

View Online at <https://aerobasegroup.com/nsn/5990-00-847-1164>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round c

**Shoulder Diameter:**

Between 0.8118 inches and 0.8123 inches

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

1.6540 inches

**Flange Diameter:**

Between 0.9360 inches and 0.9370 inches

**Flange Thickness:**

0.0620 inches

**Undercut Diameter:**

Between 0.8350 inches and 0.8400 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.0895 inches single shaft and 0.0900 inches single shaft

**Shaft Length:**

0.4130 inches single shaft

**Body Size:**

10

**Rotor Input Voltage Rating In Volts:**

26.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

55.0 milliamperes

**Rotor Input Electrical Power Rating:**

600.0 milliwatts

**Zro Resistance In Ohms:**

268.00

**Zso Resistance In Ohms:**

65.00

**Zrs Resistance In Ohms:**

342.00

**Rotor Dc Resistance In Ohms:**

200.00

**Stator Dc Resistance In Ohms:**

42.00

**Transformation Ratio Equality In Percent:**

3.0

**Phase Shift Angle In Deg:**

17.000 input to output

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

60.00

**Electrical Error Angular Range In Minutes:**

-18.0/+18.0

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

25.00 centimeter-grams

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

7.00 centimeter-grams

**Alignment Hole Quantity:**

4

**Pilot Length:**

0.0380 inches

**Shoulder Length:**

0.0630 inches

**Mounting Surface To Terminal End Distance:**

1.2410 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

620.00

**Shaft Slot Depth:**

0.0160 inches single shaft and 0.0310 inches single shaft

**Plus J Zso Reactance In Ohms:**

188.00

**Shaft Slot Width:**

0.0270 inches single shaft

**Plus J Zrs Reactance In Ohms:**

118.00

**Shaft Type:**

Round, slotted single shaft

**Alignment Hole Depth:**

0.0630 inches

**Transformation Ratio:**

0.454 rotor to stator

**Alignment Hole Bolt Circle Diameter:**

0.6780 inches

**Terminal Type And Quantity:**

7 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fig:**

A07800