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**Body Material:**

Steel, corrosion resisting

**Body Style:**

Standard round d

**Shoulder Diameter:**

1.9900 inches

**Pilot Diameter:**

0.6000 inches

**Second Shoulder Diameter:**

1.9995 inches

**Second Shoulder Length:**

0.1720 inches

**Overall Length:**

4.2940 inches

**Flange Diameter:**

2.2500 inches

**Flange Thickness:**

0.2500 inches

**Body Diameter:**

1.9900 inches

**Shaft Diameter:**

0.2405 inches single shaft

**Shaft Length:**

0.6730 inches single shaft

**Fragility Factor:**

Moderately rugged

**Maximum Temperature Rise:**

45.0 degrees celsius

**Body Size:**

23

**Rotor Input Voltage Rating In Volts:**

115.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

264.0 milliamperes

**Rotor Input Electrical Power Rating:**

2.5 watts

**Zro Resistance In Ohms:**

50.10

**Zso Resistance In Ohms:**

33.80

**Zrs Resistance In Ohms:**

38.50

**Zss Resistance In Ohms:**

19.30

**Zso-9 Designator Resistance In Ohms:**

17.90

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

75.00 output

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

100.00

**Electrical Error Angular Range In Minutes:**

-8.0/+8.0

**Spline Tooth Quantity:**

22 single shaft

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

0.50 inch-ounces

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

0.20 inch-ounces

**Pilot Length:**

0.0460 inches

**Shoulder Length:**

0.2500 inches

**Aft Of First Flange Diameter:**

1.9995 inches

**Mounting Surface To Terminal End Distance:**

3.4450 inches

**Spline Tooth Diametral Pitch:**

96 single shaft

**Shaft Thread Series Designator:**

Unf single shaft

**Shaft Thread Direction:**

Right-hand single shaft

**Shaft Thread Class:**

2a single shaft

**Terminal Location:**

Rear

**Shaft Thread Length:**

0.2660 inches single shaft

**Plus J Zro Reactance In Ohms:**

544.00

**Plus J Zso Reactance In Ohms:**

246.00

**Plus J Zrs Reactance In Ohms:**

35.50

**Shaft Type:**

Spline w/threads single shaft

**Plus J Zss Reactance In Ohms:**

16.40

**Transformation Ratio:**

0.783 rotor to stator

**Plus J Zso-9 Designator Reactance In Ohms:**

86.90

**Shaft Thread Size:**

0.250 inches single shaft

**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 screw

**Specification Data:**

81349-mil-s-20708/94 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A07800