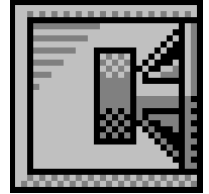


RS150S-8

By Kiyoshi, Baysidenet



Box Properties

--Description--

Name: BassRefrex-1

Type: Vented Box

Shape: Prism, square (optimum)

Company: Dayton Loudspeaker Co.

--Box Parameters--

Vb = 9.342 liters

V(total) = 10.04 liters

Fb = 49.44 Hz

QL = 7

F3 = 67.22 Hz

Fill = minimal

--Vents--

No. of Vents = 1

Vent shape = round

Vent ends = one flush

Dv = 40 mm

Lv = 132 mm

Driver Properties

--Description--

Name: 295-362 RS150S-8

Type: Standard one-way driver

Company: Dayton Loudspeaker Co.

Comment: Reference series

Piston: Black anodized aluminum cone.

Suspension: Rubber surround.

Dust Cap: Solid black aluminum phase plug.

Frame: Heavy 6-pole cast frame.

Voice Coil: 1 inch voice coil.

Magnetic shielding

--Configuration--

No. of Drivers = 1

--Mechanical Parameters--

Fs = 49.16 Hz

Qms = 2

Vas = 13.98 liters

Cms = 1.5 mm/N

Mms = 6.99 g

Rms = 1.079 kg/s

Xmax = 4 mm

Xmech = 6 mm

P-Dia = 102 mm

Sd = 81.01 sq.cm

P-Vd = 0.0324 liters

--Electrical Parameters--

Qes = 0.47

Re = 6.1 ohms

Le = 0.21 mH

Z = 8 ohms

BL = 5.28 Tm

Pe = 40 watts

--Electromech. Parameters--

Qts = 0.38

no = 0.341 %

1-W SPL = 87.47 dB

2.83-V SPL = 88 dB



Wiring Diagram

