

View Online at <https://aerobasegroup.com/nsn/5990-00-108-5400>

Body Material:

Steel, stainless

Body Style:

Standard round a

Pilot Diameter:

Between 0.3745 inches and 0.3750 inches

Overall Length:

1.6550 inches

Flange Diameter:

Between 0.4970 inches and 0.5000 inches

Flange Thickness:

0.0400 inches

Undercut Diameter:

Between 0.4340 inches and 0.4400 inches

Undercut Width:

0.0400 inches

Shaft Diameter:

0.0895 inches single shaft and 0.0900 inches single shaft

Shaft Length:

0.3950 inches single shaft and 0.4350 inches single shaft

Body Size:

5

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

45.0 milliamperes

Stator Input Electrical Power Rating:

127.0 milliwatts

Frequency In Hertz:

400.0

Zro Impedance Magnitude In Ohms:

295.00

Zro Impedance Angle In Deg:

72.00

Zso Impedance Magnitude In Ohms:

375.00

Zso Impedance Angle In Deg:

70.00

Rotor Dc Resistance In Ohms:

Between 111.35 and 150.65

Stator Dc Resistance In Ohms:

Between 74.80 and 101.20

Phase Shift Angle In Deg:

13.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

34.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

50.00

Electrical Error Angular Range In Minutes:

-10.0 to 10.0

Actuator Friction Torque At Plus 25 Deg Celsius:

2.00 centimeter-grams

Pilot Length:

0.0400 inches

Mounting Surface To Terminal End Distance:

1.2400 inches

Terminal Location:

Rear

Shaft Slot Depth:

0.0250 inches single shaft and 0.0350 inches single shaft

Shaft Slot Width:

0.0200 inches single shaft and 0.0300 inches single shaft

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

1.154 rotor to stator

Terminal Type And Quantity:

6 wire lead

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fig:

A07800