

View Online at <https://aerobasegroup.com/nsn/5990-00-772-9277>

**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:**

2.4190 inches

**Flange Diameter:**

Between 1.0570 inches and 1.0650 inches

**Flange Thickness:**

0.0620 inches

**Undercut Diameter:**

0.9750 inches

**Undercut Width:**

0.0500 inches

**Shaft Diameter:**

0.1867 inches single shaft and 0.1872 inches single shaft

**Shaft Length:**

0.5550 inches single shaft

**Maximum Temperature Rise:**

20.0 degrees celsius

**Body Size:**

11

**Rotor Input Voltage Rating In Volts:**

26.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

145.0 milliamperes

**Rotor Input Electrical Power Rating:**

760.0 milliwatts

**Zro Impedance Magnitude In Ohms:**

179.00

**Zro Impedance Angle In Deg:**

78.40

**Zso Impedance Magnitude In Ohms:**

42.00

**Zso Impedance Angle In Deg:**

80.50

**Zss Impedance Magnitude In Ohms:**

10.40

**Zss Impedance Angle In Deg:**

26.80

**Phase Shift Angle In Deg:**

7.000 input to output

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

20.00 output

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

30.00

**Electrical Error Angular Range In Minutes:**

-3.0/+3.0

**Spline Tooth Quantity:**

21 single shaft

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

25.0 centimeter-grams

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

15.0 centimeter-grams

**Pilot Length:**

0.0620 inches

**Shoulder Length:**

0.0620 inches

**Mounting Surface To Terminal End Distance:**

1.8570 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:**

3a single shaft

**Terminal Location:**

Rear

**Shaft Thread Length:**

0.2000 inches single shaft

**Shaft Type:**

Spline w/threads single shaft

**Transformation Ratio:**

9.454 rotor to stator

**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

**Fiig:**

A07800