



NEMA Premium

NEMA

MOTOR MODEL:	GR3-AL-TF-213T-6-B-D-3
FACTORY TYPE:	TXA

Premium NEMA Cast Aluminum, TEFC

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	3.0	3.0
Speed, RPM	1175	975
Voltage	230/460	190/380
# Phase	3	
Full Load Amps	8.58/4.29	10.1/5.05
Power Factor	0.71	-
Nominal Efficiency	89.5	88.1
3/4 Load Efficiency	-	-
Service Factor	1.25	1.0
KVA Code	K	J
FL Amps. @ 208 V	9.23	-
LRC @ 60Hz HV	33.4276	-
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	23.0	23.0
3D Image Link		
GR3-AL-TF-213T-6-B-D-3		

GENERAL DATA			
Frame Size	213T		
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	73.5		
MECHANICAL DATA			
DE Bearing	6308ZZ		
NDE Bearing	6208ZZ		
dB No-Load	-		
Rotor Wk ² , Lb-Ft ²	-		
Comp Ring (wavy washer)	NDE		
TORQUE VALUES		Torque lb-ft	% FLT
Locked Rotor Torque		31.0009	236.0
Pull-Up Torque		-	-
Breakdown Torque		20.2294	154.0
Full Load Torque		13.136	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 Techttop for more info.

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