

View Online at <https://aerobasegroup.com/nsn/5990-01-011-8022>

**Body Material:**

Steel, corrosion resisting

**Body Style:**

Standard round, rotatable stator c

**Shoulder Diameter:**

1.0000 inches

**Pilot Diameter:**

0.6250 inches

**Overall Length:**

3.6500 inches

**Flange Diameter:**

1.0750 inches

**Flange Thickness:**

0.0960 inches

**Undercut Diameter:**

0.9800 inches

**Undercut Width:**

0.0750 inches

**Shaft Diameter:**

0.1247 inches single shaft and 0.1249 inches single shaft

**Shaft Length:**

0.5950 inches single shaft and 0.6150 inches single shaft

**Fragility Factor:**

Moderately rugged

**Maximum Temperature Rise:**

10.0 degrees celsius

**Body Size:**

11

**Stator Input Voltage Rating In Volts:**

15.0

**Stator Input Current Rating:**

30.0 milliamperes

**Frequency In Hertz:**

400.0

**Compensation Method:**

Winding compensated

**Phase Shift Angle In Deg:**

0.150 input to output

**Maximum Fundamental Null Voltage In Millivolts Per Volt:**

20.00 output

**Maximum Total Null Voltage Output In Millivolts Per Volt:**

25.00

**Interaxis Error Angular Range In Minutes:**

-3.0/+3.0

**Output Voltage Functional Error Range In Percent:**

-0.1/+0.1

**Actuator Friction Torque At Plus 25 Deg Celsius:**

0.10 inch-ounces

**Alignment Hole Quantity:**

4

**Pilot Length:**

0.0650 inches

**Shoulder Length:**

0.0650 inches

**Mounting Surface To Terminal End Distance:**

3.1000 inches

**Terminal Location:**

Rear

**Shaft Slot Depth:**

0.0200 inches single shaft and 0.0400 inches single shaft

**Shaft Slot Width:**

0.0150 inches single shaft and 0.0350 inches single shaft

**Shaft Type:**

Round, slotted single shaft

**Alignment Hole Depth:**

0.1250 inches

**Transformation Ratio:**

1.0000 rotor to stator

**Alignment Hole Bolt Circle Diameter:**

0.8120 inches

**Special Features:**

1 spur gear with 83 teeth and diametral pitch of 80

**Terminal Type And Quantity:**

12 screw

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A07800