

## Techtop Industries Nameplate and Performance Data

NAMEPLATE DATA		
	60 Hz.	50 Hz.
<b>Horsepower</b>	15.0	15.0
<b>Frame Size</b>	254JM	
<b>Speed, RPM</b>	3540	-
<b>Voltage</b>	3 Phase US (575V)	-
<b># Phase</b>	3	
<b>Full Load Amps</b>	14	-
<b>Power Factor</b>	0.88	-
<b>Nominal Efficiency</b>	91.0	-
<b>3/4 Load Efficiency</b>	-	-
<b>Service Factor</b>	1.25	-
<b>Duty</b>	Cont. / S1	
<b>FL Temp Rise °C</b>	-	-
<b>Enclosure</b>	TEFC	
<b>Ambient Temp °C</b>	40	
<b>KVA Code</b>	L	-
<b>FL Amps. @ 208 V</b>	-	-
<b>Insulation Class</b>	F	
<b>NEMA Design</b>	A	
<b>Weight</b>	254.678	
<b>DE Bearing</b>	6309C3	
<b>NDE Bearing</b>	6309C3	
<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>	12	
<b>Connection</b>	?	
<b>Coil Resistance</b>	-	

<b>Motor Model:</b>	<b>GR3-CI-TF-254JM-2-BR-F-15</b>
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Performance Load Values:

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	7.5	8.01	-	-	-	-
25	7.5	9.11	3.58	3592.6	78.93	0.49
50	7.5	11.59	6.49	3585.6	87.1	0.71
75	11.25	14.7	9.45	3578.2	89.66	0.81
100	15.0	18.29	12.48	3570.4	90.53	0.86
125	7.5	22.21	15.58	3562.3	90.67	0.88
150	7.5	26.28	18.75	3553.8	90.42	0.9
SF	-	-	-	-	-	-

	Torque, Lb-Ft	% Full Load Torque	Speed, RPM	Current Amps.
Locked Rotor Torque	75.0398	337.0	-	1140.0
Pull Up Torque	42.9753	193.0	-	-
Breakdown Torque	88.1773	396.0	-	-
Full Load	22.267	100.0	3570.4	18.29

**Speed Torque Curve**

Please contact Techtop for image.

**Dimensional Drawing**

**DRAWING UNAVAILABLE CONTACT TECHTOP**

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

