



Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 1.673 cu.ft

V(total) = 2.229 cu.ft

Fb = 22.78 Hz

QL = 6.857

F3 = 24.1 Hz

Fill = minimal

--Vents--

No. of Vents = 1

Vent shape = rectangle

Vent ends = two flared

Hv = 2.5 in

Wv = 6 in

Lv = 45.89 in

Driver Properties

--Description--

Name: Kappa Perfect10.1

Type: Standard one-way driver

Company: Infinity Systems Inc.

Comment: Kappa Perfect series

Piston: Aluminum cone.

Suspension: High roll butyl rubber surround.

Frame: Diecase aluminum frame.

Voice Coil: 2 inch (50.8 mm) diameter.

--Configuration--

No. of Drivers = 1

--Mechanical Parameters--

Fs = 28.35 Hz

Qms = 8.83

Vas = 32.13 liters

Cms = 0.189 mm/N

Mms = 166.7 g

Rms = 3.364 kg/s

Xmax = 14.15 mm

Xmech = 21.23 mm

P-Dia = 209.9 mm

Sd = 346 sq.cm

P-Vd = 0.49 liters

--Electrical Parameters--

Qes = 0.44

Re = 4.11 ohms

Le = 2.96 mH

Z = 4 ohms

BL = 16.64 Tm

Pe = 350 watts

--Electromech. Parameters--

Qts = 0.42

no = 0.16 %

1-W SPL = 84.2 dB

2.83-V SPL = 94 dB



Wiring Diagram







