

View Online at <https://aerobasegroup.com/nsn/5990-00-125-1375>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round a

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

1.9400 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:**

0.1195 inches single shaft and 0.1200 inches single shaft

**Shaft Length:**

0.4910 inches single shaft and 0.6400 inches single shaft

**Maximum Temperature Rise:**

15.0 degrees celsius

**Body Size:**

8

**Stator Input Voltage Rating In Volts:**

Between 0.1 and 10.0

**Stator Input Current Rating:**

15.0 milliamperes

**Stator Input Electrical Power Rating:**

25.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

310.00

**Zso Resistance In Ohms:**

246.00

**Transformation Ratio Equality In Percent:**

0.2

**Compensation Method:**

Winding compensated

**Zco Impedance Magnitude In Ohms:**

460.00

**Zco Impedance Angle In Deg:**

832.00

**Compensator Transformation Ratio In Percent:**

0.980 rotor to compensator

**Phase Shift Angle In Deg:**

16.000 input to output

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

12.00

**Output Voltage Functional Error Range In Percent:**

-0.1/+0.1

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

9.0 centimeter-grams

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

5.0 centimeter-grams

**Pilot Length:**

Between 0.0380 inches and 0.0430 inches

**Mounting Surface To Terminal End Distance:**

1.3000 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

880.00

**Shaft Slot Depth:**

0.0300 inches single shaft

**Plus J Zso Reactance In Ohms:**

760.00

**Shaft Slot Width:**

0.0250 inches single shaft

**Shaft Type:**

Round, slotted single shaft

**Transformation Ratio:**

1.000 rotor to stator

**Terminal Type And Quantity:**

12 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800