

View Online at <https://aerobasegroup.com/nsn/5990-00-855-7292>

**Body Material:**

Steel, corrosion resisting

**Body Style:**

Standard round c

**Shoulder Diameter:**

Between 0.8118 inches and 0.8123 inches

**Pilot Diameter:**

0.5000 inches

**Overall Length:**

Between 1.9940 inches and 2.0540 inches

**Flange Diameter:**

Between 0.9360 inches and 0.9370 inches

**Flange Thickness:**

0.0630 inches

**Undercut Diameter:**

Between 0.8370 inches and 0.8400 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.8950 inches rear shaft and 0.0900 inches rear shaft

**Shaft Length:**

0.4460 inches rear shaft and 0.5100 inches rear shaft

**Body Size:**

10

**Rotor Input Voltage Rating In Volts:**

3.0

**Frequency In Hertz:**

135.0

**Rotor Input Current Rating:**

Between 27.0 milliamperes and 33.0 milliamperes

**Rotor Input Electrical Power Rating:**

70.0 milliwatts

**Zro Resistance In Ohms:**

80.00

**Zso Resistance In Ohms:**

1270.00

**Zrs Resistance In Ohms:**

99.00

**Rotor Dc Resistance In Ohms:**

60.00

**Phase Shift Angle In Deg:**

11.900 input to output

**Interaxis Error Angular Range In Minutes:**

-40.0/+40.0

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

16.00 centimeter-grams

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

5.00 centimeter-grams

**Shaft End Play:**

Between 0.0002 inches and 0.0020 inches

**Pilot Length:**

0.0380 inches

**Shoulder Length:**

0.0620 inches

**Mounting Surface To Terminal End Distance:**

1.2500 inches

**Shaft Maximum Runout:**

0.1250 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

227.00

**Shaft Slot Depth:**

0.2000 inches rear shaft and 0.0350 inches rear shaft

**Plus J Zso Reactance In Ohms:**

4060.00

**Shaft Slot Width:**

0.0150 inches rear shaft and 0.0300 inches rear shaft

**Plus J Zrs Reactance In Ohms:**

35.00

**Shaft Type:**

Round, slotted front shaft

**Shaft Radial Play Determining Weight:**

3.0 ounces

**Shaft End Play Determining Weight:**

8.0 ounces

**Terminal Type And Quantity:**

6 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800