

View Online at <https://aerobasegroup.com/nsn/5990-00-993-1780>

**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 1.6370 inches and 1.6750 inches

**Flange Diameter:**

Between 0.9360 inches and 0.9370 inches

**Flange Thickness:**

Between 0.0590 inches and 0.0650 inches

**Undercut Diameter:**

0.8370 inches

**Undercut Width:**

Between 0.0590 inches and 0.0650 inches

**Shaft Diameter:**

0.0895 inches single shaft and 0.0900 inches single shaft

**Shaft Length:**

0.3960 inches single shaft and 0.4340 inches single shaft

**Body Size:**

10

**Stator Input Voltage Rating In Volts:**

Between 11.7 and 11.9

**Stator Input Current Rating:**

96.0 milliamperes

**Stator Input Electrical Power Rating:**

252.0 milliwatts

**Frequency In Hertz:**

Between 396.0 and 404.0

**Zro Resistance In Ohms:**

38.00

**Zso Resistance In Ohms:**

28.00

**Zrs Resistance In Ohms:**

47.00

**Rotor Dc Resistance In Ohms:**

Between 30.60 and 41.40

**Stator Dc Resistance In Ohms:**

Between 20.40 and 27.60

**Phase Shift Angle In Deg:**

Between 7.200 input to output and 10.800 input to output

**Electrical Error Angular Range In Minutes:**

-10.0/+10.0

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

15.0 centimeter-grams

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

3.0 centimeter-grams

**Pilot Length:**

Between 0.0370 inches and 0.0430 inches

**Shoulder Length:**

0.0630 inches

**Mounting Surface To Terminal End Distance:**

1.2410 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

122.00

**Plus J Zso Reactance In Ohms:**

114.00

**Plus J Zrs Reactance In Ohms:**

13.00

**Shaft Type:**

Round single shaft

**Terminal Type And Quantity:**

6 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A07800