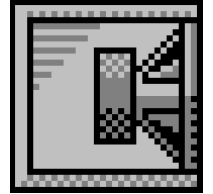


DC130BS-8

By Kiyoshi, Baysidenet



Box Properties

--Description--

Name: BassRefrex-1

Type: Vented Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 13.3 liters

V(total) = 13.86 liters

Fb = 46.5 Hz

QL = 7

F3 = 51.17 Hz

Fill = minimal

--Vents--

No. of Vents = 1

Vent shape = round

Vent ends = one flush

Dv = 40 mm

Lv = 96.57 mm

Driver Properties

--Description--

Name: 295-301 (measured)

Type: Standard one-way driver

Company: Dayton Loudspeaker Co.

Piston: Non-pressed treated paper cone.

Suspension: Rubber surround.

Dust Cap: Coated cloth dust cap.

Frame: Stamped steel frame.

Voice Coil: 1 inch ASV voice coil.

Terminals: Push on terminals.

Magnet: 9.5 oz magnet.

Magnetic shielding

--Configuration--

No. of Drivers = 1

--Mechanical Parameters--

Fs = 50.8 Hz

Qms = 1.94

Vas = 14.21 liters

Cms = 1.26 mm/N

Mms = 7.8 g

Rms = 1.282 kg/s

Xmax = 2.5 mm

Xmech = 3.75 mm

P-Dia = 107 mm

Sd = 89.11 sq.cm

P-Vd = 0.0223 liters

--Electrical Parameters--

Qes = 0.53

Re = 5.9 ohms

Le = 0.32 mH

Z = 8 ohms

BL = 5.26 Tm

Pe = 30 watts

--Electromech. Parameters--

Qts = 0.42

no = 0.339 %

1-W SPL = 88.73 dB



Wiring Diagram

