



Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 5.472 cu.ft

V(total) = 5.771 cu.ft

Fb = 23.01 Hz

QL = 6.029

F3 = 30.35 Hz

Fill = minimal

--Vents--

No. of Vents = 1

Vent shape = round

Vent ends = two flared

Dv = 4 in

Lv = 9.154 in

Driver Properties

--Description--

Name: DC 380-8

Type: Standard one-way driver

Company: Dayton Loudspeaker Co.

--Configuration--

No. of Drivers = 1

--Mechanical Parameters--

Fs = 21.5 Hz

Qms = 3.52

Vas = 305.8 liters

Cms = 0.31 mm/N

Mms = 176.8 g

Rms = 6.784 kg/s

Xmax = 4.35 mm

Xmech = 6.525 mm

P-Dia = 325.8 mm

Sd = 834.7 sq.cm

P-Vd = 0.363 liters

--Electrical Parameters--

Qes = 0.39

Re = 6.5 ohms

Le = 3.34 mH

Z = 8 ohms

BL = 19.96 Tm

Pe = 100 watts

--Electromech. Parameters--

Qts = 0.35

no = 0.751 %

1-W SPL = 92.8 dB

2.83-V SPL = 91.81 dB



Wiring Diagram







