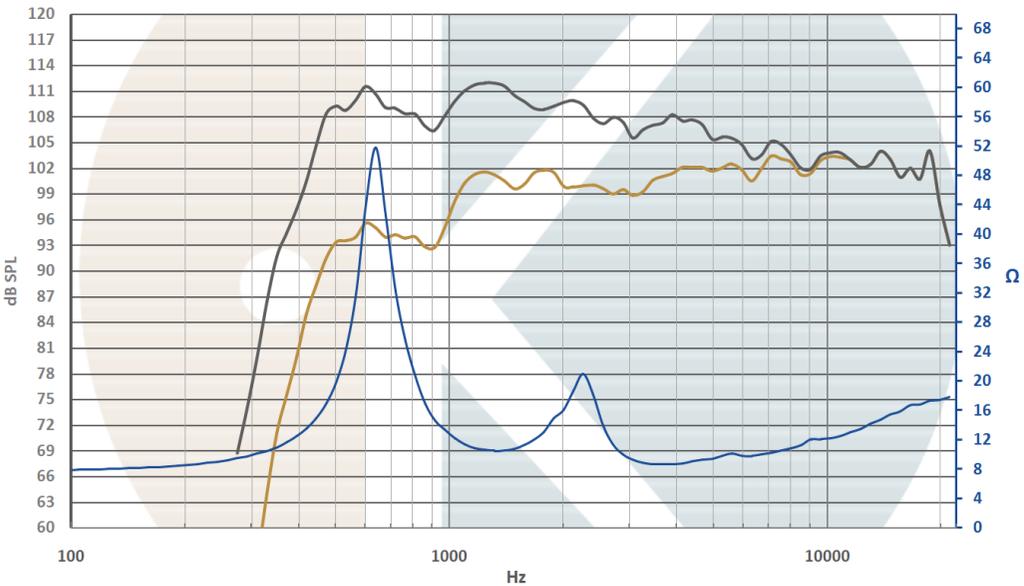


Cmp50_vPA-S

High quality compression driver.



Cmp50_vPA-S is a compression driver dedicated to high quality monitoring systems (typically high efficiency, 2 ways). The motor structure uses a 134mm diameter Ferrite magnet (grade Y40), optimized pole pieces design made of low carbon steel, and it is demodulated by Aluminum ring. The diaphragm is made of treated Titanium and very light Aluminum voice coil wired on Polyimide former. It has been engineered to provide dynamic and accurate sounding with very low THD from 1kHz to 20kHz.



Measured with exponential horn (mouth $\varnothing 365\text{mm}$, length 258mm)
 Distance: 1m / On axis / Signal input: 2,83V
 Grey curve: Raw response / Yellow curve : With 3,3 μF capacitor (1st order HPF)
 Impedance measured in free air / Smoothing: 1/12 Octave

Cmp50_vPA-S

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

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Advanced construction

Membrane
Titanium diaphragm

Suspension
Shaped in the diaphragm

Voice coil:
Ø51mm, Aluminum wire
Polyimide former

Motor structure:
High grade Fe magnet (Ø134mm)
Demodulated by Aluminum ring
Optimized pole pieces

Frame
Injected aluminum back cover
Sealing ring on the front

T&S

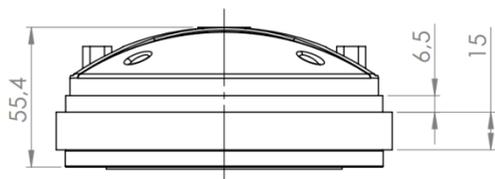
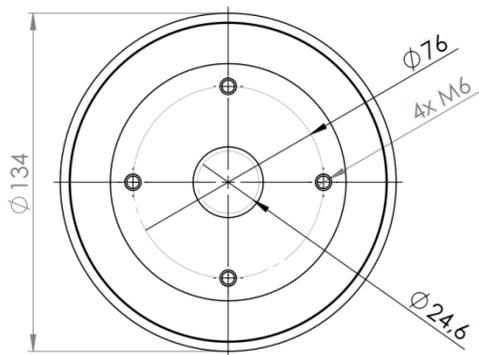
Fs 600Hz (1st peak without horn)
SPL 106.5dB/2.8V/1m
Re 6.3Ω

Qms -
Qts -
Bl 14.2N/A

VAS -
Mms 0.46g
Sd 19.6cm²

Linear excursion: +/-0.2 mm
Maximal excursion: +/-0.35mm

Nominal power: 70W
Maximal power handling: 150W
(with high-pass filter, 12dB/Oct at 900Hz)



Integrated innovation



.Konstant Le(X)



.Konstant Bl(X)



.Kooling

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Cmp50_vPA-S

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