

Techtop Industries Nameplate and Performance Data

NAMEPLATE DATA		
	60 Hz	50 Hz
Horsepower	150.0	150.0
Frame Size	445TS	
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 ² , Lb-Ft ²	-	
Start Capacitor	-	
Start Capacitor V	-	
Run Capacitor	-	
Run Capacitor V	-	
Number of Leads	6	
Connection	?	
Coil Resistance	-	

Motor Model:	BR3-CI-TF-445TS-2-BR-E-150
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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