

View Online at <https://aerobasegroup.com/nsn/5990-00-824-4133>

Body Material:

Steel, stainless

Body Style:

Standard round c

Shoulder Diameter:

1.0000 inches

Pilot Diameter:

0.6250 inches

Overall Length:

2.6000 inches

Flange Diameter:

1.0620 inches

Flange Thickness:

0.0930 inches

Undercut Diameter:

0.9750 inches

Undercut Width:

0.0500 inches

Shaft Diameter:

0.1247 inches single shaft

Shaft Length:

0.6000 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:

3.0 milliamperes

Rotor Input Electrical Power Rating:

220.0 allqjaa3.500 microwatts

Zro Resistance In Ohms:

1535.00

Zso Resistance In Ohms:

975.00

Rotor Dc Resistance In Ohms:

610.00

Stator Dc Resistance In Ohms:

930.00

Phase Shift Angle In Deg:

2.500 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

20.00

Maximum Linear Range In Deg:

-50.0/+50.0

Linearity In Percent:

0.866

Output Voltage Change Per Deg In Volts:

0.346

Actuator Friction Torque At Minus 55 Deg Celsius:

9.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

3.0 centimeter-grams

Shaft Radial Play Test Point:

0.125 inches

Shaft Maximum Radial Play:

0.0010 inches

Shaft End Play:

0.0020 inches

Pilot Length:

0.0620 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.8350 inches

Shaft Maximum Runout:

0.0010 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

9160.00

Plus J Zso Reactance In Ohms:

1780.00

Shaft Type:

Round, flatted single shaft

Shaft Flatted Portion Thickness:

0.1050 inches single shaft

Shaft Flatted Portion Length:

0.5380 inches single shaft

Shaft Radial Play Determining Weight:

4.0 ounces

Shaft End Play Determining Weight:

16.0 ounces

Terminal Type And Quantity:

4 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A07800