

View Online at <https://aerobasegroup.com/nsn/5990-00-841-3336>

Body Material:

Steel, stainless

Body Style:

Standard round c

Shoulder Diameter:

0.8123 inches

Pilot Diameter:

0.5000 inches

Overall Length:

1.6310 inches

Flange Diameter:

0.9370 inches

Flange Thickness:

0.0630 inches

Undercut Diameter:

0.8400 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.9000 inches single shaft

Shaft Length:

0.3370 inches single shaft

Schematic Diagram Designator:

Err-090

Fragility Factor:

Moderately rugged

End Application:

D-853-1200

Body Size:

10

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

21.0 milliamperes

Stator Input Electrical Power Rating:

50.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

800.00

Zso Resistance In Ohms:

115.00

Zrs Resistance In Ohms:

890.00

Rotor Dc Resistance In Ohms:

560.00

Stator Dc Resistance In Ohms:

100.00

Phase Shift Angle In Deg:

9.000 output to input

Maximum Total Null Voltage Output In Millivolts Per Volt:

30.00

Electrical Error Angular Range In Minutes:

-15.0/+15.0

Actuator Friction Torque At Minus 55 Deg Celsius:

16.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

4.0 centimeter-grams

Alignment Hole Quantity:

3

Shaft Radial Play Test Point:

0.125 inches

Shaft Maximum Radial Play:

0.0005 inches

Shaft End Play:

Between 0.0003 inches and 0.0008 inches

Pilot Length:

0.0380 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.2410 inches

Shaft Maximum Runout:

0.0010 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

2900.00

Shaft Slot Depth:

0.0300 inches single shaft

Plus J Zso Reactance In Ohms:

470.00

Shaft Slot Width:

0.0200 inches single shaft

Plus J Zrs Reactance In Ohms:

350.00

Shaft Type:

Round, slotted single shaft

Alignment Hole Depth:

0.0500 inches

Alignment Hole Bolt Circle Diameter:

0.6780 inches

Shaft Radial Play Determining Weight:

4.0 ounces

Shaft End Play Determining Weight:

8.0 ounces

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800