

View Online at <https://aerobasegroup.com/nsn/5990-00-107-7156>

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

Fragility Factor:

Moderately rugged

Body Size:

11

Stator Input Voltage Rating In Volts:

11.8

Frequency In Hertz:

400.0

Zro Impedance Magnitude In Ohms:

Between 364.50 and 445.50

Zro Impedance Angle In Deg:

Between 77.00 and 83.00

Zso Impedance Magnitude In Ohms:

Between 283.50 and 346.50

Zso Impedance Angle In Deg:

Between 79.00 and 85.00

Rotor Dc Resistance In Ohms:

40.00

Stator Dc Resistance In Ohms:

60.00

Phase Shift Angle In Deg:

5.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

10.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

30.00

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

Shaft Radial Play Test Point:

0.250 inches

Shaft Maximum Radial Play:

0.0008 inches

Shaft End Play:

0.0015 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:

1.6910 inches

Shaft Maximum Runout:

0.0010 inches

Terminal Location:

Rear

Shaft Slot Depth:

0.0260 inches single shaft and 0.0360 inches single shaft

Shaft Slot Width:

0.0260 inches single shaft and 0.0360 inches single shaft

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

0.850 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:

Yes - demil/mli

Fiig:

A07800