

View Online at <https://aerobasegroup.com/nsn/5990-00-137-2912>

Body Material:

Any acceptable

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:

2.3970 inches

Flange Diameter:

1.0620 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:

7.1

Stator Input Current Rating:

12.0 milliamperes

Stator Input Electrical Power Rating:

2.0 milliwatts

Frequency In Hertz:

4800.0

Zro Resistance In Ohms:

200.00

Zso Resistance In Ohms:

200.00

Zrs Resistance In Ohms:

35.00

Zss Resistance In Ohms:

35.00

Rotor Dc Resistance In Ohms:

25.00

Stator Dc Resistance In Ohms:

10.00

Phase Shift Angle In Deg:

2.000 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

10.00

Interaxis Error Angular Range In Minutes:

-7.0/+7.0

Output Voltage Functional Error Range In Percent:

-0.5/+0.5

Electrical Error Angular Range In Minutes:

-5.0/+5.0

Shaft Radial Play Test Point:

0.250 inches

Shaft Maximum Radial Play:

0.0008 inches

Pilot Length:

0.0620 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.8350 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

800.00

Shaft Slot Depth:

0.0220 inches single shaft and 0.0350 inches single shaft

Plus J Zso Reactance In Ohms:

800.00

Shaft Slot Width:

0.0200 inches single shaft and 0.0320 inches single shaft

Plus J Zrs Reactance In Ohms:

100.00

Shaft Type:

Round, slotted single shaft

Plus J Zss Reactance In Ohms:

100.00

Transformation Ratio:

1.000 rotor to stator

Shaft Radial Play Determining Weight:

4.0 ounces

Shaft End Play Determining Weight:

8.0 ounces

Terminal Type And Quantity:

3 screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800