



## Box Properties

### --Description--

Name:

Type: Closed Box

Shape: Prism, square

### --Box Parameters--

Vb = 3.654 cu.ft

V(total) = 4.003 cu.ft

Qtc = 0.707

QL = 14.77

F3 = 31.96 Hz

Fill = heavy

## Driver Properties

### --Description--

Name: Dayton UM 18-22

Type: Standard one-way driver

Company: Dayton Loudspeaker Co.

Voice Coil: DVC

### --Configuration--

**No. of Drivers = 1**

### --Mechanical Parameters--

Fs = 19.5 Hz

Qms = 3.82

Vas = 212 liters

Cms = 0.1 mm/N

Mms = 655 g

Rms = 21.37 kg/s

Xmax = 22 mm

Xmech = 33 mm

P-Dia = 394.4 mm

Sd = 1219 sq.cm

P-Vd = 2.682 liters

### --Electrical Parameters--

Qes = 0.62

Re = 4.4 ohms

Le = 2.22 mH

Z = 5 ohms

BL = 23.8 Tm

Pe = 1000 watts

### --Electromech. Parameters--

Qts = 0.53

no = 0.244 %

1-W SPL = 86.03 dB

2.83-V SPL = 88.6 dB



### Wiring Diagram







