

View Online at <https://aerobasegroup.com/nsn/5990-00-206-3753>

**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 2.3360 inches and 2.3760 inches

**Flange Diameter:**

Between 1.0570 inches and 1.0620 inches

**Flange Thickness:**

0.0930 inches

**Undercut Diameter:**

0.9750 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.1198 inches single shaft and 0.1200 inches single shaft

**Shaft Length:**

0.5460 inches single shaft and 0.5650 inches single shaft

**Fragility Factor:**

Moderately rugged

**Maximum Temperature Rise:**

20.0 degrees celsius

**Securing Hole Quantity:**

4

**Body Size:**

11

**Rotor Input Voltage Rating In Volts:**

115.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

31.0 milliamperes

**Rotor Input Electrical Power Rating:**

490.0 milliwatts

**Zro Resistance In Ohms:**

Between 3720.00 and 4700.00

**Zss Resistance In Ohms:**

Between 410.00 and 500.00

**Zro Impedance Magnitude In Ohms:**

Between 80.00 and 84.00

**Zss Impedance Magnitude In Ohms:**

Between 17.00 and 26.00

**Phase Shift Angle In Deg:**

4.500 input to output

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

45.00 output

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

75.00

**Electrical Error Angular Range In Minutes:**

-7.0/+7.0

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

0.07 inch-ounces

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

0.07 inch-ounces

**Pilot Length:**

Between 0.0450 inches and 0.0650 inches

**Shoulder Length:**

Between 0.0590 inches and 0.0790 inches

**Mounting Surface To Terminal End Distance:**

Between 1.7910 inches and 1.8110 inches

**Mounting Facility Screw Thread Series Designator:**

Unc

**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

**Mounting Facility Screw Thread Diameter:**

0.112 inches

**Transformation Ratio:**

0.783 rotor to stator

**Alignment Hole Bolt Circle Diameter:**

0.6250 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:**

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fiig:**

A07800