

Box Properties

--Description--

Name:

Type: Vented Box

Shape: Cube

--Box Parameters--

Vb = 2.251 cu.ft

V(total) = 2.287 cu.ft

Fb = 22.44 Hz

QL = 6.731

F3 = 27.61 Hz

Fill = minimal

--Vents--

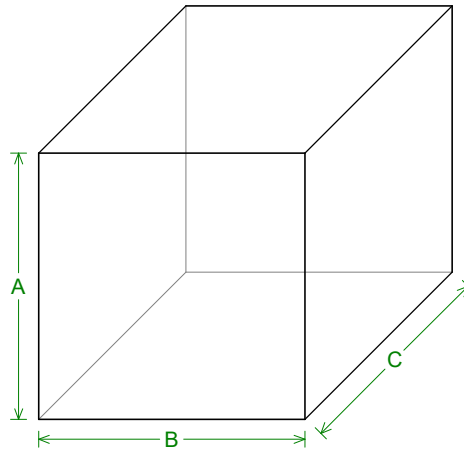
No. of Vents = 1

Vent shape = round

Vent ends = two flush

Dv = 3.5 in

Lv = 19.72 in



--External Dimensions--

A = 17.31 in

B = 17.31 in

C = 18.06 in

--Internal Dimensions--

A = 15.81 in

B = 15.81 in

C = 15.81 in

--Wall Thickness--

Front = 1.5 in

Side = 0.75 in

Driver Properties

--Description--

Name: RSS265HF-4 10 inch

Type: Standard one-way driver

Company: Dayton Loudspeaker Co.

--Configuration--

No. of Drivers = 1

--Mechanical Parameters--

Fs = 26.5 Hz

Qms = 3.06

Vas = 54 liters

Cms = 0.32 mm/N

Mms = 120 g

Rms = 6.133 kg/s

Xmax = 12.3 mm

Xmech = 18.45 mm

P-Dia = 209.5 mm

Sd = 356.3 sq.cm

P-Vd = 0.424 liters

--Electrical Parameters--

Qes = 0.53

Re = 3.5 ohms

Le = 0.96 mH

Z = 4 ohms

BL = 11.43 Tm

Pe = 350 watts

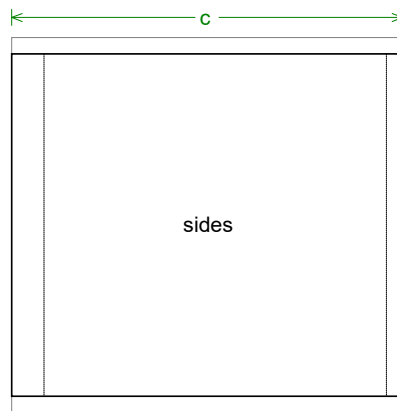
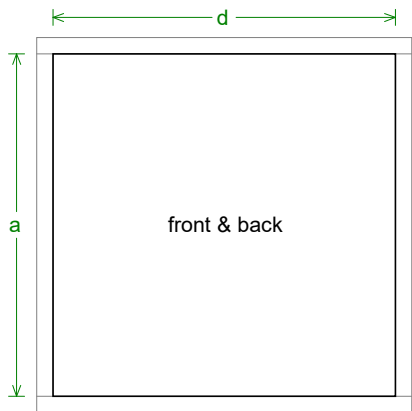
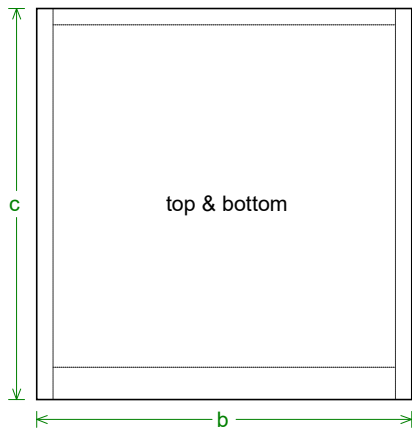
--Electromech. Parameters--

Qts = 0.45

no = 0.183 %

1-W SPL = 84.77 dB

2.83-V SPL = 87.8 dB



Box Parts

Box Shape: Cube

1 Top, 1 Bottom: depth (c) = 18.06 in
width (b) = 17.31, thickness = 0.75 in

1 Front: height (a) = 15.81 in
width (d) = 15.81, thickness = 1.5 in

1 Back: height (a) = 15.81 in
width (d) = 15.81, thickness = 0.75 in

2 Sides: height (a) = 15.81 in
depth (c) = 18.06, thickness = 0.75 in

--Driver Mounting--
Mounting: Flush



Wiring Diagram

