

GT1200 INVERTER DUTY AC MOTOR

Manufactured by GlobalTech Motor & Controls, Inc.

GlobalTech Motor & Controls manufactures the GT1200 in Pasadena Texas, utilizing the highest quality materials available in the industry. Our goal is to manufacture the most reliable products in the industry. With 35 years of rebuilding and rewinding experience, we have seen the strengths and weaknesses inherent in different motor designs and have used that knowledge to build one of the finest motors available.



GT1200

<u>Performance Ratings</u>	<u>Continuous</u>
Line Voltage (V)	575
Full Load Current (A) at Base Speed	1084
Full Load Power (KW)	883
Base Frequency (Hz)	40.5
Base Speed (Rpm)	803
Rated Torque (ft-lb)	7770
Speed at Rated Torque (Rpm)	0-803
Speed Range for Rated Power (Rpm)	803-1400
Max Mechanical Speed (Rpm)	3000
Efficiency	97.0
Peak Power (HP)	1800
Peak Torque (ft-lb)	11,650
Peak Current (A)	1,747
Rpm	803
Volts	575
Axial Load Bearing	Deep Groove Ball
Radial Load Bearing	Roller
Poles	6
Winding	Form
Rotar Bar Material	Copper Bar
Insulation Class	H (VPI)
Shaft Alloy	4340
Shaft Extension	Single/Tapered
Winding RTD's	100 OHM Platinum 2/ Phase
IP	44
HUB	Oilfield Type
Pressure Switch	Dwyer (XP)
Encoder	Standard
Cooling Blower	20 HP Stainless Steel Predator
Anti-Condensation Heater	EEXE 150 Watt
Junction Box / Orientation	Standard Stainless Steel / R or L
Junction Box Main Terminals	Bolt-On Copper
Ambient Temperature (C)	-20 to +50
Temp rise (C)	105

STANDARD FEATURES

- Form wound stator coils
- Class H insulation
- Mica Kapton System
- Vacuum Pressure Impregnation
- Single Shaft Extension 4340 alloy
- Copper Alloy Rotor Bars
- (6) 100 Ohm Platinum RTDs on stator winding
- IP56 Stainless steel connection box with copper bus bar connections, XP Lock-out device and XP blower pressure switch
- Terminal strip for RTDs and heater connection in main junction box
- Contaminate removing stainless steel GlobalTech "Predator™" blower rated 20HP, 3600 rpm providing 3900 CFM
- Junction box mounting capability on either side of motor
- IP44 motor enclosure
- New standard Oilfield hub
- Roller bearing design

OPTIONAL FEATURES

- Air to water heat exchanger cooling system
- ABS Certification
- DNV Certification
- Spark arrestor on exhaust cover
- Encoder
- Double shaft extension
- Vertical mount configuration with flange mount

MADE IN THE U.S.A.

