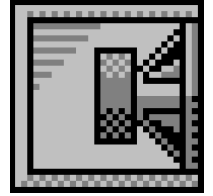


# Custom Vented Box Design

By karsten, cad



## Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 152, liters

V(total) = 156,4 liters

Fb = 46, Hz

F3 = 42,52 Hz

Fill = minimal

--Vents--

No. of Vents = 1

Vent shape = rectangle

Vent ends = one flush

Hv = 184,3 mm

Wv = 184,3 mm

Lv = 121,8 mm

## Driver Properties

--Description--

Name: 18 TBX 100

Type: Standard one-way driver

Company: B&C Speakers

Suspension: Double silicone spider.

Frame: Diecast aluminum chassis.

Voice Coil: 100 mm (4 inch) copper coil. Fiberglass former.

Magnet: Vented.

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 34, Hz

Qms = 7,2

Vas = 212, liters

Xmax = 9, mm

Sd = 1210 sq.cm

Qes = 0,37

Re = 5,1 ohms

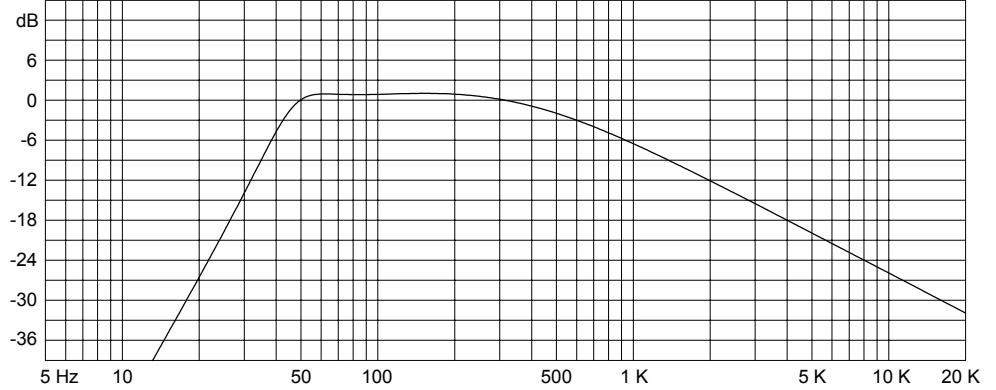
Le = 1,6 mH

Z = 8, ohms

Pe = 1000 watts

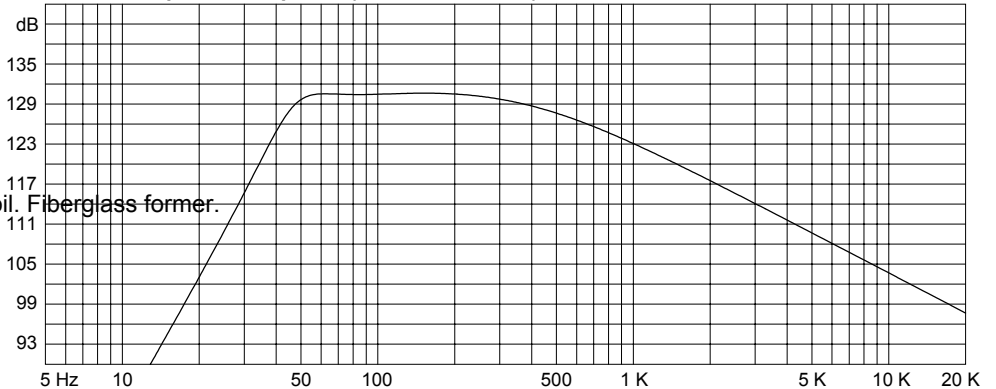
Normalized Amplitude Response (dB-SPL/Hz)

BassBox 6 Pro



Custom Amplitude Response (dB-SPL/Hz at 1 m) with 1500 watts

BassBox 6 Pro



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

BassBox 6 Pro

