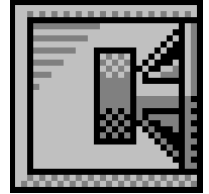


RS125S-8

By Kiyoshi, Baysidenet



Box Properties

--Description--

Name: BassRefrex-1

Type: Vented Box

Shape: Prism, square

Company: Dayton Loudspeaker Co.

--Box Parameters--

Vb = 3.633 liters

V(total) = 4.06 liters

Fb = 62.48 Hz

QL = 7

F3 = 67.74 Hz

Fill = minimal

--Vents--

No. of Vents = 1

Vent shape = round

Vent ends = one flush

Dv = 30 mm

Lv = 125.7 mm

Driver Properties

--Description--

Name: 295-360 RS125S-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 = 72.19 Hz

Qms = 2.39

Vas = 3.32 liters

Cms = 0.94 mm/N

Mms = 5.17 g

Rms = 0.981 kg/s

Xmax = 2.8 mm

Xmech = 4.2 mm

P-Dia = 80 mm

Sd = 49.87 sq.cm

P-Vd = 0.014 liters

--Electrical Parameters--

Qes = 0.54

Re = 6.2 ohms

Le = 0.23 mH

Z = 8 ohms

BL = 5.2 Tm

Pe = 30 watts

--Electromech. Parameters--

Qts = 0.44

no = 0.223 %

1-W SPL = 85.63 dB

2.83-V SPL = 87 dB



Wiring Diagram

