



Three Phase Aluminum

NEMA

MOTOR MODEL:	GX3-AL-TF-215T-2-B-D-15
FACTORY TYPE:	TXA

Premium NEMA Cast Aluminum, TEFC

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	15.0	15.0
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
Service Factor	1.25	1.0
KVA Code	L	H
FL Amps. @ 208 V	35.6	-
LRC @ 60Hz HV	186.53	-
Start Capacitor	-	
Start Capacitor V	-	
Run Capacitor	-	
Run Capacitor V	-	
Number of Leads	9	
Connection	YY/Y	
Coil Resistance	-	
Date Code	-	
Load	Efficiency %	P.F.
50%	92.22	0.83
75%	92.77	0.9
100%	92.38	0.92
FULL LOAD TEMPERATURE RISE		
FL Temp Rise °C	53.4	54.0
3D Image Link		
GX3-AL-TF-215T-2-B-D-15		

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	135.0	
MECHANICAL DATA		
DE Bearing	6308ZZ	
NDE Bearing	6208ZZ	
dB No-Load	-	
Rotor Wk ² , Lb-Ft ²	-	
Comp Ring (wavey washer)	NDE	
TORQUE VALUES		% FLT
Locked Rotor Torque	78.6506	357.0
Pull-Up Torque	17.1842	78.0
Breakdown Torque	103.986	472.0
Full Load Torque	22.031	100.0
SITE CONDITIONS		
Ambient Temp °C	40	
Altitude Above Sea Level m	1000	

*This report valid for above Date Code and newer models, please contact Techtop for more info.



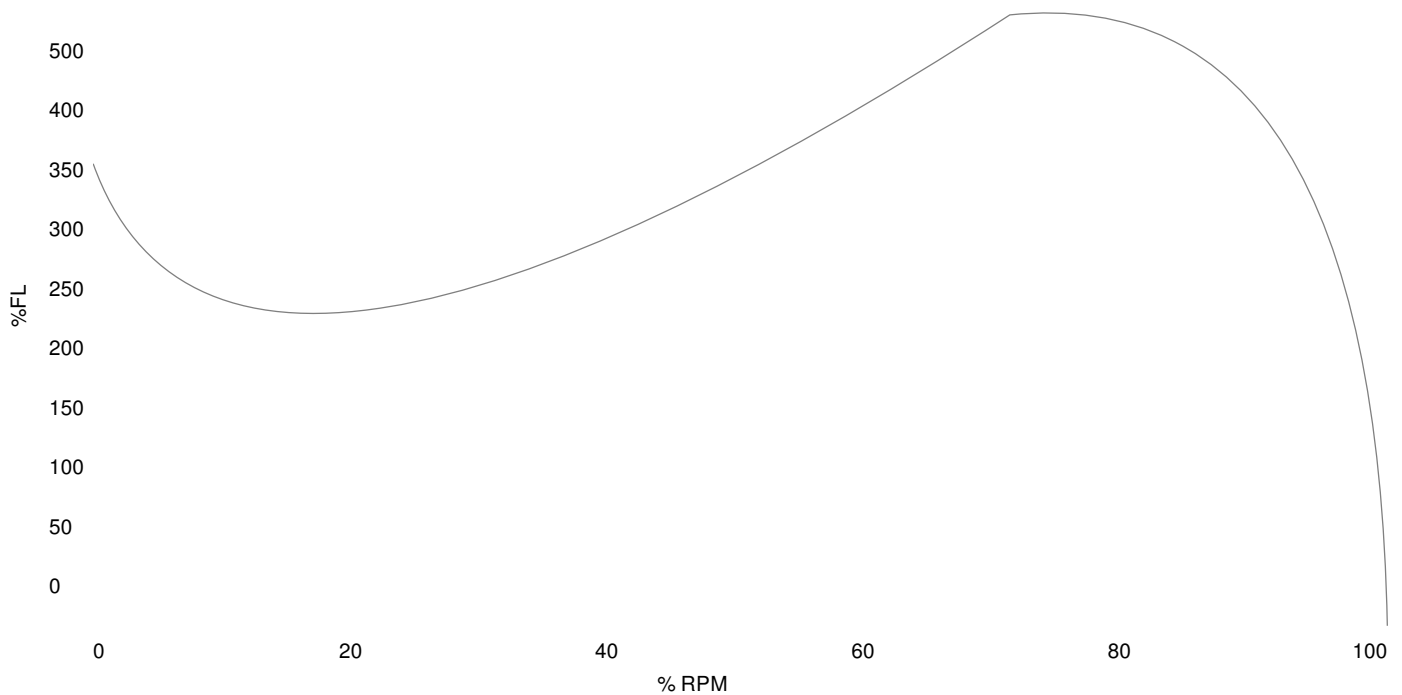
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Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values
Locked Rotor Torque	78.6506	357.0	Start Configuration
Pull-Up Torque	17.1842	78.0	Starting Current (A)
Breakdown Torque	103.986	472.0	No-Load Current (A)
Full Load	22.031	100.0	No-Load Power Factor

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	4.59	-	-	-	-
25	3.75	6.03	3.1084	3582.8	88.47	0.65
50	7.5	8.99	5.9639	3566.3	92.22	0.83
75	11.25	12.42	8.893	3548.7	92.77	0.9
100	15.0	16.22	11.907	3530.0	92.38	0.92
125	18.75	20.26	15.013	3510.1	91.59	0.93

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 Peachtree Corners, GA 30071
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