



## Box Properties

### --Description--

Name:

Type: Vented Box

Shape: Prism, square

### --Box Parameters--

Vb = 4.176 cu.ft

V(total) = 4.692 cu.ft

Fb = 22.53 Hz

QL = 6.311

F3 = 22.45 Hz

Fill = minimal

### --Vents--

No. of Vents = 1

Vent shape = rectangle

Vent ends = one flush

Hv = 2 in

Wv = 10 in

Lv = 23.07 in

## Driver Properties

### --Description--

Name: RSS390HE-22 15" 2.+ 2 ohm

Type: Standard one-way driver

Company: Dayton Audio

### --Configuration--

**No. of Drivers = 1**

### --Mechanical Parameters--

Fs = 29 Hz

Qms = 4.59

Vas = 2.5 cu.ft

Cms = 0.08 mm/N

Mms = 384 g

Rms = 14.95 kg/s

Xmax = 27 mm

Xmech = 40.5 mm

P-Dia = 317 mm

Sd = 804 sq.cm

P-Vd = 2.131 liters

### --Electrical Parameters--

Qes = 0.58

Re = 4.3 ohms

Le = 2.2 mH

Z = 5 ohms

BL = 22.9 Tm

Pe = 800 watts

### --Electromech. Parameters--

Qts = 0.51

no = 0.287 %

1-W SPL = 86.73 dB

2.83-V SPL = 89.42 dB



### Wiring Diagram







