



FREQUENCY CONVERTER SPECIFICATION  
GEORATOR CORPORATION  
MANASSAS, VIRGINIA 20110

**Model No. 30-019-1**  
**Type 18-A Unit Shell Frequency Converter**

1.0 INPUT:

- 1.1 **Motor:** AC Induction, Rotor and Stator, To Rate 2.25 H.P., 3 Phase, 60 Hz, 208-220/440V, 1760 RPM (Nom.), Georator P/N 18-034-R
  - 1.1.1 Input Current: 7.8/3.9 Amperes At Full Load
  - 1.1.2 Insulation Class: B
  - 1.1.3 Max. Ambient Temp: 50°C
  - 1.1.4 Duty: Continuous

2.0 OUTPUT:

- 2.1 **Rating:** 1.5 kVA, 100% PF, 3 Phase, 400 Hz (Nom.), 220V (Nom.) 3 Wire Delta
- 2.2 Output Voltage, No Load: Approximately 230 ±2V
- 2.3 Output Frequency: 420Hz @ N.L., 410Hz Min. @ F.L.
- 2.4 Output Current: 3.9 Amperes
- 2.5 Insulation Class: B
- 2.6 Duty: Continuous
- 2.7 Maximum Ambient Temperature: 50°C
- 2.8 Dielectric Strength, Winding To Frame: 1500 V For 1 Min.

3.0 VIBRATION: Within 0.001"

4.0 BEARINGS: Shielded Lift Time Lubricated

5.0 FINISH:

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

6.0 APPROX. WEIGHT:

- 6.1 Net: 115 Lbs.
- 6.2 Shipping: 150 Lbs.

Rev. Letter	Date	Revision Description
ENGINEER	M.T.E.	
APPROVED BY		May 25, 1999