



NEMA Premium

NEMA

MOTOR MODEL:	GR3-CI-TF-447TS-2-BR-E-200
FACTORY TYPE:	TXC

Premium NEMA Cast Iron, TEFC

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	200.0	200.0
Speed, RPM	3575	2960
Voltage	460	380
# Phase	3	
Full Load Amps	218.1019156	266
Power Factor	0.92	-
Nominal Efficiency	95.4	94.0
3/4 Load Efficiency	-	-
Service Factor	1.15	1.0
KVA Code	H	D
FL Amps. @ 208 V	-	-
LRC @ 60Hz HV	3435.78	-
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%	94.65	0.83
75%	95.33	0.89
100%	95.34	0.91
FULL LOAD TEMPERATURE RISE		
FL Temp Rise °C	84.0	-
3D Image Link		
GR3-CI-TF-447TS-2-BR-E-200		

GENERAL DATA		
Frame Size	447TS	
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	1858.81	
MECHANICAL DATA		
DE Bearing	6316C3	
NDE Bearing	6316C3	
dB No-Load	-	
Rotor Wk², Lb-Ft²	-	
Comp Ring (wavey washer)	DE	
TORQUE VALUES	Torque lb-ft	% FLT
Locked Rotor Torque	1541.82	523.0
Pull-Up Torque	-	-
Breakdown Torque	1627.32	552.0
Full Load Torque	294.804	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 Techtop for more info.

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