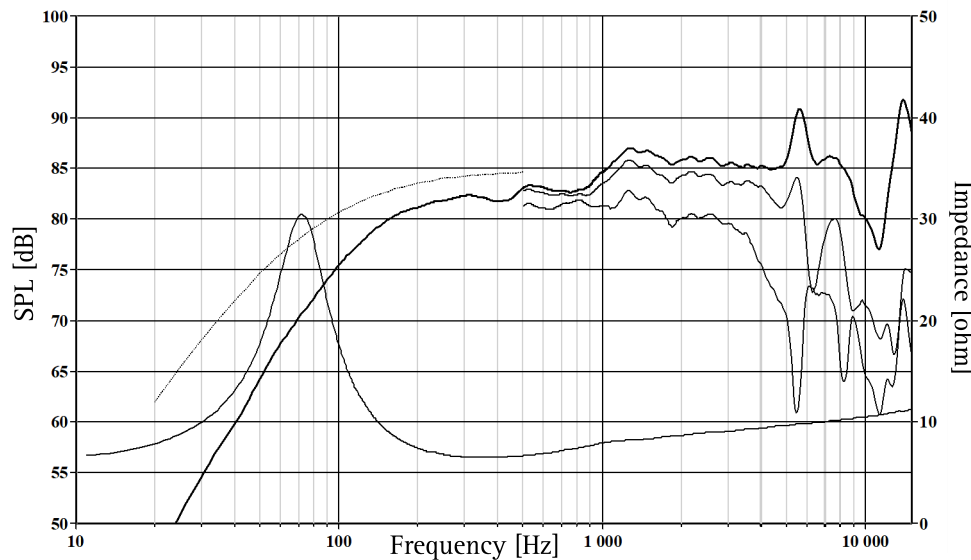


Paper cone with a unique Nextel top coating combined with a back coating and a carefully placed edge coating for extra damping gives an unparalleled smooth and detailed paper cone sound.

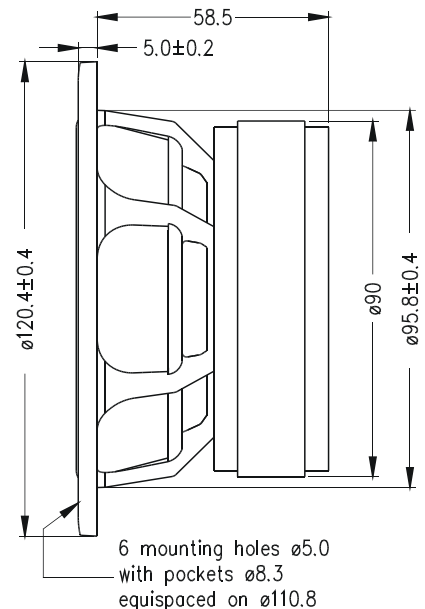
The FEA optimized motor-design represents the state-of-the-art regarding linearity and low distortion. Low mechanical and electromagnetic damping ensure high quality reproduction of even the finest micro details in music. At the same time, the high-performance titanium voice coil former and its connection to the cone has very high power-handling.

The smooth frequency response and ample linearity make it very suitable both as a dedicated midrange in a 3-way design, or as a woofer in a small compact speaker.

The extremely stiff and stable injection moulded metal basket keeps the critical components in perfect alignment. Large windows in the basket both above and below the spider reduce sound reflection, air flow noise and cavity resonance to a minimum.



The frequency responses above show measured free field sound pressure in 0, 30, and 60 degrees angle using a 2.5L 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 | 8 Ohms | Voice Coil Resistance | 5.6 Ohms |
| Recommended Frequency Range | 50 - 4000 Hz | Voice Coil Inductance | 0.27 mH |
| Short Term Power Handling * | 180 W | Force Factor | 5.9 N/A |
| Long Term Power Handling * | 90 W | Free Air Resonance | 72 Hz |
| Characteristic Sensitivity (2,83V, 1m) | 85 dB | Moving Mass | 6.9 g |
| Voice Coil Diameter | 26 mm | Suspension Compliance | 0.71 mm/N |
| Voice Coil Height | 12 mm | Suspension Mechanical Resistance | 1.42 Ns/m |
| Air Gap Height | 6 mm | Effective Piston Area | 50 cm ² |
| Linear Coil Travel (p-p) | 6 mm | VAS | 3 Litres |
| Maximum Coil Travel (p-p) | 9 mm | QMS | 2.20 |
| Magnetic Gap Flux Density | 1.1 T | QES | 0.49 |
| Magnet Weight | 0.42 Kg | QTS | 0.40 |
| Total Weight | 1.3 kg | | |