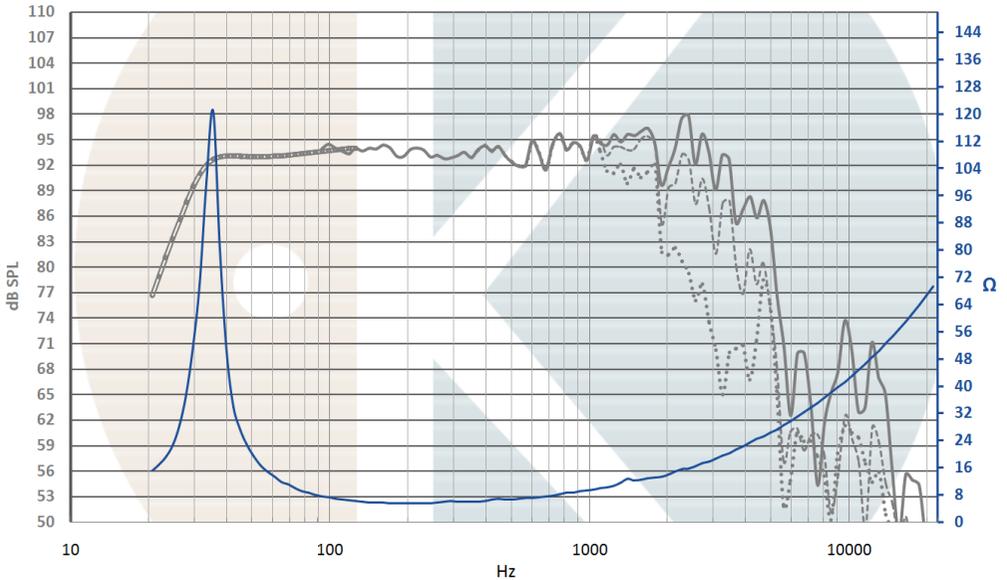


Wom300_vDIY

12" dedicated to passionate



Wom300_vDIY is a 12inch woofer, dedicated to passionate and DIY community. The motor structure is based on 170mm diameter Fe magnet, it uses 2 Aluminum rings and advanced pole pieces geometry to get symmetric and linear force factor and inductance. Membrane has been engineered with FEA. It is made of pressed paper with handmade in France treatment, and Carbone fiber dust cap. The typical use case is a 2 ways high-efficiency system using compression driver for upper frequency. We suggest to associate the Wom300_vDIY with the Cmp50_vPA-S (crossover point around 1500Hz) or with Cmp65_vPA (crossover point around 900Hz).



On IEC baffle / Distance: 1m / Signal input: 2,83V / Dash curves: 30° & 60°
 Impedance measured in free air / Smoothing: 1/12 Octave
 Curve below 120Hz is simulated in 90L vented enclosure, Fc = 34Hz

Wom300_vDIY

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



Advanced construction

Membrane
 Pressed and treated paper
 Carbon fiber dust cap

Suspension
 Triple rolls, Damped fabric
 Polyester / Cotton spider

Voice coil:
 Ø65mm, Cooper wire
 Glass fiber former

Motor structure:
 Y40 grade Fe magnet
 Demodulated by Aluminum rings
 Optimized and vented pole pieces

Frame
 Injected aluminum / Vented spider
 Sealing ring on the front

T&S

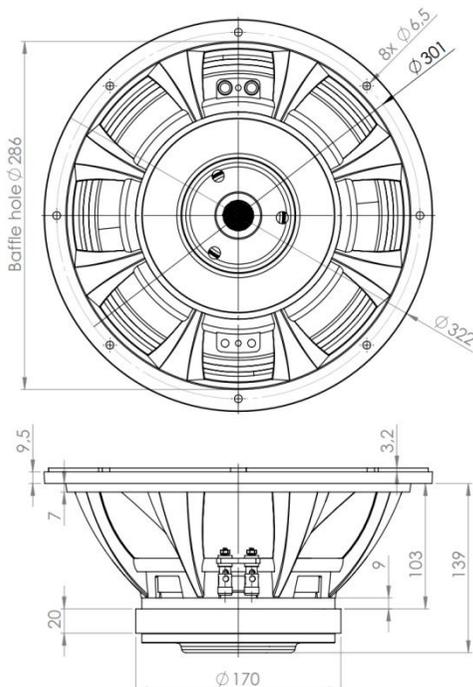
Fs 37Hz
 SPL 93dB/2.8V/1m
 Re 5.3Ω

Qms 7.2
 Qts 0.36
 BI 15.62N/A

VAS 91L
 Mms 75g
 Sd 511cm²

Linear excursion: +/-6 mm
 Maximal excursion: +/-9mm

Nominal power: 250W
 Maximal power handling: 600W



Integrated innovation



.Konstant BI(X)



.Konstant Le(X)



.Kooling

Visit our website to discover our innovation

Wom300_vDIY

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

