

AV Neo 1576 BRS

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CABA



Box Properties

--Description--

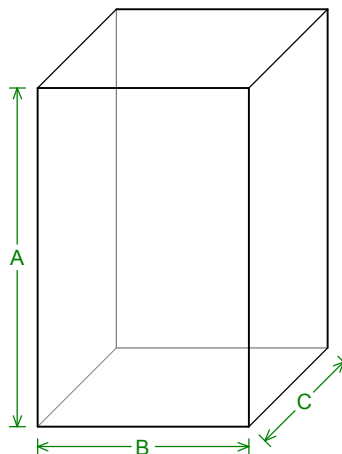
Name: Bass reflex
Type: Vented Box
Shape: Prism, square
Company: Audio Sudamericana

--Box Parameters--

Vb = 120 liters
V(total) = 123.7 liters
Fb = 48 Hz
QL = 5.077
F3 = 49.84 Hz
Fill = minimal

--Vents--

No. of Vents = 1
Vent shape = rectangle
Vent ends = one flush
Hv = 140.1 mm
Wv = 140.1 mm
Lv = 63.49 mm



--External Dimensions--

A = 826 mm
B = 516 mm
C = 362.3 mm

--Internal Dimensions--

A = 790 mm
B = 480 mm
C = 326.3 mm

--Wall Thickness--

Front = 18 mm
Side = 18 mm

Driver Properties

--Description--

Name: AV Neo 1576
Type: Standard one-way driver
Company: American Vox

--Configuration--

No. of Drivers = 1

--Mechanical Parameters--

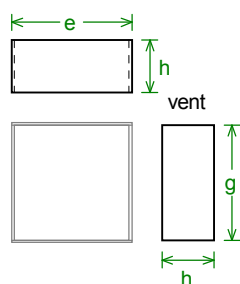
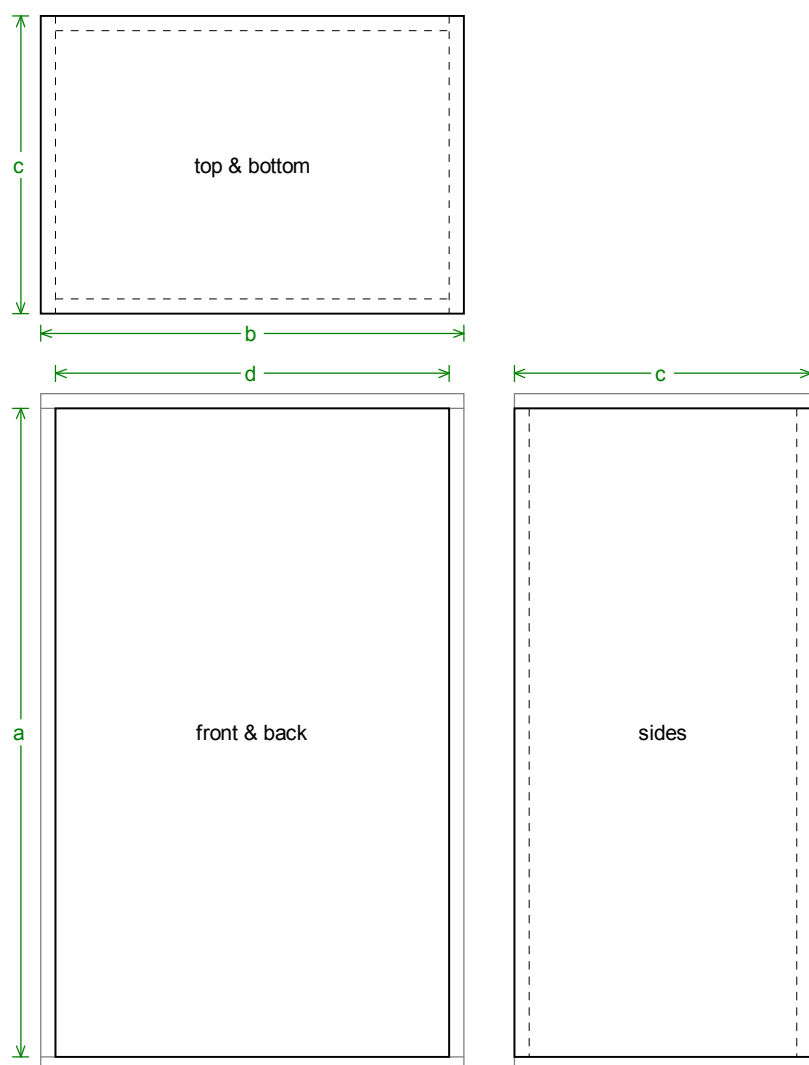
Fs = 43.75 Hz
Qms = 6.555
Vas = 166.7 liters
Cms = 0.253 mm/N
Mms = 52.31 g
Rms = 2.187 kg/s
Xmax = 7.5 mm
Xmech = 9 mm
P-Dia = 294.5 mm
Sd = 681.1 sq.cm
P-Vd = 0.511 liters

--Electrical Parameters--

Qes = 0.48
Re = 5.7 ohms
Le = 1.325 mH
Z = 6.84 ohms
BL = 13.07 Tm
Pe = 500 watts

--Electromech. Parameters--

Qts = 0.447
no = 2.804 %
1-W SPL = 96.02 dB
2.83-V SPL = 97.42 dB



Box Parts

Box Shape: Square Prism

1 Top, 1 Bottom: depth (c) = 362.3 mm
width (b) = 516, thickness = 18 mm

1 Front, 1 Back: height (a) = 790 mm
width (d) = 480, thickness = 18 mm

2 Sides: height (a) = 790 mm
depth (c) = 362.3, thickness = 18 mm

--Vent Parts--

1 Top, 1 Bottom:
width (e) = 146.4, length (h) = 63.49 mm
thickness = 3.175 mm

2 Sides:
height (g) = 140.1, length (h) = 63.49 mm
thickness = 3.175 mm

--Driver Mounting--

Mounting: Flush

Wiring Diagram

