

AV 806 8 BRS

By Departamento técnico, Audio Sudamericana
Gral.Madariaga6939
CABA



Box Properties

--Description--

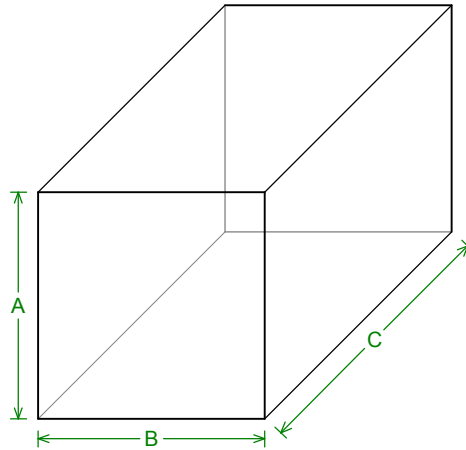
Name: Bass reflex
Type: Vented Box
Shape: Prism, square
Company: Audio Sudamericana

--Box Parameters--

Vb = 16 liters
V(total) = 18.77 liters
Fb = 60 Hz
QL = 7
F3 = 60.27 Hz
Fill = minimal

--Vents--

No. of Vents = 1
Vent shape = rectangle
Vent ends = one flush
Hv = 81.74 mm
Wv = 81.74 mm
Lv = 270.1 mm



--External Dimensions--

A = 255.8 mm
B = 255.8 mm
C = 398.1 mm

--Internal Dimensions--

A = 225.8 mm
B = 225.8 mm
C = 368.1 mm

--Wall Thickness--

Front = 15 mm
Side = 15 mm

Driver Properties

--Description--

Name: AV 806 8
Type: Standard one-way driver
Company: American Vox

--Configuration--

No. of Drivers = 1

--Mechanical Parameters--

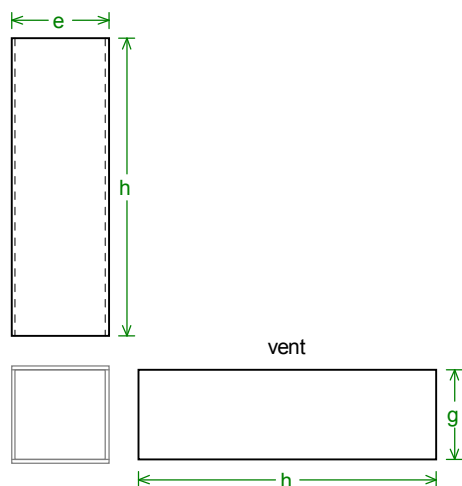
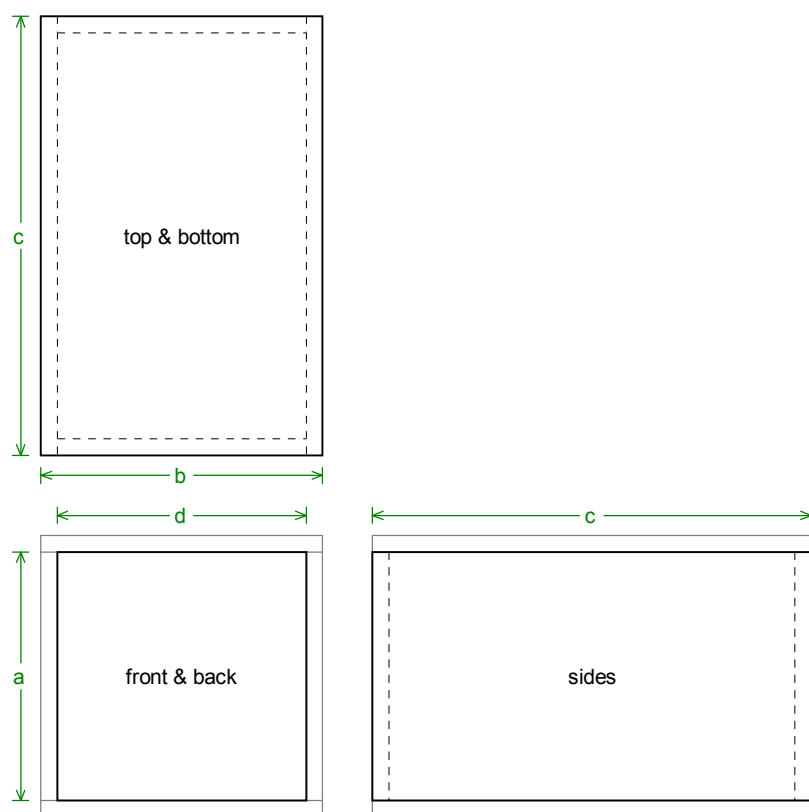
Fs = 56.61 Hz
Qms = 11.57
Vas = 19.62 liters
Cms = 0.239 mm/N
Mms = 33.08 g
Rms = 1.017 kg/s
Xmax = 6 mm
Xmech = 12 mm
P-Dia = 175 mm
Sd = 240.4 sq.cm
P-Vd = 0.144 liters

--Electrical Parameters--

Qes = 0.405
Re = 6.59 ohms
Le = 1.02 mH
Z = 7.908 ohms
BL = 13.84 Tm
Pe = 200 watts

--Electromech. Parameters--

Qts = 0.391
no = 0.847 %
1-W SPL = 91.43 dB
2.83-V SPL = 92.27 dB



Box Parts

Box Shape: Square Prism

1 Top, 1 Bottom: depth (c) = 398.1 mm
width (b) = 255.8, thickness = 15 mm

1 Front, 1 Back: height (a) = 225.8 mm
width (d) = 225.8, thickness = 15 mm

2 Sides: height (a) = 225.8 mm
depth (c) = 398.1, thickness = 15 mm

--Vent Parts--

1 Top, 1 Bottom:
width (e) = 88.09, length (h) = 270.1 mm
thickness = 3.175 mm

2 Sides:
height (g) = 81.74, length (h) = 270.1 mm
thickness = 3.175 mm

--Driver Mounting--

Mounting: Flush

Wiring Diagram

