

# TIGER AUDIO

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## Box Properties

### --Description--

Name:

Type: Vented Box

Shape: Prism, square

### --Box Parameters--

Vb = 16, liters

V(total) = 18,66 liters

Fb = 44,93 Hz

QL = 7,

F3 = 41,86 Hz

Fill = minimal

### --Vents--

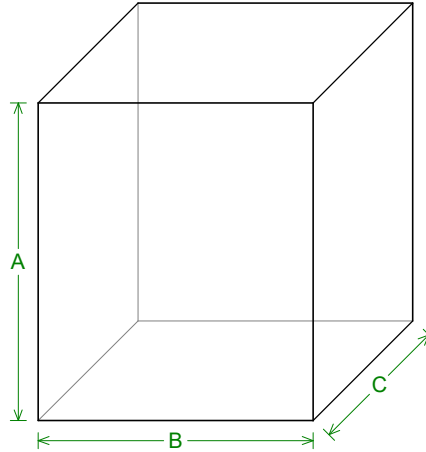
No. of Vents = 1

Vent shape = round

Vent ends = one flush

Dv = 50, mm

Lv = 140, mm



### --External Dimensions--

A = 370, mm

B = 320, mm

C = 219,2 mm

### --Internal Dimensions--

A = 340, mm

B = 290, mm

C = 189,2 mm

### --Wall Thickness--

Front = 15, mm

Side = 15, mm

## Driver Properties

### --Description--

Name: 10 350W

Type: Standard one-way driver

Company: TIGER AUDIO

Comment: CLEIDIMAR FERREIRA

Piston: CELULOSE

Suspension: ESPUMA

Dust Cap: ABS

Frame: CHAPA AÇO

Voice Coil: CCAW

Terminals: TERMINAL SOLDAVEL

Magnet: 134/25

### --Configuration--

**No. of Drivers = 1**

### --Mechanical Parameters--

Fs = 47, Hz

Qms = 1,798

Vas = 13, liters

Cms = 0,0381 mm/N

Mms = 300,8 g

Rms = 49,43 kg/s

Xmax = 11, mm

Xmech = 16,5 mm

P-Dia = 249,8 mm

Sd = 0,049 sq.m

P-Vd = 0,539 liters

### --Electrical Parameters--

Qes = 2,833

Re = 4, ohms

Le = 1,4 mH

Z = 4, ohms

BL = 11,2 Tm

Pe = 350, watts

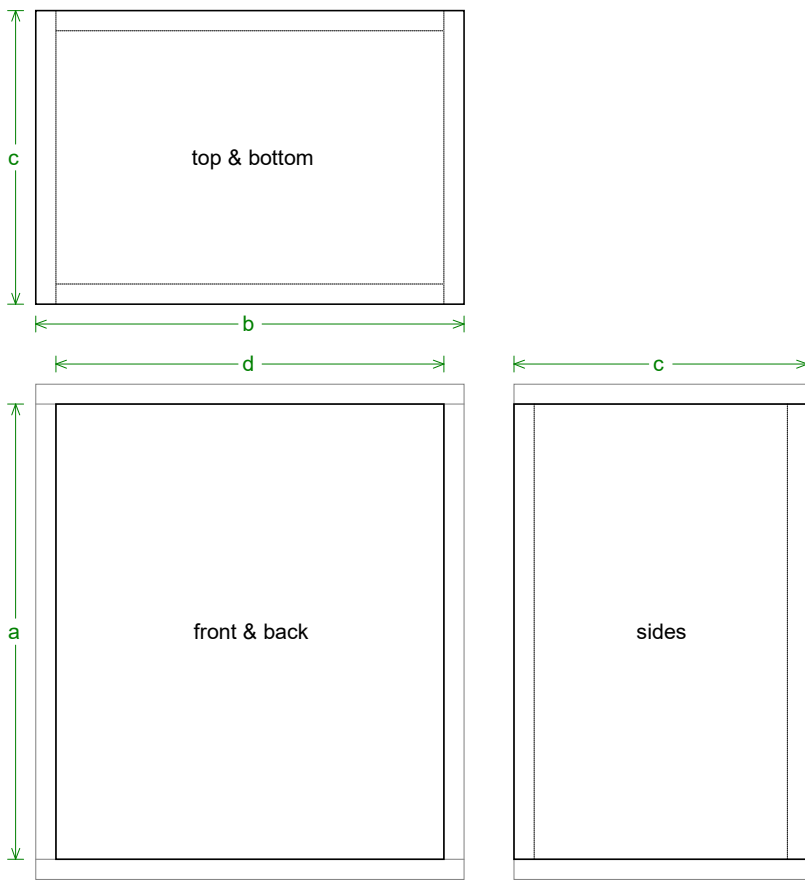
### --Electromech. Parameters--

Qts = 1,1

no = 0,0459 %

1-W SPL = 78,77 dB

2.83-V SPL = 81,78 dB



### Box Parts

Box Shape: Square Prism

- 1 Top, 1 Bottom: depth ( $c$ ) = 219,2 mm  
width ( $b$ ) = 320, thickness = 15, mm
- 1 Front, 1 Back: height ( $a$ ) = 340, mm  
width ( $d$ ) = 290, thickness = 15, mm
- 2 Sides: height ( $a$ ) = 340, mm  
depth ( $c$ ) = 219,2, thickness = 15, mm

--Driver Mounting--  
Mounting: Flush

--Vent Parts--

- 1 Duct: outside diameter ( $e$ ) = 56,35 mm  
inside diameter ( $g$ ) = 50, mm  
length ( $h$ ) = 140, mm

