



NEMA Premium

**NEMA**

<b>MOTOR MODEL:</b>	GR3-AL-TF-215T-4-B-D-10
<b>FACTORY TYPE:</b>	TXA

Premium NEMA Cast Aluminum, TEFC

<b>ELECTRICAL DATA</b>		
	60 Hz	50 Hz
Horsepower	10.0	10.0
Speed, RPM	1760	1455
Voltage	230/460	190/380
# Phase	3	
Full Load Amps	23.9/12.0	28.0/14.0
Power Factor	0.86	-
Nominal Efficiency	91.7	90.8
3/4 Load Efficiency	-	-
Service Factor	1.25	1.0
KVA Code	L	J
FL Amps. @ 208 V	26.3	-
Locked Rotor Current	-	-
Start Capacitor	-	
Start Capacitor V	-	
Run Capacitor	-	
Run Capacitor V	-	
Number of Leads	9	
Connection	YY/Y	
Coil Resistance	-	
Date Code	-	
<b>Load</b>	<b>Efficiency %</b>	<b>P.F.</b>
50%	-	-
75%	-	-
100%	-	-
<b>FULL LOAD TEMPERATURE RISE</b>		
FL Temp Rise °C	-	43.8
<b>3D Image Link</b>		
<a href="#">GR3-AL-TF-215T-4-B-D-10</a>		

<b>GENERAL DATA</b>			
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	131.0		
<b>MECHANICAL DATA</b>			
DE Bearing	6308ZZ		
NDE Bearing	6208ZZ		
dB No-Load	-		
Rotor Wk <sup>2</sup> , Lb-Ft <sup>2</sup>	-		
Comp Ring (wavy washer)	NDE		
<b>TORQUE VALUES</b>		Torque lb-ft	% FLT
Locked Rotor Torque	82.5288	274.0	
Pull-Up Torque	60.24	200.0	
Breakdown Torque	115.36	383.0	
Full Load Torque	30.12	100.0	
<b>SITE CONDITIONS</b>			
Ambient Temp °C	40		
Altitude Above Sea Level m	1000		



NEMA Premium

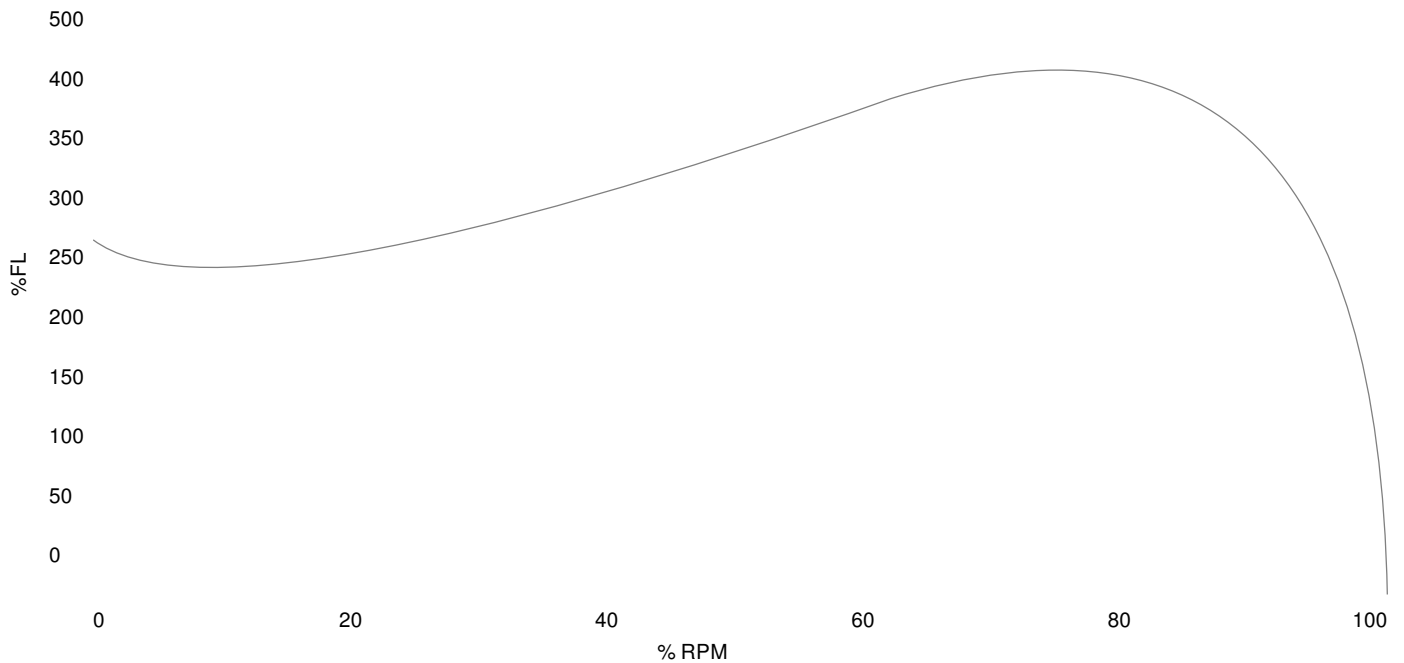
**NEMA**

<b>MOTOR MODEL:</b>	GR3-AL-TF-215T-4-B-D-10
<b>FACTORY TYPE:</b>	TXA

Premium NEMA Cast Aluminum, TEFC

Non Sinusoidal (VFD) Output 10.0HP, 1760 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values
Locked Rotor Torque	82.5288	274.0	Start Configuration
Pull-Up Torque	60.24	200.0	Starting Current (A)
Breakdown Torque	115.36	383.0	No-Load Current (A)
Full Load	30.12	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	-	-	-	-	-

Techtop Industries  
 2815 Colonnades Court  
 Peachtree Corners, GA 30071  
 Tel: 678-436-5540  
 E-Mail: info@techttopind.com