

View Online at <https://aerobasegroup.com/nsn/5990-00-824-6046>

**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:**

Between 2.6940 inches and 2.7300 inches

**Flange Diameter:**

Between 1.0570 inches and 1.0650 inches

**Flange Thickness:**

Between 0.0900 inches and 0.0960 inches

**Undercut Diameter:**

0.9800 inches

**Undercut Width:**

0.0450 inches

**Shaft Diameter:**

0.1247 inches single shaft and 0.1257 inches single shaft

**Shaft Length:**

0.7120 inches single shaft and 0.7130 inches single shaft

**Fragility Factor:**

Moderately rugged

**Body Size:**

11

**Stator Input Voltage Rating In Volts:**

26.0

**Stator Input Current Rating:**

22.0 milliamperes

**Stator Input Electrical Power Rating:**

160.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

Between 493.00 and 667.00

**Zso Resistance In Ohms:**

Between 314.50 and 425.50

**Zrs Resistance In Ohms:**

Between 516.80 and 699.20

**Rotor Dc Resistance In Ohms:**

Between 332.00 and 498.00

**Stator Dc Resistance In Ohms:**

Between 180.00 and 270.00

**Compensation Method:**

Winding compensated

**Err Default:**

Err default and err default

**Phase Shift Angle In Deg:**

Between 8.000 input to output and 10.000 input to output

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

15.00 output

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

15.00

**Electrical Error Angular Range In Minutes:**

-5.0/+5.0

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

15.0 centimeter-grams

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

7.0 centimeter-grams

**Pilot Length:**

0.0650 inches

**Shoulder Length:**

0.0590 inches

**Mounting Surface To Terminal End Distance:**

Between 2.0590 inches and 2.0650 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

Between 1467.00 and 1793.00

**Shaft Slot Depth:**

0.0320 inches single shaft

**Plus J Zso Reactance In Ohms:**

Between 1260.00 and 1540.00

**Shaft Slot Width:**

0.0320 inches single shaft

**Plus J Zrs Reactance In Ohms:**

Between 516.80 and 699.20

**Shaft Type:**

Round, slotted single shaft

**Transformation Ratio:**

Between 0.985 rotor to stator and 1.015 rotor to stator

**Err Default:**

Err default and err default

**Shaft Flatted Portion Thickness:**

0.1060 inches single shaft

**Shaft Flatted Portion Length:**

0.7060 inches single shaft

**Terminal Type And Quantity:**

12 screw

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A07800