

View Online at <https://aerobasegroup.com/nsn/5990-00-782-0112>

**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:**

1.5110 inches

**Flange Diameter:**

Between 0.9360 inches and 0.9370 inches

**Flange Thickness:**

0.0630 inches

**Undercut Diameter:**

0.8400 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.0940 inches single shaft

**Shaft Length:**

0.2300 inches single shaft

**Fragility Factor:**

Moderately rugged

**Body Size:**

10

**Stator Input Voltage Rating In Volts:**

11.8

**Stator Input Current Rating:**

21.0 milliamperes

**Stator Input Electrical Power Rating:**

50.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

800.00

**Zso Resistance In Ohms:**

115.00

**Zrs Resistance In Ohms:**

890.00

**Rotor Dc Resistance In Ohms:**

560.00

**Stator Dc Resistance In Ohms:**

560.00

**Phase Shift Angle In Deg:**

9.000 input to output

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

0.03

**Electrical Error Angular Range In Minutes:**

-12.0/+12.0

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

9.0 centimeter-grams

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

3.0 centimeter-grams

**Alignment Hole Quantity:**

3

**Pilot Length:**

0.0380 inches

**Shoulder Length:**

0.0620 inches

**Gear Outside Diameter:**

Between 1.7073 inches and 1.7083 inches

**Gear Thickness:**

0.1250 inches

**Mounting Surface To Terminal End Distance:**

1.2810 inches

**Shaft Hole Diameter:**

0.0600 inches single shaft

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

2900.00

**Plus J Zso Reactance In Ohms:**

470.00

**Shaft Tapered End Minor Diameter:**

0.0775 inches single shaft

**Plus J Zrs Reactance In Ohms:**

350.00

**Shaft Type:**

Round, tapered, hollowed single shaft

**Alignment Hole Depth:**

0.0500 inches

**Transformation Ratio:**

2.302 rotor to stator

**Shaft Taper Angle In Deg:**

3.0 single shaft

**Alignment Hole Bolt Circle Diameter:**

0.6780 inches

**Shaft Taper Length:**

0.1250 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

**Fiig:**

A07800