



<b>Model Number</b>	GR3-CI-TF-145T-4-B-D-1.5-230 460-60
<b>MFG PN</b>	TFC145T1.5U4B
<b>List Price</b>	--

All data shown at HIGH voltage setting

Format | STD 3 Phase

Electrical Data		General Data	
Rated Motor Output Power	1.5 HP	Frame Size	145
Rated Motor Speed	1740 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	47.52
Rated Motor Current	4.4/2.2 Amps	NEMA Design	B
Service Factor	1.25	IP Rating	55
KVA Code	L	Insulation Class	F
Nominal Efficiency	86.5 %	Tropicalization	YES
Nominal Power Factor	0.75 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	4.4256 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	36.8	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

Load Data	RPM	Trq %FL	Current Amps	Mechanical Data	
Locked Rotor	-	311	16.74	Bearing DE Side	6205ZZ
Breakdown	-	351	-	Bearing NDE Side	6205ZZ
Pull Up	-	216	-	Moment of Inertia	kg.m2
125% of FL	1732	-	2.5	Noise Level	Per NEMA dB (A)
75% of FL	1762	-	1.75		
50% of FL	1775	-	1.47		
No Load	1796	-	1.19		

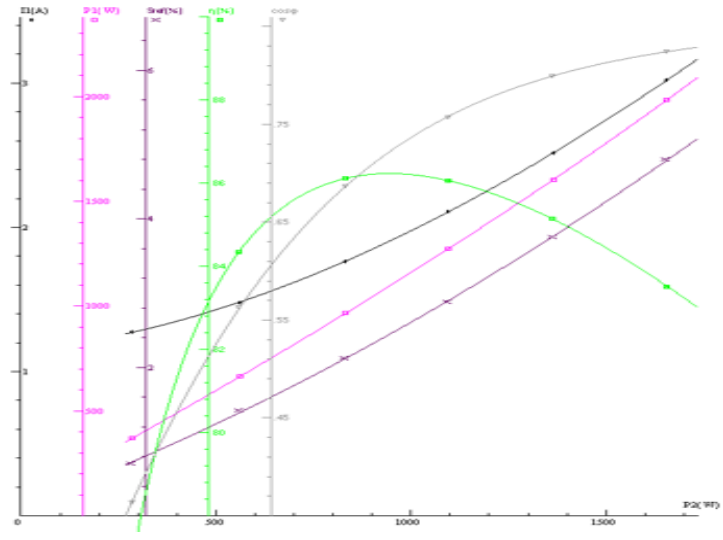
Hazardous Location	Class 1, Div 2, Grp A,B,C,D		Rated Ambient (°C)	40
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CT VFD Range	--	<b>Loaded Torque Curves</b>		--
$P1 = \text{INPUT POWER (KW)}$ , $S = \text{Slip (\% of Sync RPM)}$ , $\eta = \text{Efficiency (\%)}$ , $\cos\phi = \text{Power Factor}$				

Certifications	UL	CSA	DOE
File Numbers	323353	224693	096A
Wiring Diagram	3PH 9 Lead Dual Voltage		

**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					
4	5	6	4	5	6
7	8	9	7	8	9
1	2	3	1	2	3
LOW VOLTAGE			HIGH VOLTAGE		



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Base Frame	GR-145T-CI-TF

