

View Online at <https://aerobasegroup.com/nsn/5990-00-188-6111>

**Body Material:**

Steel, corrosion resisting

**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:**

2.3080 inches

**Flange Diameter:**

1.0620 inches

**Flange Thickness:**

0.0930 inches

**Undercut Diameter:**

0.9750 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.1245 inches single shaft and 0.1247 inches single shaft

**Shaft Length:**

0.3380 inches single shaft

**End Application:**

Guided missile, intercept

**Body Size:**

11

**Stator Input Voltage Rating In Volts:**

Between 0.5 and 26.0

**Stator Input Current Rating:**

6.5 milliamperes

**Stator Input Electrical Power Rating:**

20.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

440.00

**Zso Resistance In Ohms:**

385.00

**Rotor Dc Resistance In Ohms:**

530.00

**Stator Dc Resistance In Ohms:**

305.00

**Compensation Method:**

Winding compensated

**Zco Resistance In Ohms:**

600.00

**Compensator Dc Resistance In Ohms:**

530.00

**Compensator Transformation Ratio In Percent:**

0.980 rotor to compensator

**Phase Shift Angle In Deg:**

8.500 input to output

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

1.00 input

**Interaxis Error Angular Range In Minutes:**

-5.0/+5.0

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

-0.1/+0.1

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

8.0 centimeter-grams

**Alignment Hole Quantity:**

4

**Pilot Length:**

0.0620 inches

**Shoulder Length:**

0.0620 inches

**Mounting Surface To Terminal End Distance:**

1.9700 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

2080.00

**Plus J Zso Reactance In Ohms:**

1960.00

**Shaft Type:**

Round single shaft

**Alignment Hole Depth:**

0.1250 inches

**Transformation Ratio:**

0.975 rotor to stator

**Plus J Zco Reactance In Ohms:**

2000.00

**Alignment Hole Bolt Circle Diameter:**

0.8120 inches

**Terminal Type And Quantity:**

12 screw

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800