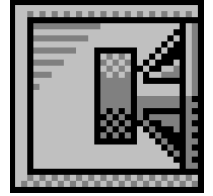


Custom Vented Box Design

By karsten, cad



Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 152, liters

V(total) = 166,4 liters

Fb = 48, Hz

F3 = 47,75 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: BX18-4085

Type: Standard one-way driver

Company: Celestion International Ltd.

Voice Coil: 3 in, copper on Kapton form.

Magnet: 126 oz

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 30, Hz

Qms = 6,635

Vas = 337,8 liters

Xmax = 3,25 mm

Sd = 1130 sq.cm

Qes = 0,206

Re = 5,84 ohms

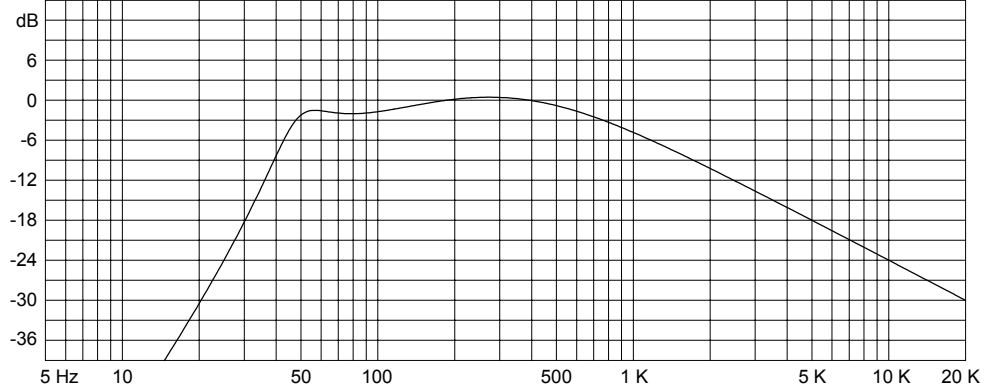
Le = 1,47 mH

Z = 8, ohms

Pe = 600, watts

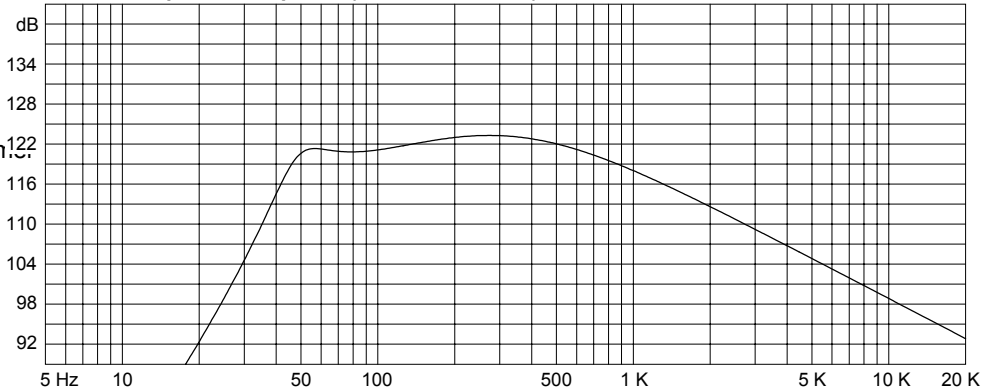
Normalized Amplitude Response (dB-SPL/Hz)

BassBox 6 Pro



Custom Amplitude Response (dB-SPL/Hz at 1 m) with 200, watts

BassBox 6 Pro



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

BassBox 6 Pro

