

View Online at <https://aerobasegroup.com/nsn/5990-00-991-4484>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round a

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

3.2620 inches

**Flange Diameter:**

Between 0.9360 inches and 0.9370 inches

**Flange Thickness:**

Between 0.0330 inches and 0.0430 inches

**Undercut Diameter:**

Between 0.8350 inches and 0.8450 inches

**Undercut Width:**

Between 0.0570 inches and 0.0670 inches

**Shaft Diameter:**

0.0895 inches single shaft and 0.0900 inches single shaft

**Maximum Temperature Rise:**

125.0 degrees celsius

**Body Size:**

9

**Stator Input Voltage Rating In Volts:**

11.8

**Stator Input Current Rating:**

Between 0.030 amperes and 0.087 amperes

**Stator Input Electrical Power Rating:**

Between 0.073 watts and 0.210 watts

**Frequency In Hertz:**

400.0

**Rotor Dc Resistance In Ohms:**

Between 36.00 and 98.00

**Stator Dc Resistance In Ohms:**

Between 24.00 and 64.00

**Phase Shift Angle In Deg:**

Between 8.500 input to output and 9.000 input to output

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

0.030 input

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

30.00 centimeter-grams

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

10.00 centimeter-grams

**Shaft Maximum Radial Play:**

0.0005 inches

**Shaft End Play:**

0.0008 inches

**Pilot Length:**

0.0330 mils and 0.0430 centimeters

**Mounting Surface To Terminal End Distance:**

2.7000 inches

**Shaft Maximum Runout:**

0.0010 inches

**Terminal Location:**

Side

**Shaft Slot Depth:**

0.0250 inches single shaft and 0.0350 inches single shaft

**Shaft Slot Width:**

0.0150 inches single shaft and 0.0250 inches single shaft

**Shaft Type:**

Round, slotted single shaft

**Transformation Ratio:**

Between 1.128 stator to rotor and 1.154 rotor to stator

**Terminal Type And Quantity:**

12 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800