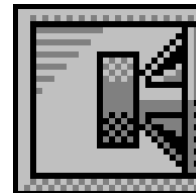


Custom Vented Box Design

By Mircea Bartic, nexo sa



Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 57.07 liters

Fb = 40 Hz

QL = 7

F3 = 46.97 Hz

Fill = minimal

--Vents--

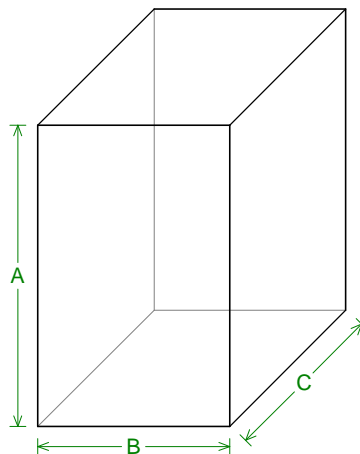
No. of Vents = 1

Vent shape = round

Vent ends = one flush

Dv = 106 mm

Lv = 187.4 mm



--External Dimensions--

A = 550 mm

B = 350 mm

C = 400 mm

--Internal Dimensions--

A = 514 mm

B = 314 mm

C = 364 mm

--Wall Thickness--

Front = 18 mm

Side = 18 mm

Driver Properties

--Description--

Name:

Type: Standard one-way driver

--Configuration--

No. of Drivers = 1

--Mechanical Parameters--

Fs = 38.65 Hz

Qms = 2.38

Vas = 96.64 liters

Mms = 70 g

Sd = 530 sq.cm

--Electrical Parameters--

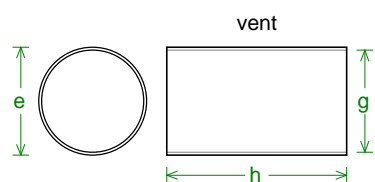
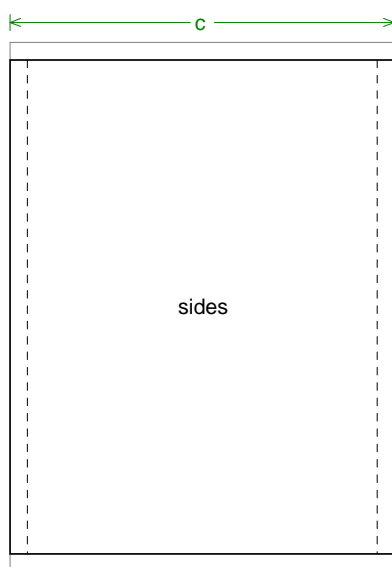
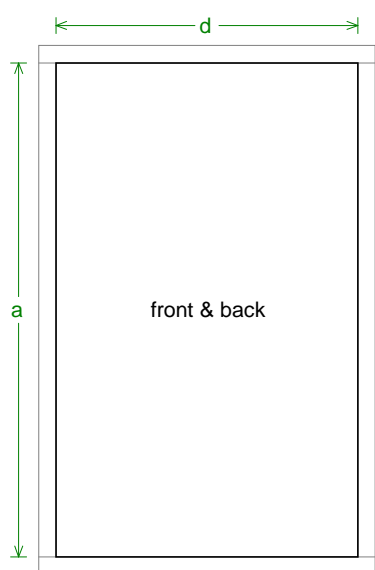
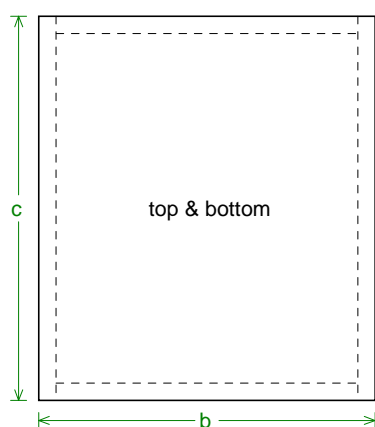
Qes = 0.425

Re = 3.6 ohms

Z = 4 ohms

BL = 12 Tm

--Electromech. Parameters--



Box Parts

--Square Prism Box Parts--

1 Top, 1 Bottom: depth (c) = 400 mm
width (b) = 350, thickness = 18 mm

1 Front, 1 Back: height (a) = 514 mm
width (d) = 314, thickness = 18 mm

2 Sides: height (a) = 514 mm
depth (c) = 400, thickness = 18 mm

--Vent Parts--

1 Duct: outside diameter (e) = 112.4 mm
inside diameter (g) = 106 mm
length (h) = 187.4 mm

--Driver Mounting-- Mounting:



Wiring Diagram

