

View Online at <https://aerobasegroup.com/nsn/5990-01-114-4270>

**Body Material:**

Aluminum

**Body Style:**

Standard round a

**Pilot Diameter:**

Between 0.6245 inches and 0.6250 inches

**Overall Length:**

2.6540 inches

**Flange Diameter:**

Between 1.0610 inches and 1.0620 inches

**Flange Thickness:**

Between 0.0880 inches and 0.0980 inches

**Undercut Diameter:**

Between 0.9995 inches and 1.0000 inches

**Undercut Width:**

Between 0.0450 inches and 0.0550 inches

**Shaft Diameter:**

0.1195 inches rear shaft and 0.1200 inches rear shaft

**Shaft Length:**

0.5000 inches rear shaft

**Body Size:**

11

**Rotor Input Voltage Rating In Volts:**

26.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

240.0 milliamperes

**Rotor Input Electrical Power Rating:**

920.0 milliwatts

**Zro Resistance In Ohms:**

16.00

**Zso Resistance In Ohms:**

3.70

**Rotor Dc Resistance In Ohms:**

8.50

**Stator Dc Resistance In Ohms:**

3.00

**Phase Shift Angle In Deg:**

5.000 input to output

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

30.00 input

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

16.0 centimeter-grams

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

4.0 centimeter-grams

**Torque Gradient Per Angular Deg:**

5700.0 millimeter-milligrams

**Alignment Hole Quantity:**

4

**Mounting Surface To Terminal End Distance:**

1.6000 inches

**Terminal Location:**

Rear

**Shaft Slot Depth:**

0.0220 inches rear shaft and 0.0320 inches rear shaft

**Shaft Slot Width:**

0.0220 inches rear shaft and 0.0320 inches rear shaft

**Shaft Type:**

Round, slotted rear shaft

**Alignment Hole Depth:**

0.0700 inches

**Transformation Ratio:**

0.450 stator to rotor

**Alignment Hole Bolt Circle Diameter:**

1.6240 inches

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fig:**

A07800