

Custom Vented Box Design

Box Properties

--Description--

Name: SEAS SPHERE MAY 31

Type: Vented Box

Shape: Sphere

Company: ORB AKUSTIK

Serial No: SEAS SPHERE 7.234"

--Box Parameters--

Vb = 2.515 liters

V(total) = 2.84 liters

Fb = 72.65 Hz

F3 = 68.54 Hz

Fill = normal

--Vents--

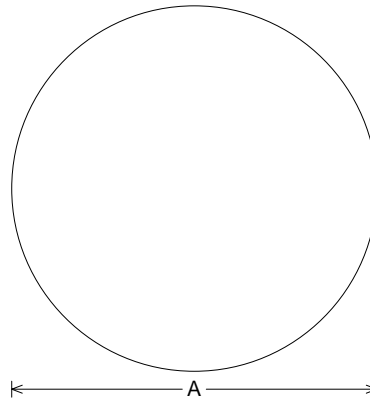
No. of Vents = 1

Vent shape = round

Vent ends = two flared

Dv = 0.807 in

Lv = 3.139 in



--External Dimensions--

A = 7.232 in

--Internal Dimensions--

A = 6.917 in

--Wall Thickness--

Wall = 0.157 in

Driver Properties

--Description--

Name: L12 - LF

Type: Two-way coincident driver

Company: SEAS

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 55 Hz

Qms = 2.99

Vas = 3 liters

Xmax = 6 mm

Sd = 47 sq.cm

Qes = 0.33

Re = 3.1 ohms

Le = 0.48 mH

Z = 4 ohms

Pe = 80 watts

Box Parts

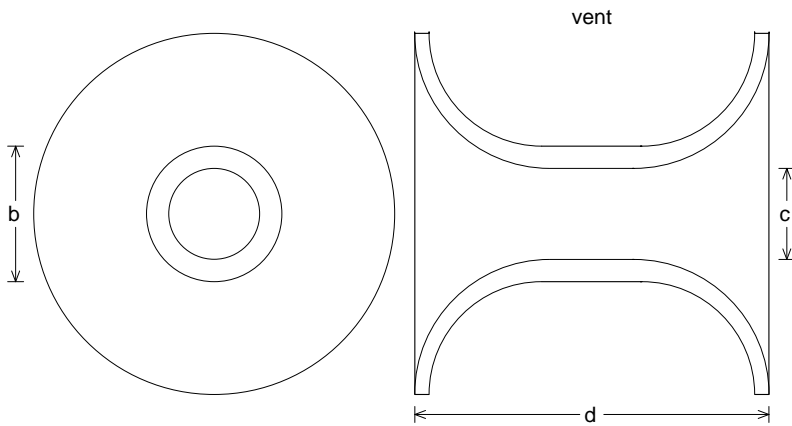
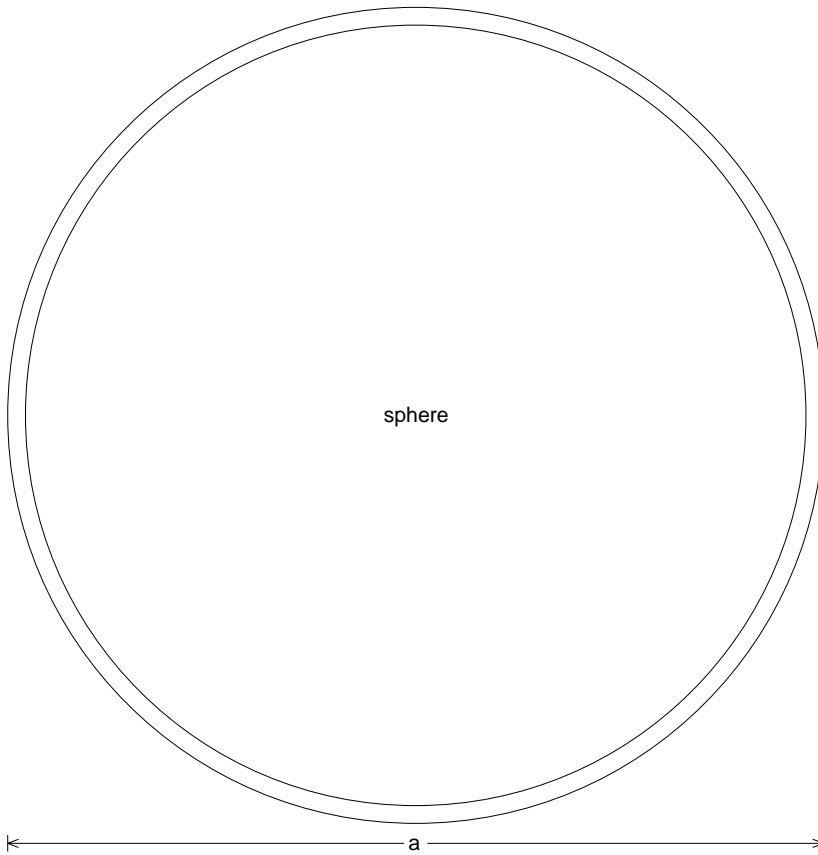
Box Shape: Sphere

1 Sphere: diameter (a) = 7.232 in
thickness = 0.157 in

--Driver Mounting--
Mounting: Flush

--Vent Parts--

1 Duct: outside diameter (b) = 1.201 in
inside diameter (c) = 0.807 in
length (d) = 3.139 in



Wiring Diagram

