

View Online at <https://aerobasegroup.com/nsn/5990-00-162-6080>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round a

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

Between 1.6010 inches and 1.6310 inches

**Flange Diameter:**

0.7600 inches

**Flange Thickness:**

0.0620 inches

**Undercut Diameter:**

0.6910 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.0900 inches single shaft

**Shaft Length:**

0.3600 inches single shaft and 0.3900 inches single shaft

**Schematic Diagram Designator:**

1 y-rotor, 1 y-stator

**Fragility Factor:**

Moderately rugged

**Body Size:**

8

**Stator Input Voltage Rating In Volts:**

11.8

**Stator Input Current Rating:**

33.0 milliamperes

**Stator Input Electrical Power Rating:**

73.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

109.00

**Zso Resistance In Ohms:**

81.00

**Zrs Resistance In Ohms:**

120.00

**Rotor Dc Resistance In Ohms:**

98.00

**Stator Dc Resistance In Ohms:**

64.00

**Phase Shift Angle In Deg:**

8.500 input to output

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

30.00

**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

**Shaft Maximum Radial Play:**

0.0010 inches

**Shaft End Play:**

Between 0.0003 inches and 0.0015 inches

**Pilot Length:**

Between 0.0370 inches and 0.0430 inches

**Mounting Surface To Terminal End Distance:**

1.2410 inches

**Shaft Maximum Runout:**

0.0010 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

362.00

**Shaft Slot Depth:**

0.0200 inches single shaft and 0.0400 inches single shaft

**Plus J Zso Reactance In Ohms:**

330.00

**Shaft Slot Width:**

0.0150 inches single shaft and 0.0350 inches single shaft

**Plus J Zrs Reactance In Ohms:**

35.00

**Shaft Type:**

Round, slotted single shaft

**Shaft Radial Play Determining Weight:**

4.0 ounces

**Shaft End Play Determining Weight:**

8.0 ounces

**Terminal Type And Quantity:**

6 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A07800