

View Online at <https://aerobasegroup.com/nsn/5990-00-938-7662>

**Body Material:**

Steel, corrosion resisting

**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:**

1.5750 inches

**Flange Diameter:**

Between 0.9320 inches and 0.9370 inches

**Flange Thickness:**

0.0620 inches

**Undercut Diameter:**

Between 0.8370 inches and 0.8400 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.0895 inches single shaft and 0.0940 inches single shaft

**Shaft Length:**

0.2880 inches single shaft

**Body Size:**

10

**Stator Input Voltage Rating In Volts:**

11.8

**Stator Input Current Rating:**

300.0 milliamperes

**Stator Input Electrical Power Rating:**

770.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

11.80

**Zso Resistance In Ohms:**

8.50

**Zrs Resistance In Ohms:**

12.70

**Zss Resistance In Ohms:**

14.60

**Rotor Dc Resistance In Ohms:**

10.00

**Stator Dc Resistance In Ohms:**

6.80

**Phase Shift Angle In Deg:**

10.200 input to output

**Electrical Error Angular Range In Minutes:**

-7.5/+7.5

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

3.0 centimeter-grams

**Alignment Hole Quantity:**

4

**Pilot Length:**

0.0380 inches

**Shoulder Length:**

0.0620 inches

**Mounting Surface To Terminal End Distance:**

1.2870 inches

**Shaft Hole Diameter:**

0.0600 inches single shaft

**Terminal Location:**

Side

**Plus J Zro Reactance In Ohms:**

37.00

**Plus J Zso Reactance In Ohms:**

32.50

**Shaft Tapered End Minor Diameter:**

0.0775 inches single shaft and 0.0780 inches single shaft

**Plus J Zrs Reactance In Ohms:**

5.50

**Shaft Type:**

Round, tapered, hollowed single shaft

**Alignment Hole Depth:**

0.0500 inches

**Plus J Zss Reactance In Ohms:**

5.50

**Shaft Taper Angle In Deg:**

3.0 single shaft

**Alignment Hole Bolt Circle Diameter:**

0.6780 inches

**Shaft Taper Length:**

0.1940 inches single shaft

**Terminal Type And Quantity:**

6 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A07800