

View Online at <https://aerobasegroup.com/nsn/5990-00-819-5616>

Body Material:

Aluminum

Body Style:

Standard round c

Shoulder Diameter:

0.8123 inches

Pilot Diameter:

0.5000 inches

Overall Length:

1.7710 inches

Flange Diameter:

0.9370 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

0.8400 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.9000 inches single shaft

Shaft Length:

0.4370 inches single shaft

Schematic Diagram Designator:

Err-090

Fragility Factor:

Moderately rugged

End Application:

316-3s1e

Maximum Temperature Rise:

20.0 degrees celsius

Body Size:

10

Stator Input Voltage Rating In Volts:

26.0

Stator Input Current Rating:

31.0 milliamperes

Stator Input Electrical Power Rating:

220.0 milliwatts

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

36.0 milliamperes

Rotor Input Electrical Power Rating:

350.0 allqjaa3.500 finished-chamfered

Zro Resistance In Ohms:

270.00

Zso Resistance In Ohms:

230.00

Zrs Resistance In Ohms:

330.00

Rotor Dc Resistance In Ohms:

215.00

Stator Dc Resistance In Ohms:

166.00

Phase Shift Angle In Deg:

11.600 output to input

Maximum Fundamental Null Voltage In Millivolts Per Volt:

22.00 input

Maximum Total Null Voltage Output In Millivolts Per Volt:

1.00

Interaxis Error Angular Range In Minutes:

-7.0/+7.0

Electrical Error Angular Range In Minutes:

-7.0/+7.0

Actuator Friction Torque At Minus 55 Deg Celsius:

6.0 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:

0.0005 inches

Shaft End Play:

0.0007 inches

Pilot Length:

0.0380 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.2810 inches

Shaft Maximum Runout:

0.0010 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

670.00

Shaft Slot Depth:

0.0300 inches single shaft

Plus J Zso Reactance In Ohms:

810.00

Shaft Slot Width:

0.0200 inches single shaft

Plus J Zrs Reactance In Ohms:

74.00

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:

7 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800