

View Online at <https://aerobasegroup.com/nsn/5990-00-113-6081>

**Body Material:**

Steel, corrosion resisting

**Body Style:**

Standard round a

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

1.6240 inches

**Flange Diameter:**

Between 0.7470 inches and 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:**

0.0895 inches single shaft and 0.0900 inches single shaft

**Shaft Length:**

0.3660 inches single shaft and 0.3900 inches single shaft

**Fragility Factor:**

Moderately rugged

**Body Size:**

8

**Stator Input Voltage Rating In Volts:**

11.8

**Stator Input Current Rating:**

14.0 milliamperes

**Stator Input Electrical Power Rating:**

33.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

887.00

**Zso Resistance In Ohms:**

230.00

**Zrs Resistance In Ohms:**

1224.00

**Rotor Dc Resistance In Ohms:**

625.00

**Stator Dc Resistance In Ohms:**

180.00

**Phase Shift Angle In Deg:**

10.800 input to output

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

4.0 centimeter-grams

**Shaft End Play:**

Between 0.0005 inches and 0.0015 inches

**Pilot Length:**

Between 0.0380 inches and 0.0430 inches

**Mounting Surface To Terminal End Distance:**

1.2400 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

3912.00

**Shaft Slot Depth:**

0.0250 inches single shaft and 0.0350 inches single shaft

**Plus J Zso Reactance In Ohms:**

956.00

**Shaft Slot Width:**

0.0200 inches single shaft and 0.0300 inches single shaft

**Plus J Zrs Reactance In Ohms:**

428.00

**Shaft Type:**

Round, slotted single shaft

**Transformation Ratio:**

1.907 rotor to stator

**Shaft End Play Determining Weight:**

8.0 ounces

**Terminal Type And Quantity:**

6 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A07800