

## Techtop Industries Nameplate and Performance Data

NAMEPLATE DATA		
	60 Hz	50 Hz
Horsepower	15.0	15.0
Frame Size	284JM	
Speed, RPM	1175	965
Voltage	230/460	190/380
# Phase	3	
Full Load Amps	40.3/20.15	46.8/23.4
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	44.568	-
Insulation Class	F	
NEMA Design	A	
Weight	363.825	
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-6-BR-D-15</b>
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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