

View Online at <https://aerobasegroup.com/nsn/5990-00-220-5689>

**Body Material:**

Steel, corrosion resisting

**Body Style:**

Standard round b

**Shoulder Diameter:**

Between 1.3115 inches and 1.3120 inches

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

Between 2.0950 inches and 2.1670 inches

**Flange Diameter:**

Between 1.4360 inches and 1.4370 inches

**Flange Thickness:**

Between 0.0880 inches and 0.0980 inches

**Undercut Width:**

Between 0.0680 inches and 0.0880 inches

**Shaft Diameter:**

0.1195 inches single shaft and 0.1200 inches single shaft

**Shaft Length:**

0.4950 inches single shaft and 0.5050 inches single shaft

**Fragility Factor:**

Moderately rugged

**Body Size:**

14

**Stator Input Voltage Rating In Volts:**

10.0

**Stator Input Current Rating:**

5.5 milliamperes

**Stator Input Electrical Power Rating:**

20.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

500.00

**Zso Resistance In Ohms:**

640.00

**Phase Shift Angle In Deg:**

16.500 input to output

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

30.00

**Electrical Error Angular Range In Minutes:**

-12.0/+12.0

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

20.0 centimeter-grams

**Shaft Maximum Radial Play:**

0.0010 inches

**Shaft End Play:**

Between 0.0002 inches and 0.0012 inches

**Pilot Length:**

Between 0.0350 inches and 0.0450 inches

**Shoulder Length:**

Between 0.1270 inches and 0.1370 inches

**Mounting Surface To Terminal End Distance:**

Between 1.5600 inches and 1.6220 inches

**Shaft Maximum Runout:**

0.0008 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

2200.00

**Shaft Slot Depth:**

0.0210 inches single shaft and 0.0310 inches single shaft

**Plus J Zso Reactance In Ohms:**

1700.00

**Shaft Slot Width:**

0.0220 inches single shaft and 0.0320 inches single shaft

**Shaft Type:**

Round, slotted single shaft

**Transformation Ratio:**

0.990 rotor to stator

**Shaft Radial Play Determining Weight:**

75.0 grams

**Shaft End Play Determining Weight:**

3.0 ounces

**Terminal Type And Quantity:**

11 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A07800