

View Online at <https://aerobasegroup.com/nsn/5990-00-251-0965>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round c

**Shoulder Diameter:**

0.8230 inches

**Pilot Diameter:**

0.5000 inches

**Overall Length:**

1.6590 inches

**Flange Diameter:**

0.9420 inches

**Flange Thickness:**

0.0620 inches

**Undercut Diameter:**

0.0840 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.0900 inches single shaft

**Shaft Length:**

0.3430 inches single shaft and 0.4062 inches single shaft

**Body Size:**

10

**Rotor Input Voltage Rating In Volts:**

26.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

170.0 milliamperes

**Rotor Input Electrical Power Rating:**

760.0 watts

**Zro Resistance In Ohms:**

32.00

**Zrs Resistance In Ohms:**

47.00

**Rotor Dc Resistance In Ohms:**

16.60

**Stator Dc Resistance In Ohms:**

7.30

**Phase Shift Angle In Deg:**

6.000 input to output

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

0.03 input

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

6.0 centimeter-grams

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

3.0 centimeter-grams

**Torque Gradient Per Angular Deg:**

2790.0 millimeter-milligrams

**Alignment Hole Quantity:**

3

**Pilot Length:**

0.0380 inches

**Shoulder Length:**

0.0620 inches

**Mounting Surface To Terminal End Distance:**

1.2460 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

180.00

**Shaft Slot Depth:**

0.0310 inches single shaft

**Plus J Zso Reactance In Ohms:**

31.00

**Shaft Slot Width:**

0.0270 inches single shaft

**Plus J Zrs Reactance In Ohms:**

16.00

**Shaft Type:**

Round, slotted single shaft

**Alignment Hole Depth:**

0.0500 inches

**Alignment Hole Bolt Circle Diameter:**

Between 0.6750 inches and 0.6810 inches

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fiig:**

A07800