

View Online at <https://aerobasegroup.com/nsn/5990-01-028-9595>

Body Material:

Aluminum

Body Style:

Standard round a

Pilot Diameter:

0.5000 inches

Overall Length:

1.4600 inches

Flange Diameter:

0.7500 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

0.6910 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.0900 inches both shafts

Shaft Length:

0.3750 inches front shaft

Body Size:

8

Rotor Input Voltage Rating In Volts:

115.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

17.0 milliamperes

Rotor Input Electrical Power Rating:

336.0 milliwatts

Zro Resistance In Ohms:

1400.00

Zso Resistance In Ohms:

25.00

Zrs Resistance In Ohms:

1500.00

Rotor Dc Resistance In Ohms:

30.00

Stator Dc Resistance In Ohms:

50.00

Phase Shift Angle In Deg:

6.800 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

20.00 input

Maximum Total Null Voltage Output In Millivolts Per Volt:

10.00

Electrical Error Angular Range In Minutes:

-7.0/+7.0

Maximum Linear Range In Deg:

-30.0/+30.0

Actuator Friction Torque At Minus 55 Deg Celsius:

16.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

4.0 centimeter-grams

Torque Gradient Per Angular Deg:

2400.0 millimeter-milligrams

Pilot Length:

0.0400 inches

Mounting Surface To Terminal End Distance:

1.0700 inches

Terminal Location:

Side

Plus J Zro Reactance In Ohms:

7300.00

Shaft Slot Depth:

0.0300 inches single shaft

Plus J Zso Reactance In Ohms:

79.00

Shaft Slot Width:

0.0250 inches single shaft

Plus J Zrs Reactance In Ohms:

410.00

Shaft Type:

Round, slotted both shafts

Transformation Ratio:

0.087 rotor to stator

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

A07800