

TOP loudspeaker box for andras99

By Ptesza

Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 25, liters

V(total) = 26,55 liters

Fb = 90, Hz

QL = 6,914

F3 = 82,89 Hz

Fill = normal

--Vents--

No. of Vents = 2

Vent shape = round

Vent ends = two flush

Dv = 78,78 mm

Lv = 36, mm

Driver Properties

--Description--

Name: MD-1090

Type: Standard one-way driver

Company: Fs-Audio

Piston: Paper

--Configuration--

No. of Drivers = 1

--Mechanical Parameters--

Fs = 69, Hz

Qms = 10,53

Vas = 32,4 liters

Cms = 0,191 mm/N

Mms = 27,86 g

Rms = 1,147 kg/s

Xmax = 5,5 mm

Xmech = 8,25 mm

P-Dia = 209,8 mm

Sd = 346, sq.cm

P-Vd = 0,19 liters

--Electrical Parameters--

Qes = 0,41

Re = 5,5 ohms

Le = 1,3 mH

Z = 6,6 ohms

BL = 12,83 Tm

Pe = 150, watts

--Electromech. Parameters--

Qts = 0,39

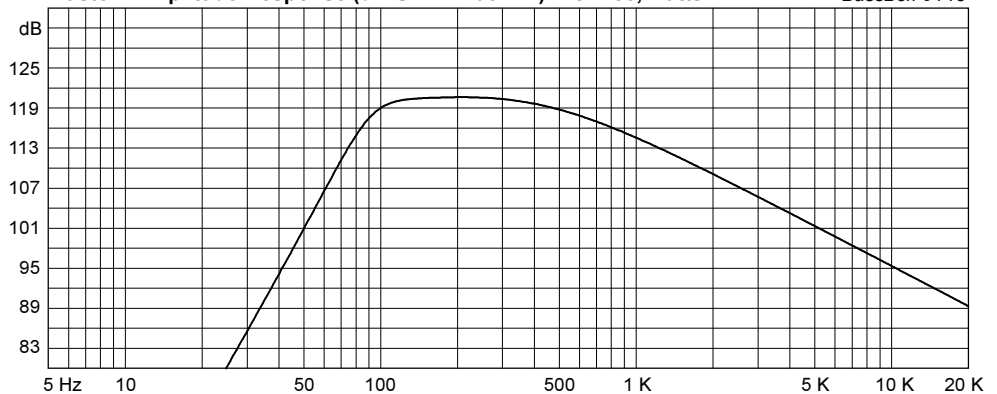
no = 2,503 %

1-W SPL = 96,13 dB

2.83-V SPL = 97,76 dB

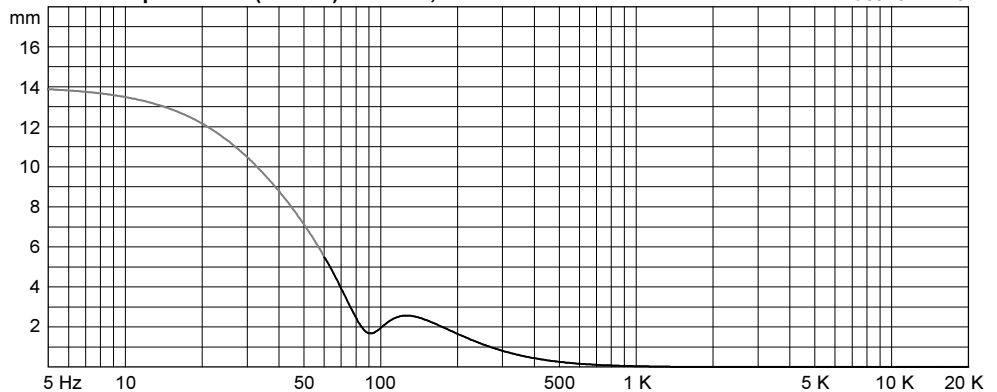
Custom Amplitude Response (dB-SPL/Hz at 1 m) with 150, watts

BassBox 6 Pro



Cone Displacement (mm/Hz) with 150, watts

BassBox 6 Pro



Vent Air Velocity (m/sec/Hz) with 150, watts

BassBox 6 Pro

