

View Online at <https://aerobasegroup.com/nsn/5990-00-963-1799>

**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:**

1.7210 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:**

0.4750 inches single shaft

**Fragility Factor:**

Moderately rugged

**Maximum Temperature Rise:**

30.0 degrees celsius

**Body Size:**

10

**Rotor Input Voltage Rating In Volts:**

26.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

20.0 milliamperes

**Rotor Input Electrical Power Rating:**

1.0 watts

**Zro Resistance In Ohms:**

25.00

**Zso Resistance In Ohms:**

6.40

**Zrs Resistance In Ohms:**

41.00

**Rotor Dc Resistance In Ohms:**

15.00

**Stator Dc Resistance In Ohms:**

6.50

**Phase Shift Angle In Deg:**

7.000 input to output

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

30.00

**Electrical Error Angular Range In Minutes:**

-6.0/+6.0

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

9.0 centimeter-grams

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

3.0 centimeter-grams

**Torque Gradient Per Angular Deg:**

3400.0 millimeter-milligrams

**Alignment Hole Quantity:**

3

**Pilot Length:**

0.0380 inches

**Shoulder Length:**

0.0620 inches

**Mounting Surface To Terminal End Distance:**

1.2460 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

128.00

**Shaft Slot Depth:**

0.0300 inches single shaft

**Plus J Zso Reactance In Ohms:**

23.00

**Shaft Slot Width:**

0.0200 inches single shaft

**Plus J Zrs Reactance In Ohms:**

14.00

**Shaft Type:**

Round, slotted single shaft

**Alignment Hole Depth:**

0.3750 inches

**Transformation Ratio:**

0.454 stator to rotor

**Alignment Hole Bolt Circle Diameter:**

0.6780 inches

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A07800