

View Online at <https://aerobasegroup.com/nsn/5990-00-784-0910>

**Body Style:**

Standard round a

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

1.6680 inches

**Flange Diameter:**

Between 0.7450 inches and 0.7530 inches

**Flange Thickness:**

Between 0.0590 inches and 0.0650 inches

**Undercut Width:**

Between 0.0590 inches and 0.0650 inches

**Shaft Diameter:**

0.1195 inches single shaft

**Shaft Length:**

0.3780 inches single shaft and 0.4020 inches single shaft

**Maximum Temperature Rise:**

9.0 degrees celsius

**Body Size:**

13

**Rotor Input Voltage Rating In Volts:**

26.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

114.0 milliamperes

**Rotor Input Electrical Power Rating:**

650.0 milliwatts

**Zrs Resistance In Ohms:**

120.00

**Zro Impedance Magnitude In Ohms:**

52.00

**Zro Impedance Angle In Deg:**

71.00

**Zso Impedance Magnitude In Ohms:**

269.00

**Zso Impedance Angle In Deg:**

75.00

**Rotor Dc Resistance In Ohms:**

Between 50.00 and 68.00

**Stator Dc Resistance In Ohms:**

Between 15.30 and 20.70

**Phase Shift Angle In Deg:**

13.000 input to output

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

12.00 centimeter-grams

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

3.00 centimeter-grams

**Pilot Length:**

Between 0.0370 inches and 0.0430 inches

**Mounting Surface To Terminal End Distance:**

1.2400 inches

**Terminal Location:**

Rear

**Plus J Zrs Reactance In Ohms:**

38.00

**Shaft Type:**

Round single shaft

**Transformation Ratio:**

Between 0.436 rotor to stator and 0.472 rotor to stator

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A07800