

View Online at <https://aerobasegroup.com/nsn/5990-00-068-3592>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round, rotatable stator c

Shoulder Diameter:

1.0000 inches

Pilot Diameter:

0.6250 inches

Overall Length:

2.8450 inches

Flange Diameter:

1.1880 inches

Flange Thickness:

0.0930 inches

Undercut Diameter:

1.0000 inches

Undercut Width:

0.0500 inches

Shaft Diameter:

0.1200 inches single shaft

Shaft Length:

0.5090 inches single shaft

Maximum Temperature Rise:

30.0 degrees celsius

Body Size:

12

Stator Input Voltage Rating In Volts:

10.2

Stator Input Current Rating:

86.0 milliamperes

Stator Input Electrical Power Rating:

170.0 milliwatts

Frequency In Hertz:

400.0

Zro Impedance Magnitude In Ohms:

777.50

Zro Impedance Angle In Deg:

77.80

Zso Impedance Magnitude In Ohms:

132.50

Zso Impedance Angle In Deg:

78.85

Rotor Dc Resistance In Ohms:

95.00

Stator Dc Resistance In Ohms:

14.00

Phase Shift Angle In Deg:

5.500 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

28.00

Electrical Error Angular Range In Minutes:

-10.0/+10.0

Actuator Friction Torque At Minus 55 Deg Celsius:

55.00 inch-ounces

Actuator Friction Torque At Plus 25 Deg Celsius:

11.00 inch-ounces

Shaft End Play:

0.0005 inches

Pilot Length:

0.0620 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

2.2670 inches

Shaft Maximum Runout:

0.0008 inches

Terminal Location:

Rear

Shaft Type:

Round single shaft

Transformation Ratio:

2.206 rotor to stator

Shaft End Play Determining Weight:

4.0 ounces

Terminal Type And Quantity:

5 screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

A07800