

## Techtop Industries Nameplate and Performance Data

NAMEPLATE DATA		
	60 Hz	50 Hz
<b>Horsepower</b>	0.75	0.75
<b>Frame Size</b>	56J	
<b>Speed, RPM</b>	1750	1430
<b>Voltage</b>	208-230/460	190/380
<b># Phase</b>	3	
<b>Full Load Amps</b>	2.48-2.5/1.25	2.82/1.41
<b>Power Factor</b>	0.68	-
<b>Nominal Efficiency</b>	81.5	77.0
<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>	29.7	-
<b>Enclosure</b>	TEFC	
<b>Ambient Temp °C</b>	40	
<b>KVA Code</b>	L	H
<b>FL Amps. @ 208 V</b>	2.48	-
<b>Insulation Class</b>	F	
<b>NEMA Design</b>	B	
<b>Weight</b>	20.2	
<b>DE Bearing</b>	6204ZZ	
<b>NDE Bearing</b>	6204ZZ	
<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-56J-4-B-D-.75</b>
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Performance Load Values:

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	0.99	-	-	-	-
25	0.1875	-	-	-	-	-
50	0.375	-	-	-	-	-
75	0.5625	-	-	-	-	-
100	0.75	-	-	-	-	-
125	0.9375	-	-	-	-	-
150	1.125	-	-	-	-	-
SF	-	-	-	-	-	-

	Torque, Lb-Ft	% Full Load Torque	Speed, RPM	Current Amps.
Locked Rotor Torque	7.7413	3.43	-	8.6528
Pull Up Torque	6.5677	2.91	-	-
Breakdown Torque	8.91491	3.95	-	-
Full Load	2.25694	100.0	-	1.28

### 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