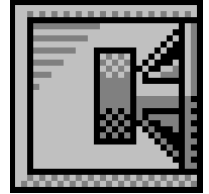


DC160S-8

By Kiyoshi, Baysidenet



Box Properties

--Description--

Name: BassRefrex-1

Type: Vented Box

Shape: Prism, square (optimum)

Company: Dayton Loudspeaker Co.

--Box Parameters--

Vb = 6.795 liters

V(total) = 7.699 liters

Fb = 41.56 Hz

QL = 7

F3 = 57.68 Hz

Fill = minimal

--Vents--

No. of Vents = 1

Vent shape = round

Vent ends = one flush

Dv = 25 mm

Lv = 105.7 mm

Driver Properties

--Description--

Name: 295-306 (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: 1.375 inch ASV voice coil.

Terminals: Push on terminals.

Magnet: 15 oz magnet. Vented pole piece.

Magnetic shielding

--Configuration--

No. of Drivers = 1

--Mechanical Parameters--

Fs = 32.55 Hz

Qms = 3.43

Vas = 23.53 liters

Cms = 0.9 mm/N

Mms = 26.57 g

Rms = 1.584 kg/s

Xmax = 3.15 mm

Xmech = 4.725 mm

P-Dia = 132 mm

Sd = 135.7 sq.cm

P-Vd = 0.0427 liters

--Electrical Parameters--

Qes = 0.32

Re = 7 ohms

Le = 0.98 mH

Z = 8 ohms

BL = 10.97 Tm

Pe = 50 watts

--Electromech. Parameters--

Qts = 0.29

no = 0.244 %

1-W SPL = 86.63 dB

2.83-V SPL = 86.61 dB



Wiring Diagram

