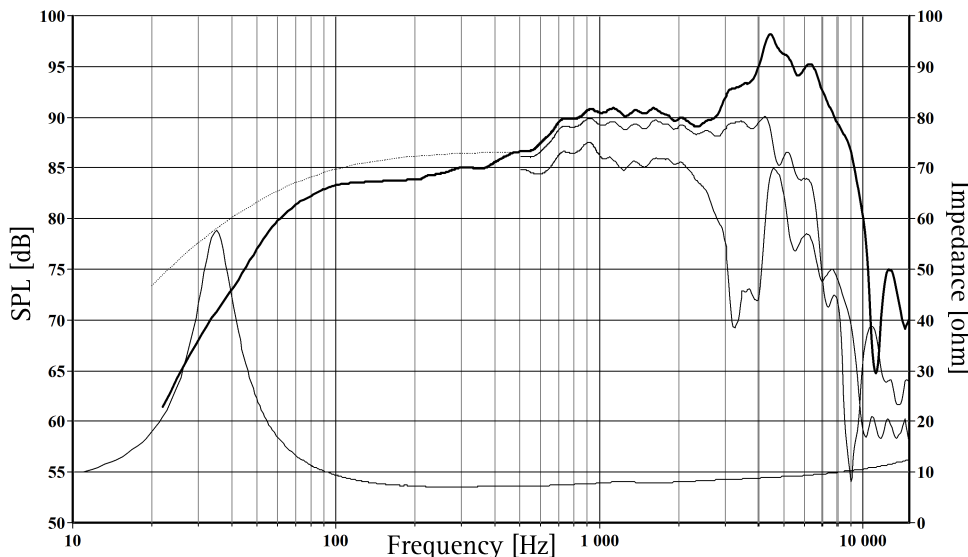


Paper cone with a unique Nextel top coating combined with a back coating for extra damping gives an unparalleled smooth and detailed paper cone sound.

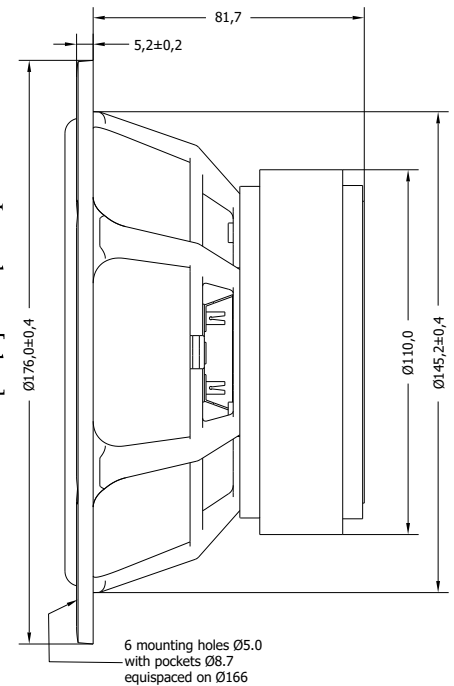
FEA optimised magnet system with precisely fitted copper parts represents the state-of-the-art regarding linearity and low distortion.

Titanium voice coil former with a long copper clad aluminium winding for excellent force transfer, transient sound reproduction and large linear excursion. A unique adaptive rubber surround reduces radial resonances and prevents surround break up at large excursions. Low mechanical and electromagnetic damping ensure high quality reproduction of even the finest micro details in music.

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 12L 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	6.3 Ohms
Recommended Frequency Range	20 - 3000 Hz	Voice Coil Inductance	0.12 mH
Short Term Power Handling *	280 W	Force Factor	7.4 N/A
Long Term Power Handling *	200 W	Free Air Resonance	35 Hz
Characteristic Sensitivity (2,83V, 1m)	87.6 dB	Moving Mass	15 g
Voice Coil Diameter	39 mm	Suspension Compliance	1.36 mm/N
Voice Coil Height	20 mm	Suspension Mechanical Resistance	1.07 Ns/m
Air Gap Height	6 mm	Effective Piston Area	126 cm <sup>2</sup>
Linear Coil Travel (p-p)	14 mm	VAS	31 Litres
Maximum Coil Travel (p-p)	24 mm	QMS	3.11
Magnetic Gap Flux Density	1.3 T	QES	0.38
Magnet Weight	0.9 kg	QTS	0.34
Total Weight	2.4 kg		