

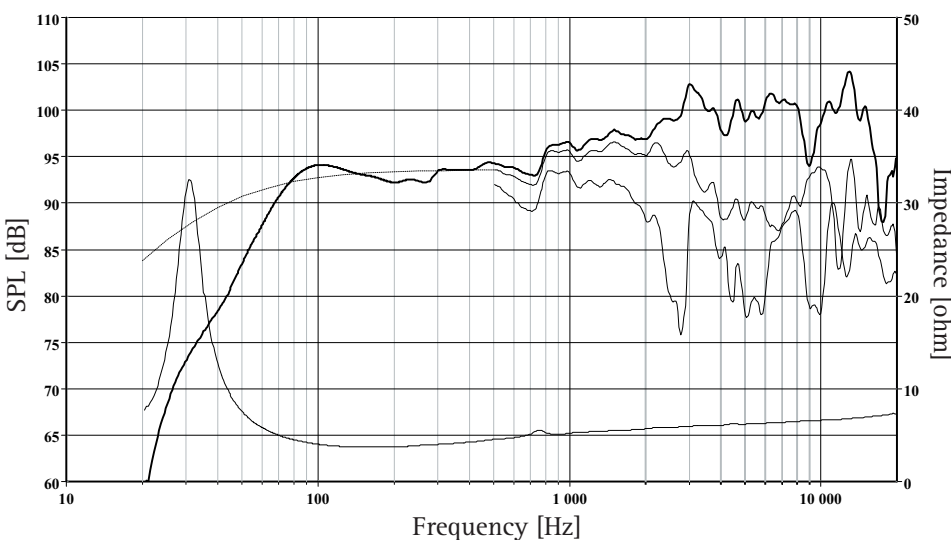
This fullrange 8 inch driver has a paper cone with papyrus fibers to optimize stiffness and damping, and high frequency whizzer cone perfectly matched to the cone.

Special foam rubber surround that reduces mass of surround by 40 % compared to regular rubber surrounds, which results in higher sensitivity for the driver, and excellent damping properties.

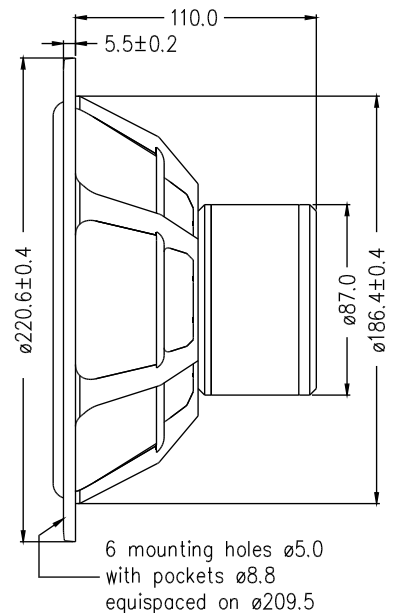
New GVD technology is combined with an extremely open weave spider. The threads in the weave are woven together in a way that makes the spider silent. In other words, the noise from the threads rubbing together is completely gone. The open weave is practically fully acoustically transparent and resonance problems caused by traditional spiders are reduced to a minimum.

High temperature voice coil wound on a stiff and rigid glass fiber former. AlNiCo Magnet system in addition to a copper cap on the pole piece and an underhung voice coil reduce non linear distortion to a minimum.

H2 lead out wires prevent roping and resonances.



The frequency responses above show measured free field sound pressure in 0, 30, and 60 degrees angle using a 21L closed box. Input 2.83 VRMS, microphone distance 0.5m, normalized to SPL 1m. The dotted line is a calculated response in infinite baffle based on the parameters given for this specific driver. The impedance is measured in free air without baffle using a 2V sine signal.



Nominal Impedance	4 Ohms	Voice Coil Resistance	3.0 Ohms
Recommended Frequency Range	30 - 20000 Hz	Voice Coil Inductance	0.05 mH
Short Term Power Handling *	100 W	Force Factor	4.2 N/A
Long Term Power Handling *	35 W	Free Air Resonance	31 Hz
Characteristic Sensitivity (2,83V, 1m)	96.0 dB	Moving Mass	10.5 g
Voice Coil Diameter	26 mm	Air Load Mass In IEC Baffle	1.92 g
Voice Coil Height	7.8 mm	Suspension Compliance	2.5 mm/N
Air Gap Height	12 mm	Suspension Mechanical Resistance	0.57 Ns/m
Linear Coil Travel (p-p)	4.2 mm	Effective Piston Area	222 cm ²
Maximum Coil Travel (p-p)	14 mm	VAS	146 Litres
Magnetic Gap Flux Density	0.8 T	QMS	4.24
Magnet Weight	0.8 kg	QES	0.43
Total Weight	2.6 kg	QTS	0.39