

View Online at <https://aerobasegroup.com/nsn/5990-00-927-9751>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round c

Shoulder Diameter:

Between 0.9995 inches and 1.0000 inches

Pilot Diameter:

Between 0.6245 inches and 0.6250 inches

Overall Length:

2.3390 inches

Flange Diameter:

Between 1.0570 inches and 1.0650 inches

Flange Thickness:

Between 0.0900 inches and 0.0960 inches

Undercut Diameter:

0.9750 inches

Undercut Width:

0.0500 inches

Shaft Diameter:

0.1870 inches front shaft and 0.1872 inches front shaft

Shaft Length:

0.5450 inches front shaft and 0.5560 inches front shaft

Schematic Diagram Designator:

Err-090

Fragility Factor:

Moderately rugged

Body Size:

11

Rotor Input Voltage Rating In Volts:

115.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

60.0 milliamperes

Rotor Input Electrical Power Rating:

1.1 watts

Zro Impedance Magnitude In Ohms:

2060.00

Zro Impedance Angle In Deg:

80.00

Rotor Dc Resistance In Ohms:

159.00

Stator Dc Resistance In Ohms:

137.00

Phase Shift Angle In Deg:

5.300 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

45.00 input

Torque Gradient Per Angular Deg:

0.009 inch-ounces

Shaft Radial Play Test Point:

0.125 inches

Shaft Maximum Radial Play:

0.0006 inches

Shaft End Play:

Between 0.0005 inches and 0.0015 inches

Pilot Length:

Between 0.0590 inches and 0.0650 inches

Shoulder Length:

Between 0.0580 inches and 0.0810 inches

Mounting Surface To Terminal End Distance:

1.7820 inches

Shaft Maximum Runout:

0.0008 inches

Shaft Thread Series Designator:

Unf front shaft

Shaft Thread Direction:

Right-hand front shaft

Shaft Thread Class:

2a front shaft

Terminal Location:

Rear

Shaft Thread Length:

0.2000 inches front shaft

Shaft Type:

Round, threaded front shaft

Transformation Ratio:

Between 0.767 rotor to stator and 0.799 rotor to stator

Shaft Thread Size:

0.190 inches front shaft

Terminal Type And Quantity:

5 screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800