

View Online at <https://aerobasegroup.com/nsn/5990-00-501-2097>

Body Material:

Steel, stainless

Body Style:

Standard round c

Shoulder Diameter:

Between 0.9682 inches and 0.9687 inches

Pilot Diameter:

0.6250 inches

Overall Length:

3.1200 inches

Flange Diameter:

1.0560 inches

Flange Thickness:

0.0930 inches

Undercut Diameter:

Between 0.9500 inches and 0.9800 inches

Undercut Width:

Between 0.0930 inches and 0.1030 inches

Shaft Diameter:

0.1050 inches single shaft

Shaft Length:

0.7930 inches single shaft

Fragility Factor:

Moderately rugged

Body Size:

11

Stator Input Voltage Rating In Volts:

15.0

Stator Input Current Rating:

22.0 milliamperes

Stator Input Electrical Power Rating:

160.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

580.00

Zso Resistance In Ohms:

370.00

Rotor Dc Resistance In Ohms:

415.00

Stator Dc Resistance In Ohms:

225.00

Transformation Ratio Equality In Percent:

0.08

Compensation Method:

Resistor compensated

Zco Resistance In Ohms:

370.00

Compensator Dc Resistance In Ohms:

235.00

Compensator Transformation Ratio In Percent:

0.080 rotor to compensator

Phase Shift Angle In Deg:

9.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

15.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

14.00

Actuator Friction Torque At Plus 25 Deg Celsius:

0.07 inch-ounces

Pilot Length:

0.0650 inches

Shoulder Length:

Between 0.0620 inches and 0.0680 inches

Mounting Surface To Terminal End Distance:

Between 1.6000 inches and 2.2000 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

1630.00

Plus J Zso Reactance In Ohms:

1400.00

Shaft Type:

Round, flatted single shaft

Transformation Ratio:

1.000 rotor to stator

Plus J Zco Reactance In Ohms:

1400.00

Shaft Flatted Portion Thickness:

0.1050 inches single shaft

Shaft Flatted Portion Length:

0.6730 inches single shaft

Terminal Type And Quantity:

12 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A07800