



Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 0.777 cu.ft

V(total) = 0.805 cu.ft

Fb = 40.62 Hz

QL = 7

F3 = 40.16 Hz

Fill = minimal

--Vents--

No. of Vents = 1

Vent shape = round

Vent ends = two flared

Dv = 2 in

Lv = 5.866 in

Driver Properties

--Description--

Name: RS 150S-8

Type: Standard one-way driver

Company: Dayton Loudspeaker Co.

--Configuration--

No. of Drivers = 1

--Mechanical Parameters--

Fs = 53.8 Hz

Qms = 2.52

Vas = 12 liters

Cms = 1.18 mm/N

Mms = 7.38 g

Rms = 0.995 kg/s

Xmax = 4 mm

Xmech = 6 mm

P-Dia = 103.8 mm

Sd = 84.9 sq.cm

P-Vd = 34 liters

--Electrical Parameters--

Qes = 0.56

Re = 6 ohms

Le = 0.76 mH

Z = 8 ohms

BL = 5.18 Tm

Pe = 40 watts

--Electromech. Parameters--

Qts = 0.46

no = 0.322 %

1-W SPL = 88 dB

2.83-V SPL = 88.47 dB



Wiring Diagram







