



FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION
MANASSAS, VIRGINIA 20110

Model No. 33-048
Type 38-A Vertical Frequency Converter

1.0 INPUT:

- 1.1 Motor: Reliance, Induction, Stator And Rotor, Frame Size 254T: 7.5 H.P.,
3 Phase, 50 Hz, 220/380V, 6 Wire, 1450 RPM (Nom.), Georator P/N 18-449
- 1.2 Input Current: 22.5/13 Amperes
- 1.3 Insulation: Class B
- 1.4 Maximum Ambient Temperature: 50 Degree C
- 1.5 Duty: Continuous

2.0 OUTPUT:

- 2.1 Rating: 5 KVA, 100% PF, 3 Phase, 400 Hz (Nom.), 115/200V Or 115V (Nom.)
- 2.2 Output Voltage, No Load: 124V +-1V L-N
- 2.3 Output Current: 25/14.5 Amperes
- 2.4 Insulation: Class B
- 2.5 Maximum Ambient Temperature: 50 Degree C
- 2.6 Duty: Continuous
- 2.7 Dielectric Strength, Winding To Frame: 1500V For 1 Minute

3.0 VIBRATION: Within 0.0015

4.0 BEARINGS: Shielded Life Time Lubricated Motor Bearings

5.0 FINISH:

- 5.1 Primer: Alkyd, Red Iron Oxide, Fed Std TT-P-664D
- 5.2 Paint: Silver-Blue Enamel

6.0 WEIGHT:

- 6.1 Net: 286 Lbs.
- 6.2 Shipping: 336 Lbs.

Revision Letter	Date	Revision Description
A	4/4/77	Revised for reliance Motor
B	8/97	Item 5.1 was Zinc-Chromate
ENGINEER	M.T.E.	
APPROVED BY		April 20, 1998