



Three Phase Cast Iron

NEMA

MOTOR MODEL:	GR3-CI-TF-184T-6-B-D-2
FACTORY TYPE:	TXC

Premium NEMA Cast Iron, TEFC

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	2.0	2.0
Speed, RPM	1150	945
Voltage	230/460	190/380
# Phase	3	
Full Load Amps	6.22/3.11	7.6/3.8
Power Factor	0.73	-
Nominal Efficiency	88.5	84.0
3/4 Load Efficiency	-	-
Service Factor	1.25	1.0
KVA Code	L	J
FL Amps. @ 208 V	6.88165	-
LRC @ 60Hz HV	27.8144	-
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%	85.42	0.43
75%	88.19	0.55
100%	89.08	0.64
FULL LOAD TEMPERATURE RISE		
FL Temp Rise °C	-	
3D Image Link		
GR3-CI-TF-184T-6-B-D-2		

GENERAL DATA		
Frame Size	184T	
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	1-NPT 3/4"	
Feet Removable	true	
Double Drilled	-	
Paint Color	Graphite Gray	
Paint RAL	7024	
Weight lb	112.455	
MECHANICAL DATA		
DE Bearing	6306ZZ	
NDE Bearing	6306ZZ	
dB No-Load	-	
Rotor Wk ² , Lb-Ft ²	-	
Comp Ring (wavy washer)	NDE	
TORQUE VALUES	Torque lb-ft	% FLT
Locked Rotor Torque	31.1984	347.0
Pull-Up Torque	23.8258	265.0
Breakdown Torque	39.3801	438.0
Full Load Torque	8.99088	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.



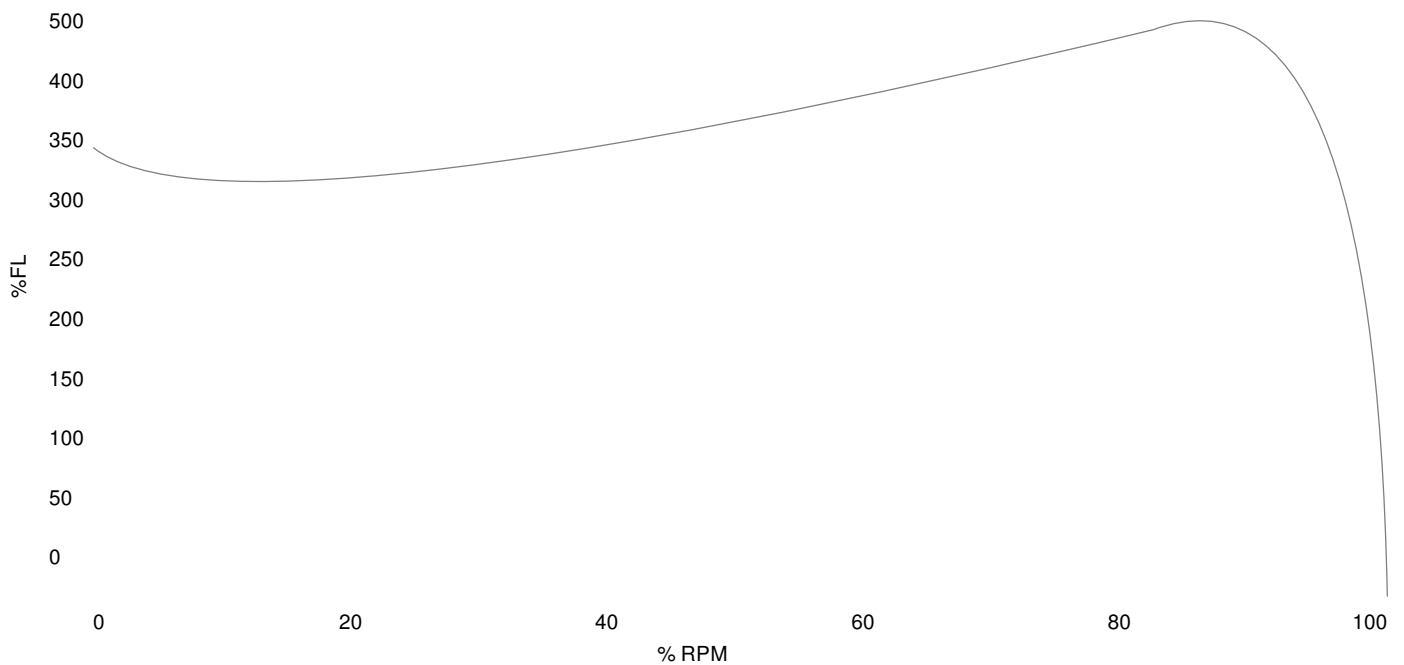
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Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values
Locked Rotor Torque	31.1984	347.0	Start Configuration
Pull-Up Torque	23.8258	265.0	Starting Current (A)
Breakdown Torque	39.3801	438.0	No-Load Current (A)
Full Load	8.99088	100.0	No-Load Power Factor

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	2.33	-	-	-	-
25	0.5	2.4	0.48999	1194.8	76.53	0.26
50	1.0	2.59	0.87805	1190.2	85.42	0.43
75	1.5	2.89	1.2756	1185.2	88.19	0.55
100	2.0	3.28	1.6838	1179.8	89.08	0.64
125	2.5	3.74	2.1035	1174.1	89.14	0.71

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