

## Techtop Industries Nameplate and Performance Data

NAMEPLATE DATA		
	60 Hz	50 Hz
Horsepower	40.0	40.0
Frame Size	324TSC	
Speed, RPM	3560	2940
Voltage	460	380
# Phase	3	
Full Load Amps	46.5	-
Power Factor	0.89	-
Nominal Efficiency	92.4	90.0
3/4 Load Efficiency	-	-
Service Factor	1.25	1.0
Duty	Cont. / S1	
FL Temp Rise °C	67.0	-
Enclosure	TEFC	
Ambient Temp °C	40	
KVA Code	H	F
FL Amps. @ 208 V	-	-
Insulation Class	F	
NEMA Design	A	
Weight	485.1	
DE Bearing	6312C3	
NDE Bearing	6312C3	
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-324TSC-2-BR-E-40</b>
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Performance Load Values:

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	12.48	-	-	-	-
25	10.0	16.87	8.88	3588.8	84.46	0.66
50	20.0	25.43	16.6	3578.7	90.37	0.82
75	30.0	35.03	24.46	3567.6	91.99	0.88
100	40.0	45.56	32.49	3555.4	92.34	0.9
125	50.0	56.88	40.71	3542.2	92.13	0.9
150	60.0	68.89	49.13	3527.8	91.59	0.9
SF	-	-	-	-	-	-

	Torque, Lb-Ft	% Full Load Torque	Speed, RPM	Current Amps.
Locked Rotor Torque	140.239	235.0	-	344.434
Pull Up Torque	74.5952	125.0	-	-
Breakdown Torque	140.836	236.0	-	-
Full Load	59.6762	100.0	3555.4	45.56

### 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