



Single Phase

# NEMA

<b>MOTOR MODEL:</b>	RD1-RS-TF-56HC-4-B-C-1.5
<b>FACTORY TYPE:</b>	SLF

## NEMA Rolled Steel, TEFC

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	1.5	-
Speed, RPM	1740	-
Voltage	115/208-230	-
# Phase	1	
Full Load Amps	13.3/7.2-6.65	-
Power Factor	0.92	-
Nominal Efficiency	79.5	-
3/4 Load Efficiency	-	-
Service Factor	1.15	-
KVA Code	H	-
FL Amps. @ 208 V	7.2	-
Locked Rotor Current	43.3566	-
Start Capacitor	400	
Start Capacitor V	165	
Run Capacitor	80	
Run Capacitor V	250	
Number of Leads	7	
Connection	-	
Coil Resistance	-	
Load	Efficiency %	P.F.
50%	-	-
75%	-	-
100%	-	-
FULL LOAD TEMPERATURE RISE		
FL Temp Rise °C	80.0	-
3D Image Link		
<a href="#">RD1-RS-TF-56HC-4-B-C-1.5</a>		

GENERAL DATA			
Frame Size	56HC		
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	48.0		
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 (wavy washer)	NDE		
TORQUE VALUES		Torque lb-ft	% FLT
Locked Rotor Torque	15.133	332.0	
Pull-Up Torque	11.3498	249.0	
Breakdown Torque	12.2158	268.0	
Full Load Torque	4.55813	100.0	
SITE CONDITIONS			
Ambient Temp °C	40		
Altitude Above Sea Level m	1000		



Single Phase

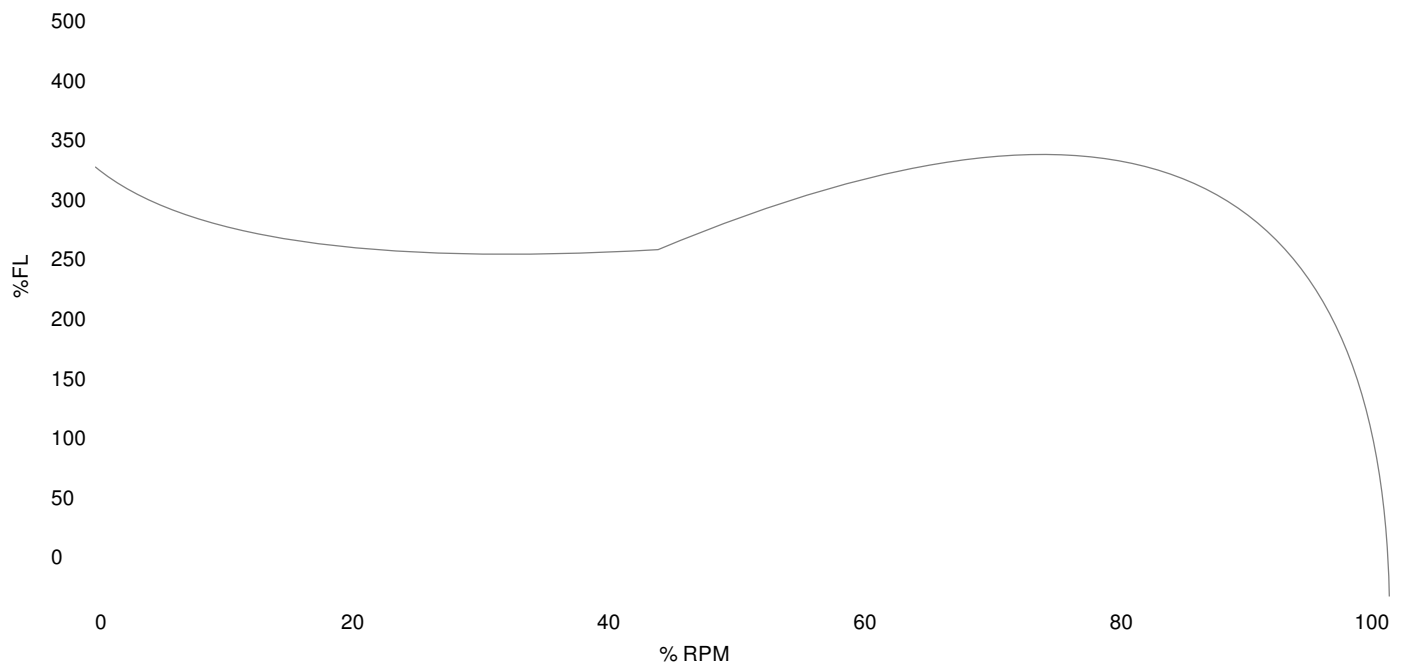
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<b>FACTORY TYPE:</b>	SLF

NEMA Rolled Steel, TEFC

Non Sinusoidal (VFD) Output 1.5HP, 1740 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values
Locked Rotor Torque	15.133	332.0	Start Configuration
Pull-Up Torque	11.3498	249.0	Starting Current (A)
Breakdown Torque	12.2158	268.0	No-Load Current (A)
Full Load	4.55813	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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