

## Techtop Industries Nameplate and Performance Data

NAMEPLATE DATA		
	60 Hz	50 Hz
<b>Horsepower</b>	15.0	15.0
<b>Frame Size</b>	215JM	
<b>Speed, RPM</b>	3530	2910
<b>Voltage</b>	230/460	190/380
<b># Phase</b>	3	
<b>Full Load Amps</b>	33.0/16.5	38.6/19.3
<b>Power Factor</b>	0.92	-
<b>Nominal Efficiency</b>	91.0	90.5
<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>	53.4	54.0
<b>Enclosure</b>	TEFC	
<b>Ambient Temp °C</b>	40	
<b>KVA Code</b>	L	H
<b>FL Amps. @ 208 V</b>	35.6	-
<b>Insulation Class</b>	F	
<b>NEMA Design</b>	A	
<b>Weight</b>	135.0	
<b>DE Bearing</b>	6308ZZ	
<b>NDE Bearing</b>	6208ZZ	
<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-215JM-2-B-D-15</b>
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Performance Load Values:

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	4.59	-	-	-	-
25	3.75	6.03	3108.4	3582.8	88.47	0.65
50	7.5	8.99	5963.9	3566.3	92.22	0.83
75	11.25	12.42	8893.0	3548.7	92.77	0.9
100	15.0	16.22	11907.0	3530.0	92.38	0.92
125	18.75	20.26	15013.0	3510.1	91.59	0.93
150	22.5	24.43	18217.0	3489.1	90.58	0.94
SF	-	-	-	-	-	-

	Torque, Lb-Ft	% Full Load Torque	Speed, RPM	Current Amps.
Locked Rotor Torque	78.6506	3.57	-	186.53
Pull Up Torque	17.1842	0.78	-	-
Breakdown Torque	103.986	4.72	-	-
Full Load	22.031	100.0	-	16.22

### 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