



Model Number GR3-CI-TF-286TC-4-BR-F-30-575-60

MFG PN T286T30U4B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data

General Data

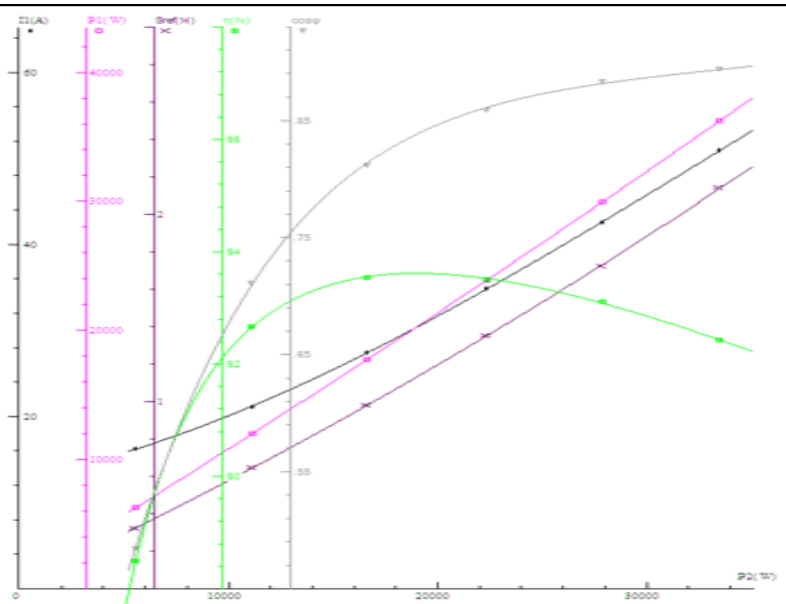
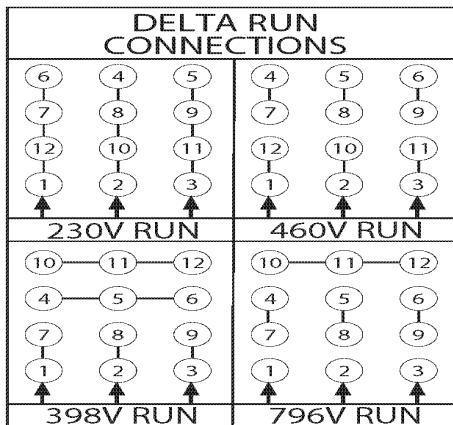
Rated Motor Output Power	30 HP	Frame Size	286
Rated Motor Speed	1775 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	575-60 Volts - HZ	Approximate Weight	396
Rated Motor Current	27.92 Amps	NEMA Design	A
Service Factor	1.25	IP Rating	55
KVA Code	K	Insulation Class	F
Nominal Efficiency	93.6 %	Tropicalization	YES
Nominal Power Factor	0.86 cos ϕ	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)	40
Locked Rotor	-	298	264	Rated Altitude (M)	1000
Breakdown	-	364	-	Coating	7024 - Graphite Grey
Pull Up	-	214	-	Shaft Grounding	NO
125% of FL	1769	-	34	Brake Voltage (DC)	--
75% of FL	1782	-	22	Brake Torque (N-M)	--
50% of FL	1788	-	17	Mechanical Data	
No Load	--	-	11.52	Bearing DE Side	6311 C3

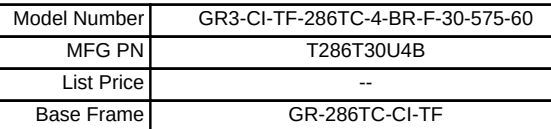
Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing NDE Side	6311 C3
				Moment of Inertia	-- kg.m2
				Noise Level	Per NEMA dB (A)

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 12 Lead Dual Voltage		



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