



FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION
MANASSAS, VIRGINIA 20110

MODEL NO. 30-185

TYPE 18-A FREQUENCY CONVERTER

1.0 INPUT:

- 1.1 Motor: Reliance Stator & Rotor; 2.25 H.P., 3 Phase, 60 Hz, 220V, 1760 RPM FL, Georator P/N 18-034-1
- 1.2 Input Current: 8.7 Amperes
- 1.3 Insulation: Class B
- 1.4 Max. Ambient Temperature: 50 C
- 1.5 Duty: Continuous

2.0 OUTPUT:

- 2.1 Rating: 1.5 KVA, 100% P.F., 3 Phase, 400 Hz (Nom.) 115/200V (Nom.)
- 2.2 Output Voltage, No Load: 124V (+/-1V) L-N
- 2.3 Output Current: 4.35 Amperes
- 2.4 Insulation: Class B
- 2.5 Max. Ambient Temperature: 50° C
- 2.6 Dielectric Strength, Winding to Frame: 1500V for 1 Min.

3.0 VIBRATION: Within 0.001"

4.0 BEARINGS: Shielded, Extended Life Ball Bearings

5.0 FINISH:

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

6.0 APPROX. WEIGHT:

- 6.1 Net: 115 Lbs.
- 6.2 Shipping: 150 Lbs.

Rev. Letter	Date	Revision Description
A	8-5-03	MOTOR WAS PEERLESS; DELETED HOUSING MARKING NOTE.
ENGINEER		J. RAHAW
APPROVED BY		05/06/2005 WKH