

View Online at <https://aerobasegroup.com/nsn/5990-00-879-8010>

Body Material:

Aluminum

Body Style:

Standard round a

Pilot Diameter:

0.5000 inches

Overall Length:

1.4330 inches

Flange Diameter:

0.7500 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

0.6910 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.1200 inches front shaft

Shaft Length:

0.3125 inches front shaft

Schematic Diagram Designator:

Err-090

Fragility Factor:

Moderately rugged

Body Size:

8

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

132.0 amperes

Stator Input Electrical Power Rating:

350.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

38.00

Zso Resistance In Ohms:

22.00

Rotor Dc Resistance In Ohms:

40.00

Stator Dc Resistance In Ohms:

25.00

Phase Shift Angle In Deg:

Between 10.500 input to output and 13.500 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

20.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

25.00

Electrical Error Angular Range In Minutes:

-7.0/+7.0

Receiver Error Angular Range In Minutes:

-7.0/+7.0

Actuator Friction Torque At Plus 25 Deg Celsius:

0.08 inch-ounces

Torque Gradient Per Angular Deg:

2400.0 millimeter-milligrams

Shaft Radial Play Test Point:

0.125 inches

Shaft Maximum Radial Play:

0.0008 inches

Shaft End Play:

0.0015 inches

Pilot Length:

0.0400 inches

Mounting Surface To Terminal End Distance:

1.2410 inches

Shaft Maximum Runout:

0.0010 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

95.00

Shaft Slot Depth:

0.0320 inches front shaft

Plus J Zso Reactance In Ohms:

75.00

Shaft Slot Width:

0.0300 inches front shaft

Shaft Type:

Round, slotted front shaft

Shaft Radial Play Determining Weight:

4.0 ounces

Shaft End Play Determining Weight:

8.0 ounces

Special Features:

Transparent rear end cap

Terminal Type And Quantity:

6 wire lead

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fig:

A07800