

## Techtop Industries Nameplate and Performance Data

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

<b>Motor Model:</b>	<b>GR3-AL-TF-184JM-6-B-D-2</b>
---------------------	--------------------------------

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