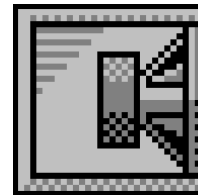


w4-1052sA Vented Box Design

By ,



Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 8.39 liters

V(total) = 8.817 liters

Fb = 54.96 Hz

QL = 7

F3 = 58.36 Hz

Fill = minimal

--Vents--

No. of Vents = 1

Vent shape = round

Vent ends = one flush

Dv = 38 mm

Lv = 101.8 mm

Driver Properties

--Description--

Name:

Type: Standard one-way driver

--Configuration--

No. of Drivers = 1

--Mechanical Parameters--

Fs = 63 Hz

Qms = 4.46

Vas = 7.58 liters

Cms = 1.643 mm/N

Mms = 3.885 g

Rms = 0.345 kg/s

Xmax = 3.4 mm

Xmech = 5.1 mm

P-Dia = 85.19 mm

Sd = 57 sq.cm

P-Vd = 0.0194 liters

--Electrical Parameters--

Qes = 0.49

Re = 3.8 ohms

Le = 0.04 mH

Z = 4 ohms

BL = 3.453 Tm

Pe = 20 watts

--Electromech. Parameters--

Qts = 0.441

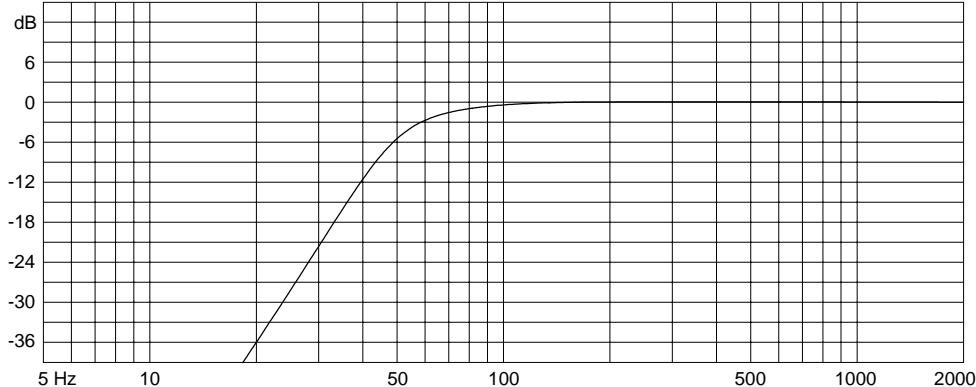
no = 0.373 %

1-W SPL = 87.86 dB

2.83-V SPL = 91.1 dB

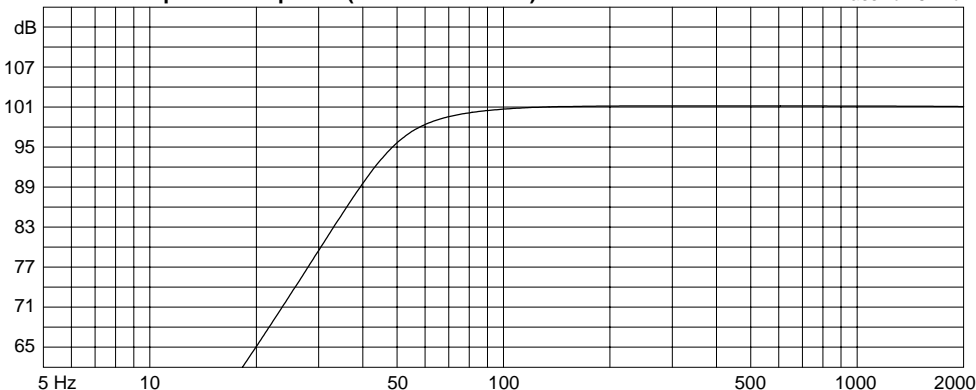
Normalized Amplitude Response (dB-SPL/Hz)

BassBox 6 Pro



Custom Amplitude Response (dB-SPL/Hz at 1 m) with 20 watts

BassBox 6 Pro



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

BassBox 6 Pro

