

## Techtop Industries Nameplate and Performance Data

NAMEPLATE DATA		
	60 Hz.	50 Hz.
Horsepower	250.0	250.0
Frame Size	449TS	
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 <sup>2</sup> , Lb-Ft <sup>2</sup>	-	
Start Capacitor		
Start Capacitor V	-	
Run Capacitor		
Run Capacitor V	-	
Number of Leads	6	
Connection	?	
Coil Resistance	0.0445	

<b>Motor Model:</b>	<b>GR3-CI-TF-449TS-2-BR-E-250</b>
---------------------	-----------------------------------

Performance Load Values:

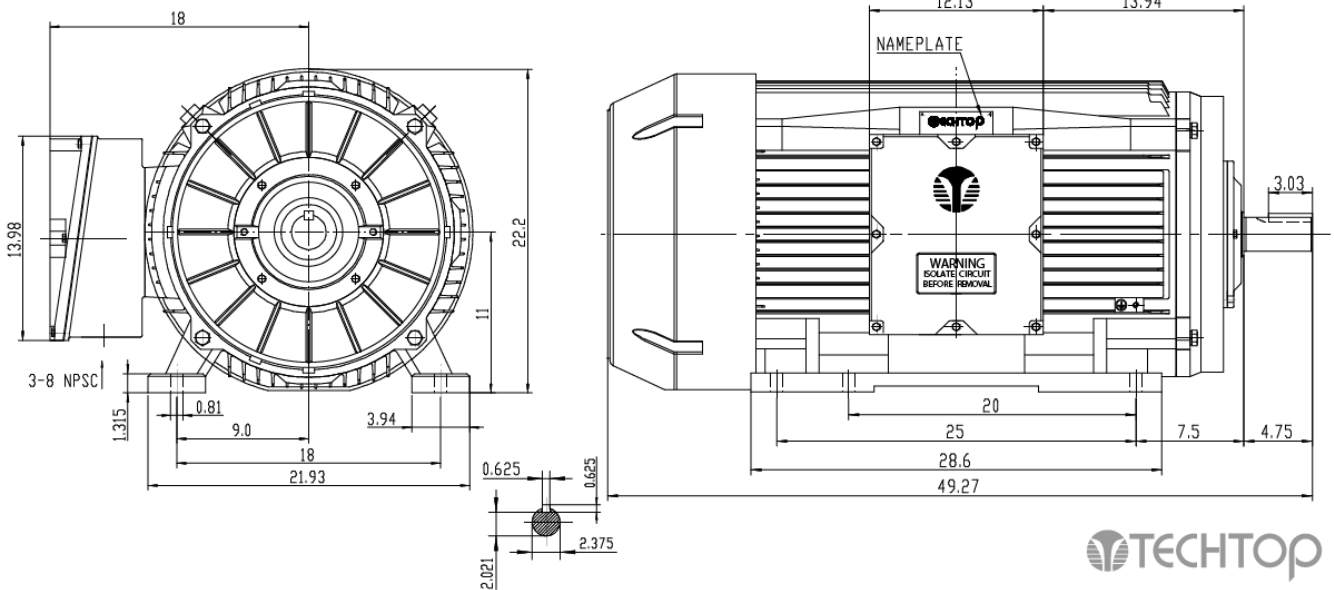
% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	125.0	71.28	-	-	-	-
25	125.0	104.41	58.29	3594.5	91.99	0.7
50	125.0	164.8	113.0	3589.1	94.91	0.86
75	187.5	232.66	168.43	3583.5	95.51	0.91
100	250.0	305.08	224.66	3577.6	95.48	0.92
125	125.0	349.51	258.79	3574.0	95.32	0.93
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	0.0	-	-	-
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



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