

View Online at <https://aerobasegroup.com/nsn/5990-00-982-8030>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round c

**Shoulder Diameter:**

1.5620 inches

**Pilot Diameter:**

0.9375 inches

**Overall Length:**

3.1410 inches

**Flange Diameter:**

1.7500 inches

**Flange Thickness:**

0.0930 inches

**Undercut Diameter:**

1.6150 inches

**Undercut Width:**

0.0780 inches

**Shaft Diameter:**

0.1870 inches single shaft

**Shaft Length:**

0.5550 inches single shaft

**Body Size:**

18

**Stator Input Voltage Rating In Volts:**

90.0

**Stator Input Current Rating:**

70.0 milliamperes

**Stator Input Electrical Power Rating:**

2.0 watts

**Frequency In Hertz:**

60.0

**Zso Impedance Magnitude In Ohms:**

1875.00

**Zso Impedance Angle In Deg:**

75.00

**Zrs Impedance Magnitude In Ohms:**

1225.00

**Zrs Impedance Angle In Deg:**

18.00

**Phase Shift Angle In Deg:**

21.000 input to output

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

80.00 output

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

100.00

**Electrical Error Angular Range In Minutes:**

-8.0/+8.0

**Spline Tooth Quantity:**

21 single shaft

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

0.10 inch-ounces

**Alignment Hole Quantity:**

4

**Pilot Length:**

0.0400 inches

**Shoulder Length:**

0.1320 inches

**Mounting Surface To Terminal End Distance:**

2.5500 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

**Alignment Hole Depth:**

0.1250 inches

**Transformation Ratio:**

1.154 rotor to stator

**Alignment Hole Bolt Circle Diameter:**

1.0750 inches

**Shaft Thread Size:**

0.190 inches single shaft

**Terminal Type And Quantity:**

6 screw

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A07800