

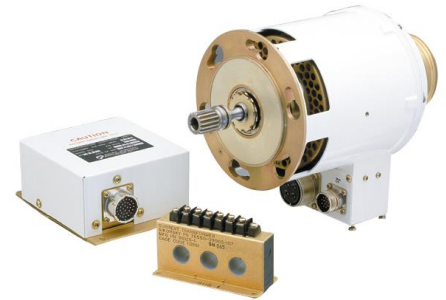


AC Generator Model 5521

Model 5521 Electrical Power Generation System comprises an AC generator, a generator control unit (GCU) and a remote current transformer assembly (CTA).

The 400-hertz, alternating current, three phase, four wire generator is a self-excited, self-cooled, brushless design. The machine incorporates a permanent magnet generator (PMG) and an exciter generator for self-excitation, brushless operation and precise output voltage control.

The GCU regulates the generator voltage and monitors the output of the system. It also controls the system power contactor and provides protective functions to the system, as listed. The current transformer assembly (CTA) is used by the system to protect against situations involving feeder faults and differential line currents.



Specifications

Voltage:

115/200 VAC

Speed Range:

11,100 to 12,900 RPM

Frequency:

400 HZ

Weight:

22.25 lbs

Power factor:

.75 LAG to unity

Ambient:

-55 C to 66 C

Compliance:

- MIL-G-21480A
- MIL-E-5272
- MIL-E-5400
- MIL-E-81910
- MIL-STD-454
- MIL-STD-461
- MS-33543

Overspeed:

15,000 RPM

Efficiency:

80% @ rated load

Rating:

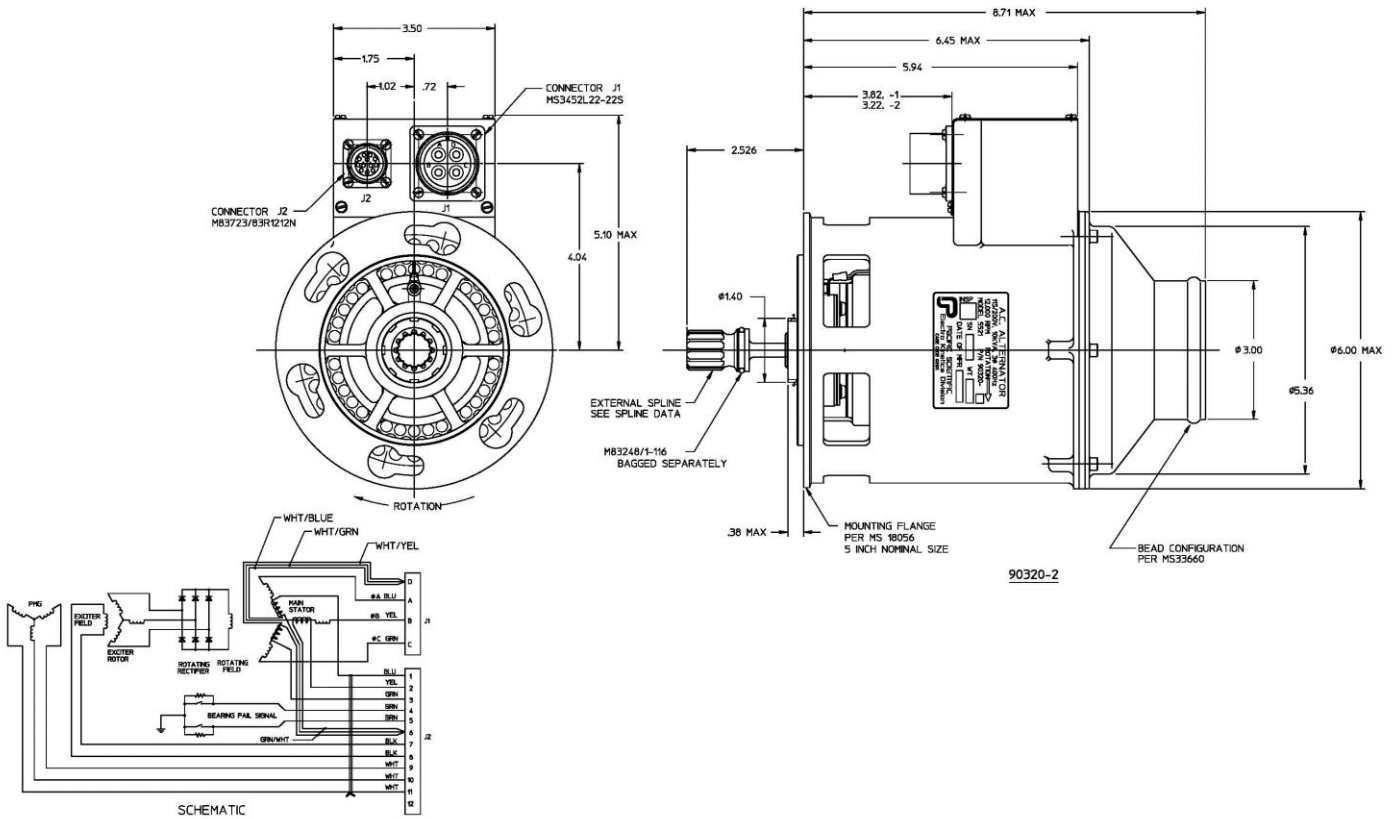
10 KVA

Cooling:

Internal fan

OEKO

Our product competencies and services:
 Permanent magnet alternators | **Permanent magnet generators** | AC/DC brushless starter generators | Aircraft light dimmers
 Power supplies | Magnetics | Sensors | Meters



OECO

4607 SE International Way
 Milwaukie OR 97222
 USA

Tel: +1 (503) 659 5999

www.oeco.com
 www.meggitt.com