

Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 1.5 cu.ft

V(total) = 1.571 cu.ft

Fb = 39.42 Hz

QL = 7

F3 = 44.23 Hz

Fill = minimal

--Vents--

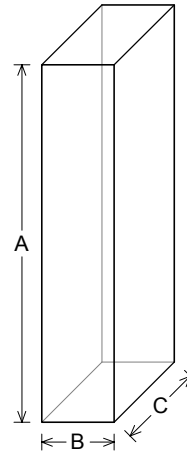
No. of Vents = 1

Vent shape = round

Vent ends = two flared

Dv = 3 in

Lv = 6.5 in



--External Dimensions--

A = 39.47 in

B = 8 in

C = 12.5 in

--Internal Dimensions--

A = 37.97 in

B = 6.5 in

C = 11 in

--Wall Thickness--

Front = 0.75 in

Side = 0.75 in

Driver Properties

--Description--

Name: W18NX001

Type: Standard one-way driver

Company: Seas Fabrikker A.S.

--Configuration--

No. of Drivers = 2

Mounting = Standard

Wiring = Parallel

Drivers sum coherently = Yes

--Mechanical Parameters--

Fs = 40 Hz

Qms = 2.08

Vas = 24 liters [48]

Cms = 1.2 mm/N [0.6]

Mms = 13.7 g [27.4]

Rms = 1.594 kg/s [3.188]

Xmax = 7 mm

Xmech = 11 mm

P-Dia = 122.9 mm [173.8]

Sd = 126 sq.cm [252]

P-Vd = 0.0831 liters [0.166]

--Electrical Parameters--

Qes = 0.41

Re = 6.3 ohms [3.15]

Le = 0.43 mH [0.215]

Z = 8 ohms [4]

BL = 7.27 Tm [7.274]

Pe = 80 watts [160]

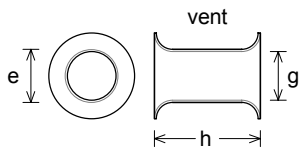
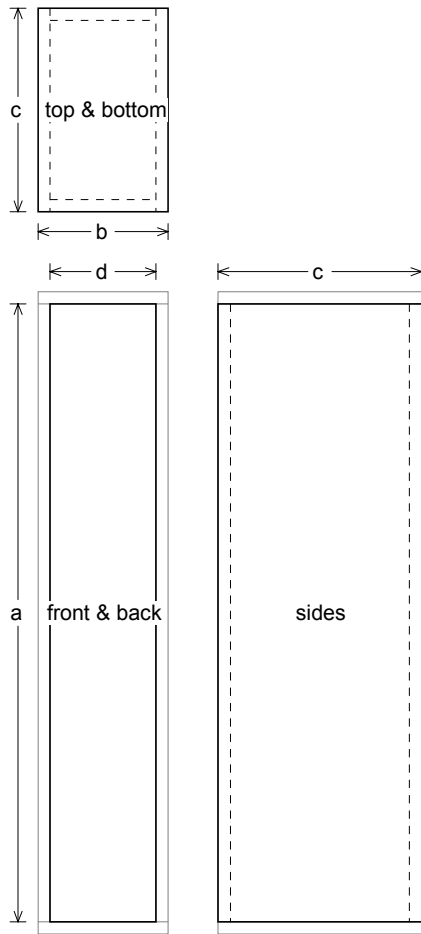
--Electromech. Parameters--

Qts = 0.34

no = 0.361 % [0.722]

1-W SPL = 87.5 dB [90.51]

2.83-V SPL = 87.5 dB [93.52]



Box Parts

Box Shape: Square Prism

1 Top, 1 Bottom: depth (c) = 12.5 in

width (b) = 8, thickness = 0.75 in

1 Front, 1 Back: height (a) = 37.97 in

width (d) = 6.5, thickness = 0.75 in

2 Sides: height (a) = 37.97 in

depth (c) = 12.5, thickness = 0.75 in

--Driver Mounting--

Mounting: Flush

Aim: All drivers face same direction

--Vent Parts--

1 Duct: outside diameter (e) = 3.25 in

inside diameter (g) = 3 in

length (h) = 6.5 in



Wiring Diagram

