



Three Phase Cast Iron

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 Wk², Lb-Ft²	-	
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	

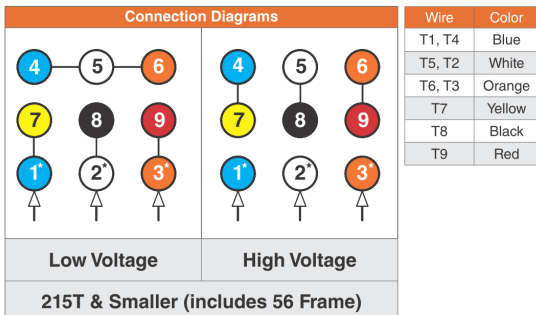
*This report valid for above Date Code and newer models, please contact Techttop for more info.

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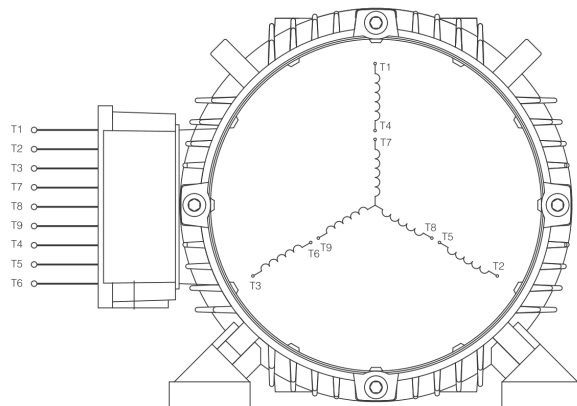
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3 Phase NEMA YYY 9 Lead 230/460V



When motor is in F1 position, leads shown with "*" exit the casing above the center line of the motor, the remaining leads exit below the center line. This information can be used to identify missing or mislabelled leads.



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