

## Techtop Industries Nameplate and Performance Data

NAMEPLATE DATA		
	60 Hz.	50 Hz.
<b>Horsepower</b>	25.0	25.0
<b>Frame Size</b>	284JP	
<b>Speed, RPM</b>	1770	-
<b>Voltage</b>	3 Phase US (575V)	-
<b># Phase</b>	3	
<b>Full Load Amps</b>	23.5	-
<b>Power Factor</b>	0.85	-
<b>Nominal Efficiency</b>	93.6	-
<b>3/4 Load Efficiency</b>	-	-
<b>Service Factor</b>	1.25	-
<b>Duty</b>	Cont. / S1	
<b>FL Temp Rise °C</b>	51.0	-
<b>Enclosure</b>	TEFC	
<b>Ambient Temp °C</b>	40	
<b>KVA Code</b>	K	-
<b>FL Amps. @ 208 V</b>	-	-
<b>Insulation Class</b>	F	
<b>NEMA Design</b>	A	
<b>Weight</b>	366.03	
<b>DE Bearing</b>	6311C3	
<b>NDE Bearing</b>	6311C3	
<b>dB No-Load</b>	-	
<b>Rotor Wk<sup>2</sup>, Lb-Ft<sup>2</sup></b>	-	
<b>Start Capacitor</b>	-	
<b>Start Capacitor V</b>	-	
<b>Run Capacitor</b>	-	
<b>Run Capacitor V</b>	-	
<b>Number of Leads</b>	12	
<b>Connection</b>	?	
<b>Coil Resistance</b>	-	

<b>Motor Model:</b>	<b>GR3-CI-TF-284JP-4-BR-F-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 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

