

View Online at <https://aerobasegroup.com/nsn/5990-00-529-8767>

**Body Material:**

Any acceptable

**Body Style:**

Standard round a

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

1.7350 inches

**Flange Diameter:**

Between 0.7470 inches and 0.7500 inches

**Flange Thickness:**

Between 0.0590 inches and 0.0650 inches

**Undercut Diameter:**

0.6910 inches

**Undercut Width:**

Between 0.0590 inches and 0.0650 inches

**Shaft Diameter:**

0.1242 inches single shaft and 0.1247 inches single shaft

**Shaft Length:**

0.4220 inches single shaft and 0.4520 inches single shaft

**Securing Hole Quantity:**

3

**Body Size:**

8

**Stator Input Voltage Rating In Volts:**

11.8

**Stator Input Current Rating:**

32.5 milliamperes

**Stator Input Electrical Power Rating:**

74.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

1300.00

**Zso Resistance In Ohms:**

94.00

**Zrs Resistance In Ohms:**

1385.00

**Rotor Dc Resistance In Ohms:**

540.00

**Stator Dc Resistance In Ohms:**

85.00

**Phase Shift Angle In Deg:**

16.000 input to output

**Maximum Total Null Voltage Output In Millivolts Per Volt:**

40.00

**Electrical Error Angular Range In Minutes:**

-10.0/+10.0

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

0.8 centimeter-grams

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

0.4 centimeter-grams

**Pilot Length:**

Between 0.0430 inches and 0.0470 inches

**Mounting Surface To Terminal End Distance:**

1.2400 inches

**Mounting Facility Screw Thread Series Designator:**

Unf

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

1975.00

**Shaft Slot Depth:**

0.0200 inches single shaft and 0.0300 inches single shaft

**Shaft Slot Width:**

0.0150 inches single shaft and 0.0250 inches single shaft

**Plus J Zrs Reactance In Ohms:**

675.00

**Shaft Type:**

Round, slotted single shaft

**Alignment Hole Depth:**

0.0750 inches

**Mounting Facility Screw Thread Diameter:**

0.060 inches

**Transformation Ratio:**

2.203 rotor to stator

**Alignment Hole Bolt Circle Diameter:**

0.5910 inches

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A07800