

Techtop Industries Nameplate and Performance Data

NAMEPLATE DATA		
	60 Hz	50 Hz
Horsepower	40.0	40.0
Frame Size	324TC	
Speed, RPM	1770	1460
Voltage	460	380
# Phase	3	
Full Load Amps	47.1	-
Power Factor	0.86	-
Nominal Efficiency	94.1	91.5
3/4 Load Efficiency	-	-
Service Factor	1.25	1.0
Duty	Cont. / S1	
FL Temp Rise °C	78.0	-
Enclosure	TEFC	
Ambient Temp °C	40	
KVA Code	L	F
FL Amps. @ 208 V	-	-
Insulation Class	F	
NEMA Design	A	
Weight	539.122	
DE Bearing	6312C3	
NDE Bearing	6312C3	
dB No-Load	-	
Rotor Wk ² , Lb-Ft ²	-	
Start Capacitor	-	
Start Capacitor V	-	
Run Capacitor	-	
Run Capacitor V	-	
Number of Leads	12	
Connection	??/?	
Coil Resistance	-	

Motor Model:	BR3-CI-TF-324TC-4-BR-E-40
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Performance Load Values:

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	20.61	-	-	-	-
25	10.0	23.81	9.61	1795.1	89.75	0.51
50	20.0	31.86	18.5	1790.4	93.22	0.73
75	30.0	42.04	27.59	1785.3	93.77	0.82
100	40.0	53.83	36.91	1779.7	93.48	0.86
125	50.0	66.72	46.47	1773.8	92.81	0.87
150	60.0	80.2	56.28	1767.5	91.94	0.88
SF	-	-	-	-	-	-

	Torque, Lb-Ft	% Full Load Torque	Speed, RPM	Current Amps.
Locked Rotor Torque	430.673	317.0	-	496.313
Pull Up Torque	249.98	184.0	-	-
Breakdown Torque	400.784	295.0	-	-
Full Load	135.859	100.0	1779.7	53.83

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