VOLTS 12

VENTILATED Yes

RATED OUTPUT 43

BRUSHES 2

CONTROL Voltage Regulator

ROTATION Bi-Directional

BEARINGS

Sealed ball bearing at drive end. Slip ring end is ball bearing with one side sealed. Assemble with sealed side toward rotor.

LUBRICATION

At overhaul, open bearings should be thoroughly cleaned and relubricated with a good grade, ball bearing lubricant.

GROUND POLARITY.

Negative.

ROTOR RESISTANCE

2.1 to 2.5 ohms at 77°F 25°C. Use accurate ohmmeter when measuring resistance.

ROTOR CURRENT DRAW

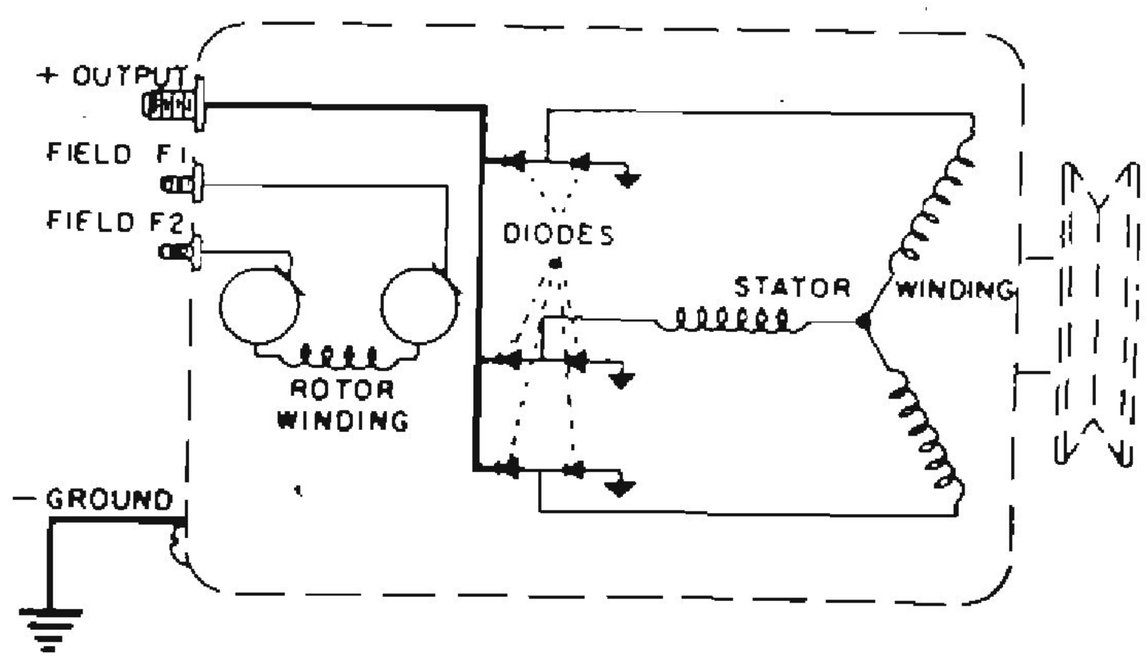
(77°F 25°C) 4.8 to 5.7 amperes at 14.0 volts. Use accurate meters when measuring current draw.

OUTPUT TESTS

(77°F 25°C)
13.2 volts, 9.0 minimum amperes, 600 minimum RPM.
14.2 volts, 47 minimum amperes, 4000 minimum RPM.

Unit

ANF-5001



INTERNAL WIRING DIAGRAM