

Diseño de gabinetes acústicos

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Box Properties

--Description--

Name: REFLECTOR DE BAJO

Type: Vented Box

Shape: Prism, square

Company: AUDIO SUDAMERICANA

--Box Parameters--

Vb = 69 liters

V(total) = 81.03 liters

Fb = 53 Hz

QL = 6.876

F3 = 55.53 Hz

Fill = minimal

--Vents--

No. of Vents = 1

Vent shape = other

Vent ends = one flush

Av = 240 sq.cm

Lv = 212.1 mm

Driver Properties

--Description--

Name: AV 1506

Type: Standard one-way driver

Company: AMERICAN VOX

--Configuration--

No. of Drivers = 1

--Mechanical Parameters--

Fs = 29.88 Hz

Qms = 12.32

Vas = 266.4 liters

Cms = 0.256 mm/N

Mms = 110.7 g

Rms = 1.689 kg/s

Xmax = 8 mm

Xmech = 16 mm

P-Dia = 330.1 mm

Sd = 856 sq.cm

P-Vd = 0.685 liters

--Electrical Parameters--

Qes = 0.228

Re = 5.43 ohms

Z = 6.516 ohms

BL = 22.25 Tm

Pe = 700 watts

--Electromech. Parameters--

Qts = 0.224

no = 3.004 %

1-W SPL = 96.92 dB

2.83-V SPL = 98.61 dB

