

View Online at <https://aerobasegroup.com/nsn/5990-00-088-7591>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round a

Pilot Diameter:

0.5000 inches

Overall Length:

1.6150 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 single shaft

Shaft Length:

0.3750 inches single 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:

3.0 milliamperes

Rotor Input Electrical Power Rating:

900.0 milliwatts

Zro Resistance In Ohms:

970.00

Zso Resistance In Ohms:

13.00

Zrs Resistance In Ohms:

1540.00

Rotor Dc Resistance In Ohms:

750.00

Stator Dc Resistance In Ohms:

11.00

Phase Shift Angle In Deg:

9.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

35.00 input

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:

5400.0 millimeter-milligrams

Actuator Friction Torque At Plus 25 Deg Celsius:

2700.0 millimeter-milligrams

Torque Gradient Per Angular Deg:

0.003 inch-ounces

Pilot Length:

0.0400 inches

Mounting Surface To Terminal End Distance:

1.2400 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

3880.00

Plus J Zso Reactance In Ohms:

48.00

Plus J Zrs Reactance In Ohms:

415.00

Shaft Type:

Round single shaft

Transformation Ratio:

0.485 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