

View Online at <https://aerobasegroup.com/nsn/5990-00-079-5406>

Body Material:

Steel, stainless

Body Style:

Standard round c

Shoulder Diameter:

1.3120 inches

Pilot Diameter:

0.5000 inches

Overall Length:

2.4440 inches

Flange Diameter:

1.4370 inches

Flange Thickness:

0.0930 inches

Undercut Diameter:

1.3120 inches

Undercut Width:

0.0780 inches

Shaft Diameter:

0.1200 inches both shafts

Shaft Length:

0.4380 inches front shaft

Schematic Diagram Designator:

1 y-rotor, 1 y-stator

Fragility Factor:

Moderately rugged

Body Size:

15

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

130.0 milliamperes

Stator Input Electrical Power Rating:

320.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

15.00

Zso Resistance In Ohms:

14.00

Zrs Resistance In Ohms:

16.00

Rotor Dc Resistance In Ohms:

14.00

Stator Dc Resistance In Ohms:

10.80

Phase Shift Angle In Deg:

6.000 output to input

Maximum Total Null Voltage Output In Millivolts Per Volt:

30.00

Electrical Error Angular Range In Minutes:

-20.0/+20.0

Actuator Friction Torque At Minus 55 Deg Celsius:

15.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

5.0 centimeter-grams

Alignment Hole Quantity:

4

Shaft Radial Play Test Point:

0.125 inches

Shaft Maximum Radial Play:

0.0010 inches

Shaft End Play:

0.0010 inches

Pilot Length:

0.0400 inches

Shoulder Length:

0.1320 inches

Mounting Surface To Terminal End Distance:

1.6310 inches

Shaft Maximum Runout:

0.0010 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

63.00

Shaft Slot Depth:

0.0310 inches both shafts

Plus J Zso Reactance In Ohms:

77.00

Shaft Slot Width:

0.0310 inches both shafts

Plus J Zrs Reactance In Ohms:

8.00

Shaft Type:

Round, slotted both shafts

Alignment Hole Depth:

0.1250 inches

Alignment Hole Bolt Circle Diameter:

0.8750 inches

Shaft Radial Play Determining Weight:

4.0 ounces

Shaft End Play Determining Weight:

4.0 ounces

Terminal Type And Quantity:

6 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A07800