

FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION
MANASSAS, VIRGINIA 20110

Model No. 33-006-5
Type 22-A Vertical Frequency Converter

1.0 INPUT:

- 1.1 **Motor:** AC Induction, Reliance Rotor and Stator, Frame 254T, 15 H.P., 3 Phase, 60 Hz, 220/440V ($\pm 10\%$), 1760 RPM (Nom. F.L.), Georator P/N 18-318
 - 1.1.1 Input Current: 40/20 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:** 10 kVA, 100% PF, 3 Phase, 400 Hz (Nom.), 240/416V (Wye) Nom., Or 240V (Delta) Nom.
- 2.2 Output Voltage, No Load: 446V \pm 5V L-L
- 2.3 Output Frequency Tolerance (Approx.): 420Hz No Load, To 410Hz Full Load
- 2.4 Output Current: 13.8/24 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 0.0015"

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

6.0 APPROX. WEIGHT:

- 6.1 Net: 327 Lbs.
- 6.2 Shipping: 366 Lbs.

Rev. Letter	Date	Revision Description
ENGINEER	M.T.E.	
APPROVED BY	November 10, 1998	