



FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION
MANASSAS, VIRGINIA 20110

Model No. 30-299-1

Type 14-A Unit Shell Frequency Converter

1.0 INPUT:

- 1.1 Motor: Stator And Rotor: Reliance, 1.1 HP, 3 \emptyset , 60 Hz, 115V L-L, 3 Wire, 3500 RPM (Nom.), Induction Type; Georator P/N 18-648
- 1.2 Input Current: 10.0 Amperes
- 1.3 Insulation: Class B
- 1.4 Max. Ambient Temperature: 65°C
- 1.5 Duty: Continuous

2.0 OUTPUT:

- 2.1 Rating: 0.75 KVA, 100% PF, 3 \emptyset , 400 Hz (Nom.), 115/200V or 115V (Nom.)
- 2.2 Output Voltage, No Load: 123V+/-2V L-N
- 2.3 Output Frequency Tolerance: 420 Hz @ No Load To 408 HzMin. @ Full Load
- 2.4 Output Current: 2.2/3.8 Amperes
- 2.5 Insulation: Class B
- 2.6 Max. Ambient Temperature: 65°C
- 2.7 Duty: Continuous
- 2.8 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: Iridite
- 5.2 Paint: Silver-Blue Enamel
- 5.3 Fasteners: Zinc Plated

6.0 APPROXIMATE WEIGHT:

- 6.1 Net: 53 Lbs.
- 6.2 Shipping: 65 Lbs.

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