

Techtop Industries Nameplate and Performance Data

NAMEPLATE DATA		
	60 Hz.	50 Hz.
Horsepower	250.0	250.0
Frame Size	449TSC	
Speed, RPM	3575	2965
Voltage	3 Phase US	380
# Phase	3	
Full Load Amps	271.4890755	330
Power Factor	0.91	-
Nominal Efficiency	95.8	94.3
3/4 Load Efficiency	-	-
Service Factor	1.15	1.0
Duty	Cont. / S1	
FL Temp Rise °C	107.0	-
Enclosure	TEFC	
Ambient Temp °C	40	
KVA Code	H	D
FL Amps. @ 208 V	-	-
Insulation Class	F	
NEMA Design	A	
Weight	2024.19	
DE Bearing	6316C3	
NDE Bearing	6316C3	
dB No-Load	-	
Rotor Wk ² , Lb-Ft ²	-	
Start Capacitor		
Start Capacitor V	-	
Run Capacitor		
Run Capacitor V	-	
Number of Leads	6	
Connection	?	
Coil Resistance	0.0445	

Motor Model:	GR3-CI-TF-449TSC-2-BR-E-250
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Performance Load Values:

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	125.0	71.28	-	-	-	-
25	125.0	104.41	58.29	3594.5	91.99	0.7
50	125.0	164.8	113.0	3589.1	94.91	0.86
75	187.5	232.66	168.43	3583.5	95.51	0.91
100	250.0	305.08	224.66	3577.6	95.48	0.92
125	125.0	349.51	258.79	3574.0	95.32	0.93
150	125.0	379.14	281.71	3571.6	95.18	0.93
SF	-	-	-	-	-	-

	Torque, Lb-Ft	% Full Load Torque	Speed, RPM	Current Amps.
Locked Rotor Torque	2011.6	480.0	-	1392.0
Pull Up Torque	-	-	-	-
Breakdown Torque	1973.88	471.0	-	-
Full Load	419.083	100.0	3582.3	305.1

Speed Torque Curve

Please contact Techtop for image.

Dimensional Drawing

DRAWING UNAVAILABLE CONTACT TECHTOP

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

Techtop Industries
2815 Colonnades Court
Peachtree Corners, GA 30071
Tel: 678-436-5540
E-Mail: info@techttopind.com