

View Online at <https://aerobasegroup.com/nsn/5990-01-033-7035>

**Body Material:**

Steel, corrosion resisting

**Body Style:**

Standard round c

**Shoulder Diameter:**

1.0000 inches

**Pilot Diameter:**

0.6250 inches

**Overall Length:**

2.1750 inches

**Flange Diameter:**

1.0620 inches

**Flange Thickness:**

0.0930 inches

**Undercut Diameter:**

0.9750 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.1870 inches single shaft and 0.1872 inches single shaft

**Shaft Length:**

0.3120 inches single shaft

**Fragility Factor:**

Moderately rugged

**Maximum Temperature Rise:**

25.0 degrees celsius

**Body Size:**

11

**Rotor Input Voltage Rating In Volts:**

115.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

60.0 milliamperes

**Rotor Input Electrical Power Rating:**

1.0 watts

**Zss Impedance Magnitude In Ohms:**

Between 180.00 and 250.00

**Zss Impedance Angle In Deg:**

Between 22.00 and 28.00

**Phase Shift Angle In Deg:**

6.000 input to output

**Electrical Error Angular Range In Minutes:**

-7.0/+7.0

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

0.07 inch-ounces

**Torque Gradient Per Angular Deg:**

0.008 inch-ounces

**Alignment Hole Quantity:**

4

**Shaft Radial Play Test Point:**

0.125 inches

**Shaft Maximum Radial Play:**

0.0006 inches

**Shaft End Play:**

0.0010 inches

**Pilot Length:**

0.0620 inches

**Shoulder Length:**

0.0690 inches

**Mounting Surface To Terminal End Distance:**

1.8110 inches

**Terminal Location:**

Rear

**Shaft Type:**

Round single shaft

**Alignment Hole Depth:**

0.1250 inches

**Transformation Ratio:**

0.783 rotor to stator

**Alignment Hole Bolt Circle Diameter:**

0.8120 inches

**Shaft Radial Play Determining Weight:**

8.0 ounces

**Shaft End Play Determining Weight:**

16.0 ounces

**Terminal Type And Quantity:**

5 screw

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800