

View Online at <https://aerobasegroup.com/nsn/5990-00-326-2172>

**Body Material:**

Steel, corrosion resisting

**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:**

Between 2.3080 inches and 2.3320 inches

**Flange Diameter:**

Between 1.0590 inches and 1.0620 inches

**Flange Thickness:**

Between 0.0900 inches and 0.0960 inches

**Undercut Diameter:**

0.9750 inches

**Undercut Width:**

0.0500 inches

**Shaft Diameter:**

0.1195 inches single shaft and 0.1200 inches single shaft

**Shaft Length:**

0.4270 inches single shaft and 0.4470 inches single shaft

**Shaft Undercut Width:**

0.0200 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:**

1.0 watts

**Zro Resistance In Ohms:**

16.20

**Zso Resistance In Ohms:**

3.60

**Zrs Resistance In Ohms:**

22.50

**Zss Resistance In Ohms:**

3.90

**Rotor Dc Resistance In Ohms:**

9.10

**Stator Dc Resistance In Ohms:**

3.00

**Phase Shift Angle In Deg:**

4.400 input to output

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

0.5 centimeter-grams

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

0.3 centimeter-grams

**Torque Gradient Per Angular Deg:**

5760.0 millimeter-milligrams

**Alignment Hole Quantity:**

4

**Pilot Length:**

Between 0.0590 inches and 0.0650 inches

**Shoulder Length:**

Between 0.0590 inches and 0.0650 inches

**Mounting Surface To Terminal End Distance:**

Between 1.8810 inches and 1.8850 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

105.00

**Shaft Slot Depth:**

0.0160 inches single shaft and 0.0310 inches single shaft

**Plus J Zso Reactance In Ohms:**

17.60

**Shaft Slot Width:**

0.0270 inches single shaft and 0.0290 inches single shaft

**Plus J Zrs Reactance In Ohms:**

7.28

**Shaft Type:**

Round, slotted, undercut single shaft

**Plus J Zss Reactance In Ohms:**

1.00

**Transformation Ratio:**

0.454 rotor to stator

**Shaft Tip Length:**

0.0750 inches single shaft

**Alignment Hole Bolt Circle Diameter:**

0.8150 inches

**Shaft Undercut Diameter:**

0.0960 inches single shaft

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A07800