NEMA Premium

NEMA

MOTOR MODEL:	GR3-CI-TF-215T-6-B-D-5
FACTORY TYPE:	TXC

Premium NEMA Cast Iron, TEFC

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	5.0	5.0
Speed, RPM	1165	955
Voltage	230/460	190/380
# Phase	3	
Full Load Amps	13.77/6.88	18/9.0
Power Factor	0.76	-
Nominal Efficiency	89.5	85.5
3/4 Load Efficiency	-	-
Service Factor	1.25	1.0
KVA Code	K	K
FL Amps. @ 208 V	15.2212	-
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	-	-
3D Image Link		
GR3-CI-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 Iron
Ingress Protection	55
Tropicalization	true
Cable Entry	1-NPT 1"
Feet Removable	true
Double Drilled	-
Paint Color	Graphite Gray
Paint RAL	7024
Weight lb	171.99
MECHANICAL DATA	
DE Bearing	6308ZZ
NDE Bearing	6308ZZ
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

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