

View Online at <https://aerobasegroup.com/nsn/5990-01-112-5281>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round c

Shoulder Diameter:

Between 0.9995 inches and 1.0005 inches

Pilot Diameter:

0.6250 inches

Overall Length:

2.2570 inches

Flange Diameter:

Between 1.0590 inches and 1.0650 inches

Flange Thickness:

Between 0.0570 inches and 0.0670 inches

Undercut Diameter:

0.9680 inches

Undercut Width:

0.0570 inches

Shaft Diameter:

0.1195 inches single shaft and 0.1205 inches single shaft

Shaft Length:

0.4690 inches single shaft and 0.5310 inches single shaft

Fragility Factor:

Moderately rugged

Body Size:

11

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

131.0 milliamperes

Stator Input Electrical Power Rating:

400.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

14.00

Zso Resistance In Ohms:

15.00

Zss Resistance In Ohms:

13.20

Phase Shift Angle In Deg:

7.000 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

40.00

Electrical Error Angular Range In Minutes:

-12.0/+12.0

Actuator Friction Torque At Minus 55 Deg Celsius:

15.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

7.0 centimeter-grams

Shaft Radial Play Test Point:

0.125 inches

Shaft Maximum Radial Play:

0.0005 inches

Shaft End Play:

Between 0.0003 inches and 0.0008 inches

Pilot Length:

0.0590 mils and 0.0650 centimeters

Shoulder Length:

0.0590 mils and 0.0650 centimeters

Mounting Surface To Terminal End Distance:

1.6870 inches

Shaft Maximum Runout:

0.0010 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

67.00

Shaft Slot Depth:

0.0310 inches single shaft

Plus J Zso Reactance In Ohms:

72.00

Shaft Slot Width:

0.0310 inches single shaft

Shaft Type:

Round, slotted single shaft

Plus J Zss Reactance In Ohms:

6.80

Transformation Ratio:

1.112 rotor to stator

Shaft Radial Play Determining Weight:

4.0 ounces

Shaft End Play Determining Weight:

8.0 ounces

Terminal Type And Quantity:

6 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800