

TIGER AUDIO

By CLEIDIMAR, TIGER AUDIO
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Box Properties

--Description--

Name: 10 600W

Type: Vented Box

Shape: Prism, square

Company: TIGER AUDIO

Comment: BY CLEIDIMAR FERREIRA

--Box Parameters--

Vb = 20, liters

V(total) = 22,77 liters

Fb = 57,9 Hz

QL = 7,

F3 = 41,11 Hz

Fill = minimal

--Vents--

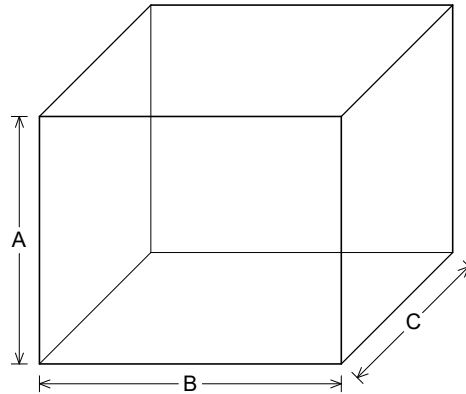
No. of Vents = 1

Vent shape = round

Vent ends = one flush

Dv = 77, mm

Lv = 140, mm



--External Dimensions--

A = 316, mm

B = 386, mm

C = 268,3 mm

--Internal Dimensions--

A = 280, mm

B = 350, mm

C = 232,3 mm

--Wall Thickness--

Front = 18, mm

Side = 18, mm

Driver Properties

--Description--

Name: 10" 600w

Type: Standard one-way driver

Company: TIGER AUDIO

Comment: CLEIDIMAR FERREIRA

Piston: PAPEL

Suspension: ESPUMA

Dust Cap: ABS

Frame: ALUMINIO

Voice Coil: CCAW

Terminals: BORNE PRESSAO

Magnet: 155X35

--Configuration--

No. of Drivers = 1

--Mechanical Parameters--

Fs = 42, Hz

Qms = 17,23

Vas = 12,5 liters

Cms = 0,086 mm/N

Mms = 167, g

Rms = 2,557 kg/s

Xmax = 12, mm

Xmech = 18, mm

P-Dia = 201,8 mm

Sd = 0,032 sq.m

P-Vd = 0,384 liters

--Electrical Parameters--

Qes = 0,872

Re = 3,8 ohms

Le = 1,6 mH

Z = 4, ohms

BL = 13,86 Tm

Pe = 600, watts

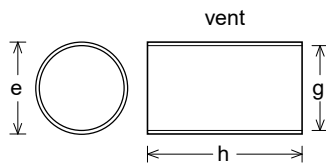
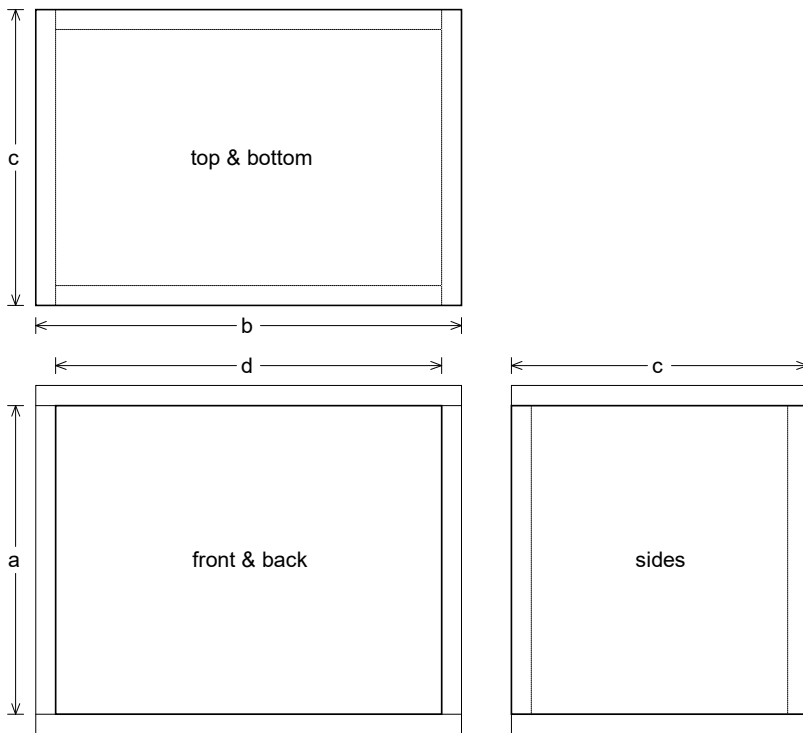
--Electromech. Parameters--

Qts = 0,83

no = 0,102 %

1-W SPL = 82,25 dB

2.83-V SPL = 85,47 dB



Box Parts

Box Shape: Square Prism

- 1 Top, 1 Bottom: depth (c) = 268,3 mm
width (b) = 386,, thickness = 18, mm
- 1 Front, 1 Back: height (a) = 280, mm
width (d) = 350,, thickness = 18, mm
- 2 Sides: height (a) = 280, mm
depth (c) = 268,3, thickness = 18, mm

--Driver Mounting--
Mounting: Flush

--Vent Parts--

- 1 Duct: outside diameter (e) = 83,35 mm
inside diameter (g) = 77, mm
length (h) = 140, mm

