



Model Number GX3-AL-TF-213TC-2-B-D-7.5-230|460-60

MFG PN T213T7.5U2B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data				General Data												
Rated Motor Output Power		7.5 HP		Frame Size	213											
Rated Motor Speed		3520 r/min		Enclosure	TEFC											
Rated Motor Voltage (3 Phase)		230 460-60 Volts - HZ		Approximate Weight	126.28											
Rated Motor Current		17.0/8.48 Amps		NEMA Design	A											
Service Factor		1.25		IP Rating	55											
KVA Code		K		Insulation Class	F											
Nominal Efficiency		89.5 %		Tropicalization	YES											
Nominal Power Factor		0.91 cosθ		Duty	Cont.											
Full Load Torque Ft-Lb		11.1517744 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)	40											
Locked Rotor	-	257	80.91	Rated Altitude (M)	1000											
Breakdown	-	365	-	Coating	7024 - Graphite Grey											
Pull Up	-	175	-	Shaft Grounding	YES											
125% of FL	3500	-	10.56	Brake Voltage (DC)												
75% of FL	3543.4	-	6.5421	Brake Torque (N-M)												
50% of FL	3562.8	-	4.8079	Mechanical Data												
No Load		-	2.562	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 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 <table><tr><td> 4 7 1 </td><td> 5 8 2 </td><td> 6 9 3 </td></tr><tr><td>↑</td><td>↑</td><td>↑</td><td>↑</td><td>↑</td></tr><tr><td colspan="3">LOW VOLTAGE</td><td colspan="2">HIGH VOLTAGE</td></tr></table>						4 7 1	5 8 2	6 9 3	↑	↑	↑	↑	↑	LOW VOLTAGE		
4 7 1	5 8 2	6 9 3														
↑	↑	↑	↑	↑												
LOW VOLTAGE			HIGH VOLTAGE													

FRAME: 210TC HP: RPM: PHASE: 3 VOLT: 208-230/460V ENCL: TEFC FREQ: 60 Hz FLA: LRA:

