

View Online at <https://aerobasegroup.com/nsn/5990-00-782-1289>

**Body Material:**

Any acceptable

**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:**

2.3450 inches

**Flange Diameter:**

Between 1.0570 inches and 1.0650 inches

**Flange Thickness:**

0.0930 inches

**Undercut Diameter:**

0.9750 inches

**Undercut Width:**

Between 0.0450 inches and 0.0670 inches

**Shaft Diameter:**

0.1245 inches single shaft and 0.1247 inches single shaft

**Shaft Length:**

0.3750 inches single shaft

**Body Size:**

11

**Stator Input Voltage Rating In Volts:**

26.0

**Stator Input Current Rating:**

5.0 milliamperes

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

Between 331.50 and 448.50

**Zso Resistance In Ohms:**

Between 318.75 and 431.25

**Rotor Dc Resistance In Ohms:**

Between 276.25 and 373.75

**Stator Dc Resistance In Ohms:**

Between 233.75 and 316.25

**Compensation Method:**

Network compensated

**Compensator Dc Resistance In Ohms:**

Between 399.50 and 540.50

**Compensator Resonant Frequency In Hertz:**

70000.0

**Phase Shift Angle In Deg:**

Between 5.500 input to output and 11.500 input to output

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

1.00

**Interaxis Error Angular Range In Minutes:**

-3.0/+3.0

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

-0.1/+0.1

**Electrical Error Angular Range In Minutes:**

-5.0/+5.0

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

0.33 inch-ounces

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

0.11 inch-ounces

**Pilot Length:**

0.0620 inches

**Shoulder Length:**

0.0620 inches

**Mounting Surface To Terminal End Distance:**

1.9700 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

2398.00

**Plus J Zso Reactance In Ohms:**

Between 1827.00 and 2233.00

**Shaft Type:**

Round, slotted single shaft

**Transformation Ratio:**

Between 0.963 rotor to stator and 0.987 rotor to stator

**Terminal Type And Quantity:**

12 screw

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fiig:**

A07800