



Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 4.466 cu.ft

V(total) = 4.466 cu.ft

Fb = 16.29 Hz

QL = 6.248

F3 = 18.57 Hz

Fill = minimal

--Vents--

No. of Vents = 1

Vent shape = rectangle

Vent ends = two flush

Hv = 3 in

Wv = 10 in

Lv = 65.6 in

Driver Properties

--Description--

Name: RSS390HF-4 15"

Type: Standard one-way driver

Company: Dayton Loudspeaker Co.

--Configuration--

No. of Drivers = 2

Mounting = Compound (isobaric)

Wiring = Parallel

Drivers sum coherently = Yes

--Mechanical Parameters--

Fs = 18 Hz

Qms = 3.1

Vas = 270.3 liters [135.2]

Cms = 0.168 mm/N [0.0838]

Mms = 466.2 g [932.4]

Rms = 17.01 kg/s [34.02]

Xmax = 14 mm

Xmech = 21 mm

P-Dia = 368.3 mm [368.3]

Sd = 1065 sq.cm [1065]

P-Vd = 1.491 liters [1.491]

--Electrical Parameters--

Qes = 0.49

Re = 3.3 ohms [1.65]

Le = 1 mH [0.5]

Z = 4 ohms [2]

BL = 18.84 Tm

Pe = 500 watts [1000]

--Electromech. Parameters--

Qts = 0.42

no = 0.31 % [0.155]

1-W SPL = 87.06 dB [84.05]

2.83-V SPL = 90 dB [90]



Wiring Diagram







