

View Online at <https://aerobasegroup.com/nsn/5990-00-883-9721>

**Body Material:**

Steel, corrosion resisting

**Body Style:**

Standard round c

**Shoulder Diameter:**

Between 0.8118 inches and 0.8123 inches

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

1.7410 inches

**Flange Diameter:**

Between 0.9270 inches and 0.9400 inches

**Flange Thickness:**

Between 0.0570 inches and 0.0670 inches

**Undercut Diameter:**

0.8400 inches

**Undercut Width:**

Between 0.0570 inches and 0.0670 inches

**Shaft Diameter:**

0.0895 inches single shaft and 0.0905 inches single shaft

**Shaft Length:**

0.4070 inches single shaft

**Fragility Factor:**

Moderately rugged

**Body Size:**

10

**Stator Input Voltage Rating In Volts:**

2.0

**Stator Input Current Rating:**

5.4 milliamperes

**Frequency In Hertz:**

Between 1000.0 and 100000.0

**Zso Resistance In Ohms:**

6.80

**Zrs Resistance In Ohms:**

9.90

**Phase Shift Angle In Deg:**

2.500 input to output

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

45.00 centimeter-grams

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

15.00 centimeter-grams

**Pilot Length:**

0.0330 mils and 0.0430 centimeters

**Shoulder Length:**

0.0570 mils and 0.0670 centimeters

**Mounting Surface To Terminal End Distance:**

9.2810 inches

**Shaft Maximum Runout:**

0.0010 inches

**Terminal Location:**

Rear

**Shaft Slot Depth:**

0.0470 inches single shaft

**Plus J Zso Reactance In Ohms:**

26.00

**Shaft Slot Width:**

0.0200 inches single shaft

**Plus J Zrs Reactance In Ohms:**

30.70

**Shaft Type:**

Round, slotted single shaft

**Transformation Ratio:**

Between 0.995 rotor to stator and 1.000 rotor to stator

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800