

View Online at <https://aerobasegroup.com/nsn/5990-00-941-5989>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round a

Pilot Diameter:

0.5000 inches

Overall Length:

1.6300 inches

Flange Diameter:

0.7500 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

0.6910 inches

Undercut Width:

0.0400 inches

Shaft Diameter:

0.1200 inches single shaft

Shaft Length:

0.3750 inches single shaft

Body Size:

8

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

87.0 milliamperes

Stator Input Electrical Power Rating:

210.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

400.00

Zso Resistance In Ohms:

60.00

Zrs Resistance In Ohms:

602.00

Rotor Dc Resistance In Ohms:

143.00

Stator Dc Resistance In Ohms:

24.00

Phase Shift Angle In Deg:

5.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

30.00 input

Maximum Total Null Voltage Output In Millivolts Per Volt:

70.00

Electrical Error Angular Range In Minutes:

-7.0/+7.0

Actuator Friction Torque At Minus 55 Deg Celsius:

16.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

6.0 centimeter-grams

Pilot Length:

0.0400 inches

Mounting Surface To Terminal End Distance:

1.2400 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

420.00

Shaft Slot Depth:

0.0350 inches single shaft

Plus J Zso Reactance In Ohms:

254.00

Shaft Slot Width:

0.0250 inches single shaft

Plus J Zrs Reactance In Ohms:

150.00

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

0.685 rotor to stator

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800