

View Online at <https://aerobasegroup.com/nsn/5990-00-925-6614>

Body Material:

Steel, stainless

Body Style:

Standard round d

Shoulder Diameter:

Between 2.6950 inches and 2.7000 inches

Pilot Diameter:

0.5000 inches

Second Shoulder Diameter:

Between 2.7490 inches and 2.7500 inches

Second Shoulder Length:

0.3750 inches

Overall Length:

5.3550 inches

Flange Diameter:

Between 3.0990 inches and 3.1000 inches

Flange Thickness:

0.2500 inches

Body Diameter:

2.7000 centimeters

Shaft Diameter:

0.2403 inches single shaft and 0.2405 inches single shaft

Shaft Length:

0.7300 inches single shaft

Fragility Factor:

Moderately rugged

Maximum Temperature Rise:

20.0 degrees celsius

Body Size:

31

Stator Input Voltage Rating In Volts:

90.0

Stator Input Current Rating:

190.0 milliamperes

Stator Input Electrical Power Rating:

10.2 watts

Frequency In Hertz:

400.0

Zrs Impedance Magnitude In Ohms:

4.80

Zrs Impedance Angle In Deg:

44.00

Rotor Dc Resistance In Ohms:

1.20

Stator Dc Resistance In Ohms:

1.00

Phase Shift Angle In Deg:

1.500 input to output

Electrical Error Angular Range In Minutes:

-8.0/+8.0

Spline Tooth Quantity:

22 single shaft

Actuator Friction Torque At Plus 25 Deg Celsius:

0.50 inch-ounces

Torque Gradient Per Angular Deg:

0.600 inch-ounces

Shaft Radial Play Test Point:

0.125 inches

Shaft Maximum Radial Play:

0.0008 inches

Shaft End Play:

0.0030 inches

Pilot Length:

0.0300 inches

Shoulder Length:

0.6150 inches

Aft Of First Flange Diameter:

2.7500 inches

Mounting Surface To Terminal End Distance:

4.6250 inches

Spline Tooth Diametral Pitch:

96 single shaft

Shaft Maximum Runout:

0.0008 inches

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:

0.3640 inches single shaft

Shaft Type:

Spline w/threads single shaft

Transformation Ratio:

1.154 rotor to stator

Shaft Thread Size:

0.2500 inches single shaft

Shaft Radial Play Determining Weight:

16.0 ounces

Shaft End Play Determining Weight:

16.0 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 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-20708/64 government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800