

View Online at <https://aerobasegroup.com/nsn/5990-00-753-8870>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round a

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

Between 1.5990 inches and 1.6150 inches

**Flange Diameter:**

Between 0.7445 inches and 0.7450 inches

**Flange Thickness:**

0.0620 inches

**Undercut Diameter:**

0.6910 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.1195 inches single shaft and 0.1200 inches single shaft

**Shaft Length:**

0.3590 inches single shaft and 0.3750 inches single shaft

**Body Size:**

8

**Stator Input Voltage Rating In Volts:**

26.0

**Stator Input Current Rating:**

18.0 milliamperes

**Stator Input Electrical Power Rating:**

70.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

550.00

**Zso Resistance In Ohms:**

467.00

**Zrs Resistance In Ohms:**

795.00

**Rotor Dc Resistance In Ohms:**

560.00

**Stator Dc Resistance In Ohms:**

350.00

**Phase Shift Angle In Deg:**

8.000 input to 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:**

15.0 centimeter-grams

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

3.0 centimeter-grams

**Pilot Length:**

Between 0.0400 inches and 0.0430 inches

**Mounting Surface To Terminal End Distance:**

1.2400 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

2000.00

**Shaft Slot Depth:**

0.0310 inches single shaft

**Plus J Zso Reactance In Ohms:**

600.00

**Shaft Slot Width:**

0.0250 inches single shaft

**Plus J Zrs Reactance In Ohms:**

310.00

**Shaft Type:**

Round, slotted single shaft

**Transformation Ratio:**

1.000 rotor to stator

**Terminal Type And Quantity:**

7 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fiig:**

A07800