

## Techtop Industries Nameplate and Performance Data

NAMEPLATE DATA		
	60 Hz	50 Hz
<b>Horsepower</b>	2.0	2.0
<b>Frame Size</b>	184TC	
<b>Speed, RPM</b>	1175	970
<b>Voltage</b>	230/460	190/380
<b># Phase</b>	3	
<b>Full Load Amps</b>	6.26/3.13	7.18/3.59
<b>Power Factor</b>	0.68	-
<b>Nominal Efficiency</b>	88.5	88.1
<b>3/4 Load Efficiency</b>	-	-
<b>Service Factor</b>	1.25	1.0
<b>Duty</b>	Cont. / S1	
<b>FL Temp Rise °C</b>	16.2	16.0
<b>Enclosure</b>	TEFC	
<b>Ambient Temp °C</b>	40	
<b>KVA Code</b>	L	J
<b>FL Amps. @ 208 V</b>	6.36	-
<b>Insulation Class</b>	F	
<b>NEMA Design</b>	B	
<b>Weight</b>	62.0	
<b>DE Bearing</b>	6306ZZ	
<b>NDE Bearing</b>	6206ZZ	
<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>	9	
<b>Connection</b>	YY/Y	
<b>Coil Resistance</b>	-	

<b>Motor Model:</b>	<b>GR3-AL-TF-184TC-6-B-D-2</b>
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Performance Load Values:

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	2.33	-	-	-	-
25	0.5	2.4	489.99	1194.8	76.53	0.26
50	1.0	2.59	878.05	1190.2	85.42	0.43
75	1.5	2.89	1275.6	1185.2	88.19	0.55
100	2.0	3.28	1683.8	1179.8	89.08	0.64
125	2.5	3.74	2103.5	1174.1	89.14	0.71
150	3.0	4.26	2535.8	1168.1	88.73	0.75
SF	-	-	-	-	-	-

	Torque, Lb-Ft	% Full Load Torque	Speed, RPM	Current Amps.
Locked Rotor Torque	31.1984	3.47	-	27.8144
Pull Up Torque	23.8258	2.65	-	-
Breakdown Torque	39.3801	4.38	-	-
Full Load	8.99088	100.0	-	3.28

### 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