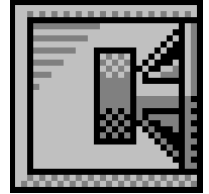


RS225S-8

By Kiyoshi, Baysidenet



Box Properties

--Description--

Name: Sealded-1

Type: Closed Box

Shape: Prism, square (optimum)

Company: Dayton Loudspeaker Co.

--Box Parameters--

Vb = 15.95 liters

V(total) = 17.34 liters

Qtc = 0.707

QL = 20

F3 = 59.49 Hz

Fill = heavy

Driver Properties

--Description--

Name: 295-366 RS225S-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: 1.5 inch voice coil.

Magnetic shielding

--Configuration--

No. of Drivers = 1

--Mechanical Parameters--

Fs = 26.35 Hz

Qms = 1.55

Vas = 78.64 liters

Cms = 1.33 mm/N

Mms = 27.52 g

Rms = 2.93 kg/s

Xmax = 7 mm

Xmech = 10.5 mm

P-Dia = 162 mm

Sd = 204 sq.cm

P-Vd = 0.143 liters

--Electrical Parameters--

Qes = 0.5

Re = 6.4 ohms

Le = 0.26 mH

Z = 8 ohms

BL = 7.6 Tm

Pe = 80 watts

--Electromech. Parameters--

Qts = 0.38

no = 0.277 %

1-W SPL = 86.58 dB

2.83-V SPL = 88 dB



Wiring Diagram

