

View Online at <https://aerobasegroup.com/nsn/5990-00-503-3718>

**Body Material:**

Aluminum

**Body Style:**

Standard round c

**Shoulder Diameter:**

Between 1.3115 inches and 1.3120 inches

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

2.1310 inches

**Flange Diameter:**

Between 1.4360 inches and 1.4370 inches

**Flange Thickness:**

0.0930 inches

**Undercut Diameter:**

1.3120 inches

**Undercut Width:**

0.0780 inches

**Shaft Diameter:**

0.1195 inches single shaft and 0.1200 inches single shaft

**Shaft Length:**

0.5400 inches single shaft

**Body Size:**

15

**Rotor Input Voltage Rating In Volts:**

26.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

220.0 milliamperes

**Rotor Input Electrical Power Rating:**

1.2 watts

**Zro Resistance In Ohms:**

19.00

**Zso Resistance In Ohms:**

4.70

**Zrs Resistance In Ohms:**

21.00

**Zso-9 Designator Resistance In Ohms:**

3.30

**Rotor Dc Resistance In Ohms:**

8.00

**Stator Dc Resistance In Ohms:**

3.60

**Phase Shift Angle In Deg:**

3.900 input to output

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

20.00

**Electrical Error Angular Range In Minutes:**

-10.0/+10.0

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

30.0 centimeter-grams

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

10.0 centimeter-grams

**Alignment Hole Quantity:**

4

**Pilot Length:**

0.0400 inches

**Shoulder Length:**

0.1320 inches

**Mounting Surface To Terminal End Distance:**

1.5910 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

112.00

**Shaft Slot Depth:**

0.0210 inches single shaft and 0.0310 inches single shaft

**Plus J Zso Reactance In Ohms:**

19.00

**Shaft Slot Width:**

0.0210 inches single shaft and 0.0310 inches single shaft

**Plus J Zrs Reactance In Ohms:**

13.00

**Shaft Type:**

Round, slotted single shaft

**Alignment Hole Depth:**

0.1250 inches

**Transformation Ratio:**

0.450 rotor to stator

**Alignment Hole Bolt Circle Diameter:**

0.8750 inches

**Plus J Zso-9 Designator Reactance In Ohms:**

5.70

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A07800