

View Online at <https://aerobasegroup.com/nsn/5990-00-116-6590>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round a

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

1.9000 inches

**Flange Diameter:**

Between 0.7490 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:**

0.0850 inches single shaft and 0.0900 inches single shaft

**Shaft Length:**

0.3720 inches single shaft

**Body Size:**

8

**Rotor Input Voltage Rating In Volts:**

26.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

115.0 milliamperes

**Rotor Input Electrical Power Rating:**

520.0 milliwatts

**Zro Resistance In Ohms:**

54.00

**Zso Resistance In Ohms:**

12.00

**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

**Receiver Error Angular Range In Minutes:**

-30.0 to 30.0

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

5400.0 millimeter-milligrams

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

2700.0 millimeter-milligrams

**Torque Gradient Per Angular Deg:**

2200.0 millimeter-milligrams

**Pilot Length:**

0.0400 inches

**Mounting Surface To Terminal End Distance:**

1.3680 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

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fiig:**

A07800