

View Online at <https://aerobasegroup.com/nsn/5990-00-402-0564>

Body Material:

Steel, stainless

Body Style:

Standard round c

Shoulder Diameter:

Between 0.8118 inches and 0.8123 inches

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

Between 2.4100 inches and 2.4700 inches

Flange Diameter:

Between 0.9360 inches and 0.9370 inches

Flange Thickness:

0.0630 inches

Undercut Diameter:

Between 0.8300 inches and 0.8500 inches

Undercut Width:

Between 0.0590 inches and 0.0650 inches

Shaft Diameter:

0.1245 inches single shaft and 0.1247 inches single shaft

Shaft Length:

1.1350 inches single shaft and 1.1890 inches single shaft

Schematic Diagram Designator:

1 y-rotor, 1 stator

Fragility Factor:

Moderately rugged

End Application:

4920-00-400-3818

Securing Hole Quantity:

3

Body Size:

10

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

24.0 milliamperes

Stator Input Electrical Power Rating:

34.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

695.00

Zso Resistance In Ohms:

115.00

Zrs Resistance In Ohms:

874.00

Phase Shift Angle In Deg:

9.000 output to input

Maximum Fundamental Null Voltage In Millivolts Per Volt:

25.00 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:

9.00 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

3.00 centimeter-grams

Alignment Hole Quantity:

3

Shaft Radial Play Test Point:

0.125 inches

Shaft Maximum Radial Play:

0.0005 inches

Shaft End Play:

0.0010 inches

Pilot Length:

0.0350 mils and 0.0410 centimeters

Shoulder Length:

0.0590 mils and 0.0650 centimeters

Mounting Surface To Terminal End Distance:

1.2400 inches

Shaft Maximum Runout:

0.0010 inches

Mounting Facility Screw Thread Series Designator:

Unf

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

2600.00

Shaft Slot Depth:

0.0250 inches single shaft

Plus J Zso Reactance In Ohms:

447.00

Shaft Slot Width:

0.0200 inches single shaft

Plus J Zrs Reactance In Ohms:

286.00

Shaft Type:

Round, slotted single shaft

Alignment Hole Depth:

0.0700 inches

Mounting Facility Screw Thread Diameter:

0.0860 inches

Transformation Ratio:

2.203 rotor to stator

Alignment Hole Bolt Circle Diameter:

Between 0.6750 inches and 0.6810 inches

Shaft Radial Play Determining Weight:

4.0 ounces

Shaft End Play Determining Weight:

8.0 ounces

Terminal Type And Quantity:

6 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800