

View Online at <https://aerobasegroup.com/nsn/5990-00-802-6998>

Body Material:

Steel, stainless

Body Style:

Standard round a

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

1.6150 inches

Flange Diameter:

Between 0.7450 inches and 0.7500 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

0.6870 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.0898 inches single shaft and 0.0900 inches single shaft

Shaft Length:

0.4150 inches single shaft

Maximum Temperature Rise:

10.0 degrees celsius

Body Size:

8

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

23.0 milliamperes

Stator Input Electrical Power Rating:

44.0 milliwatts

Frequency In Hertz:

400.0

Zso Impedance Magnitude In Ohms:

Between 444.00 and 570.00

Zso Impedance Angle In Deg:

Between 76.00 and 81.00

Zrs Impedance Magnitude In Ohms:

Between 830.00 and 940.00

Zrs Impedance Angle In Deg:

Between 16.00 and 20.00

Phase Shift Angle In Deg:

8.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

25.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

30.00

Electrical Error Angular Range In Minutes:

-7.0/+7.0

Torque Gradient Per Angular Deg:

0.040 inch-ounces

Pilot Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.2400 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

Transformation Ratio:

2.203 rotor to stator

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.). Or

81349-mil-s-207080/79 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

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

A07800