

View Online at <https://aerobasegroup.com/nsn/5990-00-170-4239>

Body Material:

Steel, stainless

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:

Between 2.2710 inches and 2.3050 inches

Flange Diameter:

Between 1.0570 inches and 1.0620 inches

Flange Thickness:

0.0930 inches

Undercut Diameter:

0.9750 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.1198 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.4830 inches single shaft and 0.5030 inches single shaft

Fragility Factor:

Moderately rugged

Maximum Temperature Rise:

20.0 degrees celsius

Body Size:

11

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

280.0 milliamperes

Rotor Input Electrical Power Rating:

1.0 watts

Zss Resistance In Ohms:

Between 3.30 and 4.20

Phase Shift Angle In Deg:

4.000 input to output

Electrical Error Angular Range In Minutes:

-7.0 to 7.0

Actuator Friction Torque At Minus 55 Deg Celsius:

0.07 inch-ounces

Torque Gradient Per Angular Deg:

0.008 inch-ounces

Alignment Hole Quantity:

4

Pilot Length:

0.0620 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.7320 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:

0.1250 inches

Plus J Zss Reactance In Ohms:

Between 17.00 and 24.00

Transformation Ratio:

0.454 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:

5 wire lead

Specification Data:

81349-mil-s-20708/6 government specification

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

Yes - demil/mli

Fiig:

A07800