

View Online at <https://aerobasegroup.com/nsn/5990-00-942-6537>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round a

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

Between 2.5700 inches and 2.6300 inches

**Flange Diameter:**

Between 0.7470 inches and 0.7530 inches

**Flange Thickness:**

0.0620 inches

**Undercut Diameter:**

Between 0.6880 inches and 0.6910 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.1872 inches single shaft

**Shaft Length:**

0.5400 inches single shaft

**Body Size:**

8

**Stator Input Voltage Rating In Volts:**

11.8

**Stator Input Current Rating:**

9.0 amperes

**Stator Input Electrical Power Rating:**

17.0 watts

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

1300.00

**Zso Resistance In Ohms:**

250.00

**Zrs Resistance In Ohms:**

1550.00

**Rotor Dc Resistance In Ohms:**

81.000

**Stator Dc Resistance In Ohms:**

326.00

**Phase Shift Angle In Deg:**

7.500 input to output

**Maximum Fundamental Null Voltage In Millivolts Per Volt:**

26.00 output

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

30.00

**Electrical Error Angular Range In Minutes:**

-4.0/+4.0

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

6.00 centimeter-grams

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

3.00 centimeter-grams

**Pilot Length:**

Between 0.0380 inches and 0.0430 inches

**Mounting Surface To Terminal End Distance:**

1.2400 inches

**Shaft Thread Series Designator:**

Unf single shaft

**Shaft Thread Direction:**

Right-hand single shaft

**Shaft Thread Class:**

2a

**Terminal Location:**

Side

**Shaft Thread Length:**

0.3500 inches single shaft

**Plus J Zro Reactance In Ohms:**

6900.00

**Plus J Zso Reactance In Ohms:**

1230.00

**Plus J Zrs Reactance In Ohms:**

750.00

**Shaft Type:**

Round, threaded single shaft

**Transformation Ratio:**

2.203 rotor to stator

**Shaft Thread Size:**

0.250 inches single shaft

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A07800