

Diseño de gabinetes acústicos

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Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

Company: AUDIO SUDAMERICANA

--Box Parameters--

Vb = 165 liters

V(total) = 176.2 liters

Fb = 42 Hz

QL = 6.294

F3 = 38.24 Hz

Fill = minimal

--Vents--

No. of Vents = 1

Vent shape = other

Vent ends = one flush

Av = 268.5 sq.cm

Lv = 103.3 mm

Driver Properties

--Description--

Name: AV 1810

Type: Standard one-way driver

Company: AMERICAN VOX

--Configuration--

No. of Drivers = 1

--Mechanical Parameters--

Fs = 39.7 Hz

Qms = 10.46

Vas = 141 liters

Cms = 0.0874 mm/N

Mms = 184 g

Rms = 4.385 kg/s

Xmax = 7.5 mm

Xmech = 15 mm

P-Dia = 368.4 mm

Sd = 1066 sq.cm

P-Vd = 0.799 liters

--Electrical Parameters--

Qes = 0.425

Re = 4.7 ohms

Le = 2.4 mH

Z = 6.2 ohms

BL = 22.53 Tm

Pe = 1000 watts

--Electromech. Parameters--

Qts = 0.409

no = 2.001 %

1-W SPL = 95.16 dB

2.83-V SPL = 97.47 dB

Wiring Diagram







