

View Online at <https://aerobasegroup.com/nsn/5990-00-916-9045>

**Body Material:**

Any acceptable

**Body Style:**

Standard round c

**Shoulder Diameter:**

Between 0.9995 inches and 1.0000 inches

**Pilot Diameter:**

Between 0.6245 inches and 0.6250 inches

**Overall Length:**

Between 2.3850 inches and 2.4150 inches

**Flange Diameter:**

1.0620 inches

**Flange Thickness:**

Between 0.0900 inches and 0.0960 inches

**Undercut Diameter:**

0.9850 inches

**Undercut Width:**

0.0450 inches

**Shaft Diameter:**

0.1195 inches single shaft and 0.1200 inches single shaft

**Shaft Length:**

0.5510 inches single shaft and 0.5750 inches single shaft

**Body Size:**

11

**Stator Input Voltage Rating In Volts:**

90.0

**Stator Input Current Rating:**

20.0 milliamperes

**Stator Input Electrical Power Rating:**

300.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

700.00

**Zso Resistance In Ohms:**

1100.00

**Rotor Dc Resistance In Ohms:**

350.00

**Stator Dc Resistance In Ohms:**

650.00

**Phase Shift Angle In Deg:**

7.500 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

30.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

60.00

Electrical Error Angular Range In Minutes:

-5.0/+5.0

Actuator Friction Torque At Minus 55 Deg Celsius:

16.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

4.0 centimeter-grams

Pilot Length:

0.0620 inches

Shoulder Length:

Between 0.0590 inches and 0.0650 inches

Mounting Surface To Terminal End Distance:

Between 1.8340 inches and 1.8400 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

2800.00

Shaft Slot Depth:

0.0200 inches single shaft and 0.0350 inches single shaft

Plus J Zso Reactance In Ohms:

0.450

Shaft Slot Width:

0.0200 inches single shaft and 0.0350 inches single shaft

Shaft Type:

Round, slotted single shaft

Alignment Hole Depth:

0.1250 inches

Alignment Hole Bolt Circle Diameter:

Between 0.8090 inches and 0.8150 inches

Terminal Type And Quantity:

5 screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800