

View Online at <https://aerobasegroup.com/nsn/5990-00-942-8098>

**Body Material:**

Aluminum

**Body Style:**

Standard round a

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

2.1600 inches

**Flange Diameter:**

Between 0.7490 inches and 0.7500 inches

**Flange Thickness:**

0.0620 inches

**Undercut Diameter:**

Between 0.6880 inches and 0.6910 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.0895 inches single shaft and 0.0900 inches single shaft

**Shaft Length:**

0.5430 inches single shaft

**Body Size:**

8

**Rotor Input Voltage Rating In Volts:**

26.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

100.0 milliamperes

**Rotor Input Electrical Power Rating:**

540.0 milliwatts

**Zro Resistance In Ohms:**

54.00

**Zso Resistance In Ohms:**

12.00

**Zrs Resistance In Ohms:**

88.00

**Rotor Dc Resistance In Ohms:**

37.00

**Stator Dc Resistance In Ohms:**

12.00

**Phase Shift Angle In Deg:**

8.500 input to output

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

30.00

**Electrical Error Angular Range In Minutes:**

-7.0/+7.0

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

16.00 centimeter-grams

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

4.00 centimeter-grams

**Torque Gradient Per Angular Deg:**

2200.0 millimeter-milligrams

**Pilot Length:**

0.0430 inches

**Mounting Surface To Terminal End Distance:**

1.5630 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

260.00

**Plus J Zso Reactance In Ohms:**

45.00

**Plus J Zrs Reactance In Ohms:**

22.00

**Shaft Type:**

Round single shaft

**Transformation Ratio:**

0.454 rotor to stator

**Terminal Type And Quantity:**

5 solder stud

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fiig:**

A07800