



Model Number GR3-CI-TF-182TC-6-B-D-1.5-230|460-60

MFG PN TFC182T1.5U6B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data		General Data	
Rated Motor Output Power	1.5 HP	Frame Size	182
Rated Motor Speed	1175 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	103
Rated Motor Current	4.8/2.4 Amps	NEMA Design	B
Service Factor	1.25	IP Rating	55
KVA Code	L	Insulation Class	F
Nominal Efficiency	87.5 %	Tropicalization	YES
Nominal Power Factor	0.66 cos θ	Duty	Cont.
Full Load Torque Ft-Lb	6.616272 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	20.7	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	
Locked Rotor	-	256	17.12	Rated Altitude (M)	1000
Breakdown	-	362	-	Coating	7024 - Graphite Grey
Pull Up	-	196	-	Shaft Grounding	NO
125% of FL	1173	-	2.7	Brake Voltage (DC)	
75% of FL	1185	-	2	Brake Torque (N-M)	
50% of FL	1190	-	1.83	Mechanical Data	
No Load	1199	-	1.62	Bearing DE Side	6306ZZ

Hazardous Location	Class 1, Div 2, Grp A,B,C,D		Bearing NDE Side	6306ZZ
			Moment of Inertia	kg.m2
			Noise Level	Per NEMA dB (A)

CT VFD Range		--	Loaded Torque Curves	
			P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cos ϕ = Power Factor	

Certifications	UL	CSA	DOE
File Numbers	323353	224693	096A

Wiring Diagram	3PH 9 Lead Dual Voltage
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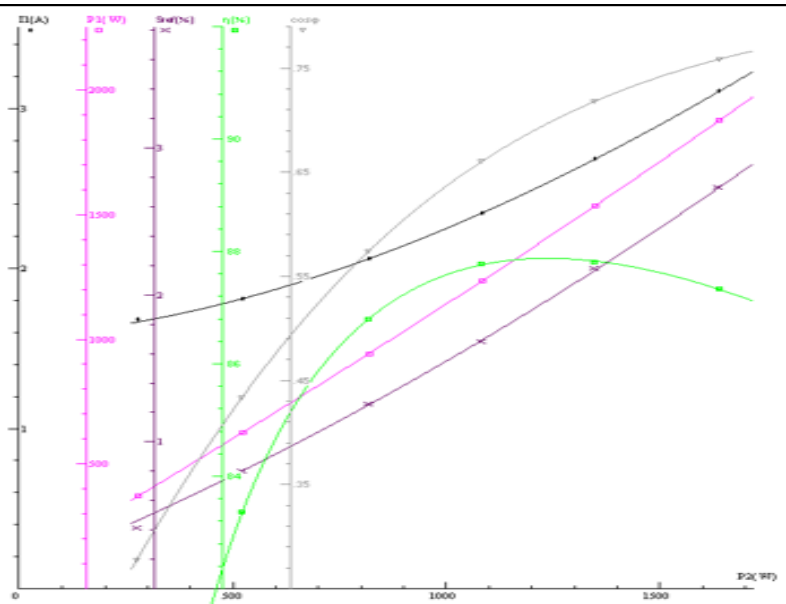
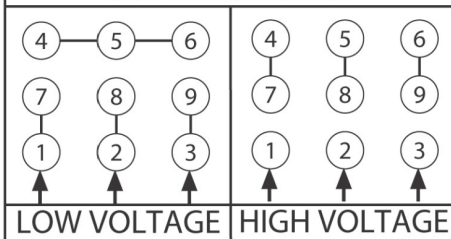
3 Phase - YY/Y - 9 Lead

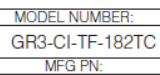
4,1 Blue / 5,2 White / 6,3 Org / 7 Yl / 8 Blk / 9 RD

Cast Iron- 1,2,3 Top - 4,5,6,7,8,9 Bottom

Aluminum - 4,5,6,8,9 Top - 1,2,3,7 Bottom

CONNECTIONS



[illegible]

REV.	BY	DATE
1		
2		
3		
4		
5		
6		
7		

CHANGES

MATERIAL:	
UNITS: INCH	BY: SSEE
DRAWN: 6/18/2018	
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