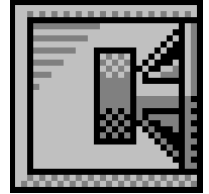


DC130BS-4

By Kiyoshi, Baysidenet



Box Properties

--Description--

Name: BassRefrex-1

Type: Vented Box

Shape: Prism, square (optimum)

Company: Dayton Loudspeaker Co.

--Box Parameters--

Vb = 7.66 liters

V(total) = 8.257 liters

Fb = 50.63 Hz

QL = 7

F3 = 60.7 Hz

Fill = minimal

--Vents--

No. of Vents = 1

Vent shape = round

Vent ends = one flush

Dv = 35 mm

Lv = 118.1 mm

Driver Properties

--Description--

Name: 295-302 DC130BS-4

Type: Standard one-way driver

Company: Dayton Loudspeaker Co.

Piston: Treated paper cone.

Dust Cap: Porous dust cap.

Voice Coil: 1 inch voice coil. Aluminum former.

Magnet: Vented.

Magnetic shielding

--Configuration--

No. of Drivers = 1

--Mechanical Parameters--

Fs = 49.17 Hz

Qms = 1.94

Vas = 12.54 liters

Cms = 1.11 mm/N

Mms = 9.43 g

Rms = 1.503 kg/s

Xmax = 2.5 mm

Xmech = 3.75 mm

P-Dia = 107 mm

Sd = 89.19 sq.cm

P-Vd = 0.0223 liters

--Electrical Parameters--

Qes = 0.46

Re = 3.3 ohms

Le = 0.19 mH

Z = 4 ohms

BL = 4.58 Tm

Pe = 30 watts

--Electromech. Parameters--

Qts = 0.37

no = 0.312 %

1-W SPL = 87.1 dB

2.83-V SPL = 92 dB



Wiring Diagram

