

View Online at <https://aerobasegroup.com/nsn/5990-00-501-2097>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round c

**Shoulder Diameter:**

Between 0.9682 inches and 0.9687 inches

**Pilot Diameter:**

0.6250 inches

**Overall Length:**

3.1200 inches

**Flange Diameter:**

1.0560 inches

**Flange Thickness:**

0.0930 inches

**Undercut Diameter:**

Between 0.9500 inches and 0.9800 inches

**Undercut Width:**

Between 0.0930 inches and 0.1030 inches

**Shaft Diameter:**

0.1050 inches single shaft

**Shaft Length:**

0.7930 inches single shaft

**Fragility Factor:**

Moderately rugged

**Body Size:**

11

**Stator Input Voltage Rating In Volts:**

15.0

**Stator Input Current Rating:**

22.0 milliamperes

**Stator Input Electrical Power Rating:**

160.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

580.00

**Zso Resistance In Ohms:**

370.00

**Rotor Dc Resistance In Ohms:**

415.00

**Stator Dc Resistance In Ohms:**

225.00

**Transformation Ratio Equality In Percent:**

0.08

**Compensation Method:**

Resistor compensated

**Zco Resistance In Ohms:**

370.00

**Compensator Dc Resistance In Ohms:**

235.00

**Compensator Transformation Ratio In Percent:**

0.080 rotor to compensator

**Phase Shift Angle In Deg:**

9.000 input to output

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

15.00 output

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

14.00

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

0.07 inch-ounces

**Pilot Length:**

0.0650 inches

**Shoulder Length:**

Between 0.0620 inches and 0.0680 inches

**Mounting Surface To Terminal End Distance:**

Between 1.6000 inches and 2.2000 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

1630.00

**Plus J Zso Reactance In Ohms:**

1400.00

**Shaft Type:**

Round, flatted single shaft

**Transformation Ratio:**

1.000 rotor to stator

**Plus J Zco Reactance In Ohms:**

1400.00

**Shaft Flatted Portion Thickness:**

0.1050 inches single shaft

**Shaft Flatted Portion Length:**

0.6730 inches single shaft

**Terminal Type And Quantity:**

12 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A07800