

Techtop Industries Nameplate and Performance Data

NAMEPLATE DATA		
	60 Hz	50 Hz
Horsepower	15.0	15.0
Frame Size	284TC	
Speed, RPM	1175	965
Voltage	460	380
# Phase	3	
Full Load Amps	19.3	-
Power Factor	0.8	-
Nominal Efficiency	91.7	89.1
3/4 Load Efficiency	-	-
Service Factor	1.25	1.0
Duty	Cont. / S1	
FL Temp Rise °C	46.0	-
Enclosure	TEFC	
Ambient Temp °C	40	
KVA Code	M	F
FL Amps. @ 208 V	-	-
Insulation Class	F	
NEMA Design	A	
Weight	363.825	
DE Bearing	6311C3	
NDE Bearing	6311C3	
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-284TC-6-BR-E-15
---------------------	----------------------------------

Performance Load Values:

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	10.91	-	-	-	-
25	3.75	11.67	3.39	1196.6	83.41	0.36
50	7.5	13.71	6.3	1193.3	89.62	0.58
75	11.25	16.54	9.29	1189.8	91.24	0.71
100	15.0	19.97	12.35	1186.0	91.52	0.78
125	18.75	23.86	15.49	1182.0	91.21	0.81
150	22.5	28.02	18.71	1177.9	90.59	0.84
SF	-	-	-	-	-	-

	Torque, Lb-Ft	% Full Load Torque	Speed, RPM	Current Amps.
Locked Rotor Torque	220.176	326.0	-	203.894
Pull Up Torque	96.5801	143.0	-	-
Breakdown Torque	268.128	397.0	-	-
Full Load	67.5386	100.0	1186.0	19.97

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