

View Online at <https://aerobasegroup.com/nsn/5990-00-110-9441>

Body Material:

Steel, stainless

Body Style:

Standard round c

Shoulder Diameter:

Between 0.8118 inches and 0.8123 inches

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

Between 1.5460 inches and 1.5760 inches

Flange Diameter:

Between 0.9360 inches and 0.9380 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

0.8400 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.0895 inches and 0.0900 inches single shaft

Shaft Length:

0.3060 inches and 0.3360 inches single shaft

Fragility Factor:

Moderately rugged

Maximum Temperature Rise:

20.0 degrees celsius

Body Size:

10

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

142.0 milliamperes

Rotor Input Electrical Power Rating:

620.0 milliwatts

Zss Impedance Magnitude In Ohms:

11.00

Zss Impedance Angle In Deg:

15.000

Zso-9 Designator Impedance Magnitude In Ohms:

15.00

Phase Shift Angle In Deg:

7.500 input to output

Electrical Error Angular Range In Minutes:

-60.0 to 60.0

Receiver Error Angular Range In Minutes:

-60.0/+60.0

Actuator Friction Torque At Minus 55 Deg Celsius:

2200.0 millimeter-milligrams

Alignment Hole Quantity:

3

Pilot Length:

0.0380 inches

Shoulder 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 and 0.0250 inches single shaft

Shaft Type:

Round, slotted single shaft

Alignment Hole Depth:

0.0625 inches

Transformation Ratio:

0.454 rotor to stator

Alignment Hole Bolt Circle Diameter:

Between 0.6750 inches and 0.6810 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:

5 wire lead

Specification Data:

81349-mil-s-20708/50 government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

1-67500