

View Online at <https://aerobasegroup.com/nsn/5990-00-170-4239>

**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 2.2710 inches and 2.3050 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:**

0.4830 inches single shaft and 0.5030 inches single shaft

**Fragility Factor:**

Moderately rugged

**Maximum Temperature Rise:**

20.0 degrees celsius

**Body Size:**

11

**Rotor Input Voltage Rating In Volts:**

26.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

280.0 milliamperes

**Rotor Input Electrical Power Rating:**

1.0 watts

**Zss Resistance In Ohms:**

Between 3.30 and 4.20

**Phase Shift Angle In Deg:**

4.000 input to output

**Electrical Error Angular Range In Minutes:**

-7.0 to 7.0

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

0.07 inch-ounces

**Torque Gradient Per Angular Deg:**

0.008 inch-ounces

**Alignment Hole Quantity:**

4

**Pilot Length:**

0.0620 inches

**Shoulder Length:**

0.0620 inches

**Mounting Surface To Terminal End Distance:**

1.7320 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

**Plus J Zss Reactance In Ohms:**

Between 17.00 and 24.00

**Transformation Ratio:**

0.454 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:**

5 wire lead

**Specification Data:**

81349-mil-s-20708/6 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A07800