



Single Phase

**NEMA**

<b>MOTOR MODEL:</b>	RD1-RS-TF-143TC-4-B-C-1
<b>FACTORY TYPE:</b>	SLF

NEMA Rolled Steel, TEFC

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	1.0	-
Speed, RPM	1750	-
Voltage	115/208-230	-
# Phase	1	-
Full Load Amps	9.3/4.95-4.65	-
Power Factor	0.9	-
Nominal Efficiency	77.5	-
3/4 Load Efficiency	-	-
Service Factor	1.15	-
KVA Code	J	-
FL Amps. @ 208 V	4.95	-
LRC @ 60Hz HV	32.5622	-
Start Capacitor	300	-
Start Capacitor V	165	-
Run Capacitor	60	-
Run Capacitor V	250	-
Number of Leads	7	-
Connection	-	-
Coil Resistance	-	-
Date Code	-	-
Load	Efficiency %	P.F.
50%	-	-
75%	-	-
100%	-	-
FULL LOAD TEMPERATURE RISE		
FL Temp Rise °C	-	-
3D Image Link		
<a href="#">RD1-RS-TF-143TC-4-B-C-1</a>		

GENERAL DATA		
Frame Size	143TC	
Frame Enclosure	TEFC	
Mounting	Rigid/C-Flange	
Insulation Class	F	
Duty	Cont. / S1	
NEMA Design	L	
Frame Material	Rolled Steel	
Ingress Protection	54	
Tropicalization	-	
Cable Entry	0.88"	
Feet Removable	-	
Double Drilled	true	
Paint Color	Graphite Gray	
Paint RAL	7024	
Weight lb	41.0	
MECHANICAL DATA		
DE Bearing	6205-2RZ	
NDE Bearing	6203-2RZ	
dB No-Load	-	
Rotor Wk <sup>2</sup> , Lb-Ft <sup>2</sup>	-	
Comp Ring (wavy washer)	NDE	
TORQUE VALUES		
	Torque lb-ft	% FLT
Locked Rotor Torque	10.4631	346.0
Pull-Up Torque	7.25761	240.0
Breakdown Torque	8.04385	266.0
Full Load Torque	3.024	100.0
SITE CONDITIONS		
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.



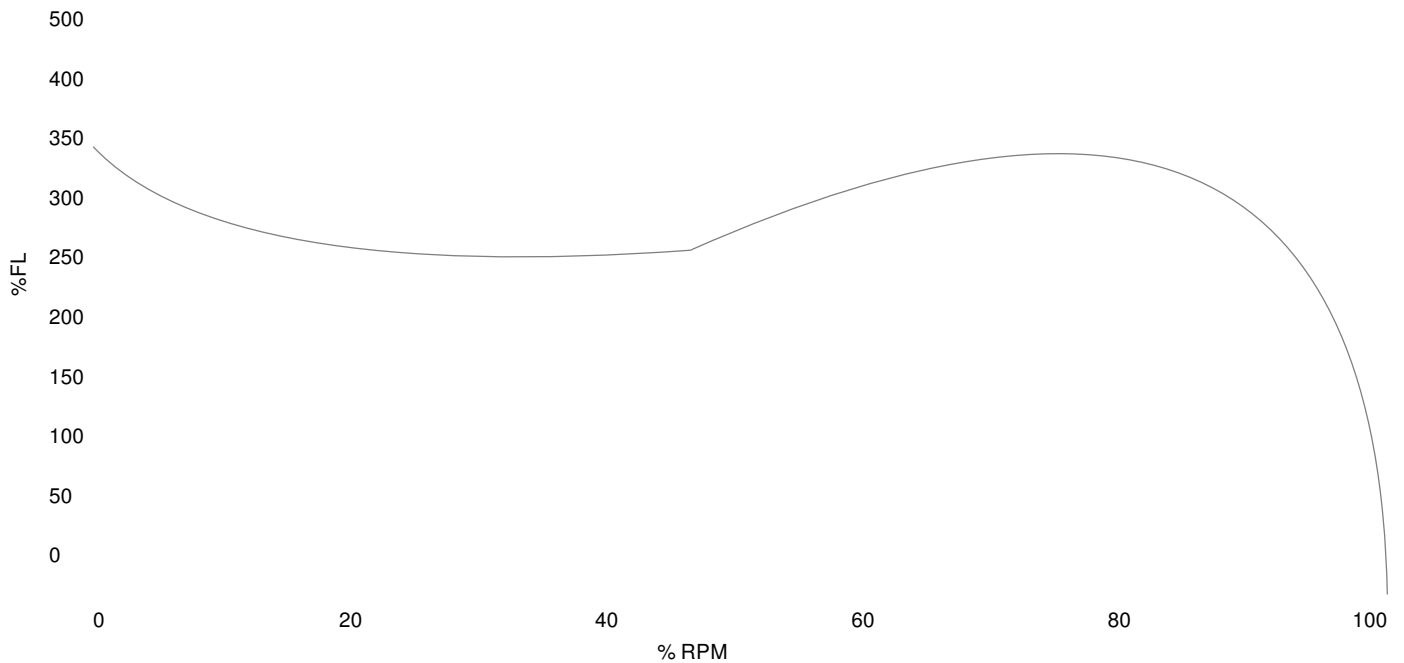
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Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values
Locked Rotor Torque	10.4631	346.0	Start Configuration
Pull-Up Torque	7.25761	240.0	Starting Current (A)
Breakdown Torque	8.04385	266.0	No-Load Current (A)
Full Load	3.024	100.0	No-Load Power Factor

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

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