

View Online at <https://aerobasegroup.com/nsn/5990-01-189-3201>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round b

Shoulder Diameter:

1.0000 inches

Pilot Diameter:

0.6250 inches

Overall Length:

2.4180 inches

Flange Diameter:

1.0620 inches

Flange Thickness:

0.0930 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.1200 inches single shaft

Shaft Length:

0.5620 inches single shaft

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:

130.0 milliamperes

Rotor Input Electrical Power Rating:

340.0 milliwatts

Zro Impedance Magnitude In Ohms:

Between 200.00 and 300.00

Zro Impedance Angle In Deg:

Between 80.50 and 84.00

Zss Impedance Magnitude In Ohms:

Between 6.00 and 12.00

Zss Impedance Angle In Deg:

Between 18.00 and 30.00

Phase Shift Angle In Deg:

4.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

12.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

19.00

Electrical Error Angular Range In Minutes:

-7.0/+7.0

Spline Tooth Quantity:

21 single shaft

Actuator Friction Torque At Plus 25 Deg Celsius:

0.07 inch-ounces

Shaft Maximum Radial Play:

0.0006 inches

Shaft End Play:

0.0100 inches

Pilot Length:

0.0620 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.7940 inches

Spline Tooth Diametral Pitch:

120 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:

0.2530 inches single shaft

Shaft Type:

Spline w/threads single shaft

Transformation Ratio:

0.454 rotor to stator

Shaft Thread Size:

0.190 inches single shaft

Shaft Radial Play Determining Weight:

8.0 ounces

Shaft End Play Determining Weight:

1.0 ounces

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-20708/8 government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800