

View Online at <https://aerobasegroup.com/nsn/5990-00-813-5085>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round b

**Shoulder Diameter:**

Between 0.9995 inches and 1.0000 inches

**Pilot Diameter:**

Between 0.6245 inches and 0.6250 inches

**Overall Length:**

2.2910 inches

**Flange Diameter:**

1.0670 inches

**Flange Thickness:**

Between 0.0880 inches and 0.0980 inches

**Undercut Width:**

Between 0.0450 inches and 0.0550 inches

**Shaft Diameter:**

0.1195 inches single shaft and 0.1200 inches single shaft

**Shaft Length:**

0.4380 inches single shaft and 0.4420 inches single shaft

**Body Size:**

11

**Rotor Input Voltage Rating In Volts:**

26.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

280.0 milliamperes

**Rotor Input Electrical Power Rating:**

1.11 watts finished-chamfered

**Zro Impedance Magnitude In Ohms:**

18.10

**Zro Impedance Angle In Deg:**

79.50

**Zso Impedance Magnitude In Ohms:**

107.00

**Zso Impedance Angle In Deg:**

81.70

**Rotor Dc Resistance In Ohms:**

9.00

**Stator Dc Resistance In Ohms:**

3.00

**Phase Shift Angle In Deg:**

8.000 input to output

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

26.00

**Electrical Error Angular Range In Minutes:**

-5.0/+5.0

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

4.0 centimeter-grams

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

16.0 centimeter-grams

**Alignment Hole Quantity:**

4

**Shaft Maximum Radial Play:**

0.0005 inches

**Shaft End Play:**

Between 0.0005 inches and 0.0030 inches

**Pilot Length:**

0.0570 mils and 0.0670 centimeters

**Shoulder Length:**

0.0570 mils and 0.0670 centimeters

**Mounting Surface To Terminal End Distance:**

1.7820 inches

**Shaft Maximum Runout:**

0.0008 inches

**Terminal Location:**

Rear

**Shaft Slot Depth:**

0.0250 inches single shaft and 0.0370 inches single shaft

**Shaft Slot Width:**

0.0200 inches single shaft and 0.0370 inches single shaft

**Shaft Type:**

Round, slotted single shaft

**Alignment Hole Depth:**

Between 0.1200 inches and 0.1300 inches

**Transformation Ratio:**

0.454 rotor to stator

**Alignment Hole Bolt Circle Diameter:**

Between 0.8090 inches and 0.8150 inches

**Shaft Radial Play Determining Weight:**

4.0 ounces

**Shaft End Play Determining Weight:**

8.0 ounces

**Test Data Document:**

06481-900141-69 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

**Terminal Type And Quantity:**

5 screw

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800