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 Wk^2, $Lb\text{-}Ft^2$	-
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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