

View Online at <https://aerobasegroup.com/nsn/5990-00-852-2369>

Body Material:

Steel, stainless

Body Style:

Standard round double flange a

Shoulder Diameter:

Between 3.3290 inches and 3.3340 inches

Pilot Diameter:

1.6250 inches

Second Shoulder Diameter:

Between 3.3740 inches and 3.3750 inches

Second Shoulder Length:

0.3750 inches

Overall Length:

5.9500 inches

Flange Diameter:

Between 3.6240 inches and 3.6250 inches

Flange Thickness:

0.2500 inches

Body Diameter:

Between 3.3850 inches and 3.3900 inches

Shaft Diameter:

0.2403 inches single shaft and 0.2405 inches single shaft

Shaft Length:

0.7000 inches single shaft

Fragility Factor:

Moderately rugged

Distance Between Flanges:

1.8120 inches

Maximum Temperature Rise:

35.0 degrees celsius

Body Size:

37

Rotor Input Voltage Rating In Volts:

115.0

Frequency In Hertz:

60.0

Rotor Input Current Rating:

830.0 milliamperes

Rotor Input Electrical Power Rating:

9.25 watts

Zss Impedance Magnitude In Ohms:

Between 7.00 and 10.00

Zss Impedance Angle In Deg:

Between 30.00 and 40.00

Phase Shift Angle In Deg:

3.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

35.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

170.00

Electrical Error Angular Range In Minutes:

-10.0/+10.0

Spline Tooth Quantity:

22 single shaft

Receiver Error Angular Range In Minutes:

-36.0/+36.0

Torque Gradient Per Angular Deg:

0.900 inch-ounces

Pilot Length:

0.1600 inches

Shoulder Length:

0.6550 inches

Err Default:

Err default and err default

Mounting Surface To Terminal End Distance:

5.0600 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:

0.3100 inches single shaft

Shaft Type:

Spline w/threads single shaft

Transformation Ratio:

0.783 rotor to stator

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

Terminal Type And Quantity:

5 screw

Specification Data:

81349-mil-s-20708/74 government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A07800