

View Online at <https://aerobasegroup.com/nsn/5990-00-065-3081>

**Body Material:**

Steel, corrosion resisting

**Body Style:**

Standard round b

**Shoulder Diameter:**

Between 0.8118 inches and 0.8128 inches

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

1.7360 inches

**Flange Diameter:**

Between 0.9360 inches and 0.9370 inches

**Flange Thickness:**

0.0630 inches

**Undercut Width:**

0.0570 inches

**Shaft Diameter:**

0.0895 inches single shaft and 0.0900 inches single shaft

**Shaft Length:**

0.4370 inches single shaft

**Maximum Temperature Rise:**

125.0 degrees celsius

**Body Size:**

10

**Rotor Input Voltage Rating In Volts:**

Between 25.7 and 26.3

**Frequency In Hertz:**

Between 396.0 and 404.0

**Rotor Input Current Rating:**

163.0 milliamperes

**Rotor Input Electrical Power Rating:**

720.0 milliwatts

**Zro Resistance In Ohms:**

Between 22.00 and 33.00

**Zso Resistance In Ohms:**

Between 5.70 and 9.70

**Zrs Resistance In Ohms:**

Between 37.60 and 56.40

**Rotor Dc Resistance In Ohms:**

Between 14.11 and 19.09

**Stator Dc Resistance In Ohms:**

Between 6.80 and 7.80

**Phase Shift Angle In Deg:**

Between 3.000 input to output and 5.000 input to output

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

30.00 input

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

30.00

**Electrical Error Angular Range In Minutes:**

-12.0 to 12.0

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

9.0 centimeter-grams

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

3.0 centimeter-grams

**Pilot Length:**

0.0380 inches

**Shoulder Length:**

0.0620 inches

**Mounting Surface To Terminal End Distance:**

1.1840 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

Between 147.90 and 200.10

**Shaft Slot Depth:**

0.0300 inches single shaft

**Plus J Zso Reactance In Ohms:**

Between 25.92 and 35.08

**Shaft Slot Width:**

0.0200 inches single shaft

**Plus J Zrs Reactance In Ohms:**

Between 13.60 and 18.40

**Shaft Type:**

Round, slotted single shaft

**Transformation Ratio:**

Between 0.440 rotor to stator and 0.468 rotor to stator

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800