

## Wom165\_vHE

High End Woofer.

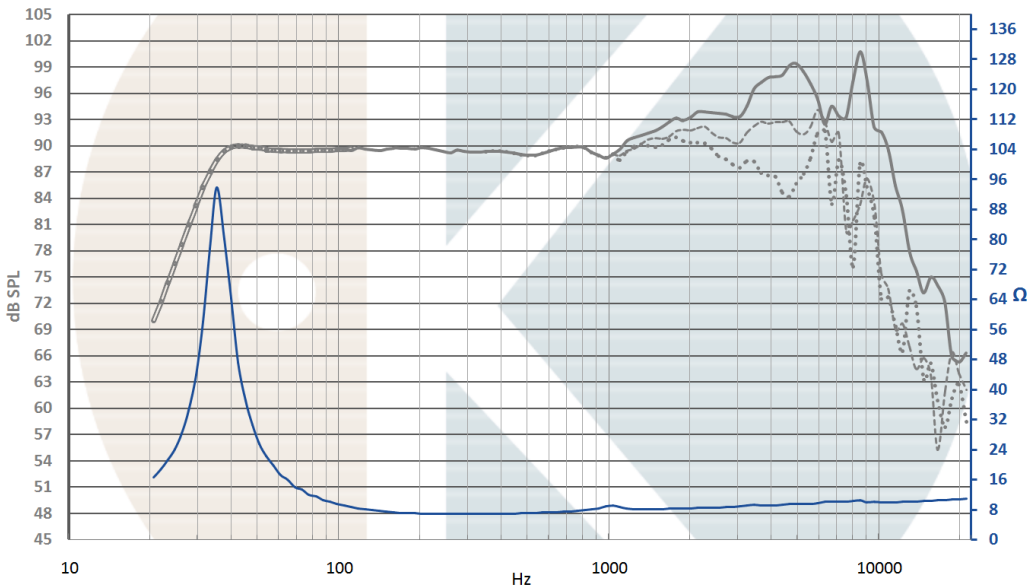


Wom165\_vHE is the uncompromised 6.5" woofer to reproduce 35Hz - 2500Hz in High End products.

Its uses under-hung voice coil, built on Ø36mm Titanium former, and made of only 2 layers.

Thanks to the advanced and powerful motor structure, it ally strong force factor (6.8N/A) and negligible inductance modulation. The impedance curve shows the very low inductance value ( $L_e = 0.085\text{mH}$ ) which help to design efficient passive crossover.

The association of Kartesian innovation about the membrane, the spider, the pole pieces and the voice coil allow to reach very low THD (0.3% from 100Hz to 1000Hz with 90dB at 1m).



On IEC baffle / Distance: 1m / Signal input: 2,83V / Dash curves: 30° & 60°  
 Impedance measured in free air / Smoothing: 1/12 Octave  
 Curve below 110Hz is simulated in 35L vented enclosure,  $F_c = 36\text{Hz}$

## Wom165\_vHE

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

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## Advanced construction

Membrane  
CGF cone  
Concave CGF dust cap

Suspension  
Low lost NBR surround  
dynamik spider

Voice coil:  
Ø36mm, 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

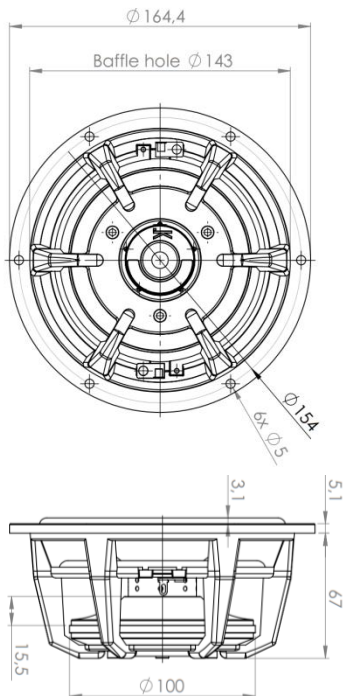
Fs 36Hz  
SPL 89dB/2.8V/1m  
Re 6Ω

Qms 6.2  
Qts 0.365  
Bl 6.8N/A

VAS 31.8L  
Mms 13.2g  
Sd 123cm<sup>2</sup>

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

Nominal power: 80W  
Maximal power handling: 150W



## Integrated innovation



.Konstant Le(X)



.Konstant BI(X)



.Kombo magnets



.Kompund CGF



.dynamik spider

Visit our website to discover our innovation

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