

View Online at <https://aerobasegroup.com/nsn/5990-01-255-7378>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round a

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

1.7420 inches

**Flange Diameter:**

Between 0.7490 inches and 0.7500 inches

**Flange Thickness:**

Between 0.0570 inches and 0.0670 inches

**Undercut Diameter:**

Between 0.6880 inches and 0.6910 inches

**Undercut Width:**

Between 0.0570 inches and 0.0670 inches

**Shaft Diameter:**

0.1195 inches single shaft and 0.1200 inches single shaft

**Shaft Length:**

0.4230 inches single shaft and 0.4530 inches single shaft

**Body Size:**

8

**Rotor Input Voltage Rating In Volts:**

26.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

0.1 amperes

**Rotor Input Electrical Power Rating:**

540.0 allqjaa3.500 finished-chamfered

**Zro Resistance In Ohms:**

54.00

**Zso Resistance In Ohms:**

11.30

**Zrs Resistance In Ohms:**

88.00

**Rotor Dc Resistance In Ohms:**

37.00

**Stator Dc Resistance In Ohms:**

12.00

**Phase Shift Angle In Deg:**

8.500 input to output

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

30.00

**Electrical Error Angular Range In Minutes:**

-150.0/+150.0

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

36.0 centimeter-grams

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

12.0 centimeter-grams

**Shaft Maximum Radial Play:**

0.0005 inches

**Shaft End Play:**

Between 0.0003 inches and 0.0008 inches

**Pilot Length:**

0.0380 mils and 0.0480 centimeters

**Mounting Surface To Terminal End Distance:**

1.2410 inches

**Shaft Maximum Runout:**

0.0010 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

260.00

**Shaft Slot Depth:**

0.0250 inches single shaft

**Plus J Zso Reactance In Ohms:**

45.00

**Shaft Slot Width:**

0.0200 inches single shaft

**Plus J Zrs Reactance In Ohms:**

22.00

**Shaft Type:**

Round, slotted single shaft

**Transformation Ratio:**

0.454 stator to rotor

**Shaft Radial Play Determining Weight:**

4.0 ounces

**Shaft End Play Determining Weight:**

8.0 ounces

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A07800