



FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION
 MANASSAS, VIRGINIA 20110

Model No. 33-167

Type 38-A Vertical Frequency Converter

1.0 INPUT:

- 1.1 Motor: Siemens, Synduction, Rotor and Stator, Frame G250BB; 7.5 H.P., 3 Phase, 50 Hz, 220/380V, 6 Wire, 1500 RPM; Georator P/N 18-571
- 1.2 Input Current: 38/22 Amperes
- 1.3 Insulation: Class B
- 1.4 Maximum Ambient Temperature: 40⁰C
- 1.5 Duty: Continuous

2.0 OUTPUT:

- 2.1 Rating: 5 KVA, 100% PF, 3 Phase, 400 Hz, 115/200V Wye or 115V Delta (Nom.)
- 2.2 Output Voltage, No Load: 124V +/-1V L-N
- 2.3 Output Current: 14.4/25 Amperes
- 2.4 Insulation: Class B
- 2.5 Maximum Ambient Temperature: 40⁰C
- 2.6 Duty: Continuous
- 2.7 Dielectric Strength, Windings to Frame: 1500V For 1 Minute

3.0 VIBRATION: Within 0.0015

4.0 BEARINGS: Shielded Life Time Lubricated

5.0 FINISH:

- 5.1 Primer: Mod Alkyd Resin Red. Fed Std TT-P-664D.
- 5.2 Paint: Standard Blue Hammertone

6.0 APPROX. WEIGHT:

- 6.1 Net: 330 Lbs.
- 6.2 Shipping: 390 Lbs.

Revision Letter	Date	Revision Description
ENGINEER		M.T.E.
APPROVED BY		April 20, 1998