

View Online at <https://aerobasegroup.com/nsn/5990-00-226-7894>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round c

**Shoulder Diameter:**

Between 0.9995 inches and 1.0000 inches

**Pilot Diameter:**

Between 0.6245 inches and 0.6250 inches

**Overall Length:**

Between 2.3170 inches and 2.3410 inches

**Flange Diameter:**

Between 1.0570 inches and 1.0650 inches

**Flange Thickness:**

Between 0.0900 inches and 0.0960 inches

**Undercut Diameter:**

Between 0.9700 inches and 0.9800 inches

**Undercut Width:**

Between 0.0450 inches and 0.0550 inches

**Shaft Diameter:**

0.1195 inches single shaft and 0.1200 inches single shaft

**Shaft Length:**

0.5550 inches single shaft and 0.5730 inches single shaft

**Maximum Temperature Rise:**

8.0 degrees celsius

**Body Size:**

11

**Stator Input Voltage Rating In Volts:**

90.0

**Stator Input Current Rating:**

60.0 milliamperes

**Stator Input Electrical Power Rating:**

600.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Impedance Magnitude In Ohms:**

1990.00

**Zro Impedance Angle In Deg:**

77.30

**Zso Impedance Magnitude In Ohms:**

1640.00

**Zso Impedance Angle In Deg:**

80.70

**Rotor Dc Resistance In Ohms:**

Between 327.25 and 442.75

**Stator Dc Resistance In Ohms:**

Between 165.75 and 224.25

**Phase Shift Angle In Deg:**

4.700 input to output

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

59.00 output

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

94.00

**Electrical Error Angular Range In Minutes:**

-5.0/+5.0

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

16.0 centimeter-grams

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

4.0 centimeter-grams

**Pilot Length:**

Between 0.0590 inches and 0.0650 inches

**Shoulder Length:**

Between 0.0590 inches and 0.0650 inches

**Mounting Surface To Terminal End Distance:**

Between 1.7620 inches and 1.7680 inches

**Terminal Location:**

Rear

**Shaft Slot Depth:**

0.0300 inches single shaft

**Shaft Slot Width:**

0.0250 inches single shaft

**Shaft Type:**

Round, slotted single shaft

**Transformation Ratio:**

Between 1.108 rotor to stator and 1.200 rotor to stator

**Terminal Type And Quantity:**

6 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800