

Box Properties

--Description--

Name: 1x18 sub comparison

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 160,2 liters

V(total) = 174,3 liters

Fb = 34,39 Hz

F3 = 52,76 Hz

Fill = minimal

--Vents--

No. of Vents = 1

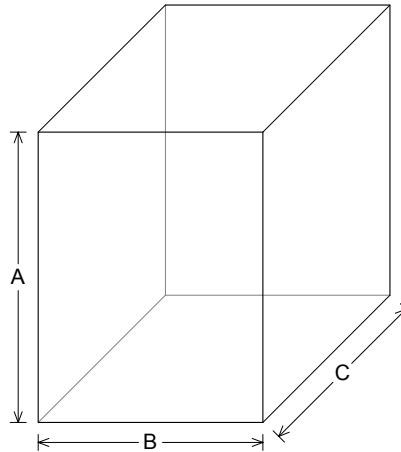
Vent shape = rectangle

Vent ends = one flush

Hv = 80, mm

Wv = 430, mm

Lv = 429,9 mm



--External Dimensions--

A = 706, mm

B = 546, mm

C = 583, mm

--Internal Dimensions--

A = 670, mm

B = 510, mm

C = 510, mm

--Wall Thickness--

Front = 55, mm

Side = 18, mm

Driver Properties

--Description--

Name: EVX-180A

Type: Standard one-way driver

Company: Electro-Voice, Inc.

Piston: Ribbed, Kevlar fiber composite cone

Frame: Cast aluminum

Voice Coil: 4 in, Aluminum on Polyimide former

Terminals: Chromeplated, push type

Magnet: 8.3 kg

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 29, Hz

Qms = 4,

Vas = 416,6 liters

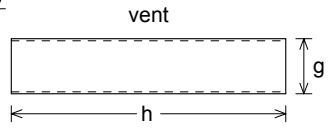
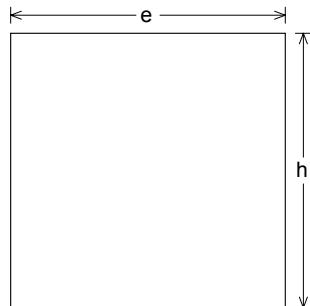
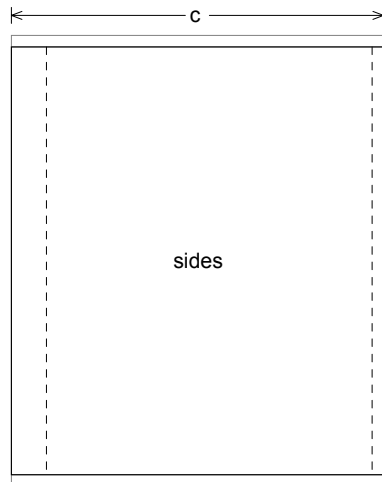
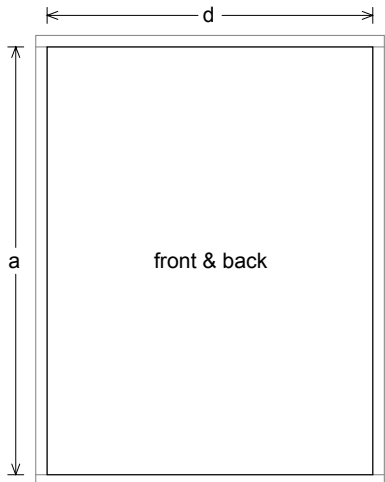
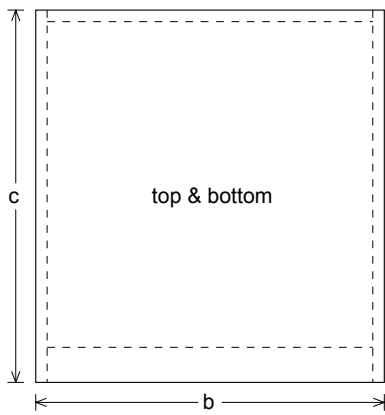
Xmax = 6,35 mm

Qes = 0,29

Re = 5, ohms

Z = 7, ohms

Pe = 600, watts



Box Parts

Box Shape: Square Prism

1 Top, 1 Bottom: depth (c) = 583, mm
width (b) = 546,, thickness = 18, mm

1 Front: height (a) = 670, mm
width (d) = 510,, thickness = 55, mm

1 Back: height (a) = 670, mm
width (d) = 510,, thickness = 18, mm

2 Sides: height (a) = 670, mm
depth (c) = 583,, thickness = 18, mm

--Driver Mounting--
Mounting: Flush

--Vent Parts--

1 Top, 1 Bottom:
width (e) = 430,, length (h) = 429,9 mm
thickness = 3,175 mm

2 Sides:
height (g) = 86,35, length (h) = 429,9 mm
thickness = 3,175 mm

