

## Techtop Industries Nameplate and Performance Data

NAMEPLATE DATA		
	60 Hz	50 Hz
Horsepower	100.0	100.0
Frame Size	405TC	
Speed, RPM	1780	1480
Voltage	460	380
# Phase	3	
Full Load Amps	114.0	-
Power Factor	0.86	-
Nominal Efficiency	95.4	93.4
3/4 Load Efficiency	-	-
Service Factor	1.15	1.0
Duty	Cont. / S1	
FL Temp Rise °C	70.0	-
Enclosure	TEFC	
Ambient Temp °C	40	
KVA Code	K	E
FL Amps. @ 208 V	-	-
Insulation Class	F	
NEMA Design	A	
Weight	1025.32	
DE Bearing	6316C3	
NDE Bearing	6314C3	
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	12	
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	-	41.22	-	-	-	-
25	25.0	48.74	20.43	1796.0	91.8	0.53
50	50.0	65.67	39.58	1791.9	94.75	0.76
75	75.0	87.99	59.03	1787.6	95.29	0.84
100	100.0	113.85	78.83	1783.1	95.15	0.87
125	125.0	141.43	98.97	1778.3	94.72	0.88
150	150.0	168.89	119.46	1773.2	94.17	0.89
SF	-	-	-	-	-	-

	Torque, Lb-Ft	% Full Load Torque	Speed, RPM	Current Amps.
Locked Rotor Torque	976.789	332.0	-	1130.03
Pull Up Torque	291.271	99.0	-	-
Breakdown Torque	453.089	154.0	-	-
Full Load	294.214	100.0	1783.1	113.8

### 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