

## Techtop Industries Nameplate and Performance Data

NAMEPLATE DATA		
	60 Hz	50 Hz
Horsepower	50.0	50.0
Frame Size	365T	
Speed, RPM	1180	980
Voltage	460	380
# Phase	3	
Full Load Amps	59.2	-
Power Factor	0.84	-
Nominal Efficiency	94.1	92.5
3/4 Load Efficiency	-	-
Service Factor	1.15	1.0
Duty	Cont. / S1	
FL Temp Rise °C	66.0	-
Enclosure	TEFC	
Ambient Temp °C	40	
KVA Code	H	E
FL Amps. @ 208 V	-	-
Insulation Class	F	
NEMA Design	A	
Weight	791.595	
DE Bearing	6313C3	
NDE Bearing	6313C3	
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-365T-6-BR-E-50</b>
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Performance Load Values:

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	22.36	-	-	-	-
25	12.5	25.93	10.41	1196.8	89.62	0.5
50	25.0	34.69	19.98	1193.9	93.37	0.72
75	37.5	45.51	29.72	1190.7	94.14	0.82
100	50.0	57.9	39.65	1187.3	94.07	0.86
125	62.5	71.36	49.8	1183.7	93.63	0.88
150	75.0	85.38	60.16	1179.9	93.0	0.88
SF	-	-	-	-	-	-

	Torque, Lb-Ft	% Full Load Torque	Speed, RPM	Current Amps.
Locked Rotor Torque	668.461	301.0	-	550.05
Pull Up Torque	406.406	183.0	-	-
Breakdown Torque	708.435	319.0	-	-
Full Load	222.08	100.0	1187.3	57.9

### 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