

View Online at <https://aerobasegroup.com/nsn/5990-00-928-5593>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round c

**Shoulder Diameter:**

Between 1.5615 inches and 1.5620 inches

**Pilot Diameter:**

Between 0.9370 inches and 0.9375 inches

**Overall Length:**

3.0600 inches

**Flange Diameter:**

Between 1.7450 inches and 1.7500 inches

**Flange Thickness:**

0.0930 inches

**Undercut Diameter:**

1.6250 inches

**Undercut Width:**

0.0780 inches

**Shaft Diameter:**

0.1870 inches single shaft and 0.1872 inches single shaft

**Shaft Length:**

0.5400 inches single shaft

**Maximum Temperature Rise:**

20.0 degrees celsius

**Body Size:**

18

**Stator Input Voltage Rating In Volts:**

90.0

**Stator Input Current Rating:**

7.0 milliamperes

**Stator Input Electrical Power Rating:**

50.0 milliwatts

**Frequency In Hertz:**

400.0

**Zso Impedance Magnitude In Ohms:**

Between 12000.00 and 14800.00

**Zso Impedance Angle In Deg:**

Between 82.00 and 84.50

**Zrs Impedance Magnitude In Ohms:**

Between 980.00 and 1180.00

**Zrs Impedance Angle In Deg:**

Between 42.00 and 52.00

Phase Shift Angle In Deg:

2.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

20.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

30.00

Electrical Error Angular Range In Minutes:

-6.0/+6.0

Spline Tooth Quantity:

21 single shaft

Torque Gradient Per Angular Deg:

0.100 inch-ounces

Alignment Hole Quantity:

4

Pilot Length:

0.0400 inches

Shoulder Length:

0.1320 inches

Mounting Surface To Terminal End Distance:

2.5200 inches

Spline Tooth Diametral Pitch:

120 single shaft

Shaft Thread Series Designator:

Unf single shaft

Shaft Thread Direction:

Right-hand single shaft

Shaft Thread Class:

2a

Terminal Location:

Rear

Shaft Thread Length:

0.2000 inches single shaft

Shaft Type:

Spline w/threads single shaft

Alignment Hole Depth:

0.1250 inches

Transformation Ratio:

0.735 rotor to stator

Alignment Hole Bolt Circle Diameter:

1.2500 inches

Shaft Thread Size:

0.190 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

**Terminal Type And Quantity:**

5 screw

**Specification Data:**

81349-mil-s-20708/29 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A07800