



NEMA Premium

**NEMA**

<b>MOTOR MODEL:</b>	GR3-CI-TF-449TC-6-RR-E-200
<b>FACTORY TYPE:</b>	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		
<a href="#">GR3-CI-TF-449TC-6-RR-E-200</a>		

GENERAL DATA		
Frame Size	449TC	
Frame Enclosure	TEFC	
Mounting	Rigid/C-Flange	
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 Wk <sup>2</sup> , Lb-Ft <sup>2</sup>	-	
Comp Ring (wavy washer)	-	
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	

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