

View Online at <https://aerobasegroup.com/nsn/5990-00-487-0135>

Body Material:

Aluminum

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 2.1820 inches

Flange Diameter:

Between 1.0570 inches and 1.0650 inches

Flange Thickness:

Between 0.0900 inches and 0.0960 inches

Undercut Diameter:

Between 0.9700 inches and 0.9750 inches

Undercut Width:

Between 0.0590 inches and 0.0650 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

Stator Input Voltage Rating In Volts:

10.2

Stator Input Current Rating:

35.0 milliamperes

Frequency In Hertz:

400.0

Zro Impedance Magnitude In Ohms:

405.00

Zro Impedance Angle In Deg:

80.00

Zso Impedance Magnitude In Ohms:

316.00

Zso Impedance Angle In Deg:

82.00

Rotor Dc Resistance In Ohms:

75.00

Stator Dc Resistance In Ohms:

31.20

Phase Shift Angle In Deg:

5.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

20.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

25.00

Electrical Error Angular Range In Minutes:

-5.5/+5.5

Actuator Friction Torque At Minus 55 Deg Celsius:

40.00 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

20.00 centimeter-grams

Torque Gradient Per Angular Deg:

214.000 millimeter-milligrams

Alignment Hole Quantity:

4

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:

Side

Shaft Slot Depth:

0.0310 inches single shaft

Shaft Slot Width:

0.0310 inches single shaft

Shaft Type:

Round, slotted single shaft

Alignment Hole Depth:

0.0125 inches

Transformation Ratio:

1.200 rotor to stator

Alignment Hole Bolt Circle Diameter:

1.0350 inches

Terminal Type And Quantity:

6 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A07800