NEMA Premium

NEMA

MOTOR MODEL:	GR3-AL-TF-213TC-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		
Not available for this motor		

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

GENERAL DATA		
Frame Size	213TC	
Frame Enclosure	TEFC	
Mounting	Rigid/C-Flange	
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 Wk², Lb-Ft²	-	
Comp Ring (wavey washer)	-	
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	

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