

Box Properties

--Description--

Name: 1x18 sub comparison

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 147,5 liters

V(total) = 203,5 liters

Fb = 34,37 Hz

F3 = 54,82 Hz

Fill = minimal

--Vents--

No. of Vents = 1

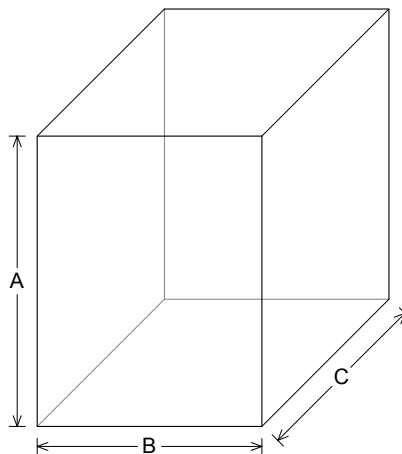
Vent shape = rectangle

Vent ends = one flush

Hv = 140, mm

Wv = 430, mm

Lv = 870,2 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-180B

Type: Standard one-way driver

Company: Electro-Voice, Inc.

Comment: EVX series

Piston: Ribbed, Kevlar fiber composite cone.

Frame: Cast aluminum basket.

Voice Coil: 100 mm (4 in) aluminum coil. Polyimide former.

Terminals: Chromeplated, push type

Magnet: 7 lb magnet.

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 29, Hz

Qms = 4,

Vas = 416, liters

Xmax = 6,35 mm

Sd = 1220 sq.cm

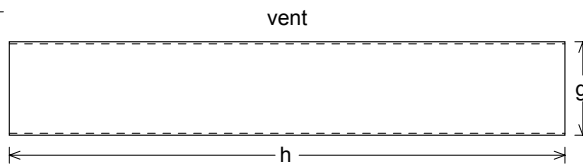
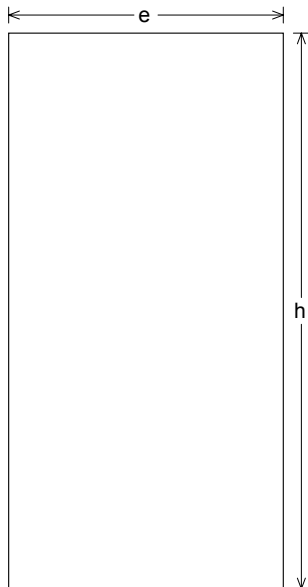
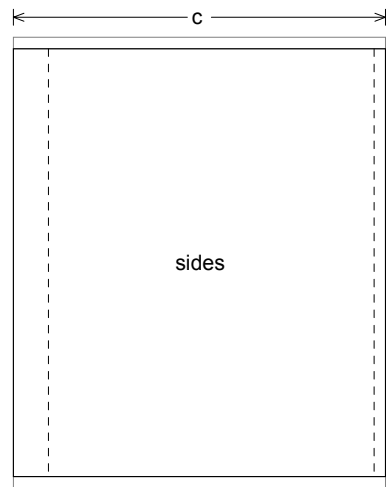
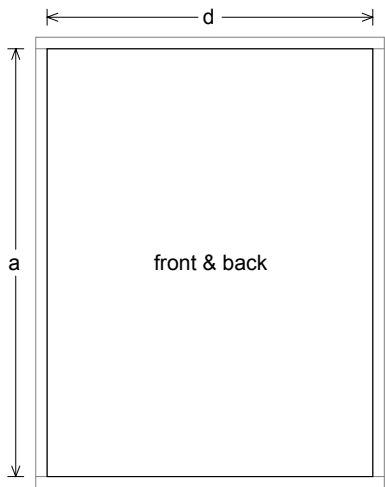
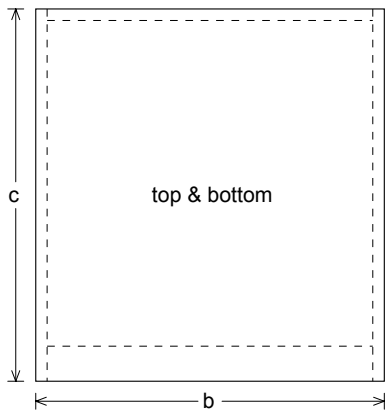
Qes = 0,29

Re = 5, ohms

Le = 1,6 mH

Z = 8, 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) = 870,2 mm
thickness = 3,175 mm

2 Sides:
height (g) = 146,4, length (h) = 870,2 mm
thickness = 3,175 mm

