

View Online at <https://aerobasegroup.com/nsn/5990-00-946-3500>

Body Material:

Steel, stainless

Body Style:

Standard round a

Pilot Diameter:

0.5000 inches

Overall Length:

2.3280 inches

Flange Diameter:

0.7500 inches

Flange Thickness:

0.0650 inches

Undercut Diameter:

0.6910 inches

Undercut Width:

0.0570 inches

Shaft Diameter:

0.1200 inches single shaft

Shaft Length:

0.7170 inches single shaft

Schematic Diagram Designator:

Err-090

Fragility Factor:

Moderately rugged

Body Size:

8

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

190.0 milliamperes

Rotor Input Electrical Power Rating:

1.0 watts finished-chamfered

Zro Resistance In Ohms:

32.00

Zso Resistance In Ohms:

7.00

Rotor Dc Resistance In Ohms:

24.00

Stator Dc Resistance In Ohms:

7.50

Phase Shift Angle In Deg:

11.500 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

20.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

30.00

Electrical Error Angular Range In Minutes:

-5.0/+5.0

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:

0.0050 inches

Shaft End Play:

0.0008 inches

Pilot Length:

0.0430 inches

Mounting Surface To Terminal End Distance:

1.3680 inches

Shaft Maximum Runout:

0.0005 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

150.00

Shaft Slot Depth:

0.0350 inches single shaft

Plus J Zso Reactance In Ohms:

26.00

Shaft Slot Width:

0.0350 inches single shaft

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

0.454 stator to rotor

Shaft Radial Play Determining Weight:

4.0 ounces

Shaft End Play Determining Weight:

8.0 ounces

Terminal Type And Quantity:

5 solder stud

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800