

## Techtop Industries Nameplate and Performance Data

NAMEPLATE DATA		
	60 Hz	50 Hz
Horsepower	150.0	150.0
Frame Size	445TSC	
Speed, RPM	3575	2965
Voltage	460	380
# Phase	3	
Full Load Amps	164.2651796	198
Power Factor	0.91	-
Nominal Efficiency	95.0	93.5
3/4 Load Efficiency	-	-
Service Factor	1.15	1.0
Duty	Cont. / S1	
FL Temp Rise °C	79.0	-
Enclosure	TEFC	
Ambient Temp °C	40	
KVA Code	H	E
FL Amps. @ 208 V	-	-
Insulation Class	F	
NEMA Design	A	
Weight	1543.5	
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	-	

<b>Motor Model:</b>	<b>BR3-CI-TF-445TSC-2-BR-E-150</b>
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Performance Load Values:

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	46.94	-	-	-	-
25	37.5	66.5	35.33	3595.2	91.08	0.67
50	75.0	101.33	68.1	3590.6	94.5	0.84
75	112.5	141.18	101.28	3585.8	95.31	0.9
100	150.0	184.27	134.9	3580.8	95.4	0.92
125	187.5	210.93	155.28	3577.7	95.32	0.92
150	225.0	228.81	168.96	3575.6	95.22	0.93
SF	-	-	-	-	-	-

	Torque, Lb-Ft	% Full Load Torque	Speed, RPM	Current Amps.
Locked Rotor Torque	905.299	359.0	-	2244.77
Pull Up Torque	660.692	262.0	-	-
Breakdown Torque	1366.77	542.0	-	-
Full Load	252.173	100.0	3584.3	184.3

### 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