

Mid120_vHE

High End cone Midrange.



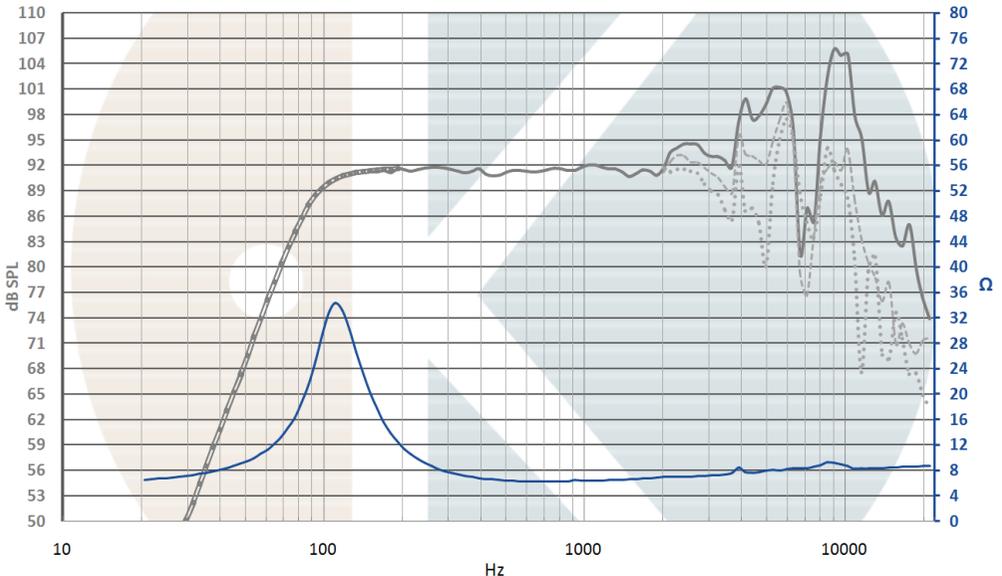
Mid120_vHE is a cone midrange driver dedicated to 3 ways High End systems.

It has been designed to provide high efficiency (91.5dB/2.8V/1m) with only 120mm diameter and 39mm deep.

The useful bandwidth is 180Hz to 3000Hz, and we recommend damped sealed enclosure (1L to 1.5L).

The motor structure uses dual NdFeB magnets, cooper ring for inductance linearization and ribbon wire coil.

The membrane is made of hexaKone + CGF to optimize rigidity/mass ratio and provide linear response on dedicated frequency band.



On IEC baffle / Distance: 1m / Signal input: 2,83V / Dash curves: 30° & 60°
 Impedance measured in free air / Smoothing: 1/12 Octave
 Curve below 180Hz is simulated in 1.25L Sealed enclosure, Fc = 195Hz, Qtc = 0.75

Mid120_vHE

Our products can be adapted to your technical requirements and brand spirit.

www.Kartesian-acoustic.com Rue Jean Sapidus, 67400 Illkirch, France



All rights reserved. Passing on and copying of this document, use and communication of its contents not permitted without written authorization from .Kartesian Company

Advanced construction

Membrane

hexaKone with nickel treatment
Concave CGF dust cap

Suspension

Damped and reversed silk surround
dynamik spider

Voice coil:

Ø33mm, CCA ribbon Wire
Aluminum former

Motor structure:

Dual high grade NdFeB magnets
Demodulated by Cooper ring
Optimized and vented pole pieces

Frame

Injected aluminum
Vented spider

T&S

Fs 104Hz
SPL 91.5dB/2.8V/1m
Re 5.6Ω

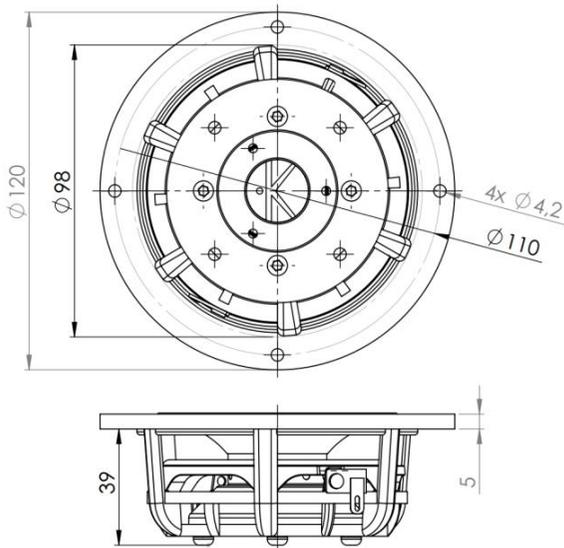
Qms 2.3
Qts 0.408
Bl 5.12N/A

VAS 2.77L
Mms 3.6g
Sd 54.4cm²

Linear excursion: +/-1.5 mm
Maximal excursion: +/-2.5mm

Nominal power: 50W
Maximal power handling: 100W
With HPF at 150Hz, 12dB/Oct.

Integrated innovation



.Konstant Le(X)



.Kombo magnets



.Kompund CGF



.dynamik spider

Visit our website to discover our innovation

Mid120_vHE

Our products can be adapted to your technical requirements and brand spirit.
www.Kartesian-acoustic.com Rue Jean Sapidus, 67400 Illkirch, France

