

View Online at <https://aerobasegroup.com/nsn/5990-00-819-5617>

Body Material:

Aluminum

Body Style:

Standard round a

Pilot Diameter:

0.5000 inches

Overall Length:

1.7620 inches

Flange Diameter:

0.7500 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

0.6910 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.0900 inches single shaft

Shaft Length:

0.3320 inches single shaft

Schematic Diagram Designator:

Err-090

Fragility Factor:

Moderately rugged

Maximum Temperature Rise:

20.0 degrees celsius

Body Size:

8

Stator Input Voltage Rating In Volts:

15.0

Stator Input Current Rating:

18.2 milliamperes

Stator Input Electrical Power Rating:

58.0 milliwatts

Rotor Input Voltage Rating In Volts:

15.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

22.0 milliamperes

Rotor Input Electrical Power Rating:

110.0 allqjaa3.500 finished-chamfered

Zro Resistance In Ohms:

230.00

Zso Resistance In Ohms:

176.00

Zrs Resistance In Ohms:

330.00

Rotor Dc Resistance In Ohms:

220.00

Stator Dc Resistance In Ohms:

158.00

Transformation Ratio Equality In Percent:

0.5

Phase Shift Angle In Deg:

11.000 output to input

Maximum Fundamental Null Voltage In Millivolts Per Volt:

22.00 input

Maximum Total Null Voltage Output In Millivolts Per Volt:

30.00

Interaxis Error Angular Range In Minutes:

-5.0/+5.0

Electrical Error Angular Range In Minutes:

-7.0/+7.0

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:

0.0008 inches

Shaft End Play:

0.0015 inches

Terminal Designator And Schematic Position:

Connection r1 position b and connection r2 position c and connection r3 position a and connection r4 position d and connection s1 position h and connection s2 position e and connection s3 position g and connection s3 position f

Pilot Length:

0.0430 inches

Mounting Surface To Terminal End Distance:

1.4160 inches

Shaft Maximum Runout:

0.0010 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

640.00

Shaft Slot Depth:

0.0310 inches single shaft

Plus J Zso Reactance In Ohms:

806.00

Shaft Slot Width:

0.0310 inches single shaft

Plus J Zrs Reactance In Ohms:

71.00

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:

8 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800