

# Diseño de gabinetes acústicos

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## Box Properties

--Description--

Name: GABINETE CERRADO

Type: Closed Box

Shape: Prism, square

Company: AUDIO SUDAMERICANA

--Box Parameters--

Vb = 1.6 liters

V(total) = 2.993 liters

Qtc = 0.706

QL = 20

F3 = 220.2 Hz

Fill = normal

## Driver Properties

--Description--

Name: AV 805

Type: Standard one-way driver

Company: AMERICAN VOX

--Configuration--

**No. of Drivers = 1**

--Mechanical Parameters--

Fs = 62.29 Hz

Qms = 10.65

Vas = 19.74 liters

Cms = 0.319 mm/N

Mms = 20.45 g

Rms = 0.752 kg/s

Xmax = 3.15 mm

Xmech = 6.3 mm

P-Dia = 163 mm

Sd = 208.7 sq.cm

P-Vd = 0.0658 liters

--Electrical Parameters--

Qes = 0.229

Re = 5.88 ohms

Z = 7.056 ohms

BL = 14.34 Tm

--Electromech. Parameters--

Qts = 0.224

no = 2.04 %

1-W SPL = 95.18 dB

2.83-V SPL = 96.58 dB

