



NEMA Premium

**NEMA**

<b>MOTOR MODEL:</b>	GR3-CI-TF-184TC-4-B-D-5
<b>FACTORY TYPE:</b>	TXC

Premium NEMA Cast Iron, TEFC

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	5.0	5.0
Speed, RPM	1745	1450
Voltage	230/460	190/380
# Phase	3	
Full Load Amps	12.6/6.3	15.8/7.9
Power Factor	0.82	-
Nominal Efficiency	89.5	85.0
3/4 Load Efficiency	-	-
Service Factor	1.25	1.0
KVA Code	K	G
FL Amps. @ 208 V	13.9375	-
LRC @ 60Hz HV	52.69	-
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		
<a href="#">GR3-CI-TF-184TC-4-B-D-5</a>		

GENERAL DATA				
Frame Size	184TC			
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	110.25			
MECHANICAL DATA				
DE Bearing	6306ZZ			
NDE Bearing	6306ZZ			
dB No-Load	-			
Rotor Wk <sup>2</sup> , Lb-Ft <sup>2</sup>	-			
Comp Ring (wavey washer)	-			
TORQUE VALUES			Torque lb-ft	% FLT
Locked Rotor Torque	37.2552	246.0		
Pull-Up Torque	30.4403	201.0		
Breakdown Torque	49.9765	330.0		
Full Load Torque	15.1444	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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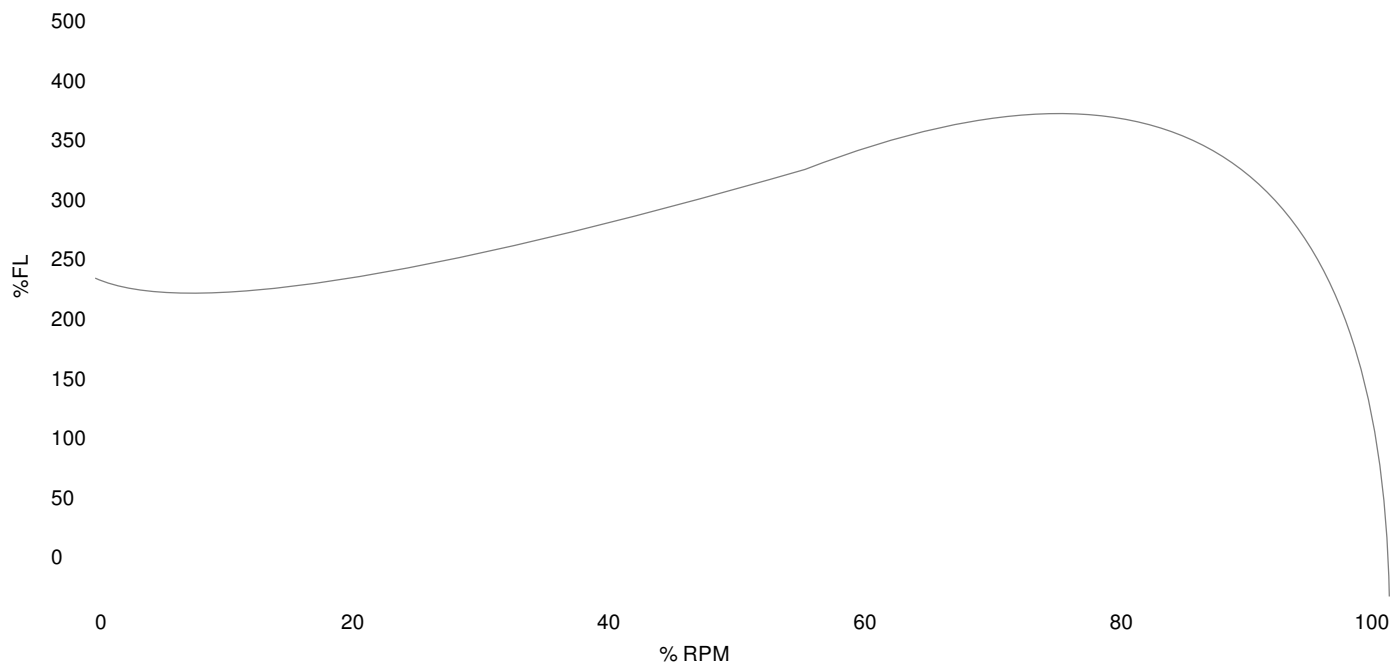
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Premium NEMA Cast Iron, TEFC

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values
Locked Rotor Torque	37.2552	246.0	Start Configuration
Pull-Up Torque	30.4403	201.0	Starting Current (A)
Breakdown Torque	49.9765	330.0	No-Load Current (A)
Full Load	15.1444	100.0	No-Load Power Factor

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	-	-	-	-	-
25	1.25	-	-	-	-	-
50	2.5	-	-	-	-	-
75	3.75	-	-	-	-	-
100	5.0	-	-	-	-	-
125	6.25	-	-	-	-	-

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