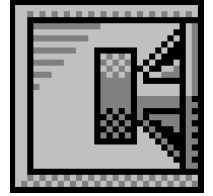


Custom Vented Box Design

By karsten, cad



Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 152, liters

V(total) = 163,1 liters

Fb = 48, Hz

F3 = 48,25 Hz

Fill = minimal

--Vents--

No. of Vents = 1

Vent shape = rectangle

Vent ends = one flush

Hv = 184,3 mm

Wv = 184,3 mm

Lv = 94,88 mm

Driver Properties

--Description--

Name: CW 454

Type: Standard one-way driver

Company: Ciare

Comment: Car series

Piston: Doped paper cone.

Suspension: Doped nomex fabric surround.

Voice Coil: 75 mm diameter.

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 39, Hz

Qms = 12,63

Vas = 230, liters

Xmax = 4, mm

Qes = 0,33

Re = 3,4 ohms

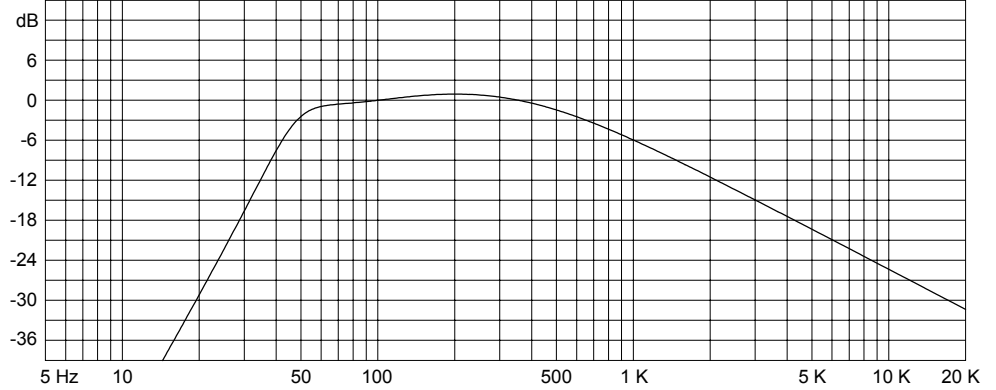
Le = 1, mH

Z = 4, ohms

Pe = 400, watts

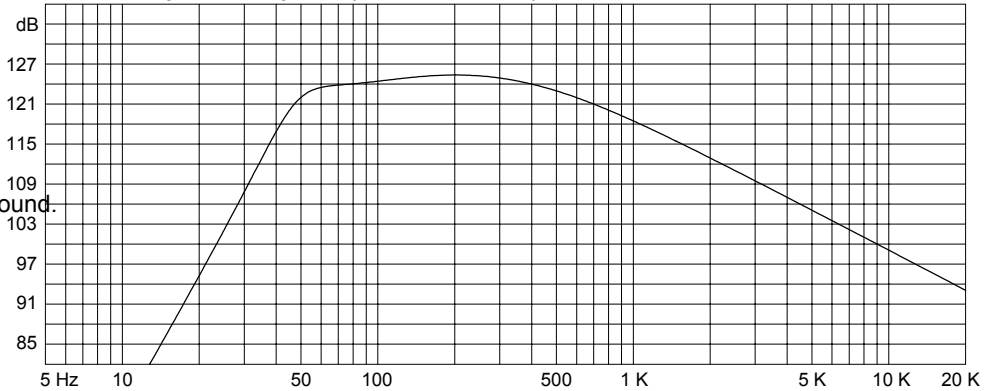
Normalized Amplitude Response (dB-SPL/Hz)

BassBox 6 Pro



Custom Amplitude Response (dB-SPL/Hz at 1 m) with 350, watts

BassBox 6 Pro



Maximum Acoustic Power (dB-SPL/Hz at 1 m)

BassBox 6 Pro

