NEMA Premium

NEMA

MOTOR MODEL:	BR3-CI-TF-447TSC-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
BR3-CI-TF-447TSC-2-BR-E-200

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

GENERAL DATA	
Frame Size	447TSC
Frame Enclosure	TEFC
Mounting	Rigid/C-Flange
Insulation Class	F
Duty	Cont. / S1
NEMA Design	A
Frame Material	Cast Iron
Ingress Protection	56
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)	-

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

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