



FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION
MANASSAS, VIRGINIA 20110

Model No. 30-221
Type 19-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, 1750 RPM (Nom.), Georator P/N 18-034-R
 - 1.1.1 Input Current: 9.8/4.9 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, 1 Phase, 400 Hz (Nom.), 460V Nom.
- 2.2 Output Voltage, No Load: Approximately 498
- 2.3 Output Current: 3.3 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 0.001"

4.0 BEARINGS: Shielded Life 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
A	2-28-89	Spec re-typed, Original Date 4-22-74
B	12-14-98	Spec re-typed, Motor was Peerless 18-045
ENGINEER		M.T.E.
APPROVED BY		December 14, 1998