

View Online at <https://aerobasegroup.com/nsn/5990-00-881-6622>

**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:**

1.6530 inches

**Flange Diameter:**

Between 0.9360 inches and 0.9370 inches

**Flange Thickness:**

0.0620 inches

**Undercut Diameter:**

0.8400 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.0895 inches single shaft and 0.0900 inches single shaft

**Shaft Length:**

0.2880 inches single shaft

**Maximum Temperature Rise:**

25.0 degrees fahrenheit

**Body Size:**

10

**Rotor Input Voltage Rating In Volts:**

26.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

170.0 milliamperes

**Rotor Input Electrical Power Rating:**

800.0 milliwatts

**Zro Resistance In Ohms:**

27.50

**Zso Resistance In Ohms:**

7.70

**Zrs Resistance In Ohms:**

47.00

**Rotor Dc Resistance In Ohms:**

16.60

**Stator Dc Resistance In Ohms:**

7.30

**Phase Shift Angle In Deg:**

6.500 input to output

**Electrical Error Angular Range In Minutes:**

-15.0/+15.0

**Receiver Error Angular Range In Minutes:**

-60.0/+60.0

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

5400.0 millimeter-milligrams

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

2700.0 millimeter-milligrams

**Torque Gradient Per Angular Deg:**

3000.0 millimeter-milligrams

**Alignment Hole Quantity:**

3

**Pilot Length:**

0.0380 inches

**Shoulder Length:**

0.0620 inches

**Mounting Surface To Terminal End Distance:**

1.3650 inches

**Shaft Hole Diameter:**

0.0130 inches single shaft and 0.0200 inches single shaft

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

174.00

**Plus J Zso Reactance In Ohms:**

30.50

**Plus J Zrs Reactance In Ohms:**

16.00

**Shaft Type:**

Round, hollowed single shaft

**Alignment Hole Depth:**

0.0500 inches

**Alignment Hole Bolt Circle Diameter:**

0.8120 inches

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A07800