

View Online at <https://aerobasegroup.com/nsn/5990-00-762-4048>

**Body Material:**

Any acceptable

**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:**

2.0150 inches

**Flange Diameter:**

Between 1.0570 inches and 1.0650 inches

**Flange Thickness:**

Between 0.0900 inches and 0.0960 inches

**Undercut Diameter:**

Between 0.9700 inches and 0.9800 inches

**Undercut Width:**

0.0500 inches

**Shaft Diameter:**

0.1195 inches front shaft and 0.1200 inches front shaft

**Shaft Length:**

0.3594 inches front shaft and 0.3906 inches front shaft

**Body Size:**

11

**Stator Input Voltage Rating In Volts:**

10.2

**Stator Input Current Rating:**

350.0 milliamperes

**Stator Input Electrical Power Rating:**

1.0 watts

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

Between 11.20 and 16.80

**Zso Resistance In Ohms:**

Between 12.80 and 19.20

**Zrs Resistance In Ohms:**

Between 15.60 and 23.40

**Zso-9 Designator Impedance Magnitude In Ohms:**

210.00

**Phase Shift Angle In Deg:**

Between 4.000 input to output and 8.000 input to output

**Electrical Error Angular Range In Minutes:**

-12.0/+12.0

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

9.0 centimeter-grams

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

3.0 centimeter-grams

**Pilot Length:**

Between 0.0590 inches and 0.0650 inches

**Shoulder Length:**

Between 0.0590 inches and 0.0650 inches

**Mounting Surface To Terminal End Distance:**

1.6400 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

Between 58.96 and 88.44

**Plus J Zso Reactance In Ohms:**

Between 61.36 and 92.04

**Plus J Zrs Reactance In Ohms:**

Between 7.60 and 11.40

**Shaft Type:**

Round front shaft

**Terminal Type And Quantity:**

6 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A07800