

View Online at <https://aerobasegroup.com/nsn/5990-01-331-7071>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round d

**Shoulder Diameter:**

Between 1.9850 inches and 1.9900 inches

**Pilot Diameter:**

0.5950 inches

**Second Shoulder Diameter:**

Between 1.9985 inches and 1.9995 inches

**Second Shoulder Length:**

0.1700 inches

**Overall Length:**

4.2990 inches

**Flange Diameter:**

Between 2.2490 inches and 2.2500 inches

**Flange Thickness:**

0.2500 inches

**Body Diameter:**

1.9900 inches

**Shaft Diameter:**

0.2403 inches single shaft and 0.2405 inches single shaft

**Shaft Length:**

0.6660 inches single shaft and 0.6860 inches single shaft

**Maximum Temperature Rise:**

35.0 degrees celsius

**Body Size:**

23

**Rotor Input Voltage Rating In Volts:**

115.0

**Frequency In Hertz:**

60.0

**Rotor Input Current Rating:**

210.0 milliamperes

**Rotor Input Electrical Power Rating:**

5.6 watts

**Zss Impedance Magnitude In Ohms:**

10.00

**Zss Impedance Angle In Deg:**

17.00

**Phase Shift Angle In Deg:**

11.000 input to output

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

60.00 output

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

160.00

**Electrical Error Angular Range In Minutes:**

-8.0/+8.0

**Receiver Error Angular Range In Minutes:**

-45.0/+45.0

**Torque Gradient Per Angular Deg:**

0.120 inch-ounces

**Pilot Length:**

0.0430 inches

**Shoulder Length:**

0.2930 inches

**Aft Of First Flange Diameter:**

Between 1.9985 inches and 1.9995 inches

**Mounting Surface To Terminal End Distance:**

3.1600 inches

**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:**

0.3330 inches single shaft

**Shaft Type:**

Round, threaded single shaft

**Shaft Thread Size:**

0.250 inches single shaft

**Terminal Type And Quantity:**

5 screw

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800