

View Online at <https://aerobasegroup.com/nsn/5990-00-061-9041>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round b

**Shoulder Diameter:**

Between 0.9995 inches and 1.0000 inches

**Pilot Diameter:**

Between 0.6245 inches and 0.6252 inches

**Overall Length:**

Between 2.3420 inches and 2.3740 inches

**Flange Diameter:**

Between 1.0590 inches and 1.0620 inches

**Flange Thickness:**

0.0930 inches

**Undercut Width:**

0.0500 inches

**Shaft Diameter:**

0.1195 inches single shaft and 0.1200 inches single shaft

**Shaft Length:**

0.5630 inches single shaft

**Fragility Factor:**

Moderately rugged

**Body Size:**

11

**Stator Input Voltage Rating In Volts:**

78.0

**Stator Input Current Rating:**

17.0 milliamperes

**Stator Input Electrical Power Rating:**

250.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

707.00

**Zrs Resistance In Ohms:**

637.00

**Zss Resistance In Ohms:**

876.00

**Rotor Dc Resistance In Ohms:**

370.00

**Stator Dc Resistance In Ohms:**

602.00

**Phase Shift Angle In Deg:**

3.400 input to output

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

59.00 output

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

94.00

**Electrical Error Angular Range In Minutes:**

-10.0/+10.0

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

15.0 centimeter-grams

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

3.0 centimeter-grams

**Alignment Hole Quantity:**

4

**Pilot Length:**

0.0620 inches

**Shoulder Length:**

0.0620 inches

**Mounting Surface To Terminal End Distance:**

Between 1.7330 inches and 1.7950 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

3194.00

**Shaft Slot Depth:**

0.0310 inches single shaft

**Shaft Slot Width:**

0.0310 inches single shaft

**Plus J Zrs Reactance In Ohms:**

324.00

**Shaft Type:**

Round, slotted single shaft

**Alignment Hole Depth:**

0.0310 inches

**Plus J Zss Reactance In Ohms:**

4580.00

**Transformation Ratio:**

0.735 rotor to stator

**Alignment Hole Bolt Circle Diameter:**

0.8120 inches

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A07800