

View Online at <https://aerobasegroup.com/nsn/5990-00-107-7157>

Body Material:

Steel, stainless

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:

Between 2.1660 inches and 2.1860 inches

Flange Diameter:

Between 1.0570 inches and 1.0650 inches

Flange Thickness:

0.0930 inches

Undercut Diameter:

Between 0.9700 inches and 0.9800 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.1870 inches single shaft and 0.1873 inches single shaft

Shaft Length:

0.4750 inches single shaft and 0.4950 inches single shaft

Body Size:

11

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

245.0 milliamperes

Rotor Input Electrical Power Rating:

1.7 watts

Zro Impedance Magnitude In Ohms:

Between 90.95 and 123.05

Zro Impedance Angle In Deg:

Between 76.70 and 86.70

Zso Impedance Magnitude In Ohms:

Between 15.38 and 20.80

Zso Impedance Angle In Deg:

Between 74.50 and 84.50

Rotor Dc Resistance In Ohms:

8.50

Stator Dc Resistance In Ohms:

3.00

Maximum Fundamental Null Voltage In Millivolts Per Volt:

17.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

26.00

Electrical Error Angular Range In Minutes:

-5.5/+5.5

Actuator Friction Torque At Minus 55 Deg Celsius:

40.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

20.0 centimeter-grams

Pilot Length:

Between 0.0590 inches and 0.0650 inches

Shoulder Length:

Between 0.0590 inches and 0.0650 inches

Mounting Surface To Terminal End Distance:

1.6910 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:

0.322 rotor to stator

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800