



SPECIFICATION
GEORATOR CORPORATION
MANASSAS, VIRGINIA 20110

Model No. 33-048-1
 Type 38-A Vertical Converter

1.0 INPUT:

- 1.1 220VAC or 380VAC, 3-Phase, 50Hz
- 1.2 22.5A at 220VAC, 13A at 380VAC
- 1.3 1500 RPM Nominal, 7.5 H.P. Motor
- 1.4 Insulation: Class B (80°C rise above 40°C ambient)
- 1.5 Duty: Continuous

2.0 OUTPUT:

- 2.1 5 KVA, 133/230VAC Wye Nominal or 133VAC Delta Nominal, 3-Phase, 400Hz Nominal, 1.0 Power Factor
- 2.2 124VAC L-N, ±1 VAC, ≤ 400Hz, No Load
- 2.3 115/200VAC Nominal, ≥ 380Hz, Full Load
- 2.4 12.5A at 133/230VAC Wye Nominal, 21.7A at 133 VAC Delta Nominal
- 2.5 Insulation: Class B (80°C rise above 40°C ambient)
- 2.6 Duty: Continuous
- 2.7 Dielectric Strength, Winding to Frame: 1500 V for 1 minute

3.0 VIBRATION: Rotor Runout ≤ 0.0015"

4.0 BEARINGS: Shielded Life Time Lubricated

5.0 FINISH:

- 5.1 Primer: Exterior, Chemical Treatment (Iridite), per Mil-C-5541
- 5.2 Primer: Interior (Rotating Parts): Red Iron Oxide Per MIL-P-22332
- 5.3 Paint: Exterior, Blue Hammertone Enamel
- 5.4 Fasteners: Zinc-Plated

6.0 APPROXIMATE WEIGHT:

- 6.1 Net: 286 Lbs.
- 6.2 Shipping: 336 Lbs.

Revision	Date	Revision Description
A	4/4/77	Revised for Reliance motor
B	8/1/97	Was Zinc Chromate, is Alkyd Red Iron Oxide
C	9/17/15	Redrawn, was Reliance motor, is Baldor motor
D	10/9/15	NL and FL Hz corrected
E	2/20/18	Spec corrected, V nominal
ENGINEER	F.M.	
APPROVED BY	GJR	Date 2/20/18