

## Techtop Industries Nameplate and Performance Data

NAMEPLATE DATA		
	60 Hz	50 Hz
Horsepower	1.5	1.5
Frame Size	80	
Speed, RPM	3500	2870
Voltage	208-230/460	190/380
# Phase	3	
Full Load Amps	4.2-3.9/1.95	4.68/2.34
Power Factor	0.84	-
Nominal Efficiency	84.0	82.0
3/4 Load Efficiency	-	-
Service Factor	1.25	1.0
Duty	Cont. / S1	
FL Temp Rise °C	40.5	-
Enclosure	TEFC	
Ambient Temp °C	40	
KVA Code	M	H
FL Amps. @ 208 V	4.2	-
Insulation Class	F	
NEMA Design	B	
Weight	24.1	
DE Bearing	6204ZZ	
NDE Bearing	6204ZZ	
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-80B3-2-B-D-1.5</b>
---------------------	---------------------------------

Performance Load Values:

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	0.99	-	-	-	-
25	0.375	-	-	-	-	-
50	0.75	-	-	-	-	-
75	1.125	-	-	-	-	-
100	1.5	-	-	-	-	-
125	1.875	-	-	-	-	-
150	2.25	-	-	-	-	-
SF	-	-	-	-	-	-

	Torque, Lb-Ft	% Full Load Torque	Speed, RPM	Current Amps.
Locked Rotor Torque	7.10862	3.16	-	19.0515
Pull Up Torque	6.05133	2.69	-	-
Breakdown Torque	8.36838	3.72	-	-
Full Load	2.24956	100.0	-	1.95

### 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

Techtop Industries  
2815 Colonnades Court  
Peachtree Corners, GA 30071  
Tel: 678-436-5540  
E-Mail: info@techttopind.com