

View Online at <https://aerobasegroup.com/nsn/5990-00-965-9610>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round c

Shoulder Diameter:

0.9750 inches

Pilot Diameter:

0.6250 inches

Overall Length:

2.3370 inches

Flange Diameter:

1.0620 inches

Flange Thickness:

0.0930 inches

Undercut Diameter:

1.0000 inches

Undercut Width:

0.0500 inches

Shaft Diameter:

0.1200 inches single shaft

Shaft Length:

0.5000 inches single shaft

Fragility Factor:

Moderately rugged

Body Size:

11

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

90.0 milliamperes

Rotor Input Electrical Power Rating:

280.0 milliwatts

Zro Resistance In Ohms:

35.00

Zso Resistance In Ohms:

8.10

Zrs Resistance In Ohms:

49.50

Rotor Dc Resistance In Ohms:

18.00

Stator Dc Resistance In Ohms:

7.50

Phase Shift Angle In Deg:

5.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

30.00 input

Maximum Total Null Voltage Output In Millivolts Per Volt:

70.00

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

Pilot Length:

0.0620 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.9500 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

288.00

Shaft Slot Depth:

0.0260 inches single shaft

Plus J Zso Reactance In Ohms:

470.00

Shaft Slot Width:

0.0250 inches single shaft

Plus J Zrs Reactance In Ohms:

24.00

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

0.485 rotor to stator

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A07800