

## Techtop Industries Nameplate and Performance Data

NAMEPLATE DATA		
	60 Hz	50 Hz
Horsepower	25.0	25.0
Frame Size	324TC	
Speed, RPM	1180	965
Voltage	460	380
# Phase	3	
Full Load Amps	31.9	-
Power Factor	0.81	-
Nominal Efficiency	93.0	90.0
3/4 Load Efficiency	-	-
Service Factor	1.25	1.0
Duty	Cont. / S1	
FL Temp Rise °C	52.0	-
Enclosure	TEFC	
Ambient Temp °C	40	
KVA Code	M	E
FL Amps. @ 208 V	-	-
Insulation Class	F	
NEMA Design	A	
Weight	500.535	
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-324TC-6-BR-E-25</b>
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Performance Load Values:

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	14.61	-	-	-	-
25	6.25	16.05	5.35	1196.5	86.95	0.42
50	12.5	19.84	10.14	1193.1	91.71	0.64
75	18.75	24.87	15.04	1189.5	92.78	0.76
100	25.0	30.81	20.04	1185.7	92.81	0.82
125	31.25	34.69	23.1	1183.3	92.58	0.84
150	37.5	37.36	25.17	1181.7	92.37	0.85
SF	-	-	-	-	-	-

	Torque, Lb-Ft	% Full Load Torque	Speed, RPM	Current Amps.
Locked Rotor Torque	374.193	338.0	-	361.401
Pull Up Torque	218.095	197.0	-	-
Breakdown Torque	464.974	420.0	-	-
Full Load	110.708	100.0	1185.7	30.81

### 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