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**Body Material:**

Steel, stainless

**Body Style:**

Standard round b

**Shoulder Diameter:**

Between 1.3115 inches and 1.3120 inches

**Pilot Diameter:**

Between 0.8745 inches and 0.8750 inches

**Overall Length:**

Between 3.0430 inches and 3.0830 inches

**Flange Diameter:**

Between 1.4320 inches and 1.4370 inches

**Flange Thickness:**

0.0930 inches

**Undercut Width:**

0.0780 inches

**Shaft Diameter:**

0.1867 inches single shaft and 0.1872 inches single shaft

**Shaft Length:**

0.5450 inches single shaft and 0.5650 inches single shaft

**Fragility Factor:**

Moderately rugged

**Maximum Temperature Rise:**

10.0 degrees celsius

**Body Size:**

15

**Stator Input Voltage Rating In Volts:**

90.0

**Stator Input Current Rating:**

13.0 milliamperes

**Stator Input Electrical Power Rating:**

210.0 milliwatts

**Frequency In Hertz:**

60.0

**Zso Resistance In Ohms:**

Between 6000.00 and 7500.00

**Zrs Resistance In Ohms:**

Between 1300.00 and 1650.00

**Zso Impedance Magnitude In Ohms:**

Between 78.00 and 82.00

**Zrs Impedance Magnitude In Ohms:**

Between 13.00 and 18.00

**Phase Shift Angle In Deg:**

9.000 input to output

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

45.00 output

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

65.00

**Electrical Error Angular Range In Minutes:**

-6.0/+6.0

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

0.05 inch-ounces

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

0.05 inch-ounces

**Pilot Length:**

0.0400 inches

**Shoulder Length:**

0.1320 inches

**Mounting Surface To Terminal End Distance:**

2.3910 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

**Alignment Hole Depth:**

0.1250 inches

**Transformation Ratio:**

0.735 rotor to stator

**Alignment Hole Bolt Circle Diameter:**

Between 1.0970 inches and 1.1030 inches

**Test Data Document:**

81349-mil-s-20708 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

**Terminal Type And Quantity:**

5 screw

**Specification Data:**

81349-mil-s-20708/21 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Non-military use

**Fig:**

A07800