

View Online at <https://aerobasegroup.com/nsn/5990-00-067-1622>

Body Material:

Steel, stainless

Body Style:

Standard round b

Shoulder Diameter:

1.0000 inches

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

2.2060 inches

Flange Diameter:

1.0650 inches

Flange Thickness:

0.0620 inches

Undercut Width:

0.0900 inches

Shaft Diameter:

0.1200 inches single shaft

Shaft Length:

0.3380 inches single shaft

Body Size:

11

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

80.0 milliamperes

Stator Input Electrical Power Rating:

320.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

115.00

Zso Resistance In Ohms:

16.00

Zrs Resistance In Ohms:

81.00

Rotor Dc Resistance In Ohms:

72.00

Stator Dc Resistance In Ohms:

38.00

Phase Shift Angle In Deg:

5.200 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

30.00 input

Maximum Total Null Voltage Output In Millivolts Per Volt:

65.00

Electrical Error Angular Range In Minutes:

-7.0/+7.0

Actuator Friction Torque At Minus 55 Deg Celsius:

16.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

6.0 centimeter-grams

Alignment Hole Quantity:

4

Pilot Length:

0.0620 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.7440 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

340.00

Shaft Slot Depth:

0.0300 inches single shaft

Plus J Zso Reactance In Ohms:

71.00

Shaft Slot Width:

0.0250 inches single shaft

Plus J Zrs Reactance In Ohms:

40.00

Shaft Type:

Round, slotted single shaft

Alignment Hole Depth:

0.0700 inches

Transformation Ratio:

0.500 rotor to stator

Alignment Hole Bolt Circle Diameter:

Between 0.8090 inches and 0.8150 inches

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A07800