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	
Rated Motor Output Power	0.5 HP
Rated Motor Speed	1725 r/min
Rated Motor Voltage (1 Phase)	115|230-60 Volts - HZ
Rated Motor Current	5.2/2.6 Amps
Service Factor	1.15
KVA Code	K
Nominal Efficiency	90 %
Nominal Power Factor	0.9 cosθ
Full Load Torque Ft-Lb	2.02 Ft-Lb
Temp Rise @ Full Load °C	33
Efficiency Level	IE3 - NEMA Premium

Load Data	RPM	Trq %FL	Current Amps
Locked Rotor	-	271	18.47
Breakdown	-	340	-
Pull Up	-	247	-
125% of FL	1733	-	3
75% of FL	1762	-	2.1
50% of FL	1775	-	1.72
No Load	--	-	1.35
Hazardous Location	**CLI/II Div2 Grp C,D/F,G**		

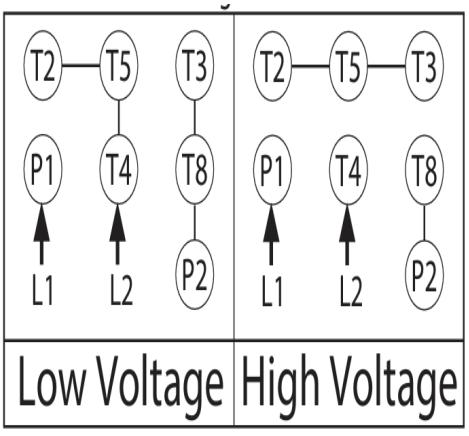
General Data	
Frame Size	56
Enclosure	TEFC
Approximate Weight	35.86
NEMA Design	L
IP Rating	55
Insulation Class	F
Tropicalization	YES
Duty	Cont.
Cable Entry	--
Feet Removable	YES
Double Drilled	NO
Rated Ambient (°C)	40
Rated Altitude (M)	1000
Coating	7024 - Graphite Grey
Start Capacitor (µF / V / Qty)	--
Run Capacitor (µF / V / Qty)	--
Centrifugal Switch Type	--

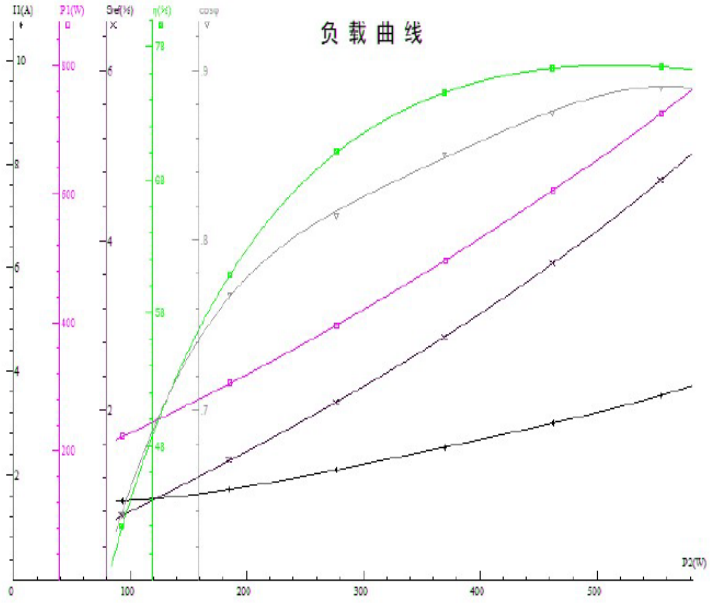
Mechanical Data	
Bearing DE Side	6203 2RZ
Bearing NDE Side	6202 2RZ
Moment of Inertia	-- kg.m2
Noise Level	Per NEMA dB (A)

CT VFD Range	--
Loaded Torque Curves	**--**

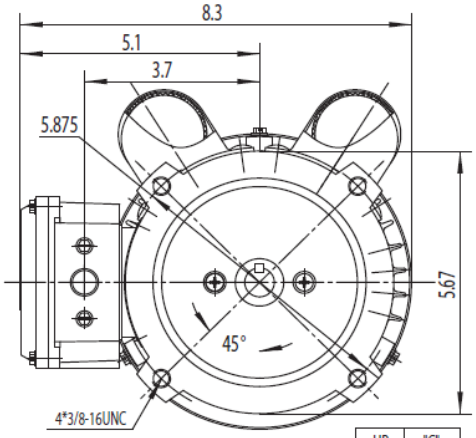
P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosϕ = Power Factor

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

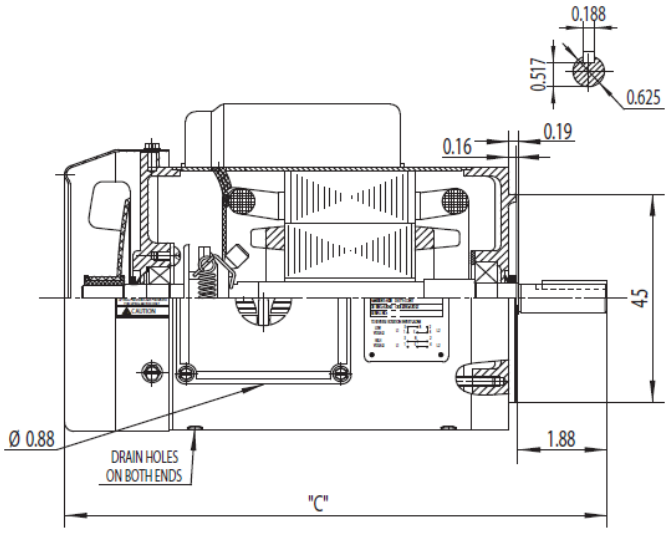




Model Number	RD1-RS-TF-56C-4-B-C-.5-RND-115|230-60
MFG PN	SLF561/2Z4L
List Price	--
Base Frame	RN-56C-RS-TF



HP	"C"
1/3	10.7
1/2	11.5
3/4	11.5



TECHTOP®

NEMA TEFC 56C

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