Model Number	**RD1-RS-TF-182TC-4-B-B-3-230-60**
MFG PN	**SLF182T3Z4L**
List Price	**--**

All data shown at HIGH voltage setting — Format: STD 1 Phase

Electrical Data	
Rated Motor Output Power	3 HP
Rated Motor Speed	1740 r/min
Rated Motor Voltage (1 Phase)	230-60 Volts - HZ
Rated Motor Current	12.9 Amps
Service Factor	1.15
KVA Code	H
Nominal Efficiency	93 %
Nominal Power Factor	0.93 cosθ
Full Load Torque Ft-Lb	12.02 Ft-Lb
Temp Rise @ Full Load °C	53.9
Efficiency Level	IE3 - NEMA Premium

Load Data	RPM	Trq %FL	Current Amps
Locked Rotor	-	200	84
Breakdown	-	437	-
Pull Up	-	174	-
125% of FL	1728	-	16
75% of FL	1764	-	9.57
50% of FL	1777	-	7
No Load	--	-	4.04
Hazardous Location	**CLI/II Div2 Grp C,D/F,G**		

General Data	
Frame Size	182
Enclosure	TEFC
Approximate Weight	99
NEMA Design	L
IP Rating	55
Insulation Class	F
Tropicalization	YES
Duty	Cont.
Cable Entry	1.25
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	--

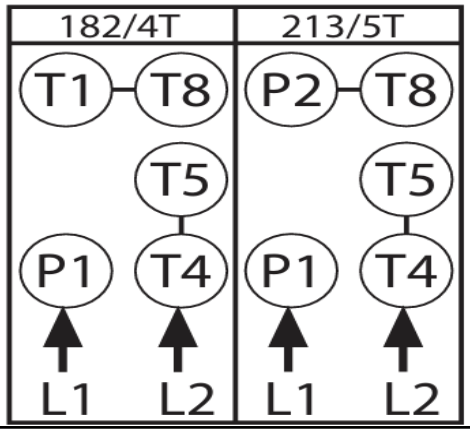
Mechanical Data	
Bearing DE Side	6306 2RZ
Bearing NDE Side	6206 2RZ
Moment of Inertia	-- kg.m2
Noise Level	Per NEMA dB (A)

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

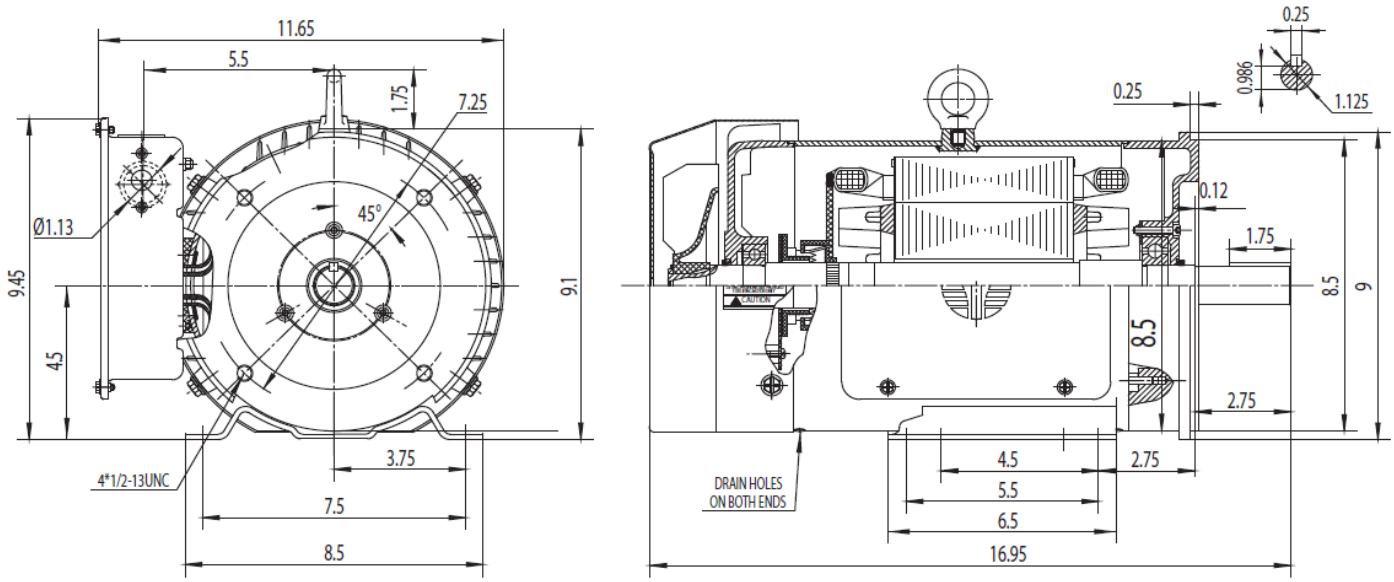
P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosϕ = Power Factor

Certifications	UL	CSA	DOE
File Numbers	**323353**	**224693**	096A

Wiring Diagram **RD1-182-215-Frame-wiringDiagram**



Model Number	RD1-RS-TF-182TC-4-B-B-3-230-60
MFG PN	SLF182T3Z4L
List Price	--
Base Frame	RD-182TC-RS-TF



TECHTOP®

NEMA TEFC 182TC

Drawing Number:	RD1-RS-TF-182TC	Issued Date:	6/22/15
Dimensions:	Inches		
Mounting:	Rigid/C-Flange	TEFC - Red Line NEMA High Torque Farm Duty Series	
Casing Material:	Rolled Steel		