

View Online at <https://aerobasegroup.com/nsn/5990-00-557-3669>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round b

**Shoulder Diameter:**

Between 0.1195 inches and 0.1200 inches

**Pilot Diameter:**

0.5000 inches

**Overall Length:**

1.5150 inches

**Flange Diameter:**

Between 1.3100 inches and 1.3140 inches

**Flange Thickness:**

Between 0.0620 inches and 0.0650 inches

**Undercut Width:**

Between 0.0750 inches and 0.0780 inches

**Shaft Diameter:**

0.1195 inches single shaft and 0.1200 inches single shaft

**Shaft Length:**

0.5000 inches single shaft

**Fragility Factor:**

Moderately rugged

**Body Size:**

14

**Stator Input Voltage Rating In Volts:**

9.0

**Stator Input Current Rating:**

175.0 milliamperes

**Stator Input Electrical Power Rating:**

100.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

6150.00

**Zso Resistance In Ohms:**

30.00

**Zrs Resistance In Ohms:**

130.00

**Rotor Dc Resistance In Ohms:**

670.00

**Stator Dc Resistance In Ohms:**

41.00

**Phase Shift Angle In Deg:**

5.000 input to output

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

30.00 input

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

70.00

**Electrical Error Angular Range In Minutes:**

-45.0/+45.0

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

16.0 centimeter-grams

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

6.0 centimeter-grams

**Pilot Length:**

1.2177 inches

**Shoulder Length:**

Between 0.0930 inches and 0.0960 inches

**Mounting Surface To Terminal End Distance:**

Between 1.1080 inches and 1.1110 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

615.00

**Plus J Zso Reactance In Ohms:**

155.00

**Plus J Zrs Reactance In Ohms:**

50.00

**Shaft Type:**

Round single shaft

**Transformation Ratio:**

0.862 rotor to stator

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fig:**

A07800