NEMA Premium

NEMA

MOTOR MODEL:	GR3-CI-TF-182TC-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	-
Locked Rotor Current	16.9824	-
Start Capacitor	-	
Start Capacitor V	-	
Run Capacitor	-	
Run Capacitor V	-	
Number of Leads	9	
Connection	YY/Y	
Coil Resistance	-	
Load	**Efficiency %**	**P.F.**
50%	-	-
75%	-	-
100%	-	-
FULL LOAD TEMPERATURE RISE		
FL Temp Rise °C	-	-
3D Image Link		
Not available for this motor		

GENERAL DATA	
Frame Size	182TC
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	93.7125
MECHANICAL DATA	
DE Bearing	6306ZZ
NDE Bearing	6306ZZ
dB No-Load	-
Rotor Wk², Lb-Ft²	-
Comp Ring (wavey washer)	-

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

Techtop Industries
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Peachtree Corners, GA 30071
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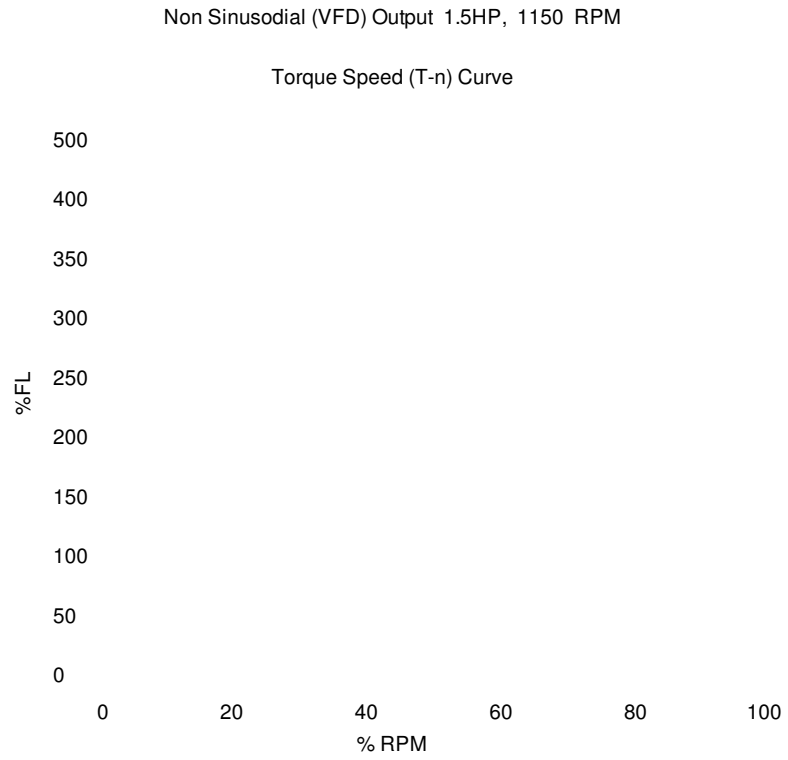

Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values	
Locked Rotor Torque	17.6977	269.0	Start Configuration	-
Pull-Up Torque	-	-	Starting Current (A)	-
Breakdown Torque	12.6318	192.0	No-Load Current (A)	-
Full Load	6.57905	100.0	No-Load Power Factor	-

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	1.57	-	-	-	-
25	0.375	-	-	-	-	-
50	0.75	-	-	-	-	-
75	1.125	-	-	-	-	-
100	1.5	-	-	-	-	-
125	1.875	-	-	-	-	-

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