

View Online at <https://aerobasegroup.com/nsn/5990-01-089-9694>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round c

Shoulder Diameter:

1.0000 inches

Pilot Diameter:

0.6250 inches

Overall Length:

2.2160 inches

Flange Diameter:

1.0620 inches

Flange Thickness:

0.0930 inches

Undercut Diameter:

0.9750 inches

Undercut Width:

0.0500 inches

Shaft Diameter:

0.1200 inches single shaft

Shaft Length:

0.3120 inches single shaft

Fragility Factor:

Moderately rugged

Body Size:

11

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

176.0 milliamperes

Rotor Input Electrical Power Rating:

900.0 milliwatts

Zro Impedance Magnitude In Ohms:

170.00

Zro Impedance Angle In Deg:

77.00

Zso Impedance Magnitude In Ohms:

42.00

Zso Impedance Angle In Deg:

80.50

Zrs Impedance Magnitude In Ohms:

44.00

Zrs Impedance Angle In Deg:

24.00

Rotor Dc Resistance In Ohms:

24.00

Stator Dc Resistance In Ohms:

4.20

Transformation Ratio Equality In Percent:

0.018

Phase Shift Angle In Deg:

8.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

15.00 input

Maximum Total Null Voltage Output In Millivolts Per Volt:

20.00

Electrical Error Angular Range In Minutes:

-2.0/+2.0

Actuator Friction Torque At Minus 55 Deg Celsius:

16.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

6.0 centimeter-grams

Alignment Hole Quantity:

4

Shaft Radial Play Test Point:

0.250 inches

Shaft End Play:

Between 0.0005 inches and 0.0015 inches

Pilot Length:

0.0620 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.7310 inches

Shaft Maximum Runout:

0.0008 inches

Terminal Location:

Rear

Shaft Slot Depth:

0.0250 inches single shaft

Shaft Slot Width:

0.0300 inches single shaft

Shaft Type:

Round, slotted single shaft

Alignment Hole Depth:

0.1250 inches

Transformation Ratio:

0.454 rotor to stator

Alignment Hole Bolt Circle Diameter:

0.8120 inches

Shaft Radial Play Determining Weight:

4.0 ounces

Shaft End Play Determining Weight:

16.0 ounces

Special Features:

Terminal lg 36.000 in. Min

Terminal Type And Quantity:

8 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A07800