

View Online at <https://aerobasegroup.com/nsn/5990-00-421-0954>

**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:**

Between 2.4170 inches and 2.4210 inches

**Flange Diameter:**

Between 1.0570 inches and 1.0650 inches

**Flange Thickness:**

0.0930 inches

**Undercut Diameter:**

0.9750 inches

**Undercut Width:**

0.0500 inches

**Shaft Diameter:**

0.1870 inches single shaft and 0.1872 inches single shaft

**Shaft Length:**

0.5550 inches single shaft

**Fragility Factor:**

Moderately rugged

**Body Size:**

11

**Rotor Input Voltage Rating In Volts:**

100.0

**Frequency In Hertz:**

10000.0

**Rotor Input Current Rating:**

26.0 milliamperes

**Rotor Input Electrical Power Rating:**

1.4 watts

**Zro Impedance Magnitude In Ohms:**

3870.00

**Zro Impedance Angle In Deg:**

65.80

**Rotor Dc Resistance In Ohms:**

21.00

**Stator Dc Resistance In Ohms:**

4.20

**Phase Shift Angle In Deg:**

0.400 input to output

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

58.00 output

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

78.00

**Electrical Error Angular Range In Minutes:**

-3.0/+3.0

**Spline Tooth Quantity:**

21 single shaft

**Alignment Hole Quantity:**

4

**Pilot Length:**

0.0620 inches

**Shoulder Length:**

0.0930 inches

**Mounting Surface To Terminal End Distance:**

Between 1.8620 inches and 1.8640 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 single shaft

**Terminal Location:**

Rear

**Shaft Thread Length:**

0.1900 inches single shaft

**Shaft Type:**

Spline w/threads single shaft

**Alignment Hole Depth:**

0.1250 inches

**Transformation Ratio:**

0.462 rotor to stator

**Alignment Hole Bolt Circle Diameter:**

0.8120 inches

**Shaft Thread Size:**

0.190 inches single shaft

**Terminal Type And Quantity:**

8 screw

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A07800