

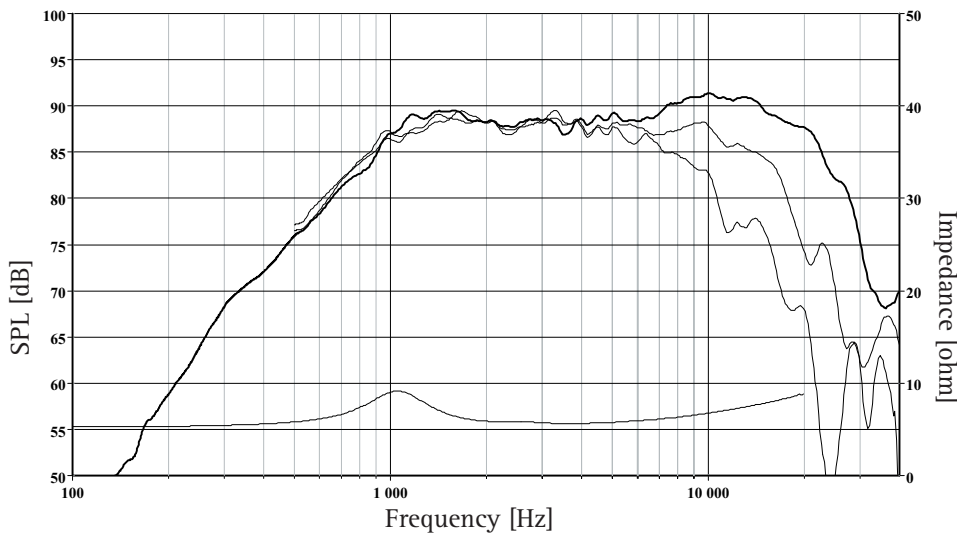
High Quality automotive tweeter.

The diaphragm is formed from a pre coated fabric material. Careful matching of fabric and coating results in a very smooth frequency response throughout the audible frequency range.

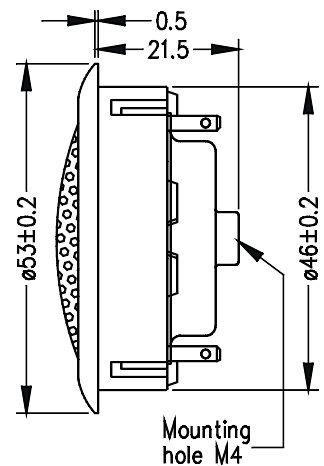
A wide roll surround together with a double chamber magnet system results in a low fundamental frequency.

Compact dual chamber neodymium magnet.

The voice coil is immersed in magnetic fluid, allowing high power handling capacity and simplified crossover design.



The frequency responses above show measured free field sound pressure in 0, 30, and 60 degrees, mounted in a 0.6m by 0.8m baffle. Input 2.83 Vrms, microphone distance 0.5m, normalized to SPL 1m. The impedance is measured without baffle using a 2V sine signal.



Nominal Impedance	6 Ohms	Voice Coil Resistance	4.9 Ohms
Recommended Frequency Range	2500 - 30000 Hz	Voice Coil Inductance	0.05 mH
Short Term Power Handling *	180 W	Force Factor	1.9 N/A
Long Term Power Handling *	80 W	Free Air Resonance	1000 Hz
Characteristic Sensitivity (2.83V, 1m)	89.5 dB	Moving Mass	0.23 g
Voice Coil Diameter	26 mm	Effective Piston Area	7.5 cm ²
Voice Coil Height	1.5 mm	Magnetic Gap Flux Density	2.0 T
Air Gap Height	2 mm	Magnet Weight	0.01 kg
Linear Coil Travel (p-p)	0.5 mm	Total Weight	0.15 kg