

View Online at <https://aerobasegroup.com/nsn/5990-00-896-8930>

**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:**

Between 1.9984 inches and 2.0306 inches

**Flange Diameter:**

Between 1.0590 inches and 1.0620 inches

**Flange Thickness:**

0.0930 inches

**Undercut Diameter:**

Between 0.9700 inches and 0.9750 inches

**Undercut Width:**

0.0500 inches

**Shaft Diameter:**

0.1200 inches single shaft

**Shaft Length:**

0.3594 inches single shaft and 0.3906 inches single shaft

**Securing Hole Quantity:**

4

**Body Size:**

11

**Stator Input Voltage Rating In Volts:**

78.0

**Stator Input Current Rating:**

17.0 milliamperes

**Stator Input Electrical Power Rating:**

400.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

707.00

**Zso Resistance In Ohms:**

876.00

**Zrs Resistance In Ohms:**

637.00

**Rotor Dc Resistance In Ohms:**

370.00

**Stator Dc Resistance In Ohms:**

602.00

**Phase Shift Angle In Deg:**

1.000 input to output

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

94.00

**Electrical Error Angular Range In Minutes:**

-7.0/+7.0

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

15.0 centimeter-grams

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

3.0 centimeter-grams

**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:**

1.6400 inches

**Mounting Facility Screw Thread Series Designator:**

Unc

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

3194.00

**Shaft Slot Depth:**

0.0300 inches single shaft

**Plus J Zso Reactance In Ohms:**

4580.00

**Shaft Slot Width:**

0.0310 inches single shaft

**Plus J Zrs Reactance In Ohms:**

324.00

**Shaft Type:**

Round, slotted single shaft

**Alignment Hole Depth:**

0.1250 inches

**Mounting Facility Screw Thread Diameter:**

0.112 inches

**Transformation Ratio:**

0.735 rotor to stator

**Alignment Hole Bolt Circle Diameter:**

Between 0.8090 inches and 0.8150 inches

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800