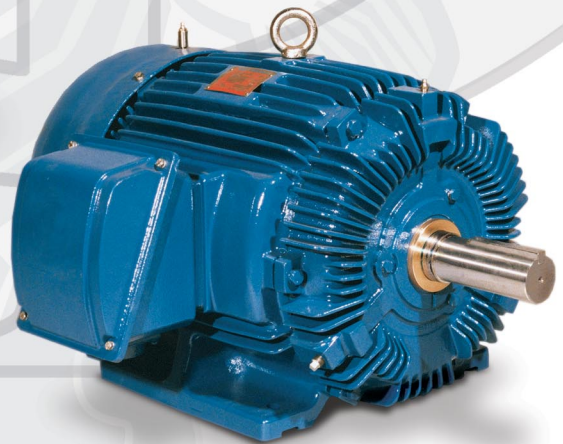


TECO

GA7200



- ▲ General Purpose AC Inverter
- ▲ Low Cost V/Hz Design
- ▲ Proven Reliability
- ▲ UL/cUL/CE Approved
- ▲ 230V Series 15 - 100HP
460V Series 15 - 450HP



PRODUCT SPECIFICATIONS

230V SERIES																
Model #GA7200-XXXX-N1		2015	2020	2025	2030	2040	2050	2060	2075	2100						
Output Characteristics	Nominal Motor Out Put HP (KW)	15 (11)	20 (15)	25 (18.5)	30 (22)	40 (30)	50 (37)	60 (45)	75 (55)	100 (75)						
	Inverter Capacity (KVA)	20.6	27.4	34	41	54	68	78	96	128						
	Rated Out Put Current (A)	48	64	80	96	130	160	183	224	300						
	Maximum Voltage	3-Phase, 200/208/220/230V (Proportional to input voltage)														
	Rated Output Frequency	Up to 400Hz available														
Power Supply	Rated Input Voltage and Frequency	3-Phase, 200/208/220/230V, 50/60Hz														
	Voltage Fluctuation	+10% ~ -15%														
	Frequency Fluctuation	±5%														
460V SERIES																
Model #GA7200-XXXX-N1		4015	4020	4025	4030	4040	4050	4060	4075	4100	4125	4150	4200	4250	4350	4450
Output Characteristics	Nominal Motor Out Put HP (KW)	15 (11)	20 (15)	25 (18.5)	30 (22)	40 (30)	50 (37)	60 (45)	75 (55)	100 (75)	125 (90)	150 (110)	200 (160)	250 (185)	350 (264)	450 (330)
	Inverter Capacity (KVA)	20.6	27.4	34	41	54	68	82	110	138	180	195	260	290	385	514
	Rated Out Put Current (A)	24	32	40	48	64	80	96	128	165	210	224	300	340	450	600
	Maximum Voltage	3-Phase, 380/400/415/440/460V (Proportional to input voltage)														
	Rated Output Frequency	Up to 400Hz available														
Power Supply	Rated Input Voltage and Frequency	3-Phase, 380/400/415/440/460V, 50/60Hz														
	Voltage Fluctuation	+10% ~ -15%														
	Frequency Fluctuation	±5%														
Control Characteristics	Frequency Control Range	0.1 to 400Hz (Sine wave PWM)														
	Frequency Accuracy	Digital command: 0.01%, Analog command: 0.1%														
	Frequency Setting Resolution	Digital operator reference: 0.01Hz, Analog reference: 0.06Hz/60Hz														
	Output Frequency Resolution	0.01Hz (1/30000)														
	Overload Capacity	150% rated output current for one minute														
	Frequency Setting Signal	0 ~ 10VDC (20K Ω), 4 ~ 20mA (250 Ω), 0 ~ ± 10VDC (option)														
	Accel/Decel Time	0.1 to 6000 seconds (Independent Accel/Decel time settings)														
	Braking Torque	Approximately 20%														
Number of V/F Patterns	15 preset V/F patterns, 1 custom V/F pattern															
Protective Functions	Motor Overload Protection	Electronic thermal overload relay														
	Instantaneous Overcurrent	Motor coasts to a stop at approximately 200% of rated output current (based on standard 4 pole motor)														
	Fuse Protection	Motor coasts to a stop at blown fuse														
	Overload	Motor coasts to a stop after 1 minute at 150% of rated output current														
	Overvoltage (460V Series)	Motor coasts to a stop if inverter output voltage exceeds 800VDC														
	Overvoltage (230V Series)	Motor coasts to a stop if inverter output voltage exceeds 400VDC														
	Undervoltage (460V Series)	Motor coasts to a stop if inverter output voltage drops to 420VDC or below														
	Undervoltage (230V Series)	Motor coasts to a stop if inverter output voltage drops to 210VDC or below														
	Momentary Power Loss	Motor coasts to a stop after momentary power loss lasting over 15ms (time-setting made before shipment)														
	Fin Overheat	Thermostat														
	Stall Prevention	Stall prevention at acceleration/deceleration and constant speed operation														
	Ground Fault	Provided by electronic circuit														
Power Charge Indication	Charge lamp stays ON until bus voltage drops below 50VDC															
Environmental Conditions	Location	Indoor (protected from corrosive gases and dust)														
	Ambient Temperature	+14 to 104°F (-10 to 40°C) (not frozen)														
	Storage Temperature	-4 to 140°F (-20 to 60°C)														
	Humidity	90% RH (non-condensing)														
	Vibration	9.8m/s ² (1G) at 10 to 20Hz, up to 1.96m/s ² (0.2G) at 20 to 50Hz														
Communication Function	RS-485 SC-C Communication Card (option)															
UL Standard	200HP and below															
CSA Standard	250HP and above															



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