

View Online at <https://aerobasegroup.com/nsn/5990-00-359-9813>

**Body Material:**

Any acceptable

**Body Style:**

Standard round a

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

1.9380 inches

**Flange Diameter:**

Between 0.7490 inches and 0.7500 inches

**Flange Thickness:**

0.0620 inches

**Undercut Diameter:**

Between 0.6880 inches and 0.6910 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.0895 inches single shaft and 0.0900 inches single shaft

**Shaft Length:**

0.3320 inches single shaft

**Fragility Factor:**

Moderately rugged

**Body Size:**

8

**Rotor Input Voltage Rating In Volts:**

26.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

100.0 milliamperes

**Rotor Input Electrical Power Rating:**

540.0 milliwatts

**Zro Resistance In Ohms:**

Between 45.90 and 62.10

**Zso Resistance In Ohms:**

Between 10.20 and 13.80

**Zrs Resistance In Ohms:**

Between 66.80 and 93.20

**Rotor Dc Resistance In Ohms:**

Between 33.30 and 40.70

**Stator Dc Resistance In Ohms:**

Between 10.80 and 13.20

**Phase Shift Angle In Deg:**

8.500 input to output

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

30.00 output

**Electrical Error Angular Range In Minutes:**

-7.0/+7.0

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

6.0 centimeter-grams

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

3.0 centimeter-grams

**Torque Gradient Per Angular Deg:**

2200.0 millimeter-milligrams

**Pilot Length:**

0.0430 inches

**Mounting Surface To Terminal End Distance:**

1.3680 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

Between 234.00 and 286.00

**Shaft Slot Depth:**

0.0200 inches single shaft and 0.0300 inches single shaft

**Plus J Zso Reactance In Ohms:**

540.50

**Shaft Slot Width:**

0.0150 inches single shaft and 0.0250 inches single shaft

**Plus J Zrs Reactance In Ohms:**

Between 17.80 and 22.20

**Shaft Type:**

Round, slotted single shaft

**Terminal Type And Quantity:**

5 turret

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A07800