

Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 32, liters

V(total) = 34,23 liters

Fb = 40, Hz

QL = 6,996

F3 = 40,55 Hz

Fill = normal

--Vents--

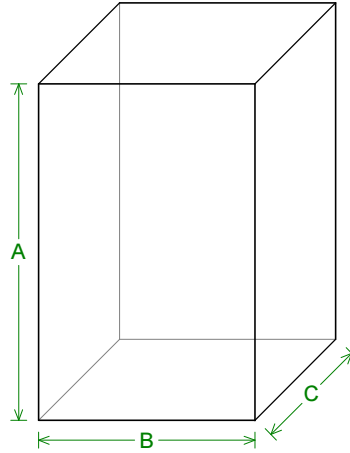
No. of Vents = 1

Vent shape = round

Vent ends = one flush

Dv = 85, mm

Lv = 248,5 mm



--External Dimensions--

A = 561,3 mm

B = 360,7 mm

C = 254,7 mm

--Internal Dimensions--

A = 525,3 mm

B = 324,7 mm

C = 200,7 mm

--Wall Thickness--

Front = 36, mm

Side = 18, mm

Driver Properties

--Description--

Name: SPH-8m

Type: Standard one-way driver

--Configuration--

No. of Drivers = 1

--Mechanical Parameters--

Fs = 35, Hz

Qms = 2,26

Vas = 44, liters

Cms = 0,538 mm/N

Mms = 38,43 g

Rms = 3,74 kg/s

Xmax = 4,5 mm

Xmech = 6,75 mm

P-Dia = 174,8 mm

Sd = 240, sq.cm

P-Vd = 0,108 liters

--Electrical Parameters--

Qes = 0,5

Re = 6,5 ohms

Le = 0,78 mH

Z = 7,8 ohms

BL = 10,48 Tm

Pe = 100, watts

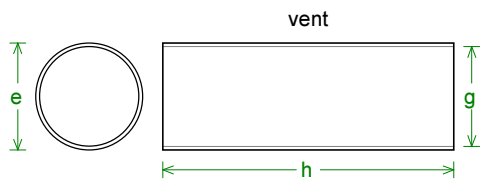
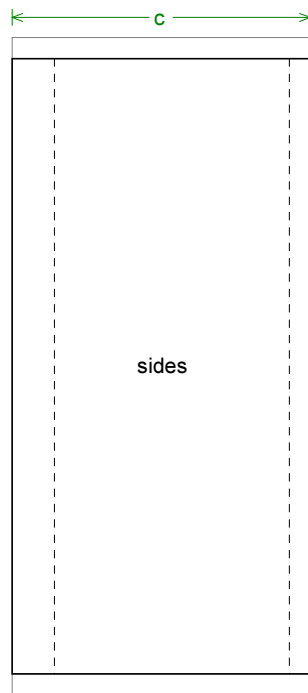
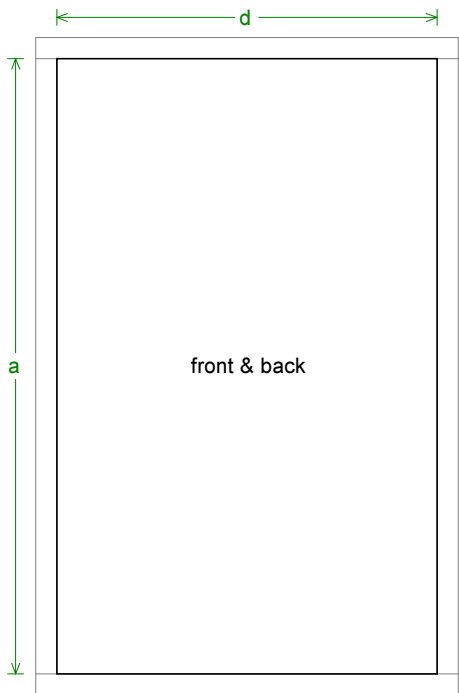
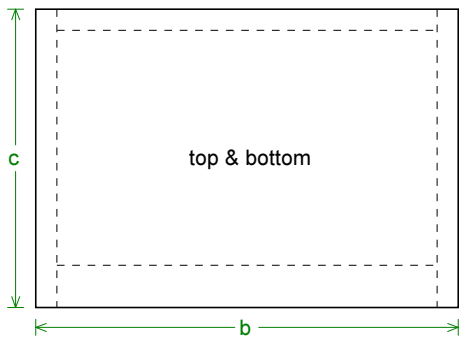
--Electromech. Parameters--

Qts = 0,409

no = 0,364 %

1-W SPL = 87,76 dB

2.83-V SPL = 88,66 dB



Box Parts

Box Shape: Optimum Square Prism

1 Top, 1 Bottom: depth (c) = 254,7 mm
width (b) = 360,7, thickness = 18, mm

1 Front: height (a) = 525,3 mm
width (d) = 324,7, thickness = 36, mm

1 Back: height (a) = 525,3 mm
width (d) = 324,7, thickness = 18, mm

2 Sides: height (a) = 525,3 mm
depth (c) = 254,7, thickness = 18, mm

--Driver Mounting--
Mounting: Flush

--Vent Parts--

1 Duct: outside diameter (e) = 91,35 mm
inside diameter (g) = 85, mm
length (h) = 248,5 mm

