

YING CHUN YDD200 LPP 3 Cai

By Vasile

Bas YING CHUN YDD200 LPP

Medii G5002; Inalte DM100

Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 32,98 liters

V(total) = 34,35 liters

Fb = 50,96 Hz

QL = 6,991

F3 = 66,3 Hz

Fill = minimal

--Vents--

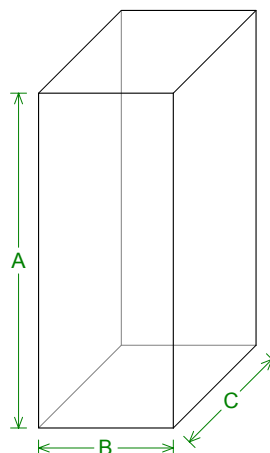
No. of Vents = 2

Vent shape = round

Vent ends = one flush

Dv = 50, mm

Lv = 83,84 mm



--External Dimensions--

A = 636, mm

B = 256, mm

C = 296, mm

--Internal Dimensions--

A = 600, mm

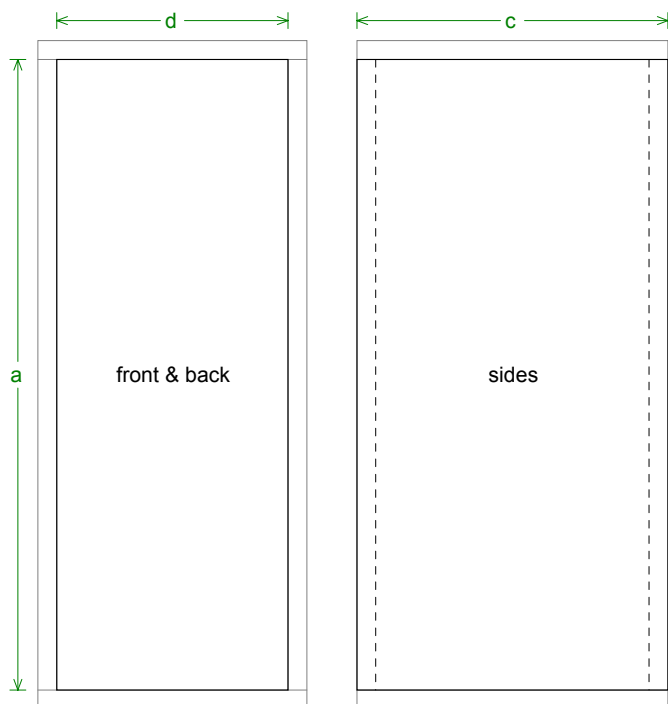
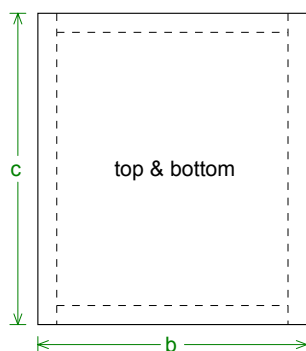
B = 220, mm

C = 260, mm

--Wall Thickness--

Front = 18, mm

Side = 18, mm



Box Parts

Box Shape: Square Prism

1 Top, 1 Bottom: depth (c) = 296, mm

width (b) = 256, thickness = 18, mm

1 Front, 1 Back: height (a) = 600, mm

width (d) = 220, thickness = 18, mm

2 Sides: height (a) = 600, mm

depth (c) = 296, thickness = 18, mm

--Driver Mounting--

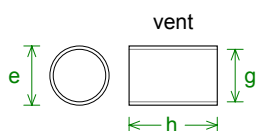
Mounting: Flush

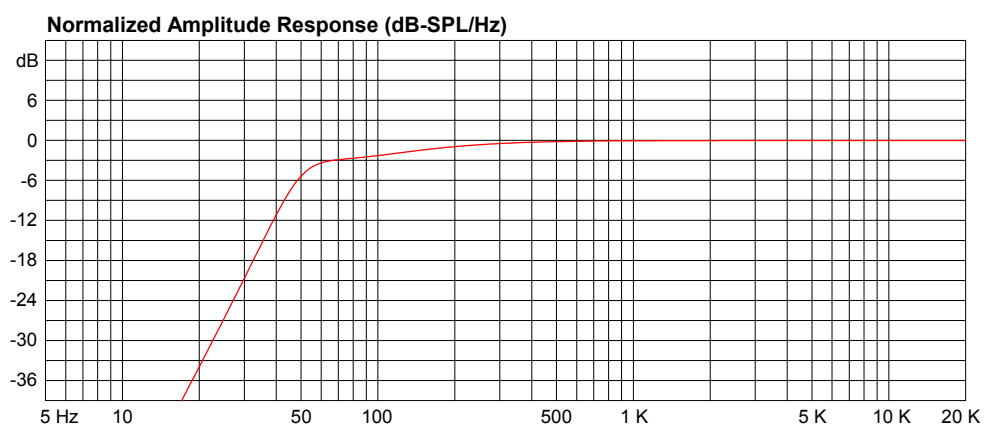
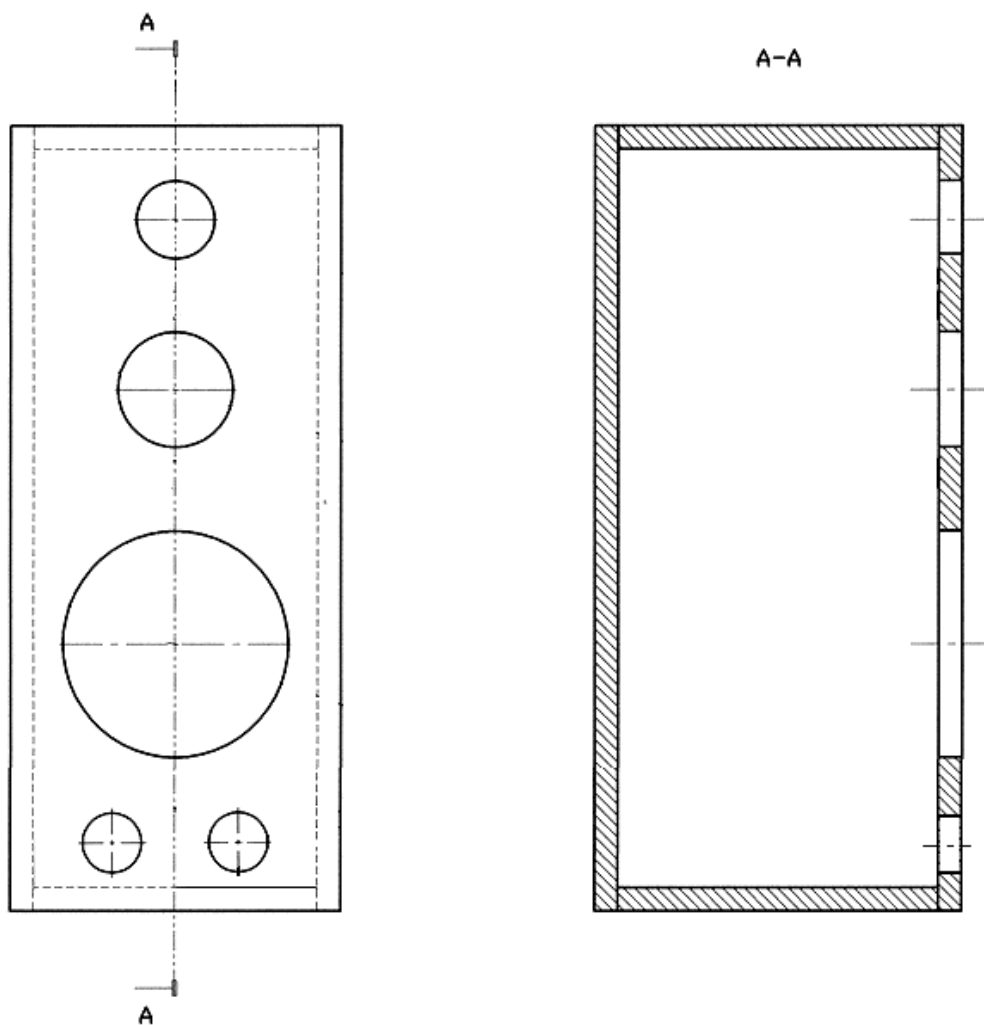
--Vent Parts--

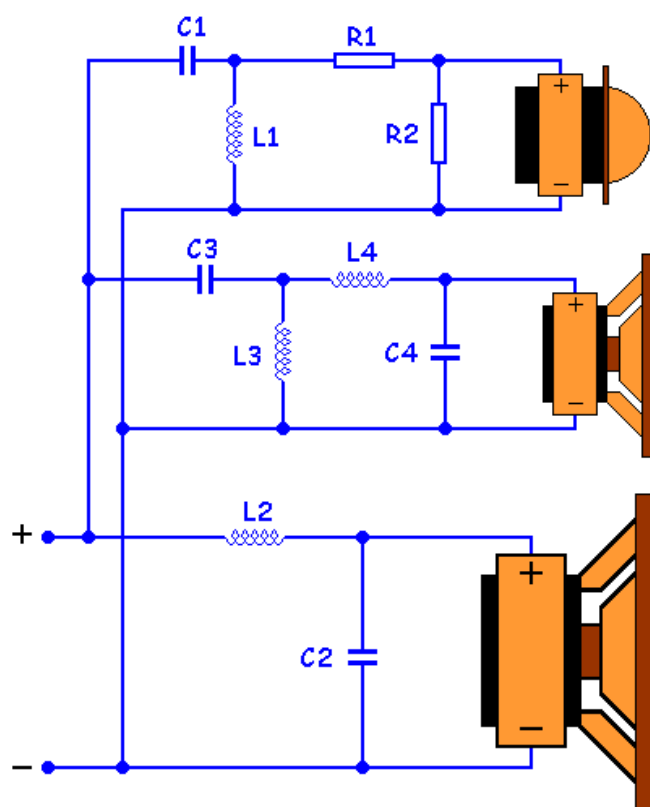
2 Ducts: outside diameter (e) = 56,35 mm

inside diameter (g) = 50, mm

length (h) = 83,84 mm







CROSSOVER

Second Order Linkwitz-Riley

F low : 800 Hz

F high : 4000 Hz

Tweeter- High Pass Section

C1= 2,41 μ F

L1= 0,66 mH

Woofer - Low Pass Section

L2= 3,29 mH

C2= 12,04 μ F

Midrange - Band Pass Section

C3= 19,26 μ F

L3= 3,48 mH

C4= 2,01 μ F

L4= 0,47 mH

Design de Vasile