

Techtop Industries Nameplate and Performance Data

NAMEPLATE DATA		
	60 Hz	50 Hz
Horsepower	7.5	-
Frame Size	213TZ	
Speed, RPM	1740	-
Voltage	208-230	-
# Phase	1	
Full Load Amps	34.3-31.0	-
Power Factor	0.94	-
Nominal Efficiency	82.0	-
3/4 Load Efficiency	-	-
Service Factor	1.15	-
Duty	Cont. / S1	
FL Temp Rise °C	85.0	-
Enclosure	TEFC	
Ambient Temp °C	40	
KVA Code	H	-
FL Amps. @ 208 V	34.3	-
Insulation Class	F	
NEMA Design	L	
Weight	185.0	
DE Bearing	6208-2RZ	
NDE Bearing	6206-2RZ	
dB No-Load	-	
Rotor Wk ² , Lb-Ft ²	-	
Start Capacitor	400 x2	
Start Capacitor V	350	
Run Capacitor	40 x2	
Run Capacitor V	450	
Number of Leads	5	
Connection	-	
Coil Resistance	-	

Motor Model:	RD1-RS-TF-213TZ-4-B-B-7.5
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Performance Load Values:

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	-	-	-	-	-
25	-	-	-	-	-	-
50	-	-	-	-	-	-
75	-	-	-	-	-	-
100	-	-	-	-	-	-
125	-	-	-	-	-	-
150	-	-	-	-	-	-
SF	-	-	-	-	-	-

	Torque, Lb-Ft	% Full Load Torque	Speed, RPM	Current Amps.
Locked Rotor Torque	89.8351	400.0	-	218.397
Pull Up Torque	48.2864	215.0	-	-
Breakdown Torque	53.901	240.0	-	-
Full Load	22.4588	100.0	-	31.79

Speed Torque Curve

Please contact Techtop for image.

Dimensional Drawing

Please contact Techtop for image.

Dimensions are for reference only. Allowance should be made for minor deviations in non standard specified properties.

3D Image Link: Not available for this motor