

## Techtop Industries Nameplate and Performance Data

NAMEPLATE DATA		
	60 Hz	50 Hz
Horsepower	25.0	25.0
Frame Size	284JM	
Speed, RPM	3550	2930
Voltage	230/460	190/380
# Phase	3	
Full Load Amps	60.06/30.03	68.4/34.2
Power Factor	0.89	-
Nominal Efficiency	91.7	89.0
3/4 Load Efficiency	-	-
Service Factor	1.25	1.0
Duty	Cont. / S1	
FL Temp Rise °C	56.0	-
Enclosure	TEFC	
Ambient Temp °C	40	
KVA Code	M	F
FL Amps. @ 208 V	66.4151	-
Insulation Class	F	
NEMA Design	A	
Weight	353.902	
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	-	

<b>Motor Model:</b>	<b>GR3-CI-TF-284JM-2-BR-D-25</b>
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Performance Load Values:

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	12.34	-	-	-	-
25	6.25	13.71	5.6	3591.4	83.02	0.51
50	12.5	18.36	10.39	3582.8	89.54	0.71
75	18.75	23.72	15.26	3573.7	91.42	0.81
100	25.0	29.67	20.23	3564.1	91.96	0.86
125	31.25	36.11	25.3	3554.1	91.91	0.88
150	37.5	42.93	30.48	3543.6	91.54	0.89
SF	-	-	-	-	-	-

	Torque, Lb-Ft	% Full Load Torque	Speed, RPM	Current Amps.
Locked Rotor Torque	127.93	346.0	-	353.963
Pull Up Torque	73.5782	199.0	-	-
Breakdown Torque	157.509	426.0	-	-
Full Load	36.974	100.0	3564.1	29.67

### 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