

View Online at <https://aerobasegroup.com/nsn/5990-00-795-3038>

Body Material:

Aluminum

Body Style:

Standard round a

Pilot Diameter:

0.5000 inches

Overall Length:

1.7350 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:

0.4370 inches single shaft

Schematic Diagram Designator:

Err-090

Fragility Factor:

Moderately rugged

Body Size:

8

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

45.0 milliamperes

Rotor Input Electrical Power Rating:

320.0 allqjaa3.500 microwatts

Zro Resistance In Ohms:

127.00

Rotor Dc Resistance In Ohms:

72.00

Stator Dc Resistance In Ohms:

75.00

Phase Shift Angle In Deg:

7.500 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

0.025

Maximum Linear Range In Deg:

-50.0/+50.0

Linearity In Percent:

0.50

Output Voltage Change Per Deg In Volts:

0.26

Actuator Friction Torque At Minus 55 Deg Celsius:

1.00 inch-ounces

Actuator Friction Torque At Plus 25 Deg Celsius:

1.00 inch-ounces

Shaft Radial Play Test Point:

0.125 inches

Shaft Maximum Radial Play:

0.0005 inches

Shaft End Play:

Between 0.0002 inches and 0.0007 inches

Pilot Length:

0.0430 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:

565.00

Shaft Type:

Round, flatted single shaft

Shaft Flatted Portion Thickness:

0.0580 inches single shaft

Shaft Flatted Portion Length:

0.3370 inches single shaft

Shaft Radial Play Determining Weight:

4.0 ounces

Shaft End Play Determining Weight:

8.0 ounces

Terminal Type And Quantity:

4 wire lead

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

Yes - demil/mli

Fig:

A07800