



Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 0.247 cu.ft

V(total) = 0.259 cu.ft

Fb = 54.59 Hz

QL = 7

F3 = 69.84 Hz

Fill = minimal

--Vents--

No. of Vents = 2

Vent shape = round

Vent ends = two flush

Dv = 1.25 in

Lv = 7.618 in

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







