



FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION
MANASSAS, VIRGINIA 20110

Model No. 30-008
Type 19-A Unit Shell Frequency Converter

1.0 INPUT:

- 1.1 **Motor:** Reliance Rotor & Stator; 4.5 HP, 3-Phase, 60 Hz, 208-220/440V, 1760 RPM (Nom.), Induction Type, Georator P/N 18-014-R
- 1.2 Input Current At Full Load: 14.2/7.1 Amperes
- 1.3 Insulation: Class B
- 1.4 Maximum Ambient Temperature: 50°C.
- 1.5 Duty: Continuous

2.0 OUTPUT:

- 2.1 **Generator:** Permanent Magnet, 3.0 kVA, 100% P.F., 3-Phase, 400 Hz Nom, 115/200V or 115 (Nom.)
- 2.2 Output Voltage - No Load: 124V \pm 1V L-N
- 2.3 Output Frequency: 420 Hz @ N.L. to 410 Hz Min. @ F.L.
- 2.4 Output Current: 15.0/8.6 Amps
- 2.5 Insulation: Class B
- 2.6 Maximum Ambient Temperature: 50 Deg. C
- 2.7 Duty: Continuous
- 2.8 Dielectric Strength: Winding to Frame 1500V for 1 Minute

3.0 VIBRATION:

- 3.1 Within .001 Inches

4.0 BEARINGS:

- 4.1 Shielded - Life Time Lubricated

5.0 FINISH:

- 5.1 Primer: Modified Alkyd Resin, Fed Std. TT-P-664D
- 5.2 Paint: Silver-Blue Enamel
- 5.3 Fasteners: Steel, Zinc Plated

6.0 APPROX. WEIGHT:

- 6.1 Net: 150 Lbs.
- 6.2 Shipping 173 Lbs..

Revision Letter	Date	Revision Description
-		
A	2-16-73	Changed Outline Dwg from #23-026 to #23-573
B	4-5-93	Changed Motor from Peerless Motor
C	11-14-00	Changed Net and Ship Weights
ENGINEER		J.M.
APPROVED BY		April 7, 1993