

View Online at <https://aerobasegroup.com/nsn/5990-00-783-4489>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round c

**Shoulder Diameter:**

Between 0.9995 inches and 1.0000 inches

**Pilot Diameter:**

0.6250 inches

**Overall Length:**

2.1000 inches

**Flange Diameter:**

Between 1.0570 inches and 1.0650 inches

**Flange Thickness:**

0.0930 inches

**Undercut Diameter:**

0.9750 inches

**Undercut Width:**

0.0500 inches

**Shaft Diameter:**

0.1195 inches single shaft and 0.1200 inches single shaft

**Shaft Length:**

0.4880 inches single shaft and 0.5120 inches single shaft

**Maximum Temperature Rise:**

25.0 degrees celsius

**Body Size:**

11

**Rotor Input Voltage Rating In Volts:**

115.0

**Frequency In Hertz:**

Between 395.0 and 405.0

**Rotor Input Current Rating:**

60.0 milliamperes

**Rotor Input Electrical Power Rating:**

1.0 watts

**Zro Resistance In Ohms:**

Between 242.25 and 327.75

**Zso Resistance In Ohms:**

Between 170.00 and 230.00

**Zrs Resistance In Ohms:**

Between 357.00 and 483.00

**Rotor Dc Resistance In Ohms:**

Between 144.00 and 176.00

**Stator Dc Resistance In Ohms:**

Between 153.00 and 187.00

**Phase Shift Angle In Deg:**

4.500 input to output

**Electrical Error Angular Range In Minutes:**

+30.0/+45.0

**Receiver Error Angular Range In Minutes:**

+30.0/+45.0

**Pilot Length:**

Between 0.0590 inches and 0.0650 inches

**Shoulder Length:**

Between 0.0590 inches and 0.0650 inches

**Mounting Surface To Terminal End Distance:**

1.7800 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

Between 1818.00 and 2222.00

**Shaft Slot Depth:**

0.0220 inches single shaft and 0.0320 inches single shaft

**Plus J Zso Reactance In Ohms:**

Between 867.00 and 1173.00

**Shaft Slot Width:**

0.0220 inches single shaft and 0.0320 inches single shaft

**Plus J Zrs Reactance In Ohms:**

Between 144.50 and 195.50

**Shaft Type:**

Round, slotted single shaft

**Transformation Ratio:**

Between 0.752 rotor to stator and 0.814 rotor to stator

**Terminal Type And Quantity:**

5 pin

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A07800