

View Online at <https://aerobasegroup.com/nsn/5990-00-158-5390>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round a

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

Between 1.6010 inches and 1.6310 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:**

0.0895 inches single shaft and 0.0900 inches single shaft

**Shaft Length:**

0.3600 inches single shaft and 0.3900 inches single shaft

**Body Size:**

8

**Stator Input Voltage Rating In Volts:**

11.8

**Stator Input Current Rating:**

Between 27.0 milliamperes and 33.0 milliamperes

**Stator Input Electrical Power Rating:**

Between 58.4 milliwatts and 87.6 milliwatts

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

Between 93.00 and 125.00

**Zso Resistance In Ohms:**

Between 68.00 and 94.00

**Zrs Resistance In Ohms:**

Between 102.00 and 138.00

**Rotor Dc Resistance In Ohms:**

Between 88.00 and 108.00

**Stator Dc Resistance In Ohms:**

Between 57.00 and 71.00

**Phase Shift Angle In Deg:**

8.500 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

20.00 output

Electrical Error Angular Range In Minutes:

-7.0 to 7.0

Actuator Friction Torque At Minus 55 Deg Celsius:

16.00 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

4.00 centimeter-grams

Pilot Length:

0.0430 inches

Mounting Surface To Terminal End Distance:

1.2410 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

Between 325.00 and 399.00

Shaft Slot Depth:

0.0200 inches single shaft and 0.0300 inches single shaft

Plus J Zso Reactance In Ohms:

Between 297.00 and 363.00

Shaft Slot Width:

0.0150 inches single shaft and 0.0250 inches single shaft

Plus J Zrs Reactance In Ohms:

Between 29.75 and 40.25

Shaft Type:

Round, slotted single shaft

Terminal Type And Quantity:

6 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800