

View Online at <https://aerobasegroup.com/nsn/5990-00-104-1617>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round b

**Shoulder Diameter:**

Between 0.9997 inches and 1.0000 inches

**Pilot Diameter:**

Between 0.6247 inches and 0.6250 inches

**Overall Length:**

Between 2.3580 inches and 2.3730 inches

**Flange Diameter:**

Between 1.0610 inches and 1.0620 inches

**Flange Thickness:**

0.0930 inches

**Undercut Width:**

0.0500 inches

**Shaft Diameter:**

0.1190 inches single shaft and 0.1200 inches single shaft

**Shaft Length:**

0.5380 inches single shaft

**Body Size:**

11

**Stator Input Voltage Rating In Volts:**

22.0

**Stator Input Current Rating:**

Between 4.5 milliamperes and 10.0 milliamperes

**Stator Input Electrical Power Rating:**

6.7 milliwatts

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

500.00

**Zso Resistance In Ohms:**

360.00

**Rotor Dc Resistance In Ohms:**

425.00

**Stator Dc Resistance In Ohms:**

280.00

**Transformation Ratio Equality In Percent:**

0.2

**Compensation Method:**

Resistor compensated

**Zco Resistance In Ohms:**

480.00

**Compensator Dc Resistance In Ohms:**

430.00

**Compensator Transformation Ratio In Percent:**

1.007 rotor to compensator

**Phase Shift Angle In Deg:**

7.000 input to output

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

8.00 output

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

10.00

**Interaxis Error Angular Range In Minutes:**

-3.0/+3.0

**Electrical Error Angular Range In Minutes:**

-3.5 to 3.5

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

16.0 centimeter-grams

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

4.0 centimeter-grams

**Alignment Hole Quantity:**

4

**Pilot Length:**

0.0620 inches

**Shoulder Length:**

0.0620 inches

**Mounting Surface To Terminal End Distance:**

Between 1.8200 inches and 1.8350 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

2325.00

**Shaft Slot Depth:**

0.0320 inches single shaft

**Plus J Zso Reactance In Ohms:**

2200.00

**Shaft Slot Width:**

0.0220 inches single shaft

**Shaft Type:**

Round, slotted single shaft

**Alignment Hole Depth:**

0.1250 inches

**Transformation Ratio:**

0.980 rotor to stator

**Plus J Zco Reactance In Ohms:**

2200.00

**Alignment Hole Bolt Circle Diameter:**

0.8120 inches

**Terminal Type And Quantity:**

12 screw

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A07800