

View Online at <https://aerobasegroup.com/nsn/5990-01-247-5439>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round c

Shoulder Diameter:

1.0000 inches

Pilot Diameter:

0.6250 inches

Overall Length:

2.1220 inches

Flange Diameter:

1.0620 inches

Flange Thickness:

0.0930 inches

Undercut Diameter:

0.9750 inches

Undercut Width:

0.0500 inches

Shaft Diameter:

0.1200 inches single shaft

Shaft Length:

0.4050 inches single shaft

Fragility Factor:

Moderately rugged

Body Size:

11

Rotor Input Voltage Rating In Volts:

115.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

70.0 milliamperes

Rotor Input Electrical Power Rating:

1.03 watts finished-chamfered

Zro Impedance Magnitude In Ohms:

2060.00

Zro Impedance Angle In Deg:

80.80

Zso Impedance Magnitude In Ohms:

18.10

Zso Impedance Angle In Deg:

79.50

Phase Shift Angle In Deg:

5.600 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

Electrical Error Angular Range In Minutes:

-3.0/+3.0

Actuator Friction Torque At Minus 55 Deg Celsius:

16.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

4.0 centimeter-grams

Shaft Radial Play Test Point:

Between 0.125 inches and 0.250 inches

Shaft Maximum Radial Play:

0.0005 inches

Shaft End Play:

Between 0.0005 inches and 0.0015 inches

Pilot Length:

0.0620 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.7680 inches

Shaft Maximum Runout:

0.0008 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:

0.103 stator to rotor

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