

Techtop Industries Nameplate and Performance Data

NAMEPLATE DATA		
	60 Hz	50 Hz
Horsepower	15.0	15.0
Frame Size	215JM	
Speed, RPM	3530	2910
Voltage	230/460	190/380
# Phase	3	
Full Load Amps	33.0/16.5	38.6/19.3
Power Factor	0.92	-
Nominal Efficiency	91.0	90.5
3/4 Load Efficiency	-	-
Service Factor	1.25	1.0
Duty	Cont. / S1	
FL Temp Rise °C	53.4	54.0
Enclosure	TEFC	
Ambient Temp °C	40	
KVA Code	L	H
FL Amps. @ 208 V	35.6	-
Insulation Class	F	
NEMA Design	A	
Weight	135.0	
DE Bearing	6308ZZ	
NDE Bearing	6208ZZ	
dB No-Load	-	
Rotor Wk², Lb-Ft²	-	
Start Capacitor	-	
Start Capacitor V	-	
Run Capacitor	-	
Run Capacitor V	-	
Number of Leads	9	
Connection	YY/Y	
Coil Resistance	-	

Motor Model:	GR3-AL-TF-215JM-2-B-D-15
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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