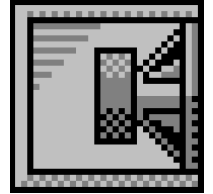


Custom Vented Box Design

By karsten, cad



Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 152, liters

V(total) = 169,8 liters

Fb = 42, Hz

F3 = 40,46 Hz

Fill = minimal

--Vents--

No. of Vents = 1

Vent shape = rectangle

Vent ends = one flush

Hv = 184,3 mm

Wv = 184,3 mm

Lv = 187,7 mm

Driver Properties

--Description--

Name: BX18-4080

Type: Standard one-way driver

Company: Celestion International Ltd.

Comment: BX series

Frame: Cast aluminum chassis.

Voice Coil: 4 inch edgewound ribbon coil.

Magnet: 110 oz magnet.

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 32, Hz

Qms = 4,414

Vas = 241,7 liters

Xmax = 3, mm

Sd = 1130 sq.cm

Qes = 0,331

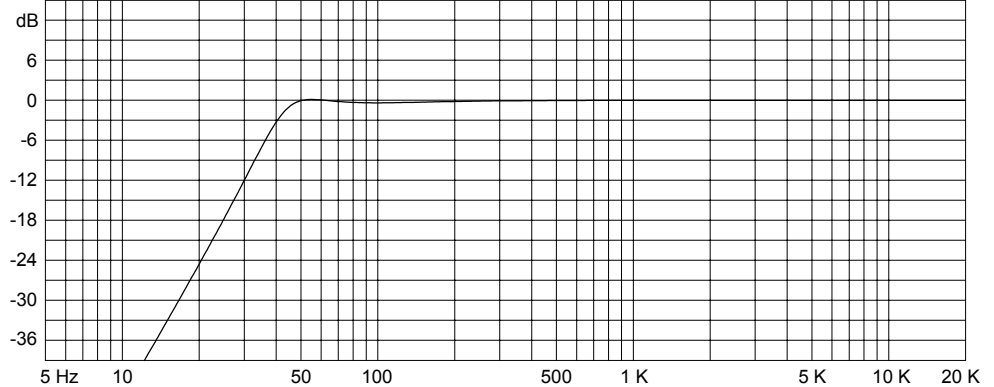
Re = 6,1 ohms

Z = 8, ohms

Pe = 600, watts

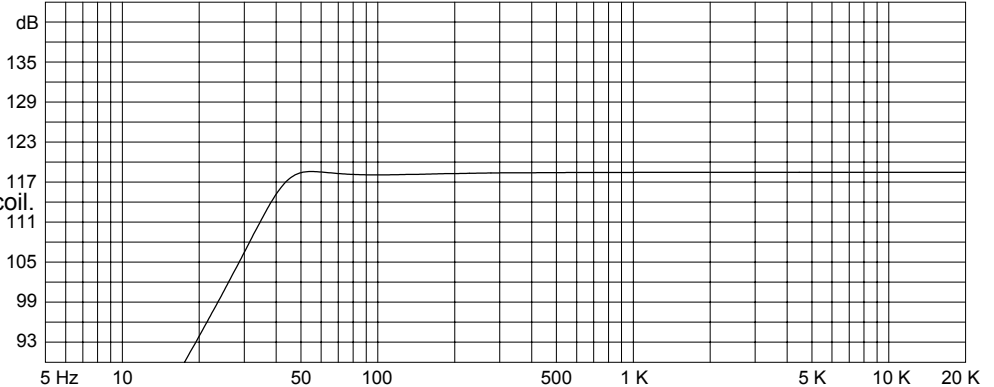
Normalized Amplitude Response (dB-SPL/Hz)

BassBox 6 Pro



Custom Amplitude Response (dB-SPL/Hz at 1 m) with 150, watts

BassBox 6 Pro



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

BassBox 6 Pro

