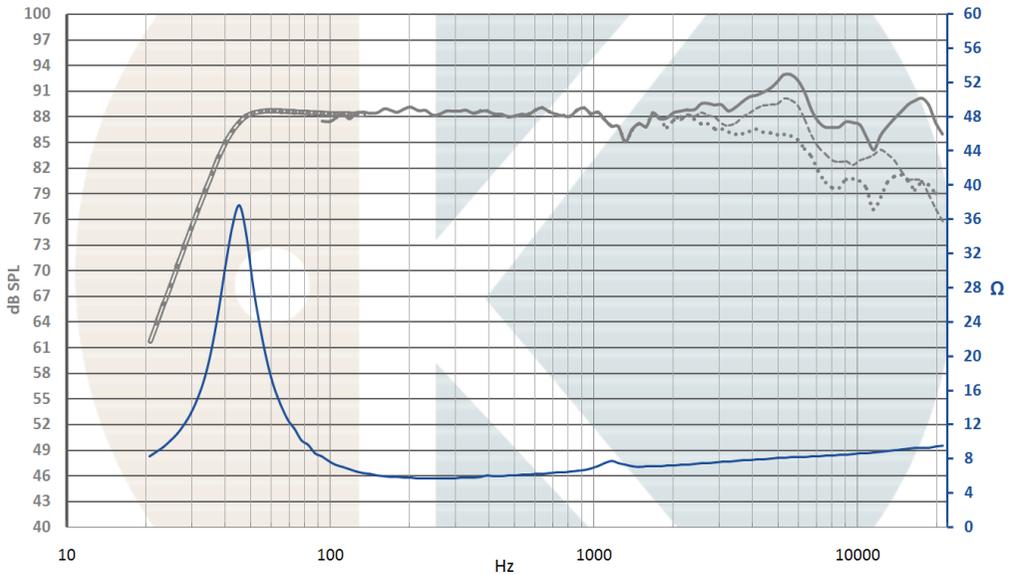


## Wom145\_vHE

High End Woofer.



Wom145\_vHE is a very high quality 5" woofer designed to cover 45Hz - 3000Hz in High End products. Its uses an under-hung voice coil, built on Ø26mm Titanium former, and made of only 2 layers for very low inductance value (0.04mH). The motor structure uses two high grade NdFeB magnets, a cooper ring and specific devices to manage the inductance modulation. It uses rigid and damped CGF cone and low mechanical lost surround for fast and clean transient response. Thanks to the dynamik spider, the Fs[Hz] remains unchanged on the full excursion, providing same accurate bass reproduction on wide dynamic range.



On IEC baffle / Distance: 1m / Signal input: 2,83V / Dash curves: 30° & 60°  
 Impedance measured in free air / Smoothing: 1/12 Octave  
 Curve below 130Hz is simulated in 16L vented enclosure, Fc = 43Hz

## Wom145\_vHE

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

[www.Kartesian-acoustic.com](http://www.Kartesian-acoustic.com) Rue Jean Sapidus, 67400 Illkirch, France



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## Advanced construction

**Membrane**  
CGF cone  
Concave CGF dust cap

**Suspension**  
Low lost large NBR surround  
dynamik spider

**Voice coil:**  
Ø26mm, Cu Wire  
Titanium former

**Motor structure:**  
Dual high grade NdFeB magnets  
Demodulated by Cooper ring  
Under-hung vented voice coil  
Optimized and pole pieces design

**Frame**  
Injected aluminum  
Fully vented design

## T&S

Fs 44Hz  
SPL 88dB/2.8V/1m  
Re 4.8Ω

Qms 4.2  
Qts 0.424  
Bl 4.92N/A

VAS 15.6L  
Mms 8.6g  
Sd 85cm<sup>2</sup>

Linear excursion: +/-6 mm  
Maximal excursion: +/-8mm

Nominal power: 60W  
Maximal power handling: 120W

## Integrated innovation



.Konstant Le(X)



.Konstant BI(X)



.Kombo magnets

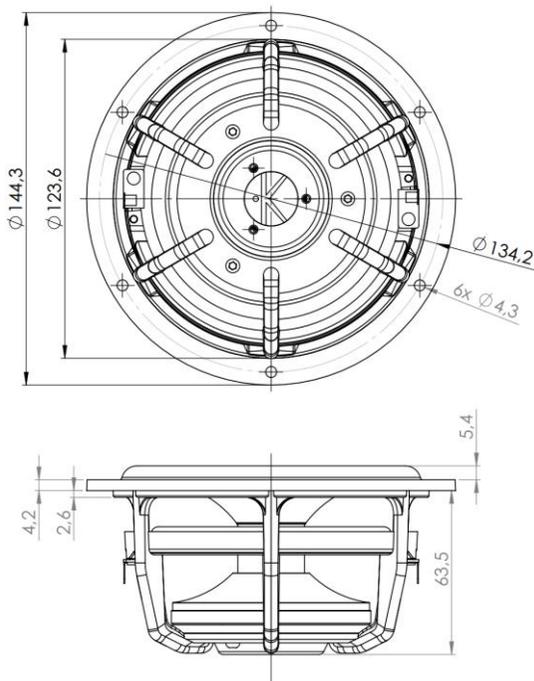


.Kompund CGF



.dynamik spider

Visit our website to discover our innovation



## Wom145\_vHE

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