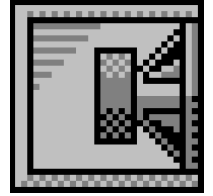


Custom Vented Box Design

By karsten, cad



Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 152, liters

V(total) = 166,2 liters

Fb = 46, Hz

F3 = 50,44 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: K18J-300

Type: Standard one-way driver

Company: Celestion International Ltd.

Voice Coil: 3 in, copper on Kapton form

Magnet: 86 oz

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 30, Hz

Qms = 5,641

Vas = 471,5 liters

Xmax = 3,25 mm

Sd = 1130 sq.cm

Qes = 0,275

Re = 5,76 ohms

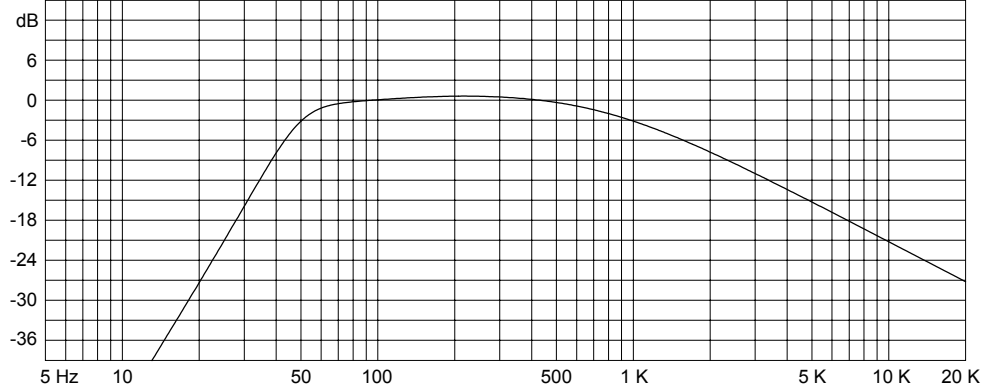
Le = 1,05 mH

Z = 8, ohms

Pe = 300, watts

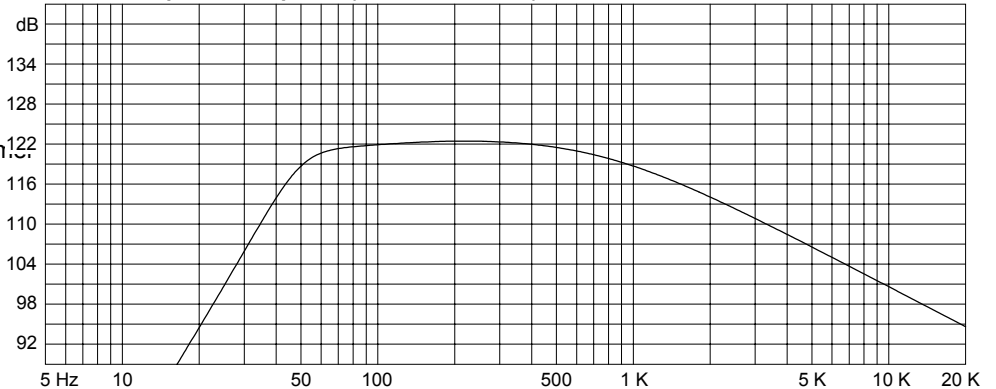
Normalized Amplitude Response (dB-SPL/Hz)

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

