

View Online at <https://aerobasegroup.com/nsn/5990-00-076-9839>

**Body Material:**

Steel, corrosion resisting

**Body Style:**

Standard round a

**Pilot Diameter:**

0.5000 inches

**Overall Length:**

3.4700 inches

**Flange Diameter:**

0.8750 inches

**Flange Thickness:**

0.0930 inches

**Undercut Diameter:**

0.7600 inches

**Undercut Width:**

0.0570 inches

**Shaft Diameter:**

0.1248 inches single shaft

**Shaft Length:**

0.3330 inches single shaft

**Schematic Diagram Designator:**

1 y-rotor, 1 stator

**Fragility Factor:**

Moderately rugged

**Body Size:**

9

**Stator Input Voltage Rating In Volts:**

11.8

**Stator Input Current Rating:**

87.0 milliamperes

**Stator Input Electrical Power Rating:**

210.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

210.00

**Zso Resistance In Ohms:**

24.00

**Zrs Resistance In Ohms:**

250.00

**Rotor Dc Resistance In Ohms:**

143.00

**Stator Dc Resistance In Ohms:**

24.00

**Phase Shift Angle In Deg:**

9.000 output to input

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

20.00

**Electrical Error Angular Range In Minutes:**

-7.0/+7.0

**Shaft Radial Play Test Point:**

0.125 inches

**Shaft Maximum Radial Play:**

0.0003 inches

**Shaft End Play:**

0.0040 inches

**Pilot Length:**

0.0620 inches

**Mounting Surface To Terminal End Distance:**

3.0700 inches

**Shaft Maximum Runout:**

0.0020 inches

**Terminal Location:**

Rear and side

**Plus J Zro Reactance In Ohms:**

690.00

**Plus J Zso Reactance In Ohms:**

114.00

**Plus J Zrs Reactance In Ohms:**

73.00

**Shaft Type:**

Round single shaft

**Shaft Radial Play Determining Weight:**

4.0 ounces

**Shaft End Play Determining Weight:**

8.0 ounces

**Special Features:**

Clutch mtd on front

**Terminal Type And Quantity:**

7 turret

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A07800