

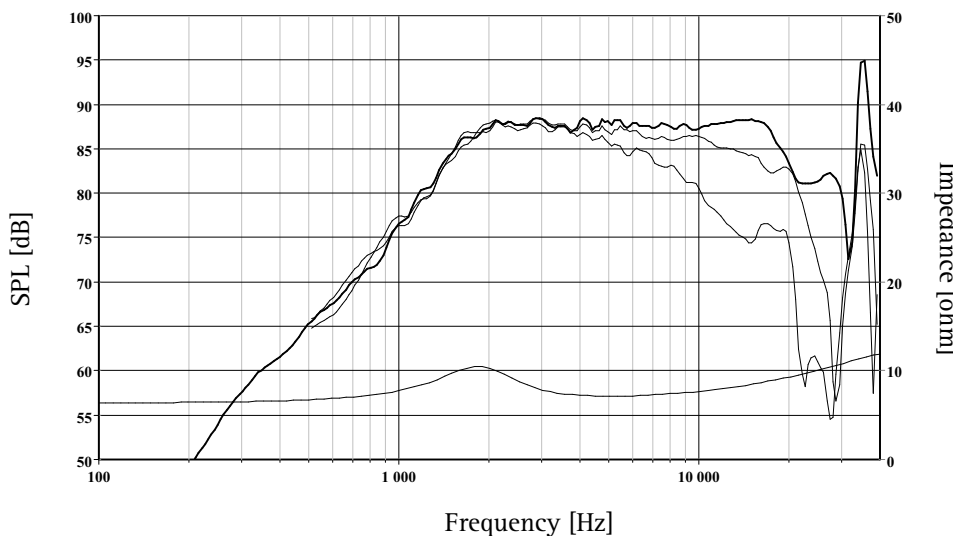
19mm High Fidelity dome tweeter with smooth, extended frequency response.

Aluminium diaphragm suspended by a specially designed soft Sonotex surround which allows a low fundamental frequency.

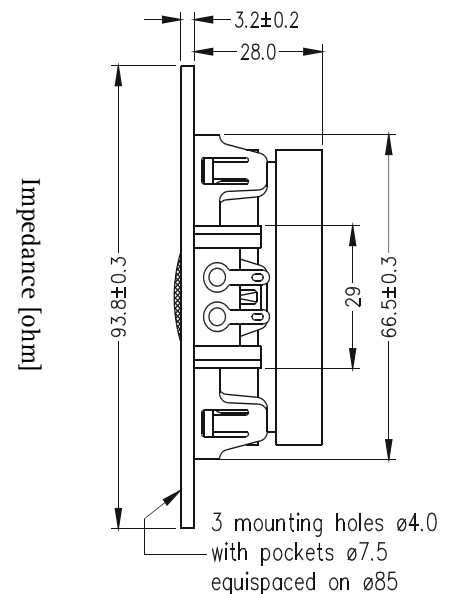
Double magnet reduces stray fields around the magnet system and allows the unit to be used in close proximity to a CRT. The double magnet also gives a higher sensitivity.

Fine mesh grid protects the diaphragm and carries a phase plate which compensates for a slight axial roll off towards 20 kHz.

Voice coil windings immersed in magnetic fluid increase short term power handling capacity and reduce the compression at high power levels.



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	8 Ohms	Voice Coil Resistance	6.2 Ohms
Recommended Frequency Range	4000 - 20000Hz	Voice Coil Inductance	0.05 mH
Short Term Power Handling *	220 W	Force Factor	2.6 N/A
Long Term Power Handling *	90 W	Free Air Resonance	1700 Hz
Characteristic Sensitivity (2.83V, 1m)	88 dB	Moving Mass	0.23 g
Voice Coil Diameter	19.5 mm	Effective Piston Area	4.0 cm <sup>2</sup>
Voice Coil Height	1.5 mm	Magnetic Gap Flux Density	1.4 T
Air Gap Height	2.0 mm	Magnet Weight	0.12 kg
Linear Coil Travel (p-p)	0.5 mm	Total Weight	0.30 kg