

View Online at <https://aerobasegroup.com/nsn/5990-00-843-2063>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round c

Shoulder Diameter:

Between 0.9995 inches and 1.0000 inches

Pilot Diameter:

Between 0.6245 inches and 0.6250 inches

Overall Length:

Between 2.6930 inches and 2.7410 inches

Flange Diameter:

Between 1.0600 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:

0.5520 inches single shaft and 0.5760 inches single shaft

Body Size:

11

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

65.0 milliamperes

Stator Input Electrical Power Rating:

97.0 milliwatts

Frequency In Hertz:

400.0

Zro Impedance Magnitude In Ohms:

231.20

Zro Impedance Angle In Deg:

76.70

Zso Impedance Magnitude In Ohms:

195.00

Zso Impedance Angle In Deg:

80.80

Rotor Dc Resistance In Ohms:

49.00

Stator Dc Resistance In Ohms:

21.00

Phase Shift Angle In Deg:

7.400 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

17.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

26.00

Electrical Error Angular Range In Minutes:

-5.0/+5.0

Actuator Friction Torque At Plus 25 Deg Celsius:

4.00 centimeter-grams

Pilot Length:

0.0620 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.7680 inches

Terminal Location:

Rear

Shaft Slot Depth:

0.0300 inches single shaft

Shaft Slot Width:

0.0250 inches single shaft

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

1.154 rotor to stator

Special Features:

Rear shaft dim. 0.3870 in. Nom lg, 0.1200 in. Nom dia, 0.0250 in. Nom w by 0.0300 in. Nom deep slot

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fig:

A07800