

# AV 806 16 BRS

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## Box Properties

### --Description--

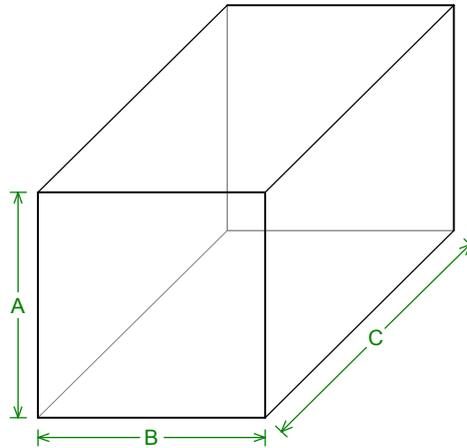
Name: Bass reflex  
Type: Vented Box  
Shape: Prism, square  
Company: Audio Sudamericana

### --Box Parameters--

Vb = 16 liters  
V(total) = 18.93 liters  
Fb = 60 Hz  
QL = 7  
F3 = 61.44 Hz  
Fill = minimal

### --Vents--

No. of Vents = 1  
Vent shape = rectangle  
Vent ends = one flush  
Hv = 83.14 mm  
Wv = 83.14 mm  
Lv = 281 mm



### --External Dimensions--

A = 255.9 mm  
B = 255.9 mm  
C = 400.9 mm

### --Internal Dimensions--

A = 225.9 mm  
B = 225.9 mm  
C = 370.9 mm

### --Wall Thickness--

Front = 15 mm  
Side = 15 mm

## Driver Properties

### --Description--

Name: AV 806 16  
Type: Standard one-way driver  
Company: American Vox

### --Configuration--

**No. of Drivers = 1**

### --Mechanical Parameters--

Fs = 59.04 Hz  
Qms = 13.86  
Vas = 19.5 liters  
Cms = 0.237 mm/N  
Mms = 30.62 g  
Rms = 0.821 kg/s  
Xmax = 6 mm  
Xmech = 12 mm  
P-Dia = 175.1 mm  
Sd = 240.7 sq.cm  
P-Vd = 0.144 liters

### --Electrical Parameters--

Qes = 0.462  
Re = 12.59 ohms  
Le = 1.5 mH  
Z = 15.11 ohms  
BL = 17.59 Tm  
Pe = 200 watts

### --Electromech. Parameters--

Qts = 0.447  
no = 0.837 %  
1-W SPL = 91.38 dB  
2.83-V SPL = 89.41 dB

### Box Parts

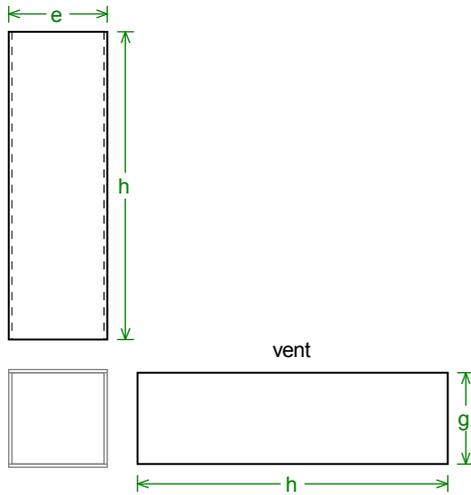
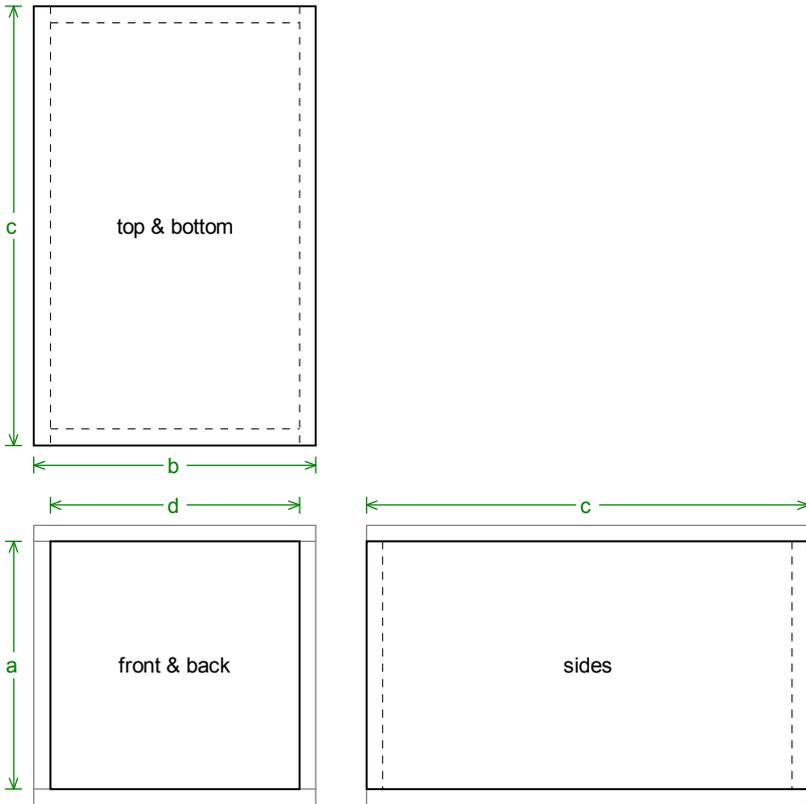
Box Shape: Square Prism

- 1 Top, 1 Bottom: depth (c) = 400.9 mm  
width (b) = 255.9, thickness = 15 mm
- 1 Front, 1 Back: height (a) = 225.9 mm  
width (d) = 225.9, thickness = 15 mm
- 2 Sides: height (a) = 225.9 mm  
depth (c) = 400.9, thickness = 15 mm

### --Vent Parts--

- 1 Top, 1 Bottom:  
width (e) = 89.49, length (h) = 281 mm  
thickness = 3.175 mm
- 2 Sides:  
height (g) = 83.14, length (h) = 281 mm  
thickness = 3.175 mm

--Driver Mounting--  
Mounting: Flush



### Wiring Diagram

