

Techtop Industries Nameplate and Performance Data

NAMEPLATE DATA		
	60 Hz.	50 Hz.
Horsepower	15.0	-
Frame Size	284TC	
Speed, RPM	1175	965
Voltage	3 Phase US	380
# Phase	3	
Full Load Amps	19.3	-
Power Factor	0.8	-
Nominal Efficiency	91.7	-
3/4 Load Efficiency	-	-
Service Factor	1.25	1.0
Duty	Cont. / S1	
FL Temp Rise °C	46.0	60.0
Enclosure	TEFC	
Ambient Temp °C	40	
KVA Code	G	F
FL Amps. @ 208 V	-	-
Insulation Class	F	
NEMA Design	B	
Weight	366.0	
DE Bearing	6311C3	
NDE Bearing	6311C3	
dB No-Load	78.0	
Rotor Wk ² , Lb-Ft ²	0.2413	
Start Capacitor	-	
Start Capacitor V	-	
Run Capacitor	-	
Run Capacitor V	-	
Number of Leads	6	
Connection	?	
Coil Resistance	-	

Motor Model:	BR3-CI-TF-284TC-6-BR-E-15
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Performance Load Values:

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	-	-	-	-	-
25	-	-	-	-	-	-
50	-	-	-	-	89.5	0.57
75	-	-	-	-	91.5	0.7
100	-	-	-	-	91.7	0.8
125	-	-	-	-	-	-
150	-	-	-	-	-	-
SF	-	-	-	-	-	-

	Torque, Lb-Ft	% Full Load Torque	Speed, RPM	Current Amps.
Locked Rotor Torque	188.591	280.0	-	-
Pull Up Torque	94.2956	140.0	-	-
Breakdown Torque	222.268	330.0	-	-
Full Load	67.354	100.0	-	-

Speed Torque Curve

Please contact Techtop for image.

Dimensional Drawing

DRAWING UNAVAILABLE CONTACT TECHTOP

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

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