

View Online at <https://aerobasegroup.com/nsn/5990-00-997-8945>

Body Material:

Any acceptable

Body Style:

Standard round b

Shoulder Diameter:

Between 0.9995 inches and 1.0000 inches

Pilot Diameter:

Between 0.6245 inches and 0.6250 inches

Overall Length:

2.4210 inches

Flange Diameter:

Between 1.0570 inches and 1.0650 inches

Flange Thickness:

Between 0.0900 inches and 0.0960 inches

Undercut Width:

0.0500 inches

Shaft Diameter:

0.1195 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.5470 inches single shaft and 0.5760 inches single shaft

Schematic Diagram Designator:

Err-090

Maximum Temperature Rise:

12.0 degrees celsius

Body Size:

11

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

280.0 milliamperes

Rotor Input Electrical Power Rating:

950.0 milliwatts

Zro Resistance In Ohms:

15.40

Zso Resistance In Ohms:

5.60

Zss Resistance In Ohms:

3.50

Rotor Dc Resistance In Ohms:

9.00

Stator Dc Resistance In Ohms:

3.00

Phase Shift Angle In Deg:

Between 7.000 input to output and 10.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

30.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

50.00

Electrical Error Angular Range In Minutes:

+5.0/+7.0

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:

1.7187 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

105.90

Plus J Zso Reactance In Ohms:

17.20

Shaft Type:

Round, slotted single shaft

Plus J Zss Reactance In Ohms:

1.30

Terminal Type And Quantity:

5 screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

A07800