

### Box Properties

*--Description--*

Name: CAD 181N

Type: Vented Box

Shape: Prism, square

*--Box Parameters--*

Vb = 144,7 liters

V(total) = 174,3 liters

Fb = 46, Hz

F3 = 44,44 Hz

Fill = minimal

*--Vents--*

No. of Vents = 1

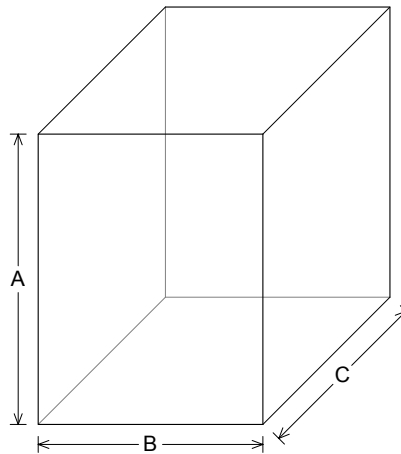
Vent shape = rectangle

Vent ends = one flush

Hv = 140, mm

Wv = 430, mm

Lv = 404,9 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: 18LW1400 [2005]

Type: Standard one-way driver

Company: Eighteen Sound

Suspension: Double silicon spider.

Voice Coil: 100 mm (4 inch) ISV coil.

Magnet: Ferrite magnet.

*--Configuration--*

**No. of Drivers = 1**

*--Driver Parameters--*

Fs = 31, Hz

Qms = 7,2

Vas = 297, liters

Xmax = 9, mm

Sd = 1225 sq.cm

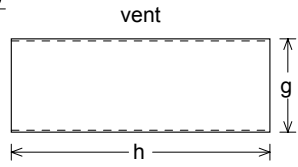
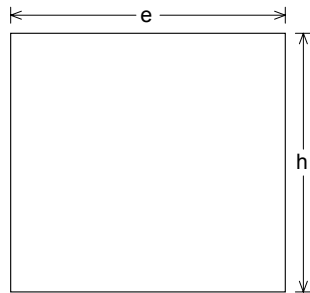
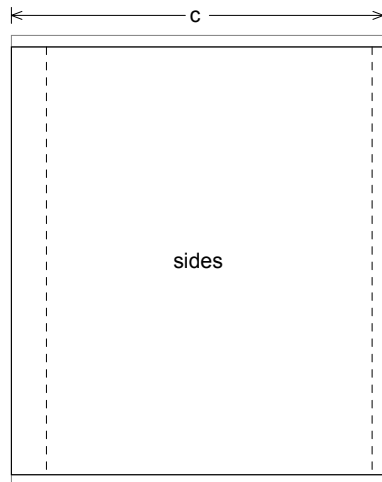
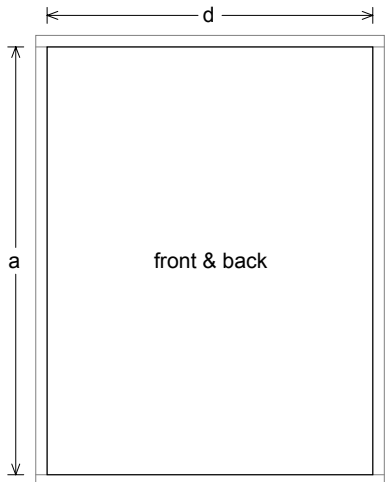
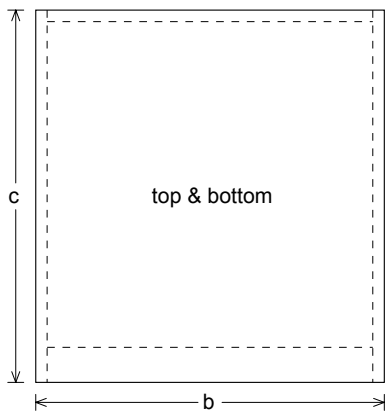
Qes = 0,31

Re = 5, ohms

Le = 2,3 mH

Z = 8, ohms

Pe = 1000 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) = 404,9 mm  
thickness = 3,175 mm

2 Sides:  
height (g) = 146,4, length (h) = 404,9 mm  
thickness = 3,175 mm

