



NEMA Premium

NEMA

MOTOR MODEL:	GR3-CI-TF-145TC-6-B-D-1
FACTORY TYPE:	TXC

Premium NEMA Cast Iron, TEFC

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	1.0	1.0
Speed, RPM	1150	940
Voltage	230/460	190/380
# Phase	3	
Full Load Amps	3.39/1.69	4.2/2.1
Power Factor	0.64	-
Nominal Efficiency	82.5	77.0
3/4 Load Efficiency	-	-
Service Factor	1.25	1.0
KVA Code	H	J
FL Amps. @ 208 V	3.74616	-
LRC @ 60Hz HV	-	-
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-145TC-6-B-D-1		

GENERAL DATA				
Frame Size	145TC			
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	1-NPT 3/4"			
Feet Removable	true			
Double Drilled	-			
Paint Color	Graphite Gray			
Paint RAL	7024			
Weight lb	52.92			
MECHANICAL DATA				
DE Bearing	6205ZZ			
NDE Bearing	6205ZZ			
dB No-Load	-			
Rotor Wk ² , Lb-Ft ²	-			
Comp Ring (wavy washer)	-			
TORQUE VALUES			Torque lb-ft	% FLT
Locked Rotor Torque	-	-		
Pull-Up Torque	-	-		
Breakdown Torque	-	-		
Full Load Torque	-	-	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.