



Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 7.672 cu.ft

V(total) = 8.918 cu.ft

Fb = 19.05 Hz

QL = 5.549

F3 = 22.48 Hz

Fill = minimal

--Vents--

No. of Vents = 1

Vent shape = rectangle

Vent ends = one flush

Hv = 3 in

Wv = 14 in

Lv = 37.29 in

Driver Properties

--Description--

Name: Dayton Audio RSS460HO-4 18"

Type: Standard one-way driver

Company: Dayton Audio

--Configuration--

No. of Drivers = 1

--Mechanical Parameters--

Fs = 19.6 Hz

Qms = 3.9

Vas = 297.9 liters

Cms = 0.26 mm/N

Mms = 425.9 g

Rms = 8.008 kg/s

Xmax = 12.75 mm

Xmech = 19.13 mm

P-Dia = 338.2 mm

Sd = 1164 sq.cm

P-Vd = 1.145 liters

--Electrical Parameters--

Qes = 0.43

Re = 3.41 ohms

Le = 2.1 mH

Z = 4 ohms

BL = 20.4 Tm

Pe = 900 watts

--Electromech. Parameters--

Qts = 0.39

no = 0.503 %

1-W SPL = 89.2 dB

2.83-V SPL = 92.87 dB



Wiring Diagram







