

View Online at <https://aerobasegroup.com/nsn/5990-01-348-9812>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round c

**Shoulder Diameter:**

Between 0.9995 inches and 1.0000 inches

**Pilot Diameter:**

Between 0.6245 inches and 0.6250 inches

**Overall Length:**

2.2020 inches

**Flange Diameter:**

Between 1.0610 inches and 1.0620 inches

**Flange Thickness:**

Between 0.0570 inches and 0.0670 inches

**Undercut Diameter:**

Between 0.9700 inches and 0.9800 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:**

0.5620 inches single shaft

**Maximum Temperature Rise:**

125.0 degrees celsius

**Stator Input Voltage Rating In Volts:**

11.8

**Stator Input Current Rating:**

0.054 amperes

**Stator Input Electrical Power Rating:**

0.102 watts

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

61.00

**Zrs Resistance In Ohms:**

59.00

**Rotor Dc Resistance In Ohms:**

59.00

**Stator Dc Resistance In Ohms:**

21.00

**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:**

0.0005 inches

**Shaft End Play:**

Between 0.0003 inches and 0.0008 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:**

1.6400 inches

**Shaft Maximum Runout:**

0.0010 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

210.00

**Shaft Slot Depth:**

0.0220 inches single shaft and 0.0320 inches single shaft

**Shaft Slot Width:**

0.0220 inches single shaft and 0.0320 inches single shaft

**Plus J Zrs Reactance In Ohms:**

21.00

**Shaft Type:**

Round, slotted single shaft

**Alignment Hole Depth:**

0.0700 inches

**Transformation Ratio:**

1.166 stator to rotor

**Alignment Hole Bolt Circle Diameter:**

Between 0.8090 inches and 0.8150 inches

**Terminal Type And Quantity:**

6 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800