

View Online at <https://aerobasegroup.com/nsn/5990-00-419-7584>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round c

Shoulder Diameter:

Between 1.3115 inches and 1.3120 inches

Pilot Diameter:

Between 0.8745 inches and 0.8750 inches

Overall Length:

2.4700 inches

Flange Diameter:

Between 1.4320 inches and 1.4370 inches

Flange Thickness:

0.0930 inches

Undercut Diameter:

1.3120 inches

Undercut Width:

0.0780 inches

Shaft Diameter:

0.1870 inches single shaft and 0.1872 inches single shaft

Shaft Length:

0.5400 inches single shaft

Fragility Factor:

Moderately rugged

Maximum Temperature Rise:

20.0 degrees celsius

Body Size:

15

Stator Input Voltage Rating In Volts:

90.0

Stator Input Current Rating:

215.0 milliamperes

Stator Input Electrical Power Rating:

3.5 watts

Frequency In Hertz:

400.0

Zso Impedance Magnitude In Ohms:

Between 375.00 and 525.00

Zso Impedance Angle In Deg:

Between 80.00 and 84.00

Zrs Impedance Magnitude In Ohms:

Between 113.00 and 138.00

Zrs Impedance Angle In Deg:

Between 27.00 and 33.00

Phase Shift Angle In Deg:

5.000 input to output

Electrical Error Angular Range In Minutes:

-8.0/+8.0

Spline Tooth Quantity:

21 single shaft

Actuator Friction Torque At Plus 25 Deg Celsius:

0.05 inch-ounces

Torque Gradient Per Angular Deg:

0.011 inch-ounces

Alignment Hole Quantity:

4

Pilot Length:

0.0400 inches

Shoulder Length:

0.1320 inches

Mounting Surface To Terminal End Distance:

1.9300 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

Terminal Location:

Rear

Shaft Thread Length:

0.2320 inches single shaft

Shaft Type:

Spline w/threads single shaft

Alignment Hole Depth:

0.1250 inches

Transformation Ratio:

1.154 rotor to stator

Alignment Hole Bolt Circle Diameter:

1.1000 inches

Shaft Thread Size:

0.186 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:

6 screw

Specification Data:

81349-mil-s-20708/17 government specification

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

Yes - demil/mli

Fig:

A07800