



FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION
MANASSAS, VIRGINIA 20110

Model No. 30-298

Type 14-A Unit Shell Frequency Converter

1.0 INPUT:

- 1.1 Motor: Stator And Rotor: Peerless, 3/4 HP, 3 Phase, 60 Hz, 575V +/-10%, 3 Wire, 3500 RPM (Nom.); Induction Type, Georator P/N 18-645
- 1.2 Input Current: 1.3 Amperes
- 1.3 Insulation: Class B
- 1.4 Max. Ambient Temperature: 50 Degrees C
- 1.5 Duty: Continuous

2.0 OUTPUT:

- 2.1 Rating: 0.50 KVA, 100% PF, 1 Phase, 400 Hz (Nom.), 460 VAC (Nom.)
- 2.2 Output Voltage, No Load: 480V +/-5V
- 2.3 Output Current: 1.1 Amperes
- 2.4 Insulation: Class B
- 2.5 Max. Ambient Temperature: 50 Degrees C
- 2.6 Dielectric Strength, Winding To Frame: 1500V For 1 Minute

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: Zinc Plated

6.0 APPROXIMATE 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