



NEMA Premium

**NEMA**

<b>MOTOR MODEL:</b>	GR3-AL-TF-215T-2-B-D-10
<b>FACTORY TYPE:</b>	TXA

Premium NEMA Cast Aluminum, TEFC

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	10.0	10.0
Speed, RPM	3520	2910
Voltage	230/460	190/380
# Phase	3	
Full Load Amps	22.6/11.3	26.6/13.3
Power Factor	0.92	-
Nominal Efficiency	90.2	89.5
3/4 Load Efficiency	-	-
Service Factor	1.25	1.0
KVA Code	L	H
FL Amps. @ 208 V	25.8	-
Locked Rotor Current	239.516	-
Start Capacitor	-	
Start Capacitor V	-	
Run Capacitor	-	
Run Capacitor V	-	
Number of Leads	9	
Connection	YY/Y	
Coil Resistance	-	
<b>Load</b>	<b>Efficiency %</b>	<b>P.F.</b>
50%	-	-
75%	-	-
100%	-	-
FULL LOAD TEMPERATURE RISE		
FL Temp Rise °C	42.6	45.3
<b>3D Image Link</b>		
<a href="#">GR3-AL-TF-215T-2-B-D-10</a>		

GENERAL DATA			
Frame Size	215T		
Frame Enclosure	TEFC		
Mounting	Rigid		
Insulation Class	F		
Duty	Cont. / S1		
NEMA Design	A		
Frame Material	Cast Aluminum		
Ingress Protection	55		
Tropicalization	true		
Cable Entry	1-NPT 1"		
Feet Removable	true		
Double Drilled	-		
Paint Color	Graphite Gray		
Paint RAL	7024		
Weight lb	115.0		
MECHANICAL DATA			
DE Bearing	6308ZZ		
NDE Bearing	6208ZZ		
dB No-Load	-		
Rotor Wk <sup>2</sup> , Lb-Ft <sup>2</sup>	-		
Comp Ring (wavey washer)	NDE		
TORQUE VALUES		Torque lb-ft	% FLT
Locked Rotor Torque	42.4348	283.0	
Pull-Up Torque	6.44769	43.0	
Breakdown Torque	67.9257	453.0	
Full Load Torque	14.9946	100.0	
SITE CONDITIONS			
Ambient Temp °C	40		
Altitude Above Sea Level m	1000		



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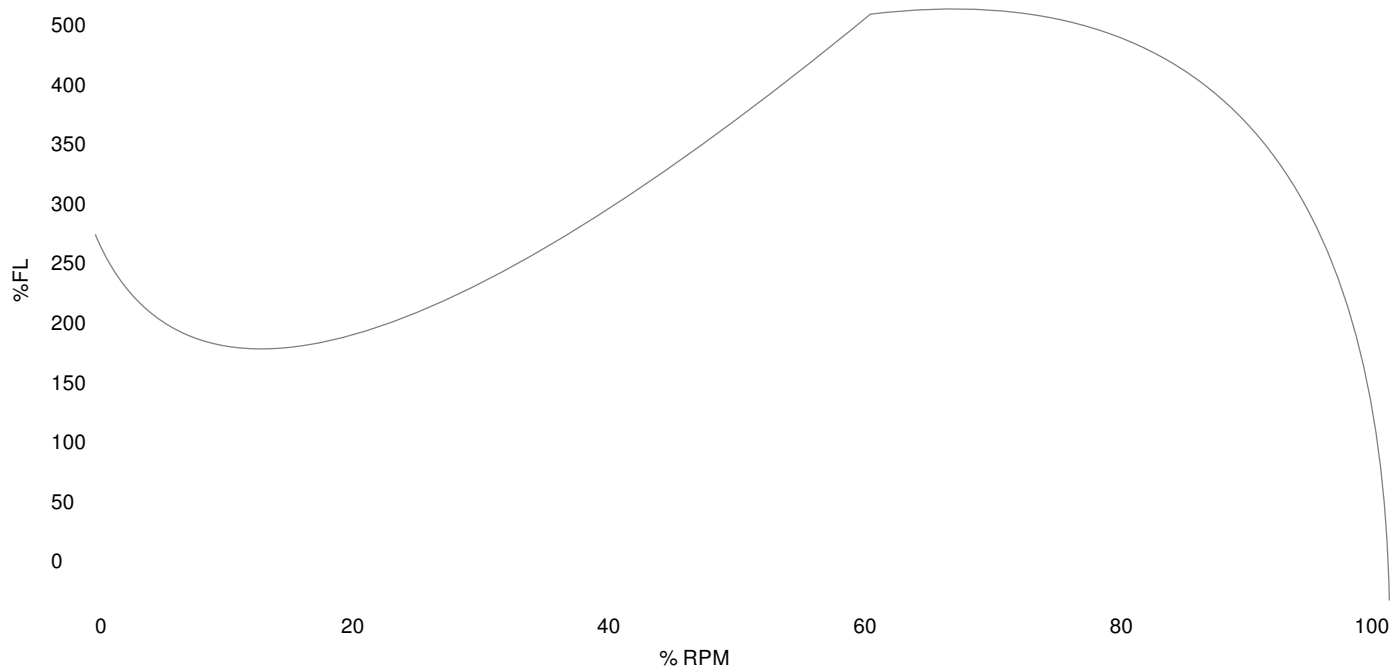
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Non Sinusoidal (VFD) Output 10.0HP, 3520 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values
Locked Rotor Torque	42.4348	283.0	Start Configuration
Pull-Up Torque	6.44769	43.0	Starting Current (A)
Breakdown Torque	67.9257	453.0	No-Load Current (A)
Full Load	14.9946	100.0	No-Load Power Factor

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	-	-	-	-	-
25	2.5	-	-	-	-	-
50	5.0	-	-	-	-	-
75	7.5	-	-	-	-	-
100	10.0	-	-	-	-	-
125	12.5	-	-	-	-	-

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