

FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION
 MANASSAS, VIRGINIA 20110

Model No. 33-223
 Type 25-A Vertical Frequency Converter

1.0 INPUT:

- 1.1 Motor: AC Induction, Reliance Rotor and Stator, Frame 286, 30 H.P., 3 Phase, 60 Hz, 220/440V, 1750 RPM (Nom.), Georator P/N 18-547
- 1.2 Input Current: 78/39 Amperes At Full Load
- 1.3 Insulation Class: B
- 1.4 Max. Ambient Temp: 50°C
- 1.5 Duty: Continuous

2.0 OUTPUT:

- 2.1 Rating: 20 kVA, 100% PF, 3 Phase, 400 Hz (Nom.), 240V (Nom.) L-L Wye Connected
- 2.2 Output Voltage, No Load: 150V ± 2V L-N
- 2.3 Output Current: 48 Amperes
- 2.4 Insulation Class: B
- 2.5 Duty: Continuous
- 2.6 Maximum Ambient Temperature: 50°C
- 2.7 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
- 5.3 Fasteners: Plated

6.0 APPROX. WEIGHT:

- 6.1 Net: 500 Lbs.
- 6.2 Shipping: 575 Lbs.

Revision Letter	Date	Revision Description
ENGINEER		M.T.E.
APPROVED BY		December 5, 1997