NEMA Premium

NEMA

MOTOR MODEL:	GR3-CI-TF-449T-6-RR-E-200
FACTORY TYPE:	TXC

Premium NEMA Cast Iron, TEFC

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	200.0	200.0
Speed, RPM	1180	980
Voltage	460	380
# Phase	3	
Full Load Amps	224.6806142	277
Power Factor	0.87	-
Nominal Efficiency	95.8	94.0
3/4 Load Efficiency	-	-
Service Factor	1.15	1.0
KVA Code	H	E
FL Amps. @ 208 V	-	-
LRC @ 60Hz HV	2045.8	-
Start Capacitor	-	
Start Capacitor V	-	
Run Capacitor	-	
Run Capacitor V	-	
Number of Leads	6	
Connection	D	
Coil Resistance	-	
Date Code	-	
Load	**Efficiency %**	**P.F.**
50%	94.92	0.76
75%	95.26	0.84
100%	94.97	0.86
FULL LOAD TEMPERATURE RISE		
FL Temp Rise °C	113.0	-
3D Image Link		
GR3-CI-TF-449T-6-RR-E-200		

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

GENERAL DATA		
Frame Size	449T	
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	2-NPT 3"	
Feet Removable	-	
Double Drilled	true	
Paint Color	Graphite Gray	
Paint RAL	7024	
Weight lb	2244.69	
MECHANICAL DATA		
DE Bearing	NU319	
NDE Bearing	6319C3	
dB No-Load	-	
Rotor Wk², Lb-Ft²	-	
Comp Ring (wavey washer)	None	
TORQUE VALUES	**Torque lb-ft**	**% FLT**
Locked Rotor Torque	2467.2	241.0
Pull-Up Torque	-	-
Breakdown Torque	3030.26	296.0
Full Load Torque	1023.74	100.0
SITE CONDITIONS		
Ambient Temp °C	40	
Altitude Above Sea Level m	1000	

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