



Single Phase

# NEMA

<b>MOTOR MODEL:</b>	RD1-RS-TF-56H-4-B-C-2
<b>FACTORY TYPE:</b>	SLF

## NEMA Rolled Steel, TEFC

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	2.0	-
Speed, RPM	1740	-
Voltage	115/208-230	-
# Phase	1	-
Full Load Amps	17.3/10.4-8.65	-
Power Factor	0.92	-
Nominal Efficiency	81.5	-
3/4 Load Efficiency	-	-
Service Factor	1.15	-
KVA Code	H	-
FL Amps. @ 208 V	10.4	-
LRC @ 60Hz HV	64.1204	-
Start Capacitor	500	-
Start Capacitor V	165	-
Run Capacitor	80	-
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	89.13	-
3D Image Link		
<a href="#">RD1-RS-TF-56H-4-B-C-2</a>		

GENERAL DATA				
Frame Size	56H			
Frame Enclosure	TEFC			
Mounting	Rigid			
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	53.0			
MECHANICAL DATA				
DE Bearing	6204-2RZ			
NDE Bearing	6203-2RZ			
dB No-Load	-			
Rotor Wk <sup>2</sup> , Lb-Ft <sup>2</sup>	-			
Comp Ring (wavey washer)	NDE			
TORQUE VALUES			Torque lb-ft	% FLT
Locked Rotor Torque	17.6355	290.0		
Pull-Up Torque	13.257	218.0		
Breakdown Torque	15.5071	255.0		
Full Load Torque	6.0812	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.



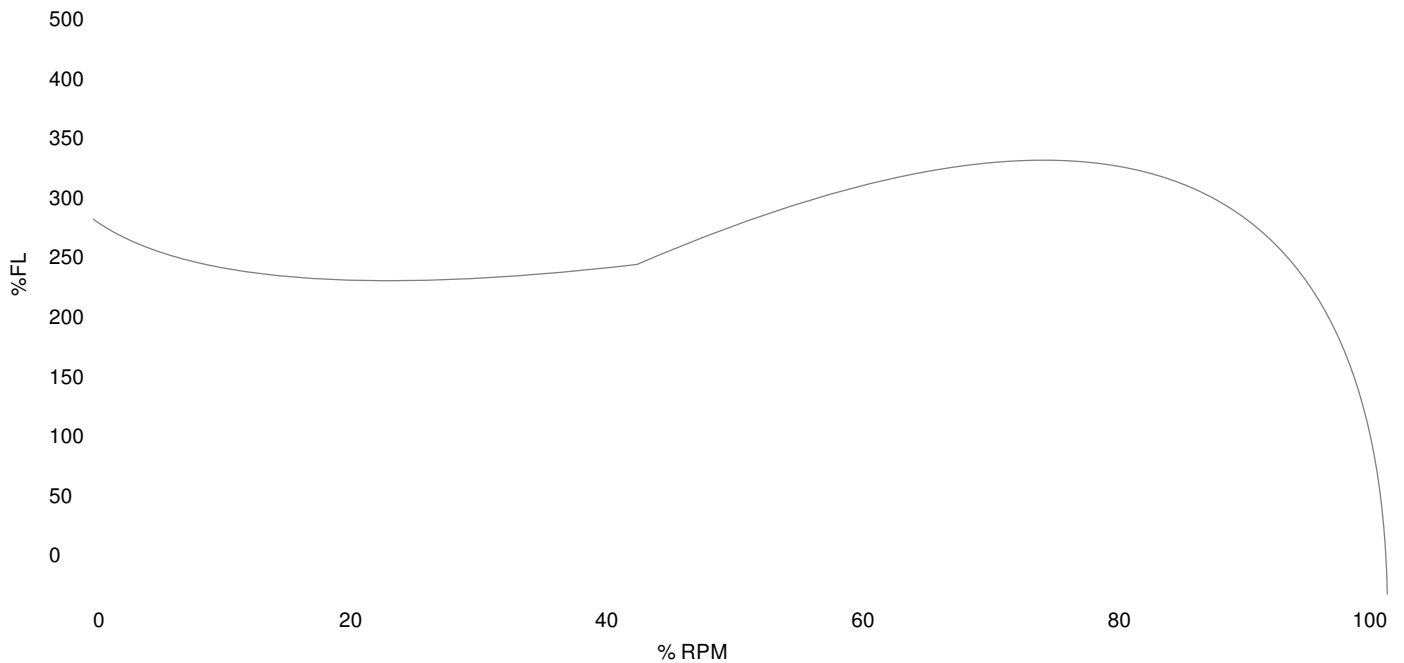
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Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values	
Locked Rotor Torque	17.6355	290.0	Start Configuration	-
Pull-Up Torque	13.257	218.0	Starting Current (A)	-
Breakdown Torque	15.5071	255.0	No-Load Current (A)	-
Full Load	6.0812	100.0	No-Load Power Factor	-

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	3.27	-	-	-	-
25	-	-	-	-	-	-
50	-	-	-	-	-	-
75	-	-	-	-	-	-
100	-	-	-	-	-	-
125	-	-	-	-	-	-

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