

View Online at <https://aerobasegroup.com/nsn/5990-00-959-2373>

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 2.1240 inches and 2.1540 inches

Flange Diameter:

Between 1.0570 inches and 1.0650 inches

Flange Thickness:

Between 0.0900 inches and 0.0960 inches

Undercut Diameter:

0.9750 inches

Undercut Width:

0.0500 inches

Shaft Diameter:

0.1195 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.3620 inches single shaft and 0.3860 inches single shaft

Body Size:

11

Stator Input Voltage Rating In Volts:

90.0

Stator Input Current Rating:

20.0 milliamperes

Stator Input Electrical Power Rating:

270.0 milliwatts

Frequency In Hertz:

400.0

Zro Impedance Magnitude In Ohms:

Between 2672.00 and 4008.00

Zro Impedance Angle In Deg:

Between 63.36 and 95.04

Zso Impedance Magnitude In Ohms:

Between 4376.00 and 6564.00

Zso Impedance Angle In Deg:

Between 64.64 and 96.96

Rotor Dc Resistance In Ohms:

Between 308.00 and 452.00

Stator Dc Resistance In Ohms:

Between 444.00 and 666.00

Phase Shift Angle In Deg:

5.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

60.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

100.00

Electrical Error Angular Range In Minutes:

-5.0/+5.0

Actuator Friction Torque At Minus 55 Deg Celsius:

16.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

4.0 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:

Between 1.7620 inches and 1.7680 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:

Between 0.698 rotor to stator and 0.772 rotor to stator

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800