

View Online at <https://aerobasegroup.com/nsn/5990-00-977-8096>

Body Material:

Steel, corrosion resisting

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:

0.3750 inches single shaft

Fragility Factor:

Moderately rugged

End Application:

Aircraft, starlifter c-141

Maximum Temperature Rise:

20.0 degrees celsius

Body Size:

8

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

108.0 milliamperes

Stator Input Electrical Power Rating:

240.0 milliwatts

Frequency In Hertz:

400.0

Zso Impedance Magnitude In Ohms:

Between 95.00 and 120.00

Zso Impedance Angle In Deg:

Between 74.00 and 79.00

Zrs Impedance Magnitude In Ohms:

Between 35.00 and 48.00

Zrs Impedance Angle In Deg:

Between 15.00 and 20.00

Phase Shift Angle In Deg:

9.500 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:

-7.0/+7.0

Actuator Friction Torque At Plus 25 Deg Celsius:

0.04 inch-ounces

Pilot Length:

0.0400 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:

1.154 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.).

Terminal Type And Quantity:

6 wire lead

Specification Data:

81349-mil-s-20708/80 government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800