



Single Phase

NEMA

MOTOR MODEL:	RD1-RS-TF-56-4-B-C-.33
FACTORY TYPE:	SLF

NEMA Rolled Steel, TEFC

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	0.33	-
Speed, RPM	1725	-
Voltage	115/208-230	-
# Phase	1	
Full Load Amps	3.7/2.0-1.85	-
Power Factor	0.9	-
Nominal Efficiency	67.0	-
3/4 Load Efficiency	-	-
Service Factor	1.15	-
KVA Code	K	-
FL Amps. @ 208 V	2.0	-
Locked Rotor Current	12.087	-
Start Capacitor	200	
Start Capacitor V	125	
Run Capacitor	30	
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	39.0	-
3D Image Link		
RD1-RS-TF-56-4-B-C-.33		

GENERAL DATA				
Frame Size	56			
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	-			
Paint Color	Graphite Gray			
Paint RAL	7024			
Weight lb	23.0			
MECHANICAL DATA				
DE Bearing	6203-2RZ			
NDE Bearing	6202-2RZ			
dB No-Load	-			
Rotor Wk ² , Lb-Ft ²	-			
Comp Ring (wavey washer)	NDE			
TORQUE VALUES			Torque lb-ft	% FLT
Locked Rotor Torque	3.52651	349.0		
Pull-Up Torque	3.0819	305.0		
Breakdown Torque	3.31431	328.0		
Full Load Torque	1.01046	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.



Single Phase

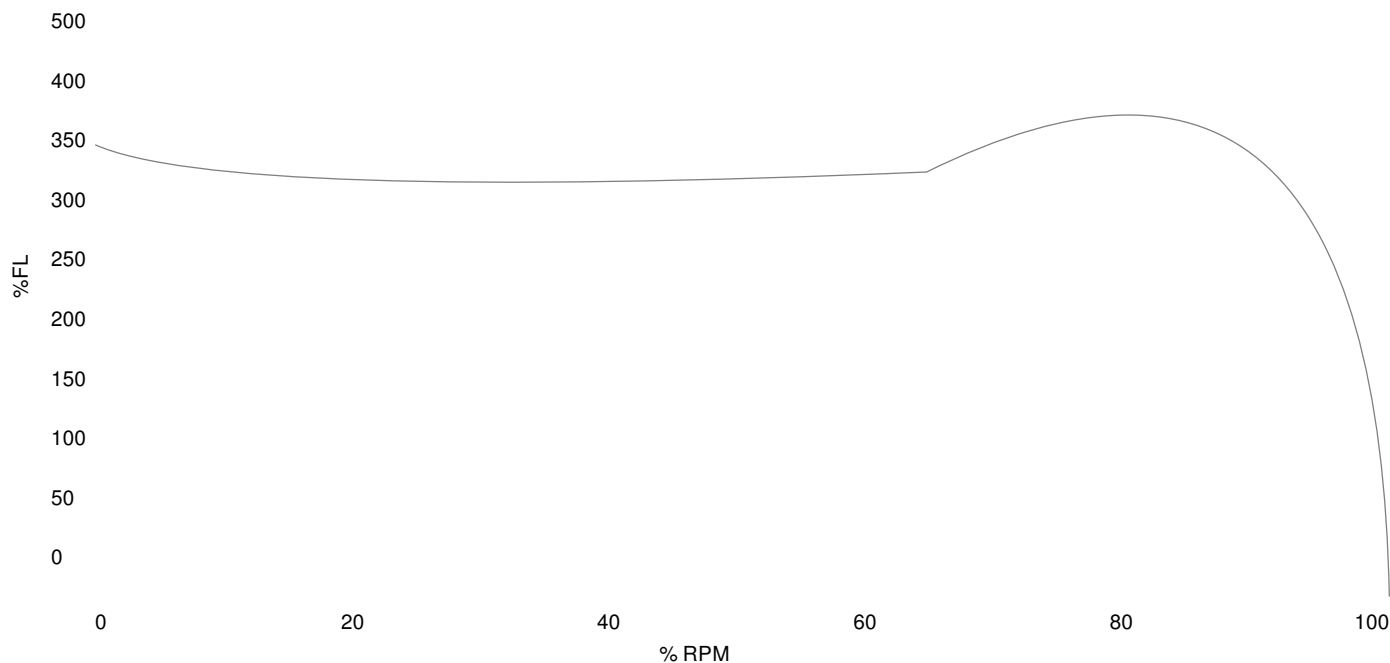
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Non Sinusoidal (VFD) Output 0.33HP, 1725 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values
Locked Rotor Torque	3.52651	349.0	Start Configuration
Pull-Up Torque	3.0819	305.0	Starting Current (A)
Breakdown Torque	3.31431	328.0	No-Load Current (A)
Full Load	1.01046	100.0	No-Load Power Factor

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	0.74	-	-	-	-
25	-	-	-	-	-	-
50	-	-	-	-	-	-
75	-	-	-	-	-	-
100	-	-	-	-	-	-
125	-	-	-	-	-	-

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