NEMA Premium

NEMA

MOTOR MODEL:	GR3-AL-TF-215T-6-B-D-5
FACTORY TYPE:	TXA

Premium NEMA Cast Aluminum, TEFC

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	5.0	5.0
Speed, RPM	1170	965
Voltage	230/460	190/380
# Phase	3	
Full Load Amps	14.2/7.11	16.7/8.35
Power Factor	0.73	-
Nominal Efficiency	89.5	87.5
3/4 Load Efficiency	-	-
Service Factor	1.25	1.0
KVA Code	J	H
FL Amps. @ 208 V	15.4	-
LRC @ 60Hz HV	48.763	-
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%	-	-
75%	-	-
100%	-	-
FULL LOAD TEMPERATURE RISE		
FL Temp Rise °C	32.0	32.0
3D Image Link		
GR3-AL-TF-215T-6-B-D-5		

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

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	113.0	
MECHANICAL DATA		
DE Bearing	6308ZZ	
NDE Bearing	6208ZZ	
dB No-Load	-	
Rotor Wk², Lb-Ft²	-	
Comp Ring (wavey washer)	NDE	
TORQUE VALUES	**Torque lb-ft**	**% FLT**
Locked Rotor Torque	53.779	242.0
Pull-Up Torque	-	-
Breakdown Torque	41.5565	187.0
Full Load Torque	22.2227	100.0
SITE CONDITIONS		
Ambient Temp °C	40	
Altitude Above Sea Level m	1000	

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