TECHTOP electric motors	**Model Number**	**RD1-RS-TF-184TC-4-B-B-5-230-60**
	MFG PN	**SLF184T5Z4L**
	List Price	**--**

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

Electrical Data	
Rated Motor Output Power	5 HP
Rated Motor Speed	1740 r/min
Rated Motor Voltage (1 Phase)	230-60 Volts - HZ
Rated Motor Current	21 Amps
Service Factor	1.15
KVA Code	G
Nominal Efficiency	93 %
Nominal Power Factor	0.93 cosθ
Full Load Torque Ft-Lb	20.28 Ft-Lb
Temp Rise @ Full Load °C	74.5
Efficiency Level	IE3 - NEMA Premium

Load Data	**RPM**	**Trq %FL**	**Current Amps**
Locked Rotor	-	204	139
Breakdown	-	378	-
Pull Up	-	197	-
125% of FL	1718	-	26.15
75% of FL	1760	-	15.33
50% of FL	1774	-	11.11
No Load	--	-	5.26

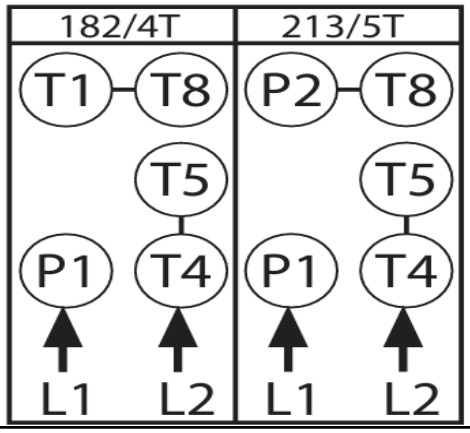
Hazardous Location	**CLI/II Div2 Grp C,D/F,G**
CT VFD Range	--

General Data	
Frame Size	184
Enclosure	TEFC
Approximate Weight	115.7
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)
Loaded Torque Curves	**--**

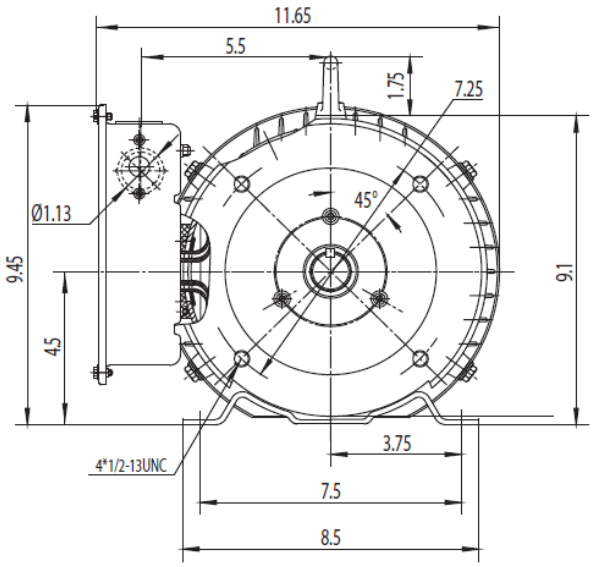
P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosϕ = Power Factor

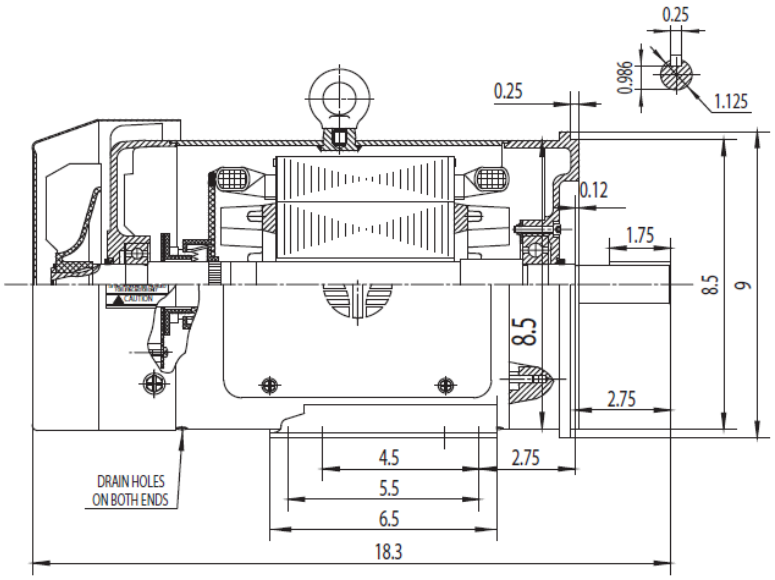
Certifications	UL	CSA	DOE
File Numbers	**323353**	**224693**	096A

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



Model Number	RD1-RS-TF-184TC-4-B-B-5-230-60
MFG PN	SLF184T5Z4L
List Price	--
Base Frame	RD-184TC-RS-TF





TECHTOP®		NEMA TEFC 184TC	
Drawing Number:	RD1-RS-TF-184TC	Issued Date:	6/22/15
Dimensions:	Inches		
Mounting:	Rigid/C-Flange	TEFC - Red Line NEMA High Torque Farm Duty Series	
Casing Material:	Rolled Steel		