

View Online at <https://aerobasegroup.com/nsn/5990-01-276-8122>

**Body Material:**

Steel, corrosion resisting

**Body Style:**

Standard round a

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

1.6300 inches

**Flange Diameter:**

Between 0.7470 inches and 0.7500 inches

**Flange Thickness:**

0.0620 inches

**Undercut Diameter:**

Between 0.6880 inches and 0.6910 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.0895 inches single shaft and 0.0900 inches single shaft

**Shaft Length:**

0.3660 inches single shaft and 0.3900 inches single shaft

**Body Size:**

8

**Rotor Input Voltage Rating In Volts:**

26.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

52.0 milliamperes

**Rotor Input Electrical Power Rating:**

320.0 allqjaa3.500 finished-chamfered

**Zro Resistance In Ohms:**

149.00

**Zso Resistance In Ohms:**

30.20

**Rotor Dc Resistance In Ohms:**

120.00

**Stator Dc Resistance In Ohms:**

22.70

**Phase Shift Angle In Deg:**

10.000 input to output

**Maximum Fundamental Null Voltage In Millivolts Per Volt:**

0.014 output

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

0.02

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

8.0 centimeter-grams

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

4.0 centimeter-grams

**Shaft Maximum Radial Play:**

0.0005 inches

**Shaft End Play:**

Between 0.0003 inches and 0.0008 inches

**Pilot Length:**

0.0400 inches

**Mounting Surface To Terminal End Distance:**

1.2400 inches

**Shaft Maximum Runout:**

0.0010 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

558.00

**Shaft Slot Depth:**

0.0250 inches single shaft and 0.0350 inches single shaft

**Plus J Zso Reactance In Ohms:**

137.00

**Shaft Slot Width:**

0.0200 inches single shaft and 0.0300 inches single shaft

**Shaft Type:**

Round, slotted single shaft

**Transformation Ratio:**

0.454 rotor to stator

**Terminal Type And Quantity:**

8 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A07800