

View Online at <https://aerobasegroup.com/nsn/5990-00-578-8297>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round c

**Shoulder Diameter:**

Between 0.9995 inches and 1.0000 inches

**Pilot Diameter:**

Between 0.6245 inches and 0.6250 inches

**Overall Length:**

2.3500 inches

**Flange Diameter:**

Between 1.0570 inches and 1.0650 inches

**Flange Thickness:**

0.0930 inches

**Undercut Diameter:**

0.9750 inches

**Undercut Width:**

0.0550 inches

**Shaft Diameter:**

0.1242 inches single shaft and 0.1247 inches single shaft

**Shaft Length:**

0.5620 inches single shaft

**Maximum Temperature Rise:**

1.0 degrees celsius

**Body Size:**

11

**Stator Input Voltage Rating In Volts:**

90.0

**Stator Input Current Rating:**

20.0 milliamperes

**Stator Input Electrical Power Rating:**

180.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Impedance Magnitude In Ohms:**

3280.00

**Zro Impedance Angle In Deg:**

79.20

**Zso Impedance Magnitude In Ohms:**

5380.00

**Zso Impedance Angle In Deg:**

80.70

**Rotor Dc Resistance In Ohms:**

355.00

**Stator Dc Resistance In Ohms:**

585.00

**Phase Shift Angle In Deg:**

4.500 input to output

**Maximum Fundamental Null Voltage In Millivolts Per Volt:**

45.00 output

**Maximum Total Null Voltage Output In Millivolts Per Volt:**

75.00

**Electrical Error Angular Range In Minutes:**

-7.0/+7.0

**Spline Tooth Quantity:**

13 single shaft

**Actuator Friction Torque At Minus 55 Deg Celsius:**

16.0 centimeter-grams

**Actuator Friction Torque At Plus 25 Deg Celsius:**

4.0 centimeter-grams

**Alignment Hole Quantity:**

4

**Pilot Length:**

0.0620 inches

**Shoulder Length:**

0.0690 inches

**Mounting Surface To Terminal End Distance:**

1.7880 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:**

0.1870 inches single shaft

**Shaft Type:**

Spline w/threads single shaft

**Alignment Hole Depth:**

0.0990 inches

**Transformation Ratio:**

0.735 rotor to stator

**Alignment Hole Bolt Circle Diameter:**

0.8120 inches

**Shaft Thread Size:**

0.124 inches single shaft

**Terminal Type And Quantity:**

5 screw

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800