

View Online at <https://aerobasegroup.com/nsn/5990-00-677-6480>

Body Material:

Steel, stainless

Body Style:

Standard round c

Shoulder Diameter:

Between 1.5615 inches and 1.5620 inches

Pilot Diameter:

Between 0.9370 inches and 0.9375 inches

Overall Length:

3.2050 inches

Flange Diameter:

Between 1.7450 inches and 1.7500 inches

Flange Thickness:

0.0930 inches

Undercut Diameter:

1.6250 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

Maximum Temperature Rise:

20.0 degrees celsius

Body Size:

18

Stator Input Voltage Rating In Volts:

90.0

Stator Input Current Rating:

450.0 milliamperes

Stator Input Electrical Power Rating:

4.5 watts

Frequency In Hertz:

400.0

Zso Impedance Magnitude In Ohms:

Between 178.00 and 266.00

Zso Impedance Angle In Deg:

Between 83.00 and 87.00

Zrs Impedance Magnitude In Ohms:

Between 26.00 and 38.00

Zrs Impedance Angle In Deg:

Between 47.00 and 56.00

Phase Shift Angle In Deg:

3.000 input to output

Electrical Error Angular Range In Minutes:

-8.0/+8.0

Spline Tooth Quantity:

21 single shaft

Actuator Friction Torque At Minus 55 Deg Celsius:

0.10 inch-ounces

Torque Gradient Per Angular Deg:

0.060 inch-ounces

Pilot Length:

0.0400 inches

Shoulder Length:

0.1320 inches

Mounting Surface To Terminal End Distance:

2.6700 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:

0.2000 inches single shaft

Shaft Type:

Spline w/threads single shaft

Transformation Ratio:

1.154 rotor to stator

Shaft Thread Size:

0.190 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:

6 screw

Specification Data:

81349-mil-s-20708/31 government specification

Shelf Life:

N/a

Unit Of Measure:

Demilitarization:

No

Fig:

A07800