

View Online at <https://aerobasegroup.com/nsn/5990-01-327-1094>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round a

**Pilot Diameter:**

Between 0.4950 inches and 0.5050 inches

**Overall Length:**

2.0770 inches

**Flange Diameter:**

Between 0.7495 inches and 0.7500 inches

**Flange Thickness:**

Between 0.0590 inches and 0.0650 inches

**Undercut Diameter:**

Between 0.6880 inches and 0.6910 inches

**Undercut Width:**

Between 0.0470 inches and 0.0770 inches

**Shaft Diameter:**

0.1195 inches single shaft and 0.1200 inches single shaft

**Shaft Length:**

0.5470 inches single shaft and 0.5770 inches single shaft

**Body Size:**

8

**Rotor Input Voltage Rating In Volts:**

115.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

40.0 milliamperes

**Rotor Input Electrical Power Rating:**

1.0 watts finished-chamfered

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

30.00

**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:**

0.0010 inches

**Shaft End Play:**

Between 0.0005 inches and 0.0015 inches

**Pilot Length:**

0.0380 mils and 0.0430 centimeters

**Mounting Surface To Terminal End Distance:**

1.5000 inches

**Shaft Maximum Runout:**

0.0010 inches

**Terminal Location:**

Rear

**Shaft Slot Depth:**

0.0220 inches single shaft and 0.0350 inches single shaft

**Shaft Slot Width:**

0.0200 inches single shaft and 0.0320 inches single shaft

**Shaft Type:**

Round, slotted single shaft

**Transformation Ratio:**

0.102 stator to rotor

**Shaft Radial Play Determining Weight:**

4.0 ounces

**Shaft End Play Determining Weight:**

8.0 ounces

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A07800