

View Online at <https://aerobasegroup.com/nsn/5990-00-936-3947>

**Body Material:**

Steel, corrosion resisting

**Body Style:**

Standard round a

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

Between 1.7050 inches and 1.7450 inches

**Flange Diameter:**

Between 0.7490 inches and 0.7500 inches

**Flange Thickness:**

0.0620 inches

**Undercut Diameter:**

0.6910 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.1195 inches single shaft and 0.1200 inches single shaft

**Shaft Length:**

0.4600 inches single shaft and 0.5000 inches single shaft

**Maximum Temperature Rise:**

6.0 degrees celsius

**Body Size:**

8

**Rotor Input Voltage Rating In Volts:**

26.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

15.0 milliamperes

**Rotor Input Electrical Power Rating:**

110.0 milliwatts

**Zro Resistance In Ohms:**

916.00

**Zso Resistance In Ohms:**

206.00

**Zrs Resistance In Ohms:**

1210.00

**Rotor Dc Resistance In Ohms:**

725.00

**Stator Dc Resistance In Ohms:**

160.00

**Transformation Ratio Equality In Percent:**

3.5

**Phase Shift Angle In Deg:**

Between 17.000 input to output and 20.000 input to output

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

30.00

**Electrical Error Angular Range In Minutes:**

-7.0/+7.0

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

9.0 centimeter-grams

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

3.0 centimeter-grams

**Pilot Length:**

0.0430 inches

**Mounting Surface To Terminal End Distance:**

1.2450 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

2430.00

**Plus J Zso Reactance In Ohms:**

737.00

**Plus J Zrs Reactance In Ohms:**

258.00

**Shaft Type:**

Round single shaft

**Transformation Ratio:**

0.477 stator to rotor

**Terminal Type And Quantity:**

7 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800