

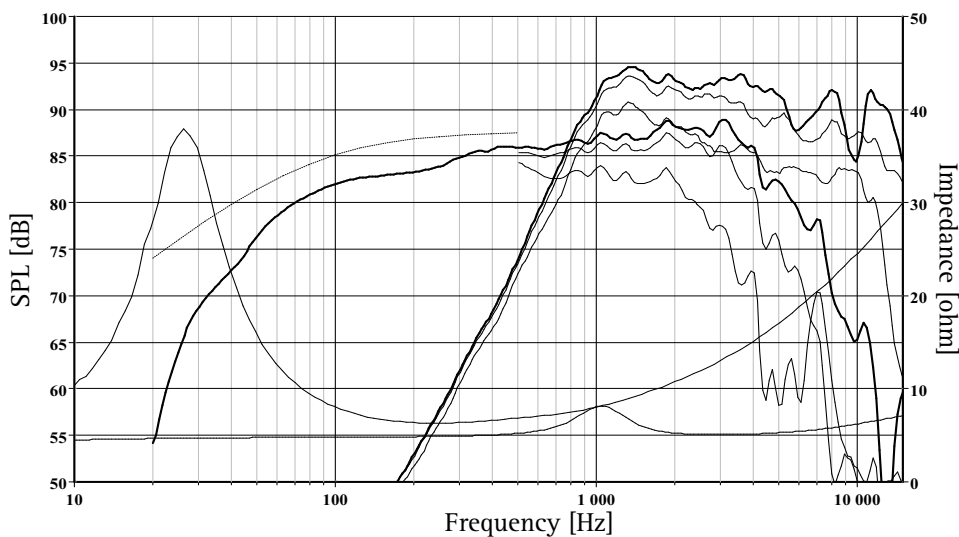


The PP/TPX based cone matches ideally with the adaptive rubber surround. This result is an outstandingly smooth frequency response from the mid woofer.

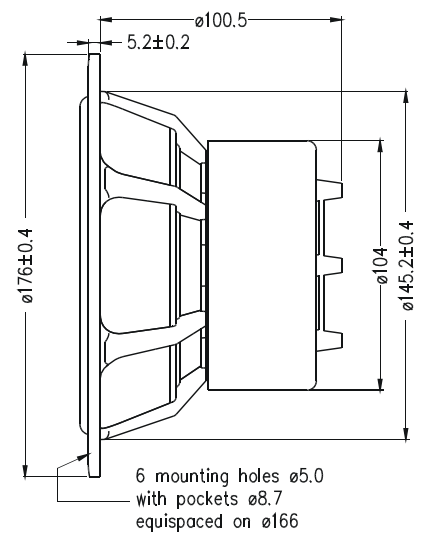
The coaxially arranged precoated fabric dome high frequency unit has a low resonance frequency, and integrates with the cone driver to a point source.

The cone of the woofer acts as a horn loading for the tweeter, and the chassis of the dome unit represents the throat of this horn.

The compensation magnet and the shielding cup is mounted on the woofer magnet system to eliminate magnetic stray fields, hence the unit can be used very close to CRT's in audio/video applications.



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.



	Woofer	Tweeter		Woofer	Tweeter
Nominal Impedance	8 Ohms	6 Ohms	Voice Coil Resistance	6.1 Ohms	4.8 Ohms
Recommended Frequency Range	30-3000 Hz	2000-25000	Voice Coil Inductance	0.79 mH	0.05 mH
Short Term Power Handling *	250 W	220 W	Force Factor	6.8 N/A	2.3 N/A
Long Term Power Handling *	80 W	90 W	Free Air Resonance	26 Hz	1200 Hz
Characteristic Sensitivity (2.83V, 1m)	87 dB	88.5	Moving Mass	13.7 g	0.3 g
Voice Coil Diameter	39 mm	26 mm	Air Load Mass In IEC Baffle	0.76 g	-
Voice Coil Height	12 mm	1.5 mm	Suspension Compliance	2.7mm/N	-
Air Gap Height	6 mm	2.0 mm	Suspension Mechanical Resistance	1.45Ns/m	-
Linear Coil Travel (p-p)	6 mm	0.5 mm	Effective Piston Area	120 cm <sup>2</sup>	7 cm <sup>2</sup>
Maximum Coil Travel (p-p)	19 mm	-	VAS	52 Litres	-
Magnetic Gap Flux Density	0.87 T	1.2 T	QMS	1.63	-
Magnet Weight	0.84 kg	-	QES	0.31	-
Total Weight	1.91 kg	-	QTS	0.26	-

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\*IEC 268-5(Tweeter via high pass butterworth filter 3500 Hz, 12 dB/oct)  
SEAS reserves the right to change technical data

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