



## Box Properties

### --Description--

Name:

Type: Vented Box

Shape: Prism, square

### --Box Parameters--

Vb = 2.5 cu.ft

V(total) = 2.734 cu.ft

Fb = 32 Hz

F3 = 16.59 Hz

Fill = none

### --Vents--

No. of Vents = 1

Vent shape = round

Vent ends = two flared

Dv = 4 in

Lv = 11.31 in

## Driver Properties

### --Description--

Name: SA 12 D2

Type: Standard one-way driver

Company: Sundown Audio

Comment: SA series

Piston: Paper cone.

Suspension: Foam surround. Nomex spider.

Voice Coil: 4-layer copper coil.

Magnet: Dual shorting rings.

### --Configuration--

**No. of Drivers = 1**

Dual voice coils = parallel

### --Mechanical Parameters--

Fs = 33.71 Hz

Qms = 5.34

Vas = 21.21 liters

Cms = 79.61  $\mu\text{m}/\text{N}$

Mms = 280 g

Xmax = 16 mm

Xmech = 32 mm

### --Electrical Parameters--

Qes = 0.58

Re = 1.143 ohms

Le = 0.85 mH

Z = 1 ohm

BL = 10.82 Tm

Pe = 600 watts

### --Electromech. Parameters--

Qts = 0.523

no = 0.135 %

1-W SPL = 83.45 dB

2.83-V SPL = 91.9 dB



### Wiring Diagram







