

View Online at <https://aerobasegroup.com/nsn/5990-00-104-4898>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round a

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

1.9710 inches

**Flange Diameter:**

0.7500 inches

**Flange Thickness:**

Between 0.0590 inches and 0.0650 inches

**Undercut Diameter:**

Between 0.6880 inches and 0.6910 inches

**Undercut Width:**

Between 0.0590 inches and 0.0650 inches

**Shaft Diameter:**

0.1245 inches single shaft and 0.1250 inches single shaft

**Shaft Length:**

0.4610 inches single shaft and 0.4850 inches single shaft

**Body Size:**

8

**Stator Input Voltage Rating In Volts:**

15.0

**Stator Input Current Rating:**

9.0 milliamperes

**Stator Input Electrical Power Rating:**

51.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

570.00

**Zso Resistance In Ohms:**

615.00

**Zrs Resistance In Ohms:**

995.00

**Phase Shift Angle In Deg:**

15.500 output to input

**Electrical Error Angular Range In Minutes:**

-2.0/+2.0

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

9.0 centimeter-grams

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

3.0 centimeter-grams

**Shaft Radial Play Test Point:**

0.125 inches

**Shaft Maximum Radial Play:**

0.0008 inches

**Shaft End Play:**

Between 0.0005 inches and 0.0015 inches

**Pilot Length:**

0.0400 inches

**Mounting Surface To Terminal End Distance:**

1.5000 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

2215.00

**Plus J Zso Reactance In Ohms:**

1930.00

**Plus J Zrs Reactance In Ohms:**

350.00

**Shaft Type:**

Round front shaft

**Transformation Ratio:**

0.980 rotor to stator

**Shaft Radial Play Determining Weight:**

4.0 ounces

**Shaft End Play Determining Weight:**

8.0 ounces

**Terminal Type And Quantity:**

4 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800