

View Online at <https://aerobasegroup.com/nsn/5990-00-553-6307>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round c

**Shoulder Diameter:**

Between 1.3115 inches and 1.3120 inches

**Pilot Diameter:**

Between 0.8745 inches and 0.8750 inches

**Overall Length:**

Between 2.5900 inches and 2.6500 inches

**Flange Diameter:**

1.4370 inches

**Flange Thickness:**

0.0930 inches

**Undercut Diameter:**

1.3170 inches

**Undercut Width:**

0.0730 inches

**Shaft Diameter:**

0.1870 inches single shaft and 0.1873 inches single shaft

**Shaft Length:**

0.5400 inches single shaft and 0.6000 inches single shaft

**Fragility Factor:**

Moderately rugged

**Maximum Temperature Rise:**

2.0 degrees celsius

**Body Size:**

15

**Rotor Input Voltage Rating In Volts:**

55.0

**Frequency In Hertz:**

1600.0

**Rotor Input Current Rating:**

7.0 milliamperes

**Rotor Input Electrical Power Rating:**

700.0 milliwatts

**Zso Resistance In Ohms:**

1825.00

**Zrs Resistance In Ohms:**

1000.00

**Phase Shift Angle In Deg:**

1.200 input to output

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

70.00

**Output Voltage Functional Error Range In Percent:**

-0.1/+0.1

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

60.0 centimeter-grams

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

30.0 centimeter-grams

**Alignment Hole Quantity:**

4

**Pilot Length:**

0.0400 inches

**Shoulder Length:**

0.1320 inches

**Mounting Surface To Terminal End Distance:**

2.0500 inches

**Terminal Location:**

Rear

**Plus J Zso Reactance In Ohms:**

8600.00

**Plus J Zrs Reactance In Ohms:**

2000.00

**Shaft Type:**

Round single shaft

**Alignment Hole Depth:**

0.1250 inches

**Transformation Ratio:**

0.930 stator to rotor

**Alignment Hole Bolt Circle Diameter:**

1.1000 inches

**Terminal Type And Quantity:**

8 screw

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A07800