



Model Number GR3-CI-TF-286TC-4-BR-D-30-230|460-60

MFG PN TFC286T30U4B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data		General Data	
Rated Motor Output Power	30 HP	Frame Size	286
Rated Motor Speed	1775 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	426
Rated Motor Current	69.8/34.9 Amps	NEMA Design	BE
Service Factor	1.25	IP Rating	55
KVA Code	K	Insulation Class	F
Nominal Efficiency	93.6 %	Tropicalization	YES
Nominal Power Factor	0.86 cos θ	Duty	Cont.
Full Load Torque Ft-Lb	88.95456 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	59.6	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

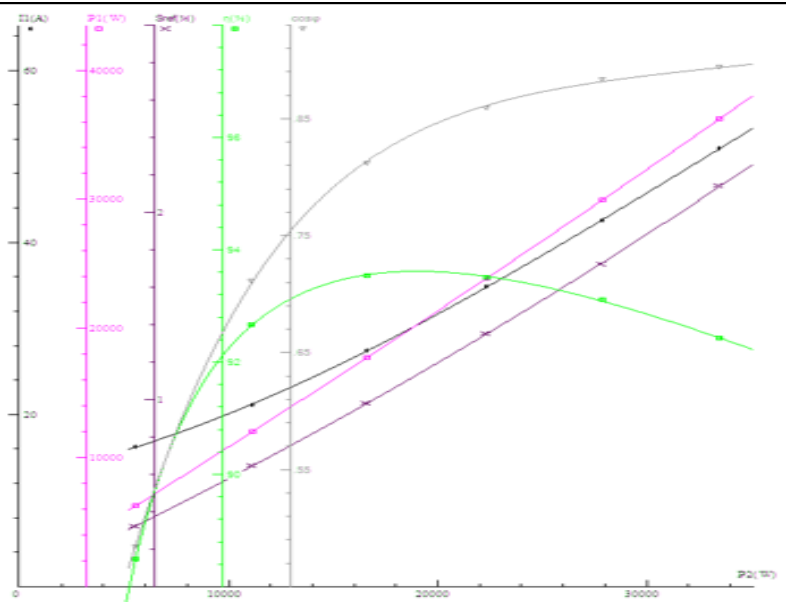
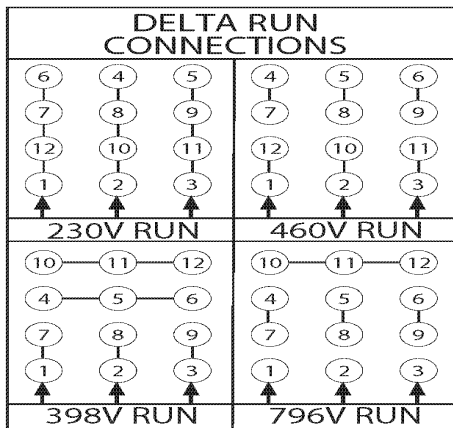
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	
Locked Rotor	-	298	329.5	40	
Breakdown	-	364	-	Rated Altitude (M)	
Pull Up	-	214	-	1000	
125% of FL	1769	-	42.62	Coating	
75% of FL	1782	-	27.52	7024 - Graphite Grey	
50% of FL	1788	-	21.25	Shaft Grounding	
No Load	-	-	14.41	NO	
				Mechanical Data	
				Bearing DE Side	6311 C3
				Bearing NDE Side	6311 C3
				Moment of Inertia	kg.m2
				Noise Level	Per NEMA dB (A)

Hazardous Location	Class 1, Div 2, Grp A,B,C,D				
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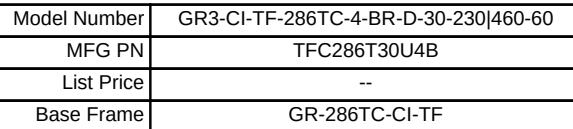
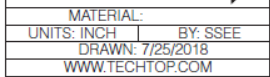
CT VFD Range		--	Loaded Torque Curves	
			P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cos ϕ = Power Factor	

Certifications	UL	CSA	DOE
File Numbers	323353	224693	096A

Wiring Diagram	3PH 12 Lead Dual Voltage		
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Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540

[illegible]

MODEL NUMBER:	REV.	BY	DATE	CHANGES
GR3-CI-TF-286TC	1			
	2			
MFG PN:	3			
	4			
	5			
	6			
	7			

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