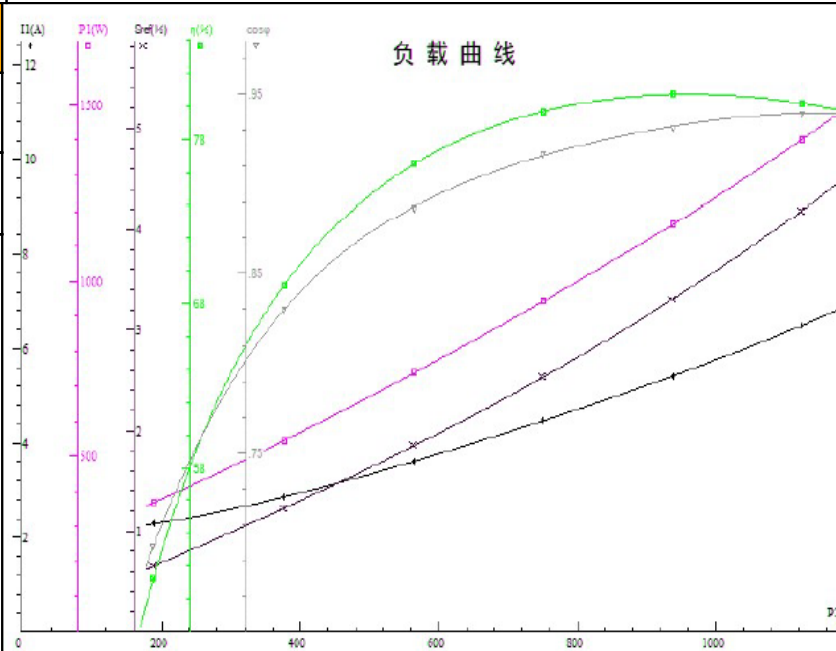
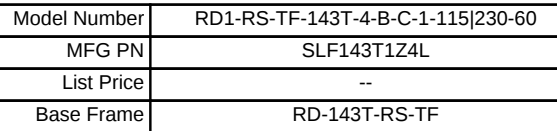




TECHTOP electric motors				Model Number		RD1-RS-TF-143T-4-B-C-1-115 230-60					
				MFG PN		SLF143T1Z4L					
				List Price		--					
All data shown at HIGH voltage setting						Format		STD 1 Phase			
Electrical Data				General Data							
Rated Motor Output Power		1 HP		Frame Size		143					
Rated Motor Speed		1750 r/min		Enclosure		TEFC					
Rated Motor Voltage (1 Phase)		115 230-60 Volts - HZ		Approximate Weight		42					
Rated Motor Current		9.30/4.65 Amps		NEMA Design		L					
Service Factor		1.15		IP Rating		55					
KVA Code		J		Insulation Class		F					
Nominal Efficiency		90 %		Tropicalization		YES					
Nominal Power Factor		0.9 cosθ		Duty		Cont.					
Full Load Torque Ft-Lb		4.08 Ft-Lb		Cable Entry		1.25					
Temp Rise @ Full Load °C		43.3		Feet Removable		YES					
Efficiency Level		IE3 - NEMA Premium		Double Drilled		NO					
Load Data		RPM		Trq %FL		Current Amps		Rated Ambient (°C)		40	
Locked Rotor		-		272		32.59		Rated Altitude (M)		1000	
Breakdown		-		282		-		Coating		7024 - Graphite Grey	
Pull Up		-		185		-		Start Capacitor (µF / V / Qty)		--	
125% of FL		1740		-		5.4		Run Capacitor (µF / V / Qty)		--	
75% of FL		1767		-		3.6		Centrifugal Switch Type		--	
50% of FL		1778		-		2.85		Mechanical Data			
No Load		--		-		2					
Hazardous Location		CLII/II Div2 Grp C,D/F,G				Bearing DE Side		6205 2RZ			
						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 T2 T5 T3 P1 T4 T8 L1 L2 P2 Low Voltage High Voltage									

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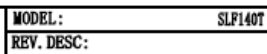


Model Number	RD1-RS-TF-143T-4-B-C-1-115 230-60
MFG PN	SLF143T1Z4L
List Price	--
Base Frame	RD-143T-RS-TF

FRAME:	HP:	RPM:	PHASE:	VOLT:	ENCL:	FREQ:	FLA:	LRA:
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SLF145T3Z4L	3	16.1
SLF145T2Z4L	2	14.9
SLF145T1.5Z4L	1.5	14.1
SLF143T1Z4L	1	13.3
SLF145T5Z2L	5	16.1
SLF145T3Z2L	3	14.9
SLF145T2Z2L	2	14.1
SLF143T1.5Z2L	1.5	14.1
SLF143T1Z2L	1	13.3
型号	功率 (HP)	C



SCALE: 1:2	DATE:	UNITS:
VERSION:	REVISED:	BY:
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