

View Online at <https://aerobasegroup.com/nsn/5990-00-009-3291>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round a

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

1.6590 inches

**Flange Diameter:**

Between 0.7490 inches and 0.7500 inches

**Flange Thickness:**

0.0620 inches

**Undercut Diameter:**

Between 0.6880 inches and 0.6910 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.0895 inches single shaft and 0.0900 inches single shaft

**Shaft Length:**

0.3600 inches single shaft and 0.3900 inches single shaft

**Fragility Factor:**

Moderately rugged

**Body Size:**

8

**Stator Input Voltage Rating In Volts:**

11.8

**Stator Input Current Rating:**

33.0 milliamperes

**Stator Input Electrical Power Rating:**

88.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Impedance Magnitude In Ohms:**

Between 408.00 and 552.00

**Zro Impedance Angle In Deg:**

Between 1620.00 and 1980.00

**Zso Impedance Magnitude In Ohms:**

Between 69.70 and 9430.00

**Zso Impedance Angle In Deg:**

Between 297.00 and 363.00

**Zrs Impedance Magnitude In Ohms:**

Between 501.00 and 678.50

**Zrs Impedance Angle In Deg:**

Between 161.00 and 218.00

**Rotor Dc Resistance In Ohms:**

Between 328.00 and 402.00

**Stator Dc Resistance In Ohms:**

Between 54.00 and 66.00

**Phase Shift Angle In Deg:**

8.500 input to output

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

30.00

**Electrical Error Angular Range In Minutes:**

-7.0/+7.0

**Actuator Friction Torque At Minus 55 Deg Celsius:**

12.00 centimeter-grams

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

4.00 centimeter-grams

**Pilot Length:**

0.0430 inches

**Mounting Surface To Terminal End Distance:**

1.2410 inches

**Terminal Location:**

Rear

**Shaft Slot Depth:**

0.0250 inches single shaft

**Shaft Slot Width:**

0.0200 inches single shaft

**Shaft Type:**

Round, slotted single shaft

**Transformation Ratio:**

2.203 rotor to stator

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A07800