



Model Number	GX3-AL-TF-215TC-6-B-D-5-230 460-60
MFG PN	T215T5U6B
List Price	--

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data		General Data	
Rated Motor Output Power	5 HP	Frame Size	215
Rated Motor Speed	1170 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	--
Rated Motor Current	14.2/7.1 Amps	NEMA Design	A
Service Factor	1.25	IP Rating	55
KVA Code	J	Insulation Class	F
Nominal Efficiency	89.5 %	Tropicalization	YES
Nominal Power Factor	0.76 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	22.3647696 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	44	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

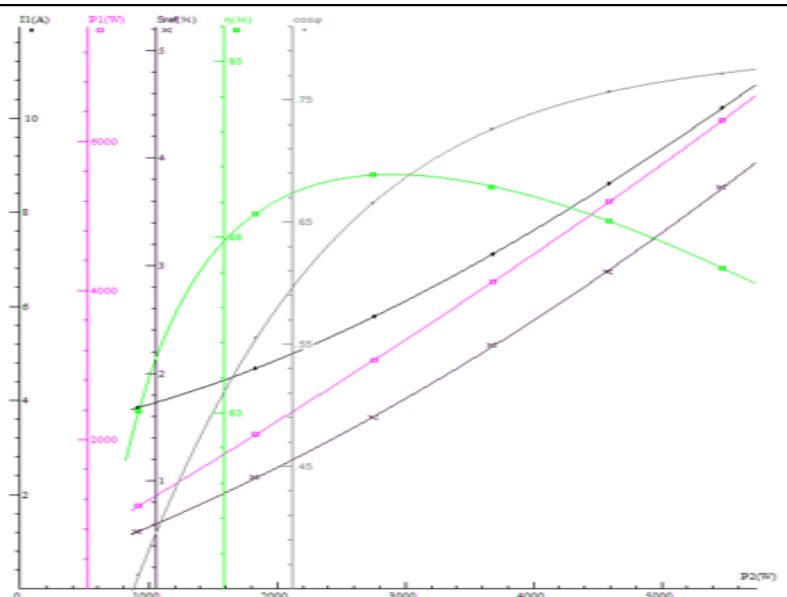
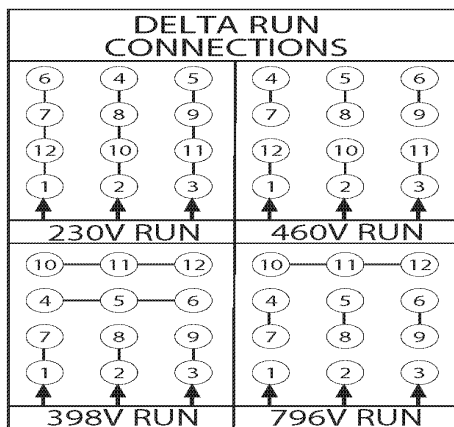
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	
Locked Rotor	-	240	48.76	Rated Altitude (M)	1000
Breakdown	-	290	-	Coating	7024 - Graphite Grey
Pull Up	-	186	-	Shaft Grounding	Yes
125% of FL	1164.1	-	8.67	Brake Voltage (DC)	--
75% of FL	1180.6	-	5.807	Brake Torque (N-M)	--
50% of FL	1187.6	-	4.7009	Mechanical Data	
No Load	--	-	3.5	Bearing DE Side	6308ZZ

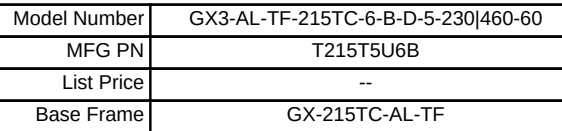
Hazardous Location	Class 1, Div 2, Grp A,B,C,D		Bearing NDE Side	6308ZZ
			Moment of Inertia	-- kg.m2
			Noise Level	Per NEMA dB (A)

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

Certifications	UL	CSA	DOE
File Numbers	323353	224693	096A

Wiring Diagram	3PH 12 Lead Dual Voltage
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Technical drawing of the 1000 Series 1/2 HP Motor, showing front, side, and end views with dimensions in inches.

Front View Dimensions:

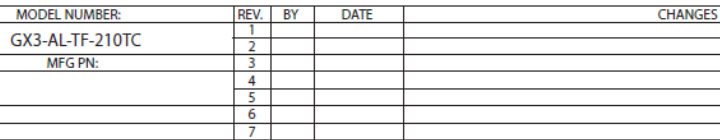
- Overall Width: 19
- Overall Height: 10.3
- Base Width: 8.85
- Base Height: 7
- Motor Body Width: 5.5
- Motor Body Height: 5.1
- Terminal Box Width: 3.5
- Terminal Box Height: 3.375
- Shaft Diameter: $\varnothing 0.85$
- Shaft Length: 2.41
- Shaft Flange Thickness: 0.25
- Shaft Flange Diameter: $\varnothing 1.375$
- Shaft Flange Height: 1.201
- Shaft Flange Hole Diameter: 0.312×0.312
- Terminal Box Mounting Hole Diameter: $\varnothing 0.725$
- Terminal Box Mounting Hole Spacing: $4 \times 1/2 - 13 \text{ UNC}$
- Terminal Box Mounting Hole Angle: 45°
- Terminal Box Mounting Hole Diameter: $\varnothing 0.725$
- Terminal Box Mounting Hole Spacing: $1 - 11 1/2 \text{ NPT}$

Side View Dimensions:

- Overall Width: 10.3
- Overall Height: 10.4
- Base Width: 8.5
- Base Height: 5.25
- Motor Body Width: 6.1
- Motor Body Height: 7.4
- Terminal Box Width: 4.25
- Terminal Box Height: 0.63
- Shaft Diameter: $\varnothing 0.85$
- Shaft Length: 2.41
- Shaft Flange Thickness: 0.25
- Shaft Flange Diameter: $\varnothing 1.375$
- Shaft Flange Height: 1.201
- Shaft Flange Hole Diameter: 0.312×0.312
- Terminal Box Mounting Hole Diameter: $\varnothing 0.725$
- Terminal Box Mounting Hole Spacing: $4 \times 1/2 - 13 \text{ UNC}$
- Terminal Box Mounting Hole Angle: 45°
- Terminal Box Mounting Hole Diameter: $\varnothing 0.725$
- Terminal Box Mounting Hole Spacing: $1 - 11 1/2 \text{ NPT}$

End View Dimensions:

- Overall Width: 10.3
- Overall Height: 10.4
- Base Width: 8.5
- Base Height: 5.25
- Motor Body Width: 6.1
- Motor Body Height: 7.4
- Terminal Box Width: 4.25
- Terminal Box Height: 0.63
- Shaft Diameter: $\varnothing 0.85$
- Shaft Length: 2.41
- Shaft Flange Thickness: 0.25
- Shaft Flange Diameter: $\varnothing 1.375$
- Shaft Flange Height: 1.201
- Shaft Flange Hole Diameter: 0.312×0.312
- Terminal Box Mounting Hole Diameter: $\varnothing 0.725$
- Terminal Box Mounting Hole Spacing: $4 \times 1/2 - 13 \text{ UNC}$
- Terminal Box Mounting Hole Angle: 45°
- Terminal Box Mounting Hole Diameter: $\varnothing 0.725$
- Terminal Box Mounting Hole Spacing: $1 - 11 1/2 \text{ NPT}$



Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540