

View Online at <https://aerobasegroup.com/nsn/5990-00-835-8972>

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:

2.0560 inches

Flange Diameter:

Between 1.0610 inches and 1.0620 inches

Flange Thickness:

0.0930 inches

Undercut Diameter:

0.9750 inches

Undercut Width:

0.0500 inches

Shaft Diameter:

0.1195 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.3740 inches single shaft

Maximum Temperature Rise:

20.0 degrees celsius

Body Size:

11

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

210.0 milliamperes

Stator Input Electrical Power Rating:

550.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

12.50

Zso Resistance In Ohms:

12.50

Zrs Resistance In Ohms:

13.40

Rotor Dc Resistance In Ohms:

10.10

Stator Dc Resistance In Ohms:

9.10

Phase Shift Angle In Deg:

8.500 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

25.00

Electrical Error Angular Range In Minutes:

-10.0/+10.0

Actuator Friction Torque At Minus 55 Deg Celsius:

30.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

10.0 centimeter-grams

Alignment Hole Quantity:

4

Pilot Length:

0.0620 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.6820 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

52.00

Shaft Slot Depth:

0.0470 inches single shaft

Plus J Zso Reactance In Ohms:

60.50

Shaft Slot Width:

0.0310 inches single shaft

Plus J Zrs Reactance In Ohms:

7.80

Shaft Type:

Round, slotted single shaft

Alignment Hole Depth:

0.0940 inches

Transformation Ratio:

1.160 rotor to stator

Alignment Hole Bolt Circle Diameter:

0.8120 inches

Terminal Type And Quantity:

6 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800