

View Online at <https://aerobasegroup.com/nsn/5990-00-366-0112>

**Body Material:**

Any acceptable

**Body Style:**

Standard round c

**Shoulder Diameter:**

Between 0.9990 inches and 1.0000 inches

**Pilot Diameter:**

Between 0.6240 inches and 0.6250 inches

**Overall Length:**

2.8350 inches

**Flange Diameter:**

Between 1.0570 inches and 1.0670 inches

**Flange Thickness:**

Between 0.0900 inches and 0.0960 inches

**Undercut Diameter:**

0.9750 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.1243 inches single shaft and 0.1247 inches single shaft

**Shaft Length:**

0.4850 inches single shaft and 0.7700 inches single shaft

**Body Size:**

11

**Stator Input Voltage Rating In Volts:**

30.0

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

580.00

**Zso Resistance In Ohms:**

608.00

**Rotor Dc Resistance In Ohms:**

411.00

**Stator Dc Resistance In Ohms:**

235.00

**Compensation Method:**

Winding compensated

**Zco Resistance In Ohms:**

370.00

**Compensator Dc Resistance In Ohms:**

235.00

**Compensator Transformation Ratio In Percent:**

1.010 rotor to compensator

**Phase Shift Angle In Deg:**

9.000 input to output

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

40.00 output

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

40.00

**Interaxis Error Angular Range In Minutes:**

-20.0/+20.0

**Output Voltage Functional Error Range In Percent:**

-2.0/+2.0

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

4.0 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:**

Between 2.0590 inches and 2.0650 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

1620.00

**Plus J Zso Reactance In Ohms:**

168.00

**Shaft Type:**

Round, flatted single shaft

**Transformation Ratio:**

1.000 rotor to stator

**Plus J Zco Reactance In Ohms:**

1400.00

**Shaft Flatted Portion Thickness:**

0.1060 inches single shaft

**Terminal Type And Quantity:**

5 screw

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800