

View Online at <https://aerobasegroup.com/nsn/5990-00-705-4349>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round, rotatable stator c

Shoulder Diameter:

1.0000 inches

Pilot Diameter:

0.6250 inches

Overall Length:

3.6040 inches

Flange Diameter:

1.1880 inches

Flange Thickness:

0.0930 inches

Undercut Diameter:

0.9375 inches

Undercut Width:

0.0500 inches

Shaft Diameter:

0.1200 inches rear shaft

Shaft Length:

0.7410 inches rear shaft

Fragility Factor:

Moderately rugged

Body Size:

12

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

86.0 milliamperes

Stator Input Electrical Power Rating:

1.0 watts

Frequency In Hertz:

400.0

Zro Impedance Magnitude In Ohms:

126.00

Zro Impedance Angle In Deg:

78.00

Zso Impedance Magnitude In Ohms:

718.00

Zso Impedance Angle In Deg:

75.00

Phase Shift Angle In Deg:

5.200 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

19.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

28.00

Electrical Error Angular Range In Minutes:

-7.0/+7.0

Actuator Friction Torque At Plus 25 Deg Celsius:

8.0 centimeter-grams

Shaft Radial Play Test Point:

0.125 inches

Shaft Maximum Radial Play:

0.0005 inches

Shaft End Play:

Between 0.0005 inches and 0.0030 inches

Pilot Length:

0.0620 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

2.2410 inches

Shaft Maximum Runout:

0.0010 inches

Shaft Hole Diameter:

0.0625 inches rear shaft

Terminal Location:

Rear

Shaft Type:

Round, hollowed rear shaft

Transformation Ratio:

2.203 rotor to stator

Shaft Radial Play Determining Weight:

4.0 ounces

Shaft End Play Determining Weight:

16.0 ounces

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A07800