

View Online at <https://aerobasegroup.com/nsn/5990-01-200-1505>

Body Material:

Steel, stainless

Body Style:

Standard round b

Shoulder Diameter:

1.0000 inches

Pilot Diameter:

0.6250 inches

Overall Length:

2.4600 inches

Flange Diameter:

1.0620 inches

Flange Thickness:

0.0980 inches

Undercut Width:

0.0550 inches

Shaft Diameter:

0.1200 inches single shaft

Shaft Length:

0.5580 inches single shaft

Schematic Diagram Designator:

Err-090

Fragility Factor:

Moderately rugged

Body Size:

11

Stator Input Voltage Rating In Volts:

26.0

Stator Input Current Rating:

15.0 milliamperes

Stator Input Electrical Power Rating:

435.0 milliwatts

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

12.0 milliamperes

Rotor Input Electrical Power Rating:

46.0 allqjaa3.500 finished-chamfered

Zro Resistance In Ohms:

320.00

Zso Resistance In Ohms:

193.00

Zrs Resistance In Ohms:

390.00

Rotor Dc Resistance In Ohms:

240.00

Stator Dc Resistance In Ohms:

140.00

Phase Shift Angle In Deg:

6.500 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

26.00

Electrical Error Angular Range In Minutes:

-7.0/+7.0

Actuator Friction Torque At Minus 55 Deg Celsius:

16.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

4.0 centimeter-grams

Shaft End Play:

Between 0.0003 inches and 0.0008 inches

Pilot Length:

0.0670 inches

Shoulder Length:

0.0670 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:

2150.00

Plus J Zso Reactance In Ohms:

1720.00

Plus J Zrs Reactance In Ohms:

166.00

Shaft Type:

Round single shaft

Transformation Ratio:

0.858 rotor to stator

Shaft End Play Determining Weight:

8.0 ounces

Terminal Type And Quantity:

7 screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800