

## Techtop Industries Nameplate and Performance Data

NAMEPLATE DATA		
	60 Hz.	50 Hz.
Horsepower	25.0	25.0
Frame Size	284TC	
Speed, RPM	1770	1460
Voltage	3 Phase US	190/380
# Phase	3	
Full Load Amps	58.84/29.42	70.4/35.2
Power Factor	0.85	-
Nominal Efficiency	93.6	90.5
3/4 Load Efficiency	-	-
Service Factor	1.25	1.0
Duty	Cont. / S1	
FL Temp Rise °C	51.0	-
Enclosure	TEFC	
Ambient Temp °C	40	
KVA Code	K	F
FL Amps. @ 208 V	65.0669	-
Insulation Class	F	
NEMA Design	A	
Weight	366.03	
DE Bearing	6311C3	
NDE Bearing	6311C3	
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	0.56843	

<b>Motor Model:</b>	<b>GR3-CI-TF-284TC-4-BR-D-25</b>
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Performance Load Values:

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	12.5	11.63	-	-	-	-
25	12.5	11.99	5.36	1793.7	86.79	0.56
50	12.5	17.43	10.15	1788.3	91.59	0.73
75	18.75	22.92	15.03	1782.5	92.84	0.82
100	25.0	28.72	19.99	1776.1	93.05	0.87
125	12.5	35.08	25.06	1769.2	92.77	0.9
150	12.5	42.26	30.27	1761.8	92.17	0.9
SF	-	-	-	-	-	-

	Torque, Lb-Ft	% Full Load Torque	Speed, RPM	Current Amps.
Locked Rotor Torque	209.565	283.0	-	937.0
Pull Up Torque	152.546	206.0	-	-
Breakdown Torque	259.179	350.0	-	-
Full Load	74.0512	100.0	1776.1	28.72

### Speed Torque Curve

Please contact Techttop 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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