

View Online at <https://aerobasegroup.com/nsn/5990-01-351-3746>

**Body Material:**

Aluminum

**Body Style:**

Standard round d

**Shoulder Diameter:**

Between 0.8118 inches and 0.8123 inches

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Second Shoulder Diameter:**

Between 0.9360 inches and 0.9370 inches

**Second Shoulder Length:**

0.0630 inches

**Overall Length:**

1.7710 inches

**Flange Diameter:**

Between 0.8350 inches and 0.8450 inches

**Flange Thickness:**

Between 0.0570 inches and 0.0670 inches

**Body Diameter:**

0.9290 mils and 0.9390 centimeters

**Shaft Diameter:**

0.0895 inches single shaft and 0.0900 inches single shaft

**Shaft Length:**

0.4270 inches single shaft and 0.4470 inches single shaft

**Body Size:**

10

**Stator Input Voltage Rating In Volts:**

26.0

**Stator Input Current Rating:**

32.0 milliamperes

**Stator Input Electrical Power Rating:**

220.0 milliwatts

**Rotor Input Voltage Rating In Volts:**

11.8

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

82.0 milliamperes

**Rotor Input Electrical Power Rating:**

230.0 allqjaa3.500 finished-chamfered

**Zro Resistance In Ohms:**

34.00

**Zso Resistance In Ohms:**

212.00

**Zss Resistance In Ohms:**

44.00

**Rotor Dc Resistance In Ohms:**

32.00

**Stator Dc Resistance In Ohms:**

166.00

**Phase Shift Angle In Deg:**

11.600 input to output

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

0.03 output

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

16.0 centimeter-grams

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

4.0 centimeter-grams

**Shaft Maximum Radial Play:**

0.0005 inches

**Shaft End Play:**

Between 0.0003 inches and 0.0008 inches

**Pilot Length:**

0.0330 mils and 0.0430 centimeters

**Shoulder Length:**

0.0570 mils and 0.0670 centimeters

**Aft Of First Flange Diameter:**

Between 0.9320 inches and 0.9420 inches

**Mounting Surface To Terminal End Distance:**

1.2810 inches

**Shaft Maximum Runout:**

0.0010 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

119.00

**Plus J Zso Reactance In Ohms:**

783.00

**Shaft Type:**

Round single shaft

**Plus J Zss Reactance In Ohms:**

14.00

**Transformation Ratio:**

0.407 rotor to stator

**Shaft Radial Play Determining Weight:**

4.0 ounces

**Shaft End Play Determining Weight:**

8.0 ounces

**Terminal Type And Quantity:**

7 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A07800