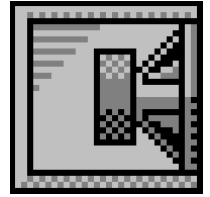


# Custom Closed Box Design

By John Cameron, None



## Box Properties

--Description--

Name:

Type: Closed Box

Shape: Prism, square

--Box Parameters--

Vb = 1 cu.ft

V(total) = 1.073 cu.ft

Qtc = 0.616

QL = 20

F3 = 53.3 Hz

Fill = none

## Driver Properties

--Description--

Name: DCON 12 D4

Type: Standard one-way driver

Company: Sound Solutions Audio Inc.

Comment: ICON series

Frame: Cast frame.

--Configuration--

**No. of Drivers = 1**

Dual voice coils = parallel

--Mechanical Parameters--

Fs = 30.9 Hz

Qms = 5.79

Vas = 37.4 liters

Cms = 0.114 mm/N

Mms = 259.6 g

Rms = 7.783 kg/s

Xmax = 23 mm

Xmech = 24 mm

P-Dia = 247.2 mm

Sd = 480 sq.cm

P-Vd = 0.768 liters

--Electrical Parameters--

Qes = 0.45

Re = 2 ohms

Le = 0.925 mH

Z = 2 ohms

BL = 14.97 Tm

--Electromech. Parameters--

Qts = 0.418

no = 0.236 %

1-W SPL = 85.88 dB

2.83-V SPL = 91.9 dB



### Wiring Diagram

