

View Online at <https://aerobasegroup.com/nsn/5990-00-263-1289>

**Body Material:**

Steel, corrosion resisting

**Body Style:**

Standard round b

**Shoulder Diameter:**

Between 0.9995 inches and 1.0000 inches

**Pilot Diameter:**

Between 0.6245 inches and 0.6250 inches

**Overall Length:**

Between 1.2928 inches and 1.2951 inches

**Flange Diameter:**

Between 1.0570 inches and 1.0650 inches

**Flange Thickness:**

0.0930 inches

**Undercut Width:**

0.0500 inches

**Shaft Diameter:**

0.1870 inches front shaft and 0.1872 inches front shaft

**Shaft Length:**

0.5500 inches front shaft

**Securing Hole Quantity:**

4

**Body Size:**

10

**Stator Input Voltage Rating In Volts:**

90.0

**Stator Input Current Rating:**

20.0 milliamperes

**Stator Input Electrical Power Rating:**

250.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Impedance Magnitude In Ohms:**

5400.00

**Zro Impedance Angle In Deg:**

79.00

**Zrs Impedance Magnitude In Ohms:**

5400.00

**Zrs Impedance Angle In Deg:**

79.00

**Rotor Dc Resistance In Ohms:**

385.00

**Stator Dc Resistance In Ohms:**

555.00

**Phase Shift Angle In Deg:**

5.000 input to output

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

30.00 output

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

60.00

**Electrical Error Angular Range In Minutes:**

-7.0/+7.0

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

0.07 inch-ounces

**Pilot Length:**

0.0620 inches

**Shoulder Length:**

0.0620 inches

**Mounting Surface To Terminal End Distance:**

1.7320 inches

**Shaft Thread Series Designator:**

Unf front shaft

**Shaft Thread Direction:**

Right-hand front shaft

**Shaft Thread Class:**

2a

**Mounting Facility Screw Thread Series Designator:**

Unc

**Terminal Location:**

Rear

**Shaft Thread Length:**

0.1900 inches front shaft

**Shaft Type:**

Round, threaded front shaft

**Mounting Facility Screw Thread Diameter:**

0.112 inches

**Transformation Ratio:**

0.735 rotor to stator

**Shaft Thread Size:**

0.1849 inches front shaft

**Terminal Type And Quantity:**

6 screw

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A07800