

View Online at <https://aerobasegroup.com/nsn/5990-00-163-4173>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round c

Shoulder Diameter:

Between 0.9995 inches and 1.0000 inches

Pilot Diameter:

Between 0.6245 inches and 0.6250 inches

Overall Length:

2.4040 inches

Flange Diameter:

Between 1.0570 inches and 1.0650 inches

Flange Thickness:

0.0930 inches

Undercut Diameter:

Between 0.9995 inches and 1.0000 inches

Undercut Width:

0.0500 inches

Shaft Diameter:

0.1195 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.5520 inches single shaft and 0.5760 inches single shaft

Fragility Factor:

Moderately rugged

Body Size:

11

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

176.0 milliamperes

Rotor Input Electrical Power Rating:

900.0 milliwatts

Zro Resistance In Ohms:

32.00

Zso Resistance In Ohms:

7.00

Rotor Dc Resistance In Ohms:

24.00

Stator Dc Resistance In Ohms:

4.20

Phase Shift Angle In Deg:

8.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

15.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

20.00

Interaxis Error Angular Range In Minutes:

-5.0 to 5.0

Output Voltage Functional Error Range In Percent:

-0.1/+0.1

Electrical Error Angular Range In Minutes:

-3.0 to 3.0

Actuator Friction Torque At Minus 55 Deg Celsius:

16.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

4.0 centimeter-grams

Alignment Hole Quantity:

4

Pilot Length:

0.0620 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.8280 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

166.00

Shaft Slot Depth:

0.0300 inches single shaft

Plus J Zso Reactance In Ohms:

41.00

Shaft Slot Width:

0.0250 inches single shaft

Shaft Type:

Round, slotted single shaft

Alignment Hole Depth:

0.1250 inches

Transformation Ratio:

0.454 rotor to stator

Alignment Hole Bolt Circle Diameter:

1.6240 inches

Terminal Type And Quantity:

8 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800