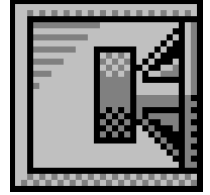


Custom Vented Box Design

By Mark, Walberswick Studios



Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 2 cu.ft

V(total) = 2.256 cu.ft

Fb = 26.11 Hz

QL = 6.995

F3 = 27.21 Hz

Fill = minimal

--Vents--

No. of Vents = 1

Vent shape = rectangle

Vent ends = one flush

Hv = 2 in

Wv = 6 in

Lv = 21.7 in

Driver Properties

--Description--

Name: L26ROY D1001-04-4

Type: Standard one-way driver

Company: SEAS

--Configuration--

No. of Drivers = 1

--Mechanical Parameters--

Fs = 22 Hz

Qms = 4.14

Vas = 87 liters

Cms = 0.5 mm/N

Mms = 107 g

Rms = 3.495 kg/s

Xmax = 28 mm

Xmech = 42 mm

P-Dia = 211.1 mm

Sd = 363 sq.cm

P-Vd = 0.98 liters

--Electrical Parameters--

Qes = 0.33

Re = 3.1 ohms

Le = 0.53 mH

Z = 4 ohms

BL = 11.79 Tm

Pe = 250 watts

--Electromech. Parameters--

Qts = 0.31

no = 0.271 %

1-W SPL = 86.47 dB

2.83-V SPL = 88 dB



Wiring Diagram

