

## Techtop Industries Nameplate and Performance Data

NAMEPLATE DATA		
	60 Hz.	50 Hz.
Horsepower	125.0	125.0
Frame Size	444TC	
Speed, RPM	1780	1480
Voltage	3 Phase US	380
# Phase	3	
Full Load Amps	139.4117358	167
Power Factor	0.88	-
Nominal Efficiency	95.4	93.7
3/4 Load Efficiency	-	-
Service Factor	1.15	1.0
Duty	Cont. / S1	
FL Temp Rise °C	70.0	-
Enclosure	TEFC	
Ambient Temp °C	40	
KVA Code	K	D
FL Amps. @ 208 V	-	-
Insulation Class	F	
NEMA Design	A	
Weight	1479.56	
DE Bearing	6319C3	
NDE Bearing	6319C3	
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	0.07	

<b>Motor Model:</b>	<b>GR3-CI-TF-444TC-4-BR-E-125</b>
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Performance Load Values:

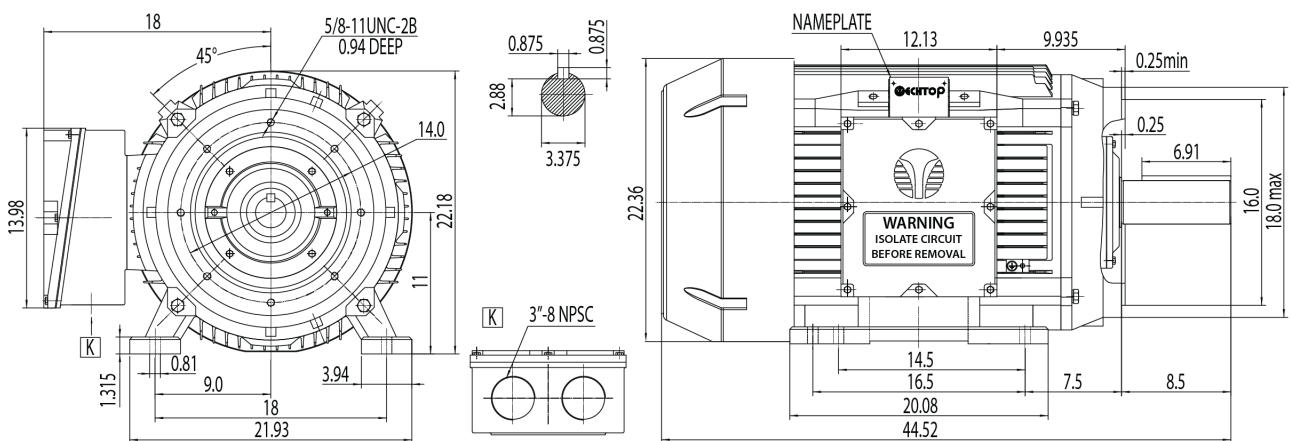
% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	62.5	55.58	-	-	-	-
25	62.5	64.5	25.7	1797.7	90.47	0.5
50	62.5	85.06	49.3	1795.2	94.33	0.73
75	93.75	111.22	73.13	1792.7	95.38	0.83
100	125.0	140.92	97.23	1790.0	95.65	0.87
125	62.5	159.57	111.81	1788.3	95.65	0.88
150	62.5	172.07	121.59	1787.2	95.61	0.89
SF	-	-	-	-	-	-

	Torque, Lb-Ft	% Full Load Torque	Speed, RPM	Current Amps.
Locked Rotor Torque	1294.77	355.0	-	1040.0
Pull Up Torque	692.977	190.0	-	-
Breakdown Torque	1240.06	340.0	-	-
Full Load	364.724	100.0	1790.0	140.9

### 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