

View Online at <https://aerobasegroup.com/nsn/5990-00-991-2035>

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 2.1960 inches and 2.2200 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:

0.1190 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.3640 inches single shaft and 0.3880 inches single shaft

Body Size:

11

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

143.0 milliamperes

Stator Input Electrical Power Rating:

250.0 milliwatts

Frequency In Hertz:

400.0

Zro Impedance Magnitude In Ohms:

110.00

Zro Impedance Angle In Deg:

75.70

Zso Impedance Magnitude In Ohms:

95.00

Zso Impedance Angle In Deg:

80.20

Zss Impedance Magnitude In Ohms:

26.00

Zss Impedance Angle In Deg:

26.60

Phase Shift Angle In Deg:

5.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

15.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

20.00

Output Voltage Functional Error Range In Percent:

-3.0/+3.0

Electrical Error Angular Range In Minutes:

-3.0/+3.0

Actuator Friction Torque At Plus 25 Deg Celsius:

4.00 centimeter-grams

Alignment Hole Quantity:

4

Pilot Length:

0.0620 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.8320 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

Alignment Hole Depth:

0.1250 inches

Transformation Ratio:

1.000 rotor to stator

Alignment Hole Bolt Circle Diameter:

0.8120 inches

Terminal Type And Quantity:

8 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800