

View Online at <https://aerobasegroup.com/nsn/5990-00-603-9313>

**Body Material:**

Any acceptable

**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:**

2.2460 inches

**Flange Diameter:**

Between 1.0570 inches and 1.0620 inches

**Flange Thickness:**

0.0930 inches

**Undercut Diameter:**

0.9700 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.1198 inches single shaft and 0.1200 inches single shaft

**Shaft Length:**

0.3680 inches single shaft

**Maximum Temperature Rise:**

20.0 degrees celsius

**Body Size:**

11

**Rotor Input Voltage Rating In Volts:**

90.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

49.0 milliamperes

**Rotor Input Electrical Power Rating:**

530.0 milliwatts

**Zso Impedance Magnitude In Ohms:**

Between 1590.00 and 2050.00

**Zso Impedance Angle In Deg:**

Between 79.00 and 85.00

**Zrs Impedance Magnitude In Ohms:**

Between 470.00 and 570.00

**Zrs Impedance Angle In Deg:**

Between 23.00 and 33.00

**Phase Shift Angle In Deg:**

4.000 input to output

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

60.00 output

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

90.00

**Electrical Error Angular Range In Minutes:**

-7.0/+7.0

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

0.07 inch-ounces

**Alignment Hole Quantity:**

4

**Pilot Length:**

0.0620 inches

**Shoulder Length:**

0.0620 inches

**Mounting Surface To Terminal End Distance:**

1.8510 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:**

0.2500 inches

**Transformation Ratio:**

1.154 rotor to stator

**Alignment Hole Bolt Circle Diameter:**

Between 0.8090 inches and 0.8150 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:**

6 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

407000