



## Box Properties

### --Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

### --Box Parameters--

Vb = 2.659 cu.ft

V(total) = 2.903 cu.ft

Fb = 29.5 Hz

QL = 6.642

F3 = 29.91 Hz

Fill = minimal

### --Vents--

No. of Vents = 2

Vent shape = round

Vent ends = one flared

Dv = 3 in

Lv = 14.06 in

## Driver Properties

### --Description--

Name: OA 12

Type: Standard one-way driver

Company: DLS Audio

### --Configuration--

**No. of Drivers = 1**

### --Mechanical Parameters--

Fs = 37.8 Hz

Qms = 3.47

Vas = 47.9 liters

Cms = 0.167 mm/N

Mms = 107.5 g

Rms = 7.36 kg/s

Xmax = 9 mm

Xmech = 13.5 mm

P-Dia = 240 mm

Sd = 452.3 sq.cm

P-Vd = 0.407 liters

### --Electrical Parameters--

Qes = 0.57

Re = 3.55 ohms

Le = 1.79 mH

Z = 4 ohms

BL = 12.53 Tm

Pe = 210 watts

### --Electromech. Parameters--

Qts = 0.49

no = 0.438 %

1-W SPL = 88.56 dB

2.83-V SPL = 88.4 dB



### Wiring Diagram







