

## Techtop Industries Nameplate and Performance Data

NAMEPLATE DATA		
	60 Hz.	50 Hz.
Horsepower	100.0	-
Frame Size	405TC	
Speed, RPM	1780	1480
Voltage	3 Phase US	380
# Phase	3	
Full Load Amps	114.0	-
Power Factor	0.86	-
Nominal Efficiency	95.4	-
3/4 Load Efficiency	-	-
Service Factor	1.15	1.0
Duty	Cont. / S1	
FL Temp Rise °C	70.0	97.0
Enclosure	TEFC	
Ambient Temp °C	40	
KVA Code	F	E
FL Amps. @ 208 V	-	-
Insulation Class	F	
NEMA Design	B	
Weight	1032.0	
DE Bearing	6316C3	
NDE Bearing	6314C3	
dB No-Load	90.0	
Rotor Wk <sup>2</sup> , Lb-Ft <sup>2</sup>	0.8794	
Start Capacitor	-	
Start Capacitor V	-	
Run Capacitor	-	
Run Capacitor V	-	
Number of Leads	6	
Connection	?	
Coil Resistance	-	

<b>Motor Model:</b>	<b>BR3-CI-TF-405TC-4-BR-E-100</b>
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Performance Load Values:

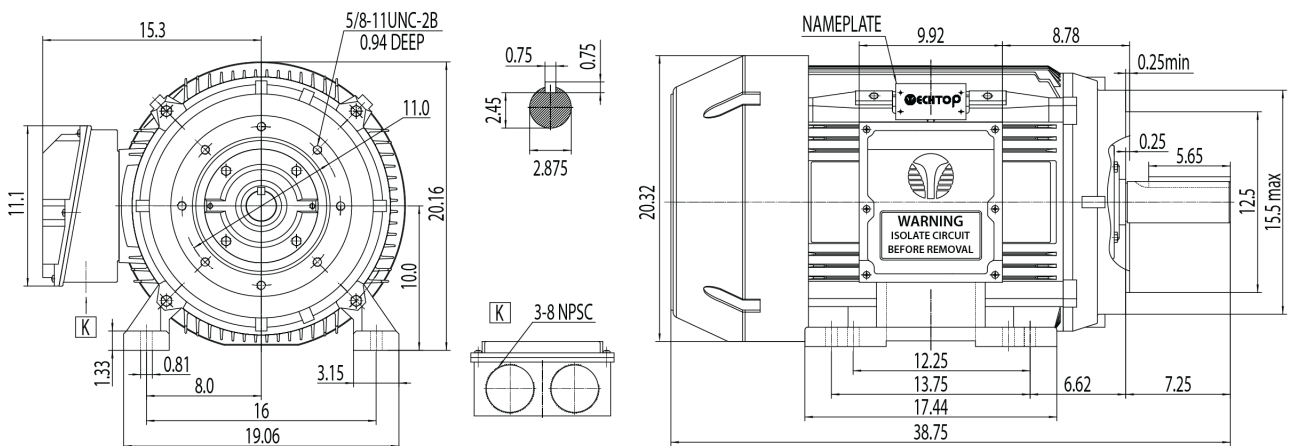
% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	-	-	-	-	-
25	-	-	-	-	-	-
50	-	-	-	-	95.0	0.73
75	-	-	-	-	95.2	0.82
100	-	-	-	-	95.4	0.86
125	-	-	-	-	-	-
150	-	-	-	-	-	-
SF	-	-	-	-	-	-

	Torque, Lb-Ft	% Full Load Torque	Speed, RPM	Current Amps.
Locked Rotor Torque	829.942	280.0	-	-
Pull Up Torque	503.893	170.0	-	-
Breakdown Torque	948.505	320.0	-	-
Full Load	296.408	100.0	-	-

### 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