



Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 3.951 cu.ft

V(total) = 5.018 cu.ft

Fb = 19.09 Hz

QL = 6.36

F3 = 20.17 Hz

Fill = minimal

--Vents--

No. of Vents = 1

Vent shape = rectangle

Vent ends = one flush

Hv = 2 in

Wv = 14 in

Lv = 50.85 in

Driver Properties

--Description--

Name: TIT320C-4

Type: Standard one-way driver

Company: Dayton Loudspeaker Co.

--Configuration--

No. of Drivers = 1

--Mechanical Parameters--

Fs = 24.9 Hz

Qms = 7.03

Vas = 64.3 liters

Cms = 0.18 mm/N

Mms = 225.6 g

Rms = 5.051 kg/s

Xmax = 18.7 mm

Xmech = 28.05 mm

P-Dia = 252.7 mm

Sd = 502.7 sq.cm

P-Vd = 0.938 liters

--Electrical Parameters--

Qes = 0.49

Re = 3.1 ohms

Le = 2.79 mH

Z = 4 ohms

BL = 15.45 Tm

Pe = 500 watts

--Electromech. Parameters--

Qts = 0.45

no = 0.195 %

1-W SPL = 86 dB

2.83-V SPL = 89.17 dB



Wiring Diagram







