

## Techtop Industries Nameplate and Performance Data

NAMEPLATE DATA		
	60 Hz	50 Hz
Horsepower	0.5	0.5
Frame Size	56J	
Speed, RPM	1750	1430
Voltage	208-230/460	190/380
# Phase	3	
Full Load Amps	1.76-1.8/0.9	1.98/0.99
Power Factor	0.66	-
Nominal Efficiency	78.5	77.0
3/4 Load Efficiency	-	-
Service Factor	1.25	1.0
Duty	Cont. / S1	
FL Temp Rise °C	25.4	-
Enclosure	TEFC	
Ambient Temp °C	40	
KVA Code	L	H
FL Amps. @ 208 V	1.76	-
Insulation Class	F	
NEMA Design	B	
Weight	17.7	
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-56J-4-B-D-.5</b>
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Performance Load Values:

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	0.72	-	-	-	-
25	0.125	-	-	-	-	-
50	0.25	-	-	-	-	-
75	0.375	-	-	-	-	-
100	0.5	-	-	-	-	-
125	0.625	-	-	-	-	-
150	0.75	-	-	-	-	-
SF	-	-	-	-	-	-

	Torque, Lb-Ft	% Full Load Torque	Speed, RPM	Current Amps.
Locked Rotor Torque	4.89889	3.24	-	5.7694
Pull Up Torque	4.12777	2.73	-	-
Breakdown Torque	5.65489	3.74	-	-
Full Load	1.512	100.0	-	0.91

### 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