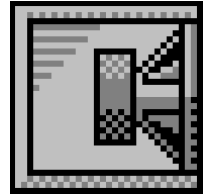


# Custom Closed Box Design

By Mark, Walberswick Studios



## Box Properties

--Description--

Name:

Type: Closed Box

Shape: Prism, square

--Box Parameters--

Vb = 0.0798 cu.ft

V(total) = 0.0917 cu.ft

Qtc = 0.707

QL = 20

F3 = 125.5 Hz

Fill = heavy

## Driver Properties

--Description--

Name: HM130C0

Type: Standard one-way driver

Company: Audax Industries

Comment: Reference series

Piston: Woven carbon fiber cone

Suspension: Rubber surround

Dust Cap: Polymer

Frame: Diecast

Voice Coil: 25 mm diameter. Copper on Kapton former. Vented.

Terminals: Gold plated

Magnet: Pole has protection grill, Weight- 0.345 kg

--Configuration--

**No. of Drivers = 1**

--Mechanical Parameters--

Fs = 46 Hz

Qms = 3.6

Vas = 18.1 liters

Cms = 1.78 mm/N

Mms = 6.9 g

Rms = 0.55 kg/s

Xmax = 3 mm

Xmech = 4.5 mm

P-Dia = 103.8 mm

Sd = 85 sq.cm

P-Vd = 0.0254 liters

--Electrical Parameters--

Qes = 0.34

Re = 6.2 ohms

Le = 0.39 mH

Z = 8 ohms

BL = 5.97 Tm

Pe = 50 watts

--Electromech. Parameters--

Qts = 0.31

no = 0.5 %

1-W SPL = 90 dB

2.83-V SPL = 90.24 dB



### Wiring Diagram

