

# AV 818 Diseño Sugerido

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## Box Properties

--Description--

Name: Caja Sugerida  
Type: Closed Box  
Shape: Prism, square  
Company: Audio Sudamericana

--Box Parameters--

Vb = 12, liters  
V(total) = 13,03 liters  
Qtc = 1,183  
QL = 20,  
F3 = 91,23 Hz  
Fill = heavy

## Driver Properties

--Description--

Name: AV 818  
Type: Standard one-way driver  
Company: American Vox

--Configuration--

**No. of Drivers = 1**

--Mechanical Parameters--

Fs = 92, Hz  
Qms = 9,616  
Vas = 11,22 liters  
Cms = 0,263 mm/N  
Mms = 11,38 g  
Rms = 0,684 kg/s  
Xmax = 3,059 mm  
Xmech = 10,4 mm  
P-Dia = 148,6 mm  
Sd = 173,3 sq.cm  
P-Vd = 0,053 liters

--Electrical Parameters--

Qes = 1,45  
Re = 5,8 ohms  
Le = 0,42 mH  
Z = 8,2 ohms  
BL = 5,13 N/A  
Pe = 100, watts

--Electromech. Parameters--

Qts = 1,26  
no = 0,581 %  
1-W SPL = 88,68 dB  
2.83-V SPL = 89,84 dB

### Wiring Diagram







