

## Wib120\_vHE

High End Wideband.



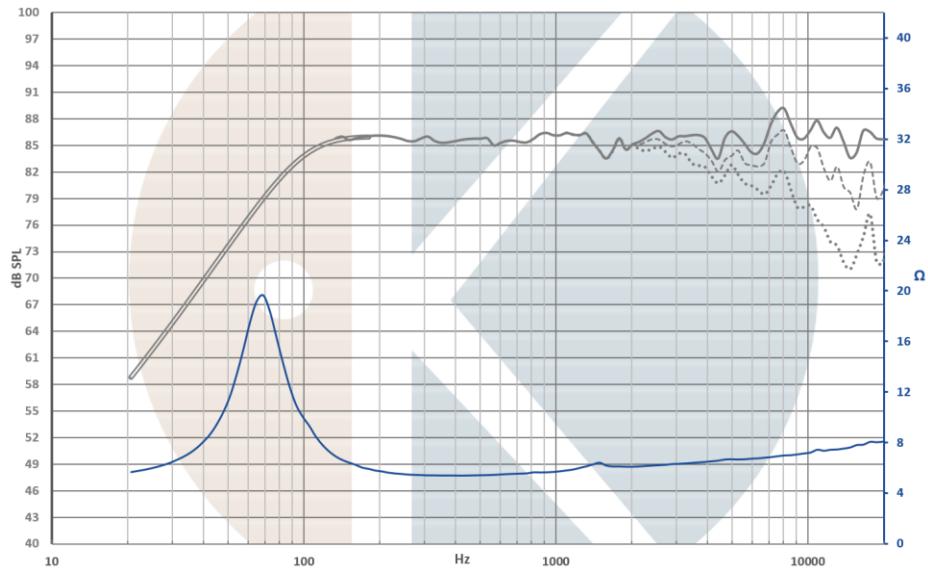
Wib120\_vHE is a modern wide band, allying low frequency extension and linear frequency response up to 22kHz. The cone (exponential profile) is made of mixed cellulose and glass fiber, with specific damping applied on the back of the membrane to minimize sound coloration.

It integrates several innovations (dynamik spider, stepped voice coil, Kombo magnets, ...) to ensure high dynamic range and clean transient response.

The motor structure is built with very low carbon steel, high grade magnets (Ferrite and Neodymium).

A large cooper ring reduces the inductance non-linearity to the minimum (0.08mH at 1kHz).

Thanks to the stepped voice coil, the Wib120\_vHE has low moving mass and wider force factor [Bl(X)] than most of its competitors.



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## Advanced construction

**Membrane**  
Paper - GF cone, damped on its back  
Aluminum dust cap (0.035mm Thickness)

## T&S

Fs 68Hz  
SPL 86dB/2.8V/1m  
Re 5.6Ω

**Suspension**  
Low lost NBR surround  
dynamiK spider

Qms 2.25  
Qts 0.56  
Bl 3.98N/A

**Voice coil:**  
Ø24mm, stepped winding, CCAW ribbon  
Aluminum former

VAS 4.4L  
Mms 4.9g  
Sd 52.8cm<sup>2</sup>

### Motor structure:

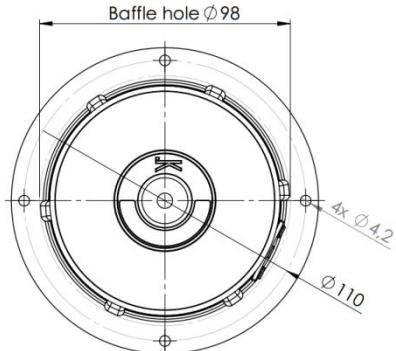
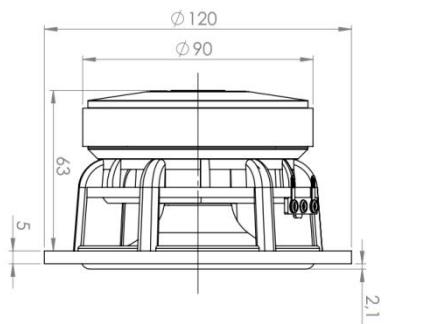
Dual high-grade magnets (Fe + NdFeB)  
Demodulated by Cooper ring  
Optimized and vented pole pieces design  
Very low carbon steel

Linear excursion: +/-4 mm  
Maximal excursion: +/-6mm

### Frame

Injected aluminum  
Vented spider

Nominal power: 40W  
Maximal power handling: 60W



## Integrated innovation



.Konstant Le(X)



.Kombo magnets



.dynamiK spider



.Kompliance surround

Visit our website to discover our innovation

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