

View Online at <https://aerobasegroup.com/nsn/5990-00-951-2482>

**Body Material:**

Any acceptable

**Body Style:**

Standard round c

**Shoulder Diameter:**

Between 0.8118 inches and 0.8123 inches

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

Between 1.9760 inches and 2.0390 inches

**Flange Diameter:**

Between 0.9270 inches and 0.9400 inches

**Flange Thickness:**

0.0620 inches

**Undercut Diameter:**

0.8400 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.0900 inches single shaft and 0.0920 inches single shaft

**Shaft Length:**

0.2260 inches single shaft and 0.3750 inches single shaft

**Fragility Factor:**

Moderately rugged

**Securing Hole Quantity:**

2

**Body Size:**

10

**Rotor Input Voltage Rating In Volts:**

26.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

36.0 milliamperes

**Rotor Input Electrical Power Rating:**

340.0 allqjaa3.500 finished-chamfered

**Zro Resistance In Ohms:**

Between 264.00 and 396.00

**Zso Resistance In Ohms:**

Between 54.40 and 81.60

**Zrs Resistance In Ohms:**

Between 296.00 and 444.00

**Rotor Dc Resistance In Ohms:**

Between 200.00 and 271.40

**Stator Dc Resistance In Ohms:**

Between 37.40 and 50.60

**Phase Shift Angle In Deg:**

Between 12.500 input to output and 16.500 input to output

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

60.00

**Electrical Error Angular Range In Minutes:**

-18.0/+18.0

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

15.0 centimeter-grams

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

5.0 centimeter-grams

**Pilot Length:**

0.0380 inches

**Shoulder Length:**

0.0620 inches

**Mounting Surface To Terminal End Distance:**

1.4690 inches

**Mounting Facility Screw Thread Series Designator:**

Unc

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

Between 702.10 and 949.90

**Plus J Zso Reactance In Ohms:**

Between 204.00 and 276.00

**Plus J Zrs Reactance In Ohms:**

Between 112.00 and 168.00

**Shaft Type:**

Round single shaft

**Alignment Hole Depth:**

0.0938 inches

**Mounting Facility Screw Thread Diameter:**

0.060 inches

**Alignment Hole Bolt Circle Diameter:**

Between 0.3510 inches and 0.3570 inches

**Terminal Type And Quantity:**

7 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A07800