

Techtop Industries Nameplate and Performance Data

NAMEPLATE DATA		
	60 Hz.	50 Hz.
Horsepower	100.0	-
Frame Size	405TSC	
Speed, RPM	3570	2950
Voltage	3 Phase US	380
# Phase	3	
Full Load Amps	110.0	-
Power Factor	0.9	-
Nominal Efficiency	94.1	-
3/4 Load Efficiency	-	-
Service Factor	1.15	1.0
Duty	Cont. / S1	
FL Temp Rise °C	67.0	88.0
Enclosure	TEFC	
Ambient Temp °C	40	
KVA Code	F	E
FL Amps. @ 208 V	-	-
Insulation Class	F	
NEMA Design	B	
Weight	994.0	
DE Bearing	6314C3	
NDE Bearing	6314C3	
dB No-Load	93.0	
Rotor Wk ² , Lb-Ft ²	0.499	
Start Capacitor	-	
Start Capacitor V	-	
Run Capacitor	-	
Run Capacitor V	-	
Number of Leads	6	
Connection	?	
Coil Resistance	-	

Motor Model:	BR3-CI-TF-405TSC-2-BR-E-100
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Performance Load Values:

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	-	-	-	-	-
25	-	-	-	-	-	-
50	-	-	-	-	92.9	0.85
75	-	-	-	-	94.0	0.9
100	-	-	-	-	94.1	0.9
125	-	-	-	-	-	-
150	-	-	-	-	-	-
SF	-	-	-	-	-	-

	Torque, Lb-Ft	% Full Load Torque	Speed, RPM	Current Amps.
Locked Rotor Torque	443.366	300.0	-	-
Pull Up Torque	295.578	200.0	-	-
Breakdown Torque	443.366	300.0	-	-
Full Load	147.789	100.0	-	-

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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