

View Online at <https://aerobasegroup.com/nsn/5990-01-207-5336>

Body Material:

Any acceptable

Body Style:

Standard round a

Pilot Diameter:

0.5000 inches

Overall Length:

1.8750 inches

Flange Diameter:

Between 0.7470 inches and 0.7500 inches

Flange Thickness:

Between 0.0590 inches and 0.0650 inches

Undercut Diameter:

Between 0.6880 inches and 0.6910 inches

Undercut Width:

Between 0.0590 inches and 0.0650 inches

Shaft Diameter:

0.3600 inches single shaft and 0.3900 inches single shaft

Shaft Length:

0.3750 inches single shaft

End Application:

B-1b acft

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

109.0 milliamperes

Rotor Input Electrical Power Rating:

1375.0 milliwatts

Zro Resistance In Ohms:

115.00

Zso Resistance In Ohms:

70.00

Zrs Resistance In Ohms:

180.00

Zss Resistance In Ohms:

75.00

Zso-9 Designator Resistance In Ohms:

47.00

Zro Impedance Magnitude In Ohms:

238.00

Zro Impedance Angle In Deg:

61.00

Zso Impedance Magnitude In Ohms:

87.00

Zso Impedance Angle In Deg:

41.80

Zrs Impedance Magnitude In Ohms:

78.50

Zrs Impedance Angle In Deg:

15.50

Rotor Dc Resistance In Ohms:

Between 42.50 and 57.50

Stator Dc Resistance In Ohms:

Between 35.70 and 48.30

Phase Shift Angle In Deg:

20.000 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

30.00

Pilot Length:

Between 0.0380 inches and 0.0430 inches

Mounting Surface To Terminal End Distance:

1.5000 inches

Terminal Location:

Side

Plus J Zro Reactance In Ohms:

225.00

Plus J Zso Reactance In Ohms:

65.00

Plus J Zrs Reactance In Ohms:

140.00

Shaft Type:

Round single shaft

Plus J Zss Reactance In Ohms:

20.00

Transformation Ratio:

Between 0.440 stator to rotor and 0.468 stator to rotor

Plus J Zso-9 Designator Reactance In Ohms:

47.00

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800