

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