

View Online at <https://aerobasegroup.com/nsn/5990-00-988-7902>

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

Fragility Factor:

Moderately rugged

Maximum Temperature Rise:

25.0 degrees celsius

Body Size:

18

Stator Input Voltage Rating In Volts:

115.0

Stator Input Current Rating:

40.0 milliamperes

Stator Input Electrical Power Rating:

950.0 milliwatts

Frequency In Hertz:

60.0

Zro Impedance Magnitude In Ohms:

Between 2875.00 and 3375.00

Zro Impedance Angle In Deg:

Between 76.00 and 80.00

Zss Impedance Magnitude In Ohms:

Between 660.00 and 810.00

Zss Impedance Angle In Deg:

Between 9.00 and 13.00

Phase Shift Angle In Deg:

11.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

30.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

85.00

Electrical Error Angular Range In Minutes:

-8.0/+8.0

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:

0.783 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 environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

Terminal Type And Quantity:

5 screw

Specification Data:

81349-mil-s-20708/33 government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800