

# Diseño de gabinetes acústicos

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## Box Properties

--Description--

Name: BASS REFLEX

Type: Vented Box

Shape: Prism, square

Company: AUDIO SUDAMERICANA

--Box Parameters--

Vb = 34 liters

V(total) = 38.99 liters

Fb = 65 Hz

QL = 7

F3 = 67.35 Hz

Fill = minimal

--Vents--

No. of Vents = 1

Vent shape = other

Vent ends = one flush

Av = 98 sq.cm

Lv = 101.5 mm

## Driver Properties

--Description--

Name: AV 1200

Type: Standard one-way driver

Company: AMERICAN VOX

--Configuration--

**No. of Drivers = 1**

--Mechanical Parameters--

Fs = 53 Hz

Qms = 6.256

Vas = 59.62 liters

Cms = 0.13 mm/N

Mms = 68.2 g

Rms = 3.692 kg/s

Xmax = 5.5 mm

Xmech = 11 mm

P-Dia = 269 mm

Sd = 568.3 sq.cm

P-Vd = 0.313 liters

--Electrical Parameters--

Qes = 0.348

Re = 5.96 ohms

Z = 7.152 ohms

BL = 19.73 Tm

Pe = 300 watts

--Electromech. Parameters--

Qts = 0.33

no = 2.466 %

1-W SPL = 96.05 dB

2.83-V SPL = 97.35 dB

