

View Online at <https://aerobasegroup.com/nsn/5990-00-008-8466>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round c

**Shoulder Diameter:**

Between 0.8113 inches and 0.8123 inches

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

Between 1.6010 inches and 1.6310 inches

**Flange Diameter:**

Between 0.9360 inches and 0.9370 inches

**Flange Thickness:**

0.0620 inches

**Undercut Diameter:**

Between 0.9320 inches and 0.9420 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.0895 inches single shaft and 0.0900 inches single shaft

**Shaft Length:**

0.3600 inches single shaft and 0.3900 inches single shaft

**Body Size:**

10

**Rotor Input Voltage Rating In Volts:**

26.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

49.0 milliamperes

**Rotor Input Electrical Power Rating:**

328.0 milliwatts

**Zro Resistance In Ohms:**

Between 162.20 and 220.80

**Zso Resistance In Ohms:**

Between 34.00 and 46.00

**Rotor Dc Resistance In Ohms:**

Between 134.00 and 186.00

**Stator Dc Resistance In Ohms:**

Between 36.00 and 54.00

**Phase Shift Angle In Deg:**

15.000 input to output

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

40.00

**Electrical Error Angular Range In Minutes:**

-7.0/+7.0

**Pilot Length:**

Between 0.0330 inches and 0.0430 inches

**Shoulder Length:**

Between 0.0570 inches and 0.0670 inches

**Mounting Surface To Terminal End Distance:**

1.2410 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

Between 525.75 and 664.25

**Shaft Slot Depth:**

0.0250 inches single shaft and 0.0350 inches single shaft

**Plus J Zso Reactance In Ohms:**

Between 89.25 and 120.75

**Shaft Slot Width:**

0.0150 inches single shaft and 0.0200 inches single shaft

**Shaft Type:**

Round, slotted single shaft

**Transformation Ratio:**

0.454 rotor to stator

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A07800