

## Techtop Industries Nameplate and Performance Data

NAMEPLATE DATA		
	60 Hz.	50 Hz.
<b>Horsepower</b>	150.0	150.0
<b>Frame Size</b>	445TSC	
<b>Speed, RPM</b>	3575	2965
<b>Voltage</b>	3 Phase US	380
<b># Phase</b>	3	
<b>Full Load Amps</b>	164.2651796	198
<b>Power Factor</b>	0.91	-
<b>Nominal Efficiency</b>	95.0	93.5
<b>3/4 Load Efficiency</b>	-	-
<b>Service Factor</b>	1.15	1.0
<b>Duty</b>	Cont. / S1	
<b>FL Temp Rise °C</b>	79.0	-
<b>Enclosure</b>	TEFC	
<b>Ambient Temp °C</b>	40	
<b>KVA Code</b>	H	E
<b>FL Amps. @ 208 V</b>	-	-
<b>Insulation Class</b>	F	
<b>NEMA Design</b>	A	
<b>Weight</b>	1543.5	
<b>DE Bearing</b>	6316C3	
<b>NDE Bearing</b>	6316C3	
<b>dB No-Load</b>	-	
<b>Rotor Wk<sup>2</sup>, Lb-Ft<sup>2</sup></b>	-	
<b>Start Capacitor</b>		
<b>Start Capacitor V</b>	-	
<b>Run Capacitor</b>		
<b>Run Capacitor V</b>	-	
<b>Number of Leads</b>	6	
<b>Connection</b>	?	
<b>Coil Resistance</b>	0.0535	

<b>Motor Model:</b>	<b>GR3-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	75.0	46.94	-	-	-	-
25	75.0	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	75.0	210.93	155.28	3577.7	95.32	0.92
150	75.0	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	-	1218.0
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

**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

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