TECHTOP electric motors		**Model Number**	**RD1-RS-TF-56C-4-B-C-.75-115|230-60**
		MFG PN	**SLF563/4Z4L**
		List Price	**--**
All data shown at HIGH voltage setting		Format	STD 1 Phase

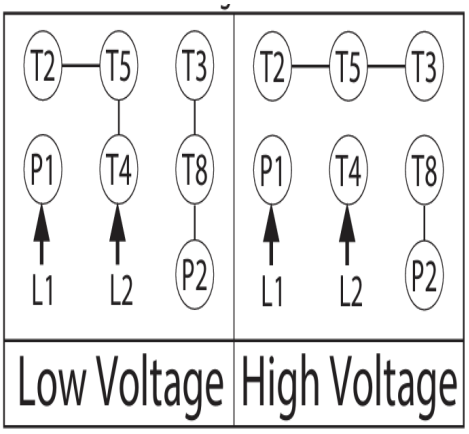
Electrical Data		**General Data**	
Rated Motor Output Power	0.75 HP	Frame Size	56
Rated Motor Speed	1725 r/min	Enclosure	TEFC
Rated Motor Voltage (1 Phase)	115|230-60 Volts - HZ	Approximate Weight	38
Rated Motor Current	3.0/1.5 Amps	NEMA Design	L
Service Factor	1.15	IP Rating	55
KVA Code	K	Insulation Class	F
Nominal Efficiency	84 %	Tropicalization	YES
Nominal Power Factor	0.84 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	3.01 Ft-Lb	Cable Entry	--
Temp Rise @ Full Load °C	58.4	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

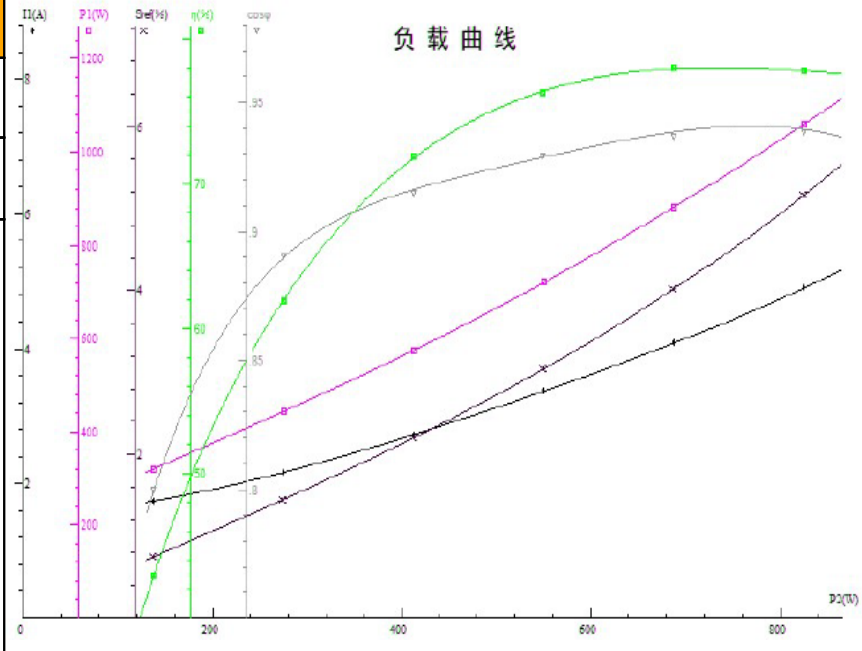
Load Data	**RPM**	**Trq %FL**	**Current Amps**
Locked Rotor	-	259	24.13
Breakdown	-	307	-
Pull Up	-	248	-
125% of FL	1728	-	4
75% of FL	1760	-	2.72
50% of FL	1774	-	2.16
No Load	--	-	1.48
Hazardous Location	**CLI/II Div2 Grp C,D/F,G**		

Rated Ambient (°C)	40		
Rated Altitude (M)	1000		
Coating	7024 - Graphite Grey		
Start Capacitor (µF / V / Qty)	--		
Run Capacitor (µF / V / Qty)	--		
Centrifugal Switch Type	--		
Mechanical Data			
Bearing DE Side	6203 2RZ		
Bearing NDE Side	6202 2RZ		
Moment of Inertia	-- kg.m2		
Noise Level	Per NEMA dB (A)		

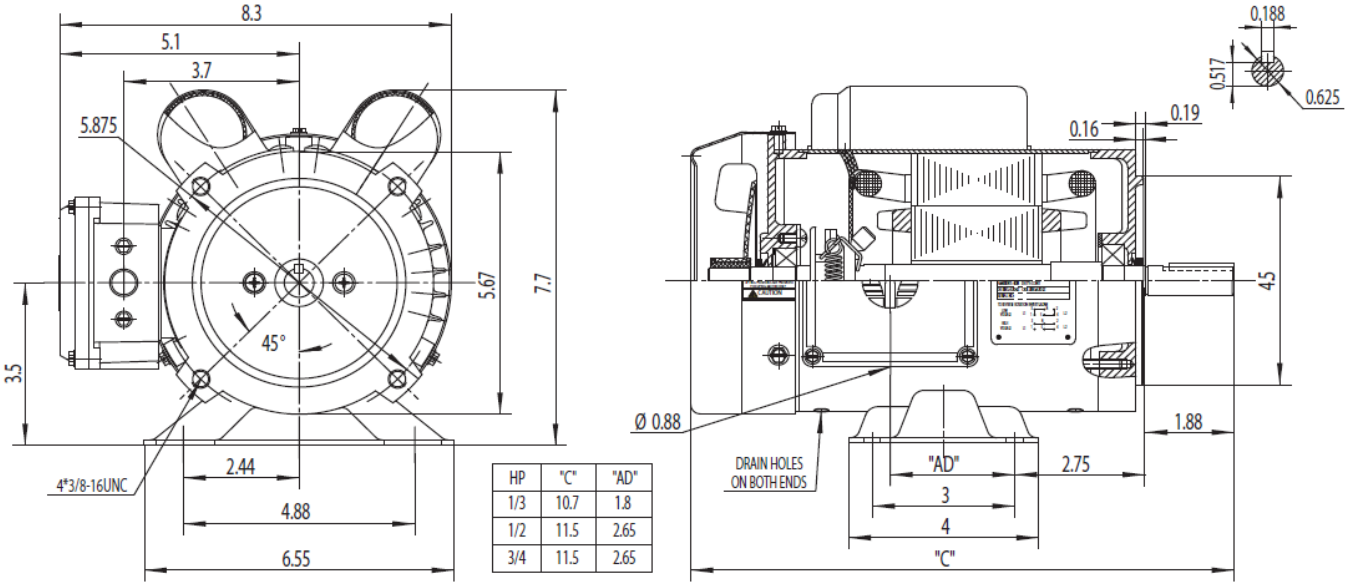
CT VFD Range	--	**Loaded Torque Curves**	**--**
		P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosϕ = Power Factor	

Certifications	UL	CSA	DOE
File Numbers	**323353**	**224693**	096A
Wiring Diagram	**RD1-56-145-Frame-wiringDiagram**		





Model Number	RD1-RS-TF-56C-4-B-C-.75-115|230-60
MFG PN	SLF563/4Z4L
List Price	--
Base Frame	RD-56C-RS-TF



HP	"C"	"AD"
1/3	10.7	1.8
1/2	11.5	2.65
3/4	11.5	2.65

TECHTOP®

NEMA TEFC 56C

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