

View Online at <https://aerobasegroup.com/nsn/5990-00-863-6049>

Body Material:

Steel, stainless

Body Style:

Standard round c

Shoulder Diameter:

1.0000 inches

Pilot Diameter:

0.6250 inches

Overall Length:

1.9280 inches

Flange Diameter:

1.0620 inches

Flange Thickness:

0.0930 inches

Undercut Diameter:

0.9750 inches

Undercut Width:

0.0500 inches

Shaft Diameter:

0.1200 inches single shaft

Shaft Length:

0.2500 inches single shaft

Schematic Diagram Designator:

Err-090

Fragility Factor:

Moderately rugged

Body Size:

11

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

33.0 milliamperes

Rotor Input Electrical Power Rating:

146.0 allqjaa3.500 finished-chamfered

Zro Resistance In Ohms:

134.00

Zso Resistance In Ohms:

92.00

Rotor Dc Resistance In Ohms:

85.00

Stator Dc Resistance In Ohms:

90.00

Phase Shift Angle In Deg:

5.500 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

15.00

Maximum Linear Range In Deg:

-50.0/+50.0

Linearity In Percent:

0.50

Output Voltage Change Per Deg In Volts:

0.346

Actuator Friction Torque At Minus 55 Deg Celsius:

3.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

9.0 centimeter-grams

Shaft Radial Play Test Point:

0.125 inches

Shaft Maximum Radial Play:

0.0005 inches

Shaft End Play:

Between 0.0003 inches and 0.0005 inches

Pilot Length:

0.0620 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.6000 inches

Shaft Maximum Runout:

0.0010 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

780.00

Shaft Slot Depth:

0.0320 inches single shaft

Plus J Zso Reactance In Ohms:

140.00

Shaft Slot Width:

0.0320 inches single shaft

Shaft Type:

Round, slotted single shaft

Shaft Radial Play Determining Weight:

4.0 ounces

Shaft End Play Determining Weight:

8.0 ounces

Terminal Type And Quantity:

4 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800