

View Online at <https://aerobasegroup.com/nsn/5990-00-689-4819>

Body Material:

Steel, corrosion resisting

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:

1.9750 inches

Flange Diameter:

Between 1.0610 inches and 1.0620 inches

Flange Thickness:

0.0930 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:

0.3750 inches single shaft

Body Size:

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Rotor Input Voltage Rating In Volts:

115.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

7.0 milliamperes

Rotor Input Electrical Power Rating:

101.0 milliwatts

Zro Resistance In Ohms:

2060.00

Zso Resistance In Ohms:

68.00

Rotor Dc Resistance In Ohms:

820.00

Stator Dc Resistance In Ohms:

62.00

Phase Shift Angle In Deg:

2.100 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

5.00 output

Maximum Linear Range In Deg:

-50.0/+50.0

Linearity In Percent:

0.50

Output Voltage Change Per Deg In Volts:

0.3

Actuator Friction Torque At Minus 55 Deg Celsius:

9.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

3.0 centimeter-grams

Pilot Length:

0.0620 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.6000 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

16300.00

Shaft Slot Depth:

0.0220 inches single shaft and 0.0320 inches single shaft

Plus J Zso Reactance In Ohms:

127.00

Shaft Slot Width:

0.0220 inches single shaft and 0.0320 inches single shaft

Shaft Type:

Round, slotted single shaft

Terminal Type And Quantity:

4 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A07800