

## Techtop Industries Nameplate and Performance Data

NAMEPLATE DATA		
	60 Hz	50 Hz
Horsepower	75.0	75.0
Frame Size	365TSC	
Speed, RPM	3560	2940
Voltage	460	380
# Phase	3	
Full Load Amps	84.3	-
Power Factor	0.9	-
Nominal Efficiency	93.6	91.2
3/4 Load Efficiency	-	-
Service Factor	1.15	1.0
Duty	Cont. / S1	
FL Temp Rise °C	62.0	-
Enclosure	TEFC	
Ambient Temp °C	40	
KVA Code	K	F
FL Amps. @ 208 V	-	-
Insulation Class	F	
NEMA Design	A	
Weight	784.98	
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-365TSC-2-BR-E-75</b>
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Performance Load Values:

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	21.47	-	-	-	-
25	18.75	29.98	15.92	3593.2	87.92	0.67
50	37.5	45.56	30.26	3586.7	92.53	0.83
75	56.25	63.16	44.83	3579.8	93.68	0.89
100	75.0	63.16	44.83	3579.8	93.68	0.89
125	93.75	102.35	74.74	3565.1	93.66	0.92
150	112.5	122.91	90.09	3557.2	93.24	0.92
SF	-	-	-	-	-	-

	Torque, Lb-Ft	% Full Load Torque	Speed, RPM	Current Amps.
Locked Rotor Torque	447.777	408.0	-	941.877
Pull Up Torque	210.719	192.0	-	-
Breakdown Torque	409.365	373.0	-	-
Full Load	109.749	100.0	3572.6	82.26

### 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