



FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION
 MANASSAS, VIRGINIA 20110

Model No. 30-270
 Type 14-A Unit Shell Frequency Converter

1.0 INPUT:

- 1.1 Motor, Stator & Rotor: 3/4 HP, 3 Phase, 60 Hz, 220/440V, 3500 RPM (Nom.), Induction Type; Georator P/N 18-004
- 1.2 Input Current: 3.2/1.6 Amperes
- 1.3 Insulation: Class B
- 1.4 Temperature Rise: 40°C
- 1.5 Duty: Continuous

2.0 OUTPUT:

- 2.1 Rating: A - 0.40 KVA, 100% P. F., I Phase, 400 Hz (Nom.), 115 VAC (Nom.)
 B - 0.05 KVA, 100% P. F., 1 Phase, 400 Hz (Nom.), 26 +/-1V @ F.L.
- 2.2 Output Voltage, No Load: A - 124 +/-1V
 B - 27 +/-0.5V
- 2.3 Output Current: A - 3.5 Amperes
 B - 1.9 Amperes
- 2.4 Insulation: Class B
- 2.5 Temperature Rise: 40°C Max.
- 2.6 Dielectric Strength, Winding To Frame: 1500V For 1 Min.

3.0 VIBRATION: Within 0.001

4.0 BEARINGS: Shielded Life Time Lubricated

5.0 FINISH:

- 5.1 Primer: Modified Alkyd Resin, Red, fed std TT-P-664D
- 5.2 Paint: Silver-Blue Enamel
- 5.3 Fasteners: Plated

6.0 WEIGHT:

- 6.1 Net: 51 Lbs.
- 6.2 Shipping: 64 Lbs.

Revision Letter	Date	Revision Description
ENGINEER	M.T.E.	
APPROVED BY		April 20, 1998



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