

View Online at <https://aerobasegroup.com/nsn/5990-00-756-2555>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round d

Shoulder Diameter:

1.9900 inches

Pilot Diameter:

0.6000 inches

Second Shoulder Diameter:

1.9995 inches

Second Shoulder Length:

0.1720 inches

Overall Length:

4.2940 inches

Flange Diameter:

2.2500 inches

Flange Thickness:

0.2500 inches

Body Diameter:

1.9900 inches

Shaft Diameter:

0.2405 inches single shaft

Shaft Length:

0.6730 inches single shaft

Fragility Factor:

Moderately rugged

Maximum Temperature Rise:

45.0 degrees celsius

Body Size:

23

Rotor Input Voltage Rating In Volts:

115.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

264.0 milliamperes

Rotor Input Electrical Power Rating:

2.5 watts

Zro Resistance In Ohms:

50.10

Zso Resistance In Ohms:

33.80

Zrs Resistance In Ohms:

38.50

Zss Resistance In Ohms:

19.30

Zso-9 Designator Resistance In Ohms:

17.90

Maximum Fundamental Null Voltage In Millivolts Per Volt:

75.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

100.00

Electrical Error Angular Range In Minutes:

-8.0/+8.0

Spline Tooth Quantity:

22 single shaft

Actuator Friction Torque At Minus 55 Deg Celsius:

0.50 inch-ounces

Actuator Friction Torque At Plus 25 Deg Celsius:

0.20 inch-ounces

Pilot Length:

0.0460 inches

Shoulder Length:

0.2500 inches

Aft Of First Flange Diameter:

1.9995 inches

Mounting Surface To Terminal End Distance:

3.4450 inches

Spline Tooth Diametral Pitch:

96 single shaft

Shaft Thread Series Designator:

Unf single shaft

Shaft Thread Direction:

Right-hand single shaft

Shaft Thread Class:

2a single shaft

Terminal Location:

Rear

Shaft Thread Length:

0.2660 inches single shaft

Plus J Zro Reactance In Ohms:

544.00

Plus J Zso Reactance In Ohms:

246.00

Plus J Zrs Reactance In Ohms:

35.50

Shaft Type:

Spline w/threads single shaft

Plus J Zss Reactance In Ohms:

16.40

Transformation Ratio:

0.783 rotor to stator

Plus J Zso-9 Designator Reactance In Ohms:

86.90

Shaft Thread Size:

0.250 inches single shaft

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 screw

Specification Data:

81349-mil-s-20708/94 government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

A07800