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Body Material:

Steel, corrosion resisting

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:

5.9200 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:

0.8900 inches single shaft

Distance Between Flanges:

1.3120 inches

Maximum Temperature Rise:

60.0 degrees celsius

Body Size:

37

Rotor Input Voltage Rating In Volts:

115.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

1.9 amperes

Rotor Input Electrical Power Rating:

20.0 watts

Zss Impedance Magnitude In Ohms:

Between 3.00 and 4.00

Zss Impedance Angle In Deg:

Between 66.00 and 70.00

Phase Shift Angle In Deg:

1.000 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:

-8.0/+8.0

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

Aft Of Second Flange Diameter:

Between 3.3740 inches and 3.3750 inches

Mounting Surface To Terminal End Distance:

4.0300 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:

0.3870 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 environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

Terminal Type And Quantity:

Specification Data:

81349-mil-s-20708/70 government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A07800