

View Online at <https://aerobasegroup.com/nsn/5990-00-060-1647>

**Body Material:**

Any acceptable

**Body Style:**

Standard round a

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

Between 1.7610 inches and 1.7850 inches

**Flange Diameter:**

Between 0.7450 inches and 0.7530 inches

**Flange Thickness:**

Between 0.0590 inches and 0.0650 inches

**Undercut Diameter:**

0.6870 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.4995 inches single shaft and 0.5000 inches single shaft

**Shaft Length:**

0.4210 inches single shaft and 0.4450 inches single shaft

**Fragility Factor:**

Moderately rugged

**Body Size:**

8

**Stator Input Voltage Rating In Volts:**

11.8

**Stator Input Current Rating:**

145.0 milliamperes

**Stator Input Electrical Power Rating:**

456.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Impedance Magnitude In Ohms:**

110.00

**Zro Impedance Angle In Deg:**

68.50

**Zso Impedance Magnitude In Ohms:**

79.00

**Zso Impedance Angle In Deg:**

73.00

**Zrs Impedance Magnitude In Ohms:**

55.00

**Zrs Impedance Angle In Deg:**

18.00

**Phase Shift Angle In Deg:**

16.800 input to output

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

17.00 output

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

26.00

**Electrical Error Angular Range In Minutes:**

-15.0 to 15.0

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

16.0 centimeter-grams

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

16.0 centimeter-grams

**Pilot Length:**

0.0400 inches

**Mounting Surface To Terminal End Distance:**

1.3000 inches

**Terminal Location:**

Rear

**Shaft Slot Depth:**

0.0300 inches single shaft

**Shaft Slot Width:**

0.0200 inches single shaft

**Shaft Type:**

Round, slotted single shaft

**Terminal Type And Quantity:**

6 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800