



Farm Duty

**NEMA**

<b>MOTOR MODEL:</b>	RD1-RS-TF-184T-4-B-B-5
<b>FACTORY TYPE:</b>	SLF

**NEMA Rolled Steel, TEFC**

<b>ELECTRICAL DATA</b>		
	60 Hz	50 Hz
Horsepower	5.0	-
Speed, RPM	1740	-
Voltage	208-230	-
# Phase	1	
Full Load Amps	23.2-21.0	-
Power Factor	0.93	-
Nominal Efficiency	82.0	-
3/4 Load Efficiency	-	-
Service Factor	1.15	-
KVA Code	G	-
FL Amps. @ 208 V	23.2	-
LRC @ 60Hz HV	134.367	-
Start Capacitor	350	
Start Capacitor V	330	
Run Capacitor	30 x2	
Run Capacitor V	450	
Number of Leads	5	
Connection	-	
Coil Resistance	-	
Date Code	-	
<b>Load</b>	<b>Efficiency %</b>	<b>P.F.</b>
50%	-	-
75%	-	-
100%	-	-
<b>FULL LOAD TEMPERATURE RISE</b>		
FL Temp Rise °C	-	-
<b>3D Image Link</b>		
<a href="#">RD1-RS-TF-184T-4-B-B-5</a>		

<b>GENERAL DATA</b>		
Frame Size	184T	
Frame Enclosure	TEFC	
Mounting	Rigid	
Insulation Class	F	
Duty	Cont. / S1	
NEMA Design	L	
Frame Material	Rolled Steel	
Ingress Protection	54	
Tropicalization	-	
Cable Entry	1.1"	
Feet Removable	-	
Double Drilled	true	
Paint Color	Graphite Gray	
Paint RAL	7024	
Weight lb	110.0	
<b>MECHANICAL DATA</b>		
DE Bearing	6306-2RZ	
NDE Bearing	6206-2RZ	
dB No-Load	-	
Rotor Wk², Lb-Ft²	-	
Comp Ring (wavey washer)	NDE	
<b>TORQUE VALUES</b>		
	<b>Torque lb-ft</b>	<b>% FLT</b>
Locked Rotor Torque	50.4729	329.0
Pull-Up Torque	28.8416	188.0
Breakdown Torque	33.444	218.0
Full Load Torque	15.3413	100.0
<b>SITE CONDITIONS</b>		
Ambient Temp °C	40	
Altitude Above Sea Level m	1000	

\*This report valid for above Date Code and newer models, please contact Techtop for more info.

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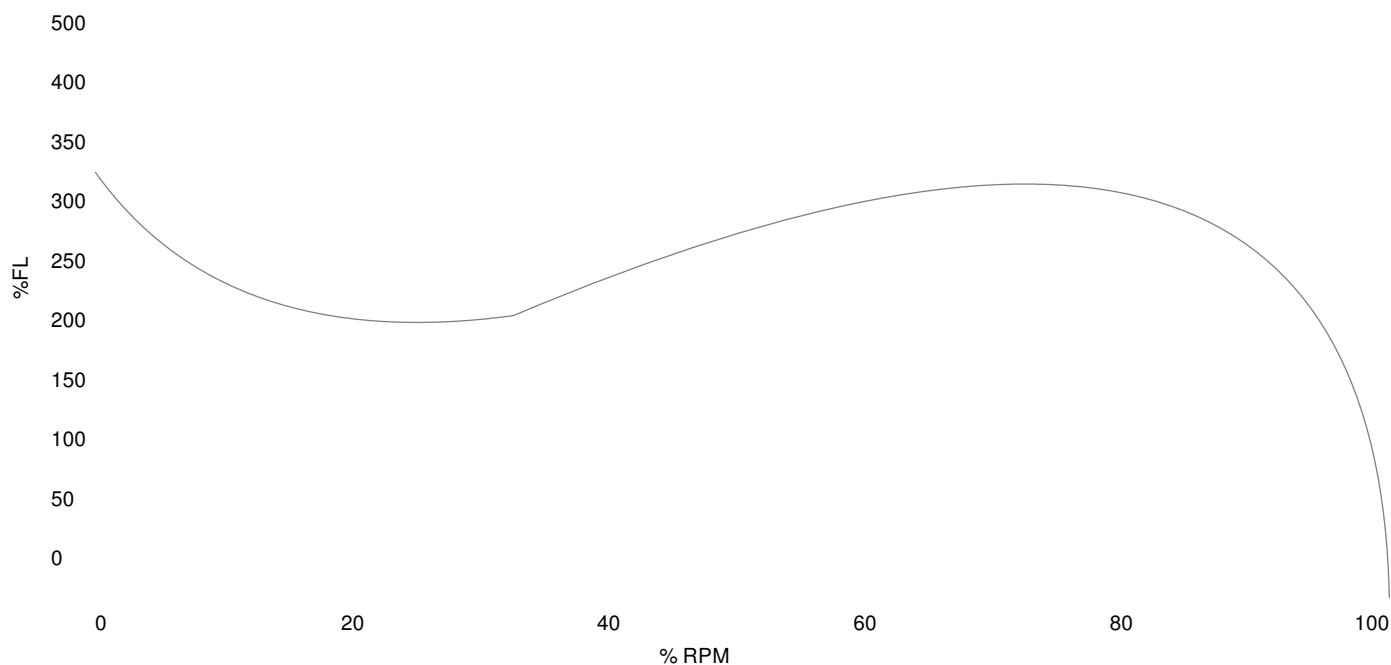
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Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values
Locked Rotor Torque	50.4729	329.0	Start Configuration
Pull-Up Torque	28.8416	188.0	Starting Current (A)
Breakdown Torque	33.444	218.0	No-Load Current (A)
Full Load	15.3413	100.0	No-Load Power Factor

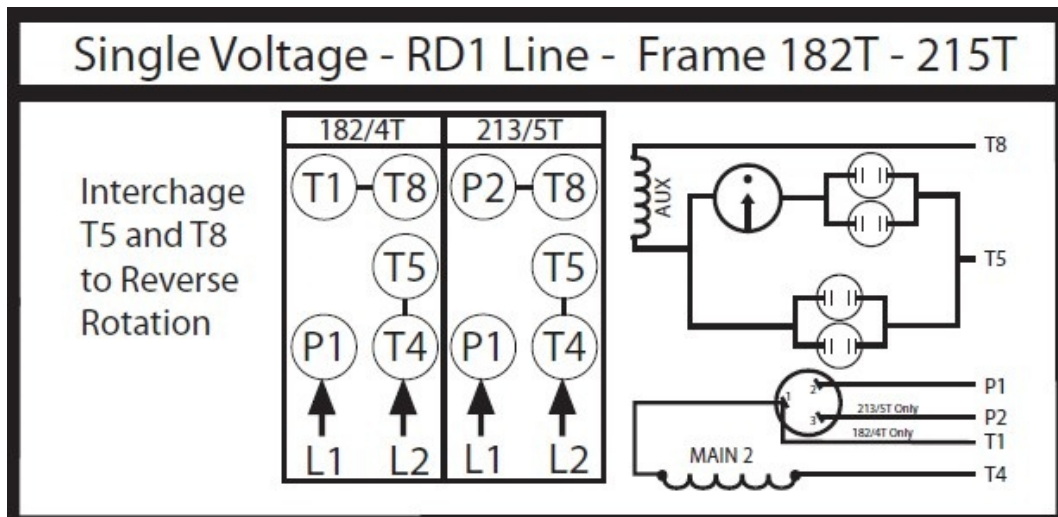
% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	4.5	-	-	-	-
25	-	-	-	-	-	-
50	-	-	-	-	-	-
75	-	-	-	-	-	-
100	-	-	-	-	-	-
125	-	-	-	-	-	-

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# NEMA

NEMA Rolled Steel, TEFC



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## NEMA Rolled Steel, TEFC

