

View Online at <https://aerobasegroup.com/nsn/5990-00-603-9313>

Body Material:

Any acceptable

Body Style:

Standard round c

Shoulder Diameter:

Between 0.9995 inches and 1.0000 inches

Pilot Diameter:

Between 0.6245 inches and 0.6250 inches

Overall Length:

2.2460 inches

Flange Diameter:

Between 1.0570 inches and 1.0620 inches

Flange Thickness:

0.0930 inches

Undercut Diameter:

0.9700 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.1198 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.3680 inches single shaft

Maximum Temperature Rise:

20.0 degrees celsius

Body Size:

11

Rotor Input Voltage Rating In Volts:

90.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

49.0 milliamperes

Rotor Input Electrical Power Rating:

530.0 milliwatts

Zso Impedance Magnitude In Ohms:

Between 1590.00 and 2050.00

Zso Impedance Angle In Deg:

Between 79.00 and 85.00

Zrs Impedance Magnitude In Ohms:

Between 470.00 and 570.00

Zrs Impedance Angle In Deg:

Between 23.00 and 33.00

Phase Shift Angle In Deg:

4.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

60.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

90.00

Electrical Error Angular Range In Minutes:

-7.0/+7.0

Actuator Friction Torque At Plus 25 Deg Celsius:

0.07 inch-ounces

Alignment Hole Quantity:

4

Pilot Length:

0.0620 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.8510 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

Alignment Hole Depth:

0.2500 inches

Transformation Ratio:

1.154 rotor to stator

Alignment Hole Bolt Circle Diameter:

Between 0.8090 inches and 0.8150 inches

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

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

407000