

View Online at <https://aerobasegroup.com/nsn/5990-00-677-6487>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round, rotatable stator b

Shoulder Diameter:

Between 1.5615 inches and 1.5620 inches

Pilot Diameter:

Between 0.9370 inches and 0.9375 inches

Overall Length:

3.8400 inches

Flange Diameter:

Between 1.7490 inches and 1.7500 inches

Flange Thickness:

0.0930 inches

Undercut Diameter:

Between 1.6220 inches and 1.6250 inches

Undercut Width:

0.0780 inches

Body Diameter:

1.9000 inches

Shaft Diameter:

0.1870 inches single shaft and 0.1872 inches single shaft

Shaft Length:

0.5550 inches single shaft

Body Size:

19

Stator Input Voltage Rating In Volts:

90.0

Stator Input Current Rating:

20.0 milliamperes

Stator Input Electrical Power Rating:

350.0 milliwatts

Frequency In Hertz:

60.0

Phase Shift Angle In Deg:

20.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

30.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

60.00

Electrical Error Angular Range In Minutes:

-6.0/+6.0

Spline Tooth Quantity:

21 single shaft

Torque Gradient Per Angular Deg:

0.150 inch-ounces

Pilot Length:

0.0400 inches

Shoulder Length:

0.1320 inches

Mounting Surface To Terminal End Distance:

3.3000 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:

0.735 rotor to stator

Shaft Thread Size:

0.185 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:

5 screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800