



Box Properties

--Description--

Name:
 Type: Vented Box
 Shape: Prism, square (optimum)

--Box Parameters--

Vb = 4.653 cu.ft
 V(total) = 5.791 cu.ft
 Fb = 18.6 Hz
 QL = 6.207
 F3 = 17.95 Hz
 Fill = minimal

--Vents--

No. of Vents = 1
 Vent shape = rectangle
 Vent ends = one flush
 Hv = 2.5 in
 Wv = 12.5 in
 Lv = 50.19 in

Driver Properties

--Description--

Name: Kappa Perfect 12 VQ mid inst
 Type: Standard one-way driver
 Company: Infinity Systems Inc.

--Configuration--

No. of Drivers = 1

--Mechanical Parameters--

Fs = 22.9 Hz
 Qms = 10.29
 Vas = 96.43 liters
 Cms = 0.323 mm/N
 Mms = 176.4 g
 Rms = 2.398 kg/s
 Xmax = 16.75 mm
 Xmech = 25.13 mm
 P-Dia = 250 mm
 Sd = 491 sq.cm
 P-Vd = 0.822 liters

--Electrical Parameters--

Qes = 0.5
 Re = 4.42 ohms
 Le = 1.14 mH
 Z = 4 ohms
 BL = 12.19 Tm
 Pe = 400 watts

--Electromech. Parameters--

Qts = 0.47
 no = 0.141 %
 1-W SPL = 83.65 dB
 2.83-V SPL = 89 dB





