

View Online at <https://aerobasegroup.com/nsn/5990-00-236-8152>

Body Material:

Steel, stainless

Body Style:

Standard round a

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

1.6150 inches

Flange Diameter:

Between 0.7490 inches and 0.7500 inches

Flange Thickness:

Between 0.0590 inches and 0.0650 inches

Undercut Diameter:

Between 0.6880 inches and 0.6910 inches

Undercut Width:

Between 0.0590 inches and 0.0650 inches

Shaft Diameter:

0.0900 inches rear shaft

Shaft Length:

0.3850 inches rear shaft

Fragility Factor:

Moderately rugged

Body Size:

8

Rotor Input Voltage Rating In Volts:

115.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

29.0 milliamperes

Rotor Input Electrical Power Rating:

740.0 allqjaa3.500 finished-chamfered

Zro Resistance In Ohms:

874.00

Zso Resistance In Ohms:

9.50

Zrs Resistance In Ohms:

1480.00

Rotor Dc Resistance In Ohms:

687.00

Stator Dc Resistance In Ohms:

10.30

Phase Shift Angle In Deg:

9.200 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

75.00

Electrical Error Angular Range In Minutes:

-7.0/+7.0

Actuator Friction Torque At Minus 55 Deg Celsius:

7.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

3.0 millimeter-milligrams

Torque Gradient Per Angular Deg:

2400.000 millimeter-milligrams

Alignment Hole Quantity:

2

Shaft Maximum Radial Play:

0.0005 inches

Shaft End Play:

Between 0.0003 inches and 0.0008 inches

Pilot Length:

0.0390 mils and 0.0430 centimeters

Mounting Surface To Terminal End Distance:

1.2400 inches

Shaft Maximum Runout:

0.0010 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

3860.00

Shaft Slot Depth:

0.0250 inches single shaft

Plus J Zso Reactance In Ohms:

34.00

Shaft Slot Width:

0.0200 inches single shaft

Plus J Zrs Reactance In Ohms:

325.00

Shaft Type:

Round, slotted single shaft

Alignment Hole Depth:

0.0500 inches

Alignment Hole Bolt Circle Diameter:

Between 0.5670 inches and 0.5730 inches

Shaft Radial Play Determining Weight:

4.0 ounces

Shaft End Play Determining Weight:

8.0 ounces

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fiig:

A07800