NEMA Premium

NEMA

MOTOR MODEL:	GR3-CI-TF-182T-6-B-D-1.5
FACTORY TYPE:	TXC

Premium NEMA Cast Iron, TEFC

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	1.5	1.5
Speed, RPM	1150	945
Voltage	230/460	190/380
# Phase	3	
Full Load Amps	4.79/2.4	5.6/2.8
Power Factor	0.72	-
Nominal Efficiency	87.5	82.5
3/4 Load Efficiency	-	-
Service Factor	1.25	1.0
KVA Code	L	J
FL Amps. @ 208 V	5.29814	-
LRC @ 60Hz HV	16.9824	-
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-182T-6-B-D-1.5		

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

GENERAL DATA		
Frame Size	182T	
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	93.7125	
MECHANICAL DATA		
DE Bearing	6306ZZ	
NDE Bearing	6306ZZ	
dB No-Load	-	
Rotor Wk², Lb-Ft²	-	
Comp Ring (wavey washer)	NDE	
TORQUE VALUES	**Torque lb-ft**	**% FLT**
Locked Rotor Torque	17.6977	269.0
Pull-Up Torque	-	-
Breakdown Torque	12.6318	192.0
Full Load Torque	6.57905	100.0
SITE CONDITIONS		
Ambient Temp °C	40	
Altitude Above Sea Level m	1000	

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