

Subwoofer Bass Reflex cu SAL SBX 3040

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Box Properties

--Description--

Name: Bass Reflex cu SAL SBX 3040

Type: Vented Box

Shape: Prism, square

Company: C Audio Design

Finish: PAL melaminat negru

Core Material: PAL 18 mm

--Box Parameters--

Vb = 66.13 liters

V(total) = 71.3 liters

Fb = 35 Hz

F3 = 34.18 Hz

Fill = heavy

--Vents--

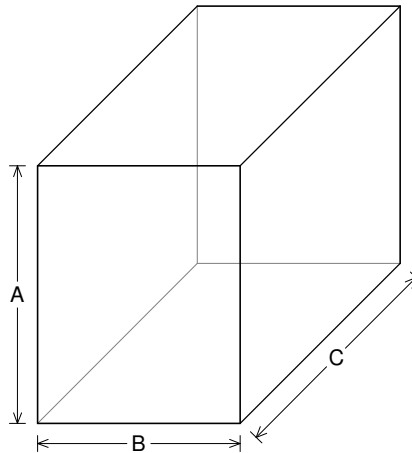
No. of Vents = 2

Vent shape = round

Vent ends = one flush

Dv = 75 mm

Lv = 206.2 mm



--External Dimensions--

A = 470 mm

B = 370 mm

C = 550 mm

--Internal Dimensions--

A = 434 mm

B = 334 mm

C = 494 mm

--Wall Thickness--

Front = 38 mm

Side = 18 mm

Driver Properties

--Description--

Name: SBX 3040

Type: Standard one-way driver

Company: SAL

Comment: 12 inch

Piston: Kevlar

Suspension: Cauciuc

Dust Cap: Kevlar

Frame: Stantat

Voice Coil: 2 inch

Terminals: Solder On

Magnet: 40 Oz

--Configuration--

No. of Drivers = 1

--Mechanical Parameters--

Fs = 26 Hz

Qms = 4.27

Vas = 151.3 liters

Cms = 0.39 mm/N

Mms = 96.08 g

Rms = 3.676 kg/s

Xmax = 5 mm

Xmech = 7.5 mm

P-Dia = 258 mm

Sd = 523 sq.cm

P-Vd = 0.261 liters

--Electrical Parameters--

Qes = 0.47

Re = 7.2 ohms

Le = 6.65 mH

Z = 8 ohms

BL = 15.51 Tm

Pe = 120 watts

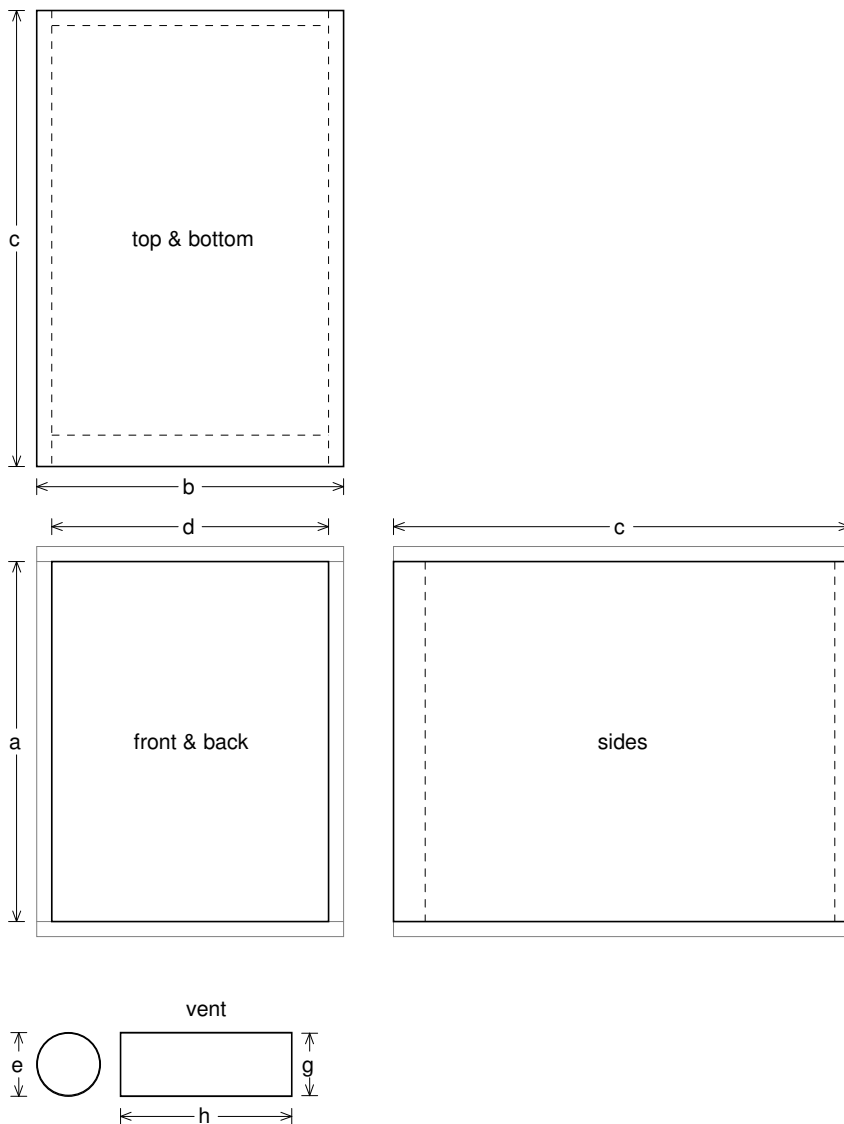
--Electromech. Parameters--

Qts = 0.423

no = 0.546 %

1-W SPL = 89.52 dB

2.83-V SPL = 89.98 dB



Box Parts

Box Shape: Square Prism

1 Top, 1 Bottom: depth (c) = 550 mm
width (b) = 370, thickness = 18 mm

1 Front: height (a) = 434 mm

width (d) = 334, thickness = 38 mm

1 Back: height (a) = 434 mm

width (d) = 334, thickness = 18 mm

2 Sides: height (a) = 434 mm

depth (c) = 550, thickness = 18 mm

--Driver Mounting--

Mounting: Front

--Vent Parts--

2 Ducts: outside diameter (e) = 77 mm

inside diameter (g) = 75 mm

length (h) = 206.2 mm

--Misc Objects Inside or Part of Box--

Object: intaritura 1

No. of Objects: 2

Each Object: 0.601 liters

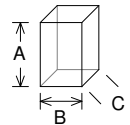
Total Volume: 1.202 liters (reduces box)

Shape: Square Prism

A = 334 mm

B = 100 mm

C = 18 mm



Object: intaritura 2

No. of Objects: 1

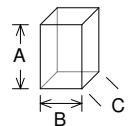
Volume: 0.781 liters (reduces box)

Shape: Square Prism

A = 434 mm

B = 18 mm

C = 100 mm



Object: intaritura 3

No. of Objects: 1

Volume: 0.18 liters (reduces box)

Shape: Square Prism

A = 100 mm

B = 100 mm

C = 18 mm

