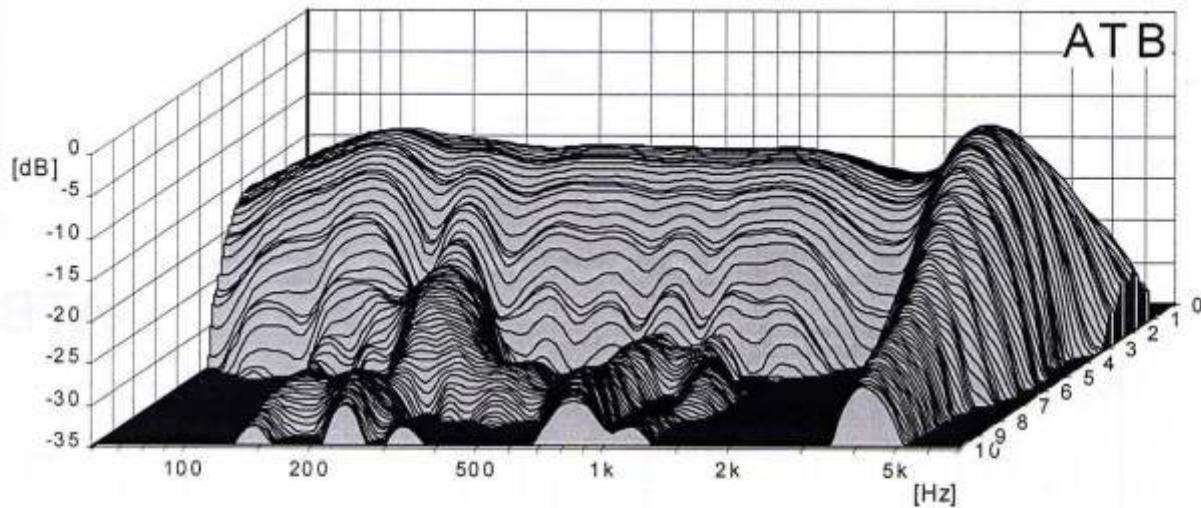




Bass-midrange driver with 7 inch light wight concave ceramic dome. Recommended for hi-end 2-way and 3-way applications. High resolution and very good dispersion up to 2,5 kHz. Wide bandwidth allows first order filtering and a crossover frequency as high as 2500 Hz.

Recommended linear frequency range: 25 Hz - 2,5 kHz
Recommended enclosure: 40- 55 liter bass-reflex, $f_3 = 38$ (33) Hz



Spectral decay plot with z-axis in periods. Signal is a 6 Volt cosine-burst with a length of 5 periods. Some irregularities at 200 – 400 Hz and 1-2 kHz due to reflections in the measuring room. Cone breakup at about 4,5 kHz.

Mechanical Dimensions / Weight:

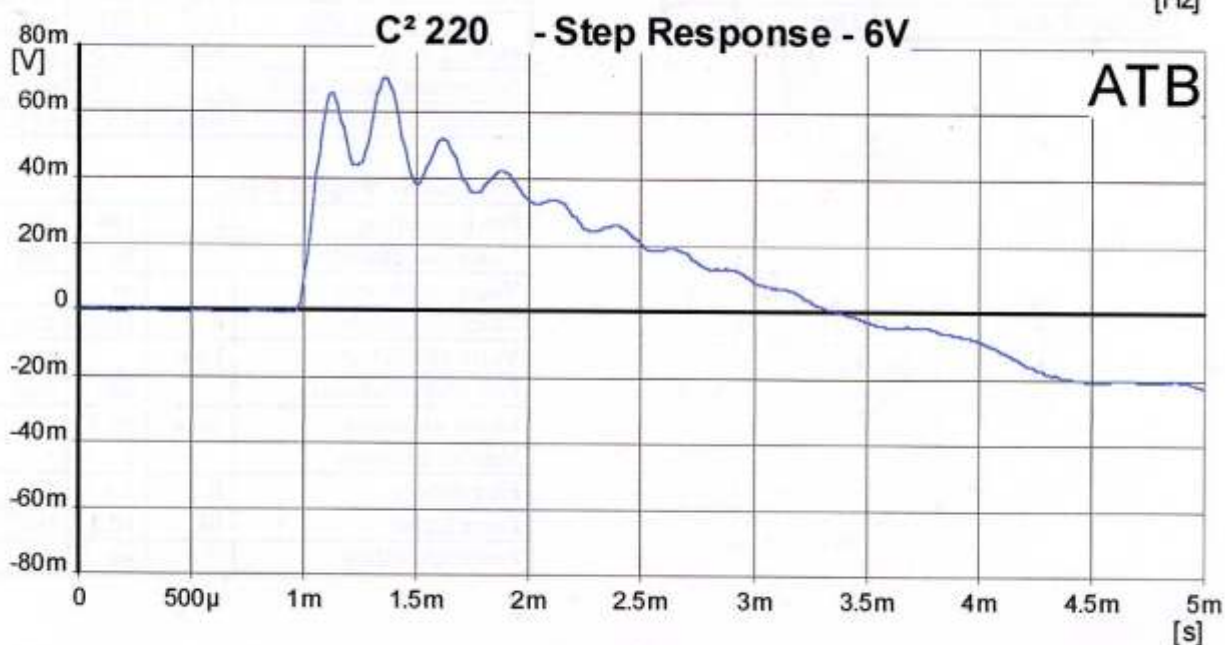
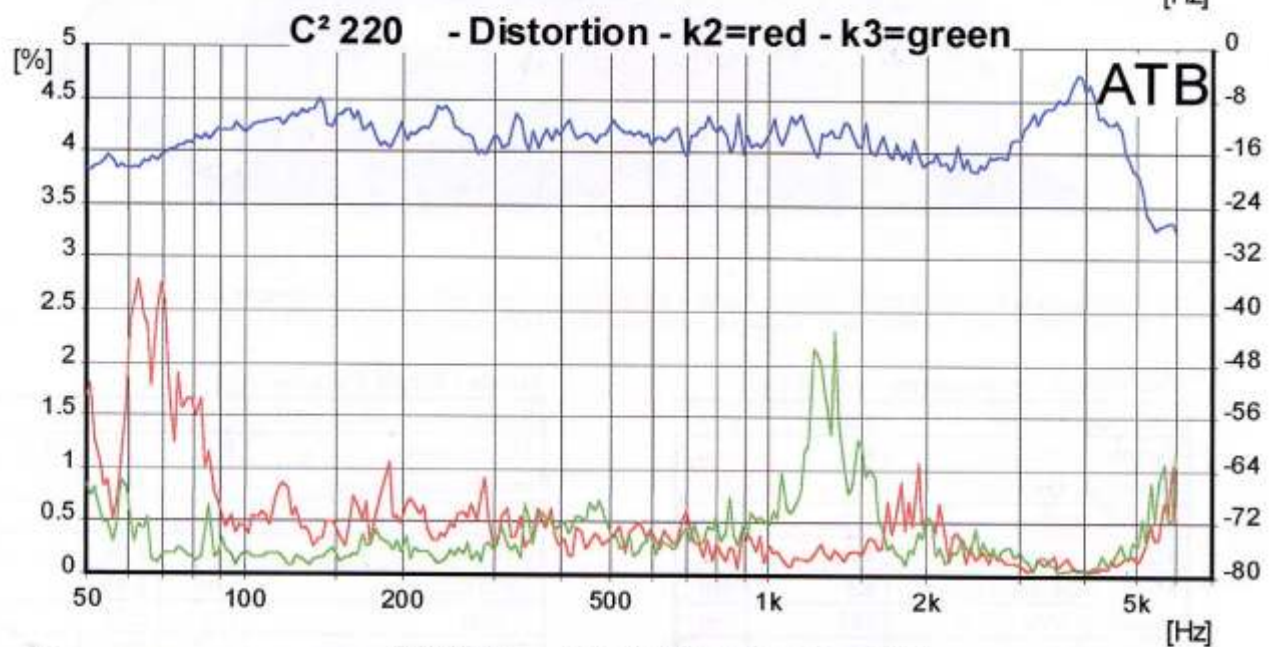
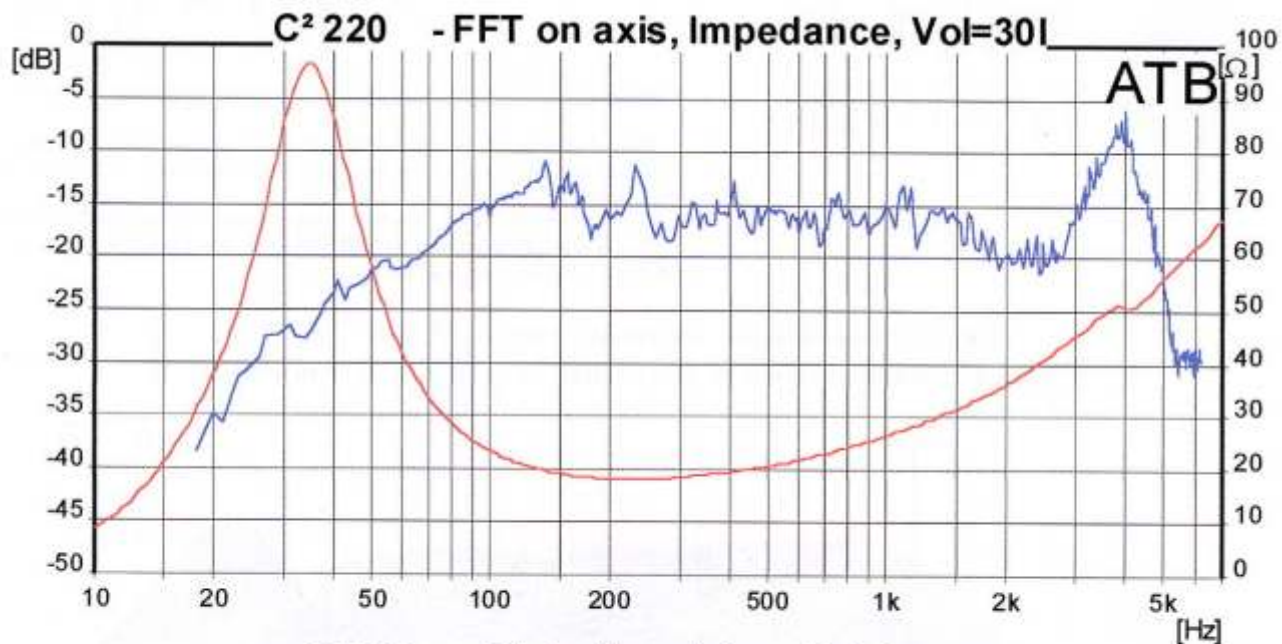
Outer dimensions	220	mm
Cutout dimensions	186	mm
Frontplate thickness	6,5	mm
Overall depth	118	mm
Mount. hole diam.lower	4,5	mm
Mount. hole diam.upper	8,5	mm
Mounting hole circle	209	mm
Weight of driver	3300	g

Thiele / Small Parameters:

Sensitivity, 1 W / 1 m	E	89,6	dB
DC resistance	R	5,9	Ohm
resonance frequency	fres	21	Hz
Equivalent volume of air	Vas	144	L
mechanical Q	Qms	4,49	
electrical Q	Qes	0,29	
Q total	Qts	0,27	
Effective piston area	S	233	cm ²
Moving mass	Mms	31,9	g
Suspension Compliance	Cms	1,91	mm/N
Mechanical resistance	Rms	0,91	kg/s ⁻¹

Voice Coil / Magnet Data:

Power handling	P	150	W
Voice coil diameter	∅	50	mm
Voice coil former		Ti	
Voice coil height	h	16,4	mm
Voice coil inductance	Lbm	0,61	mH
Pole plate thickness		6	mm
Linear excursion	Xmax	± 5,2	mm
Number of layers		2	
Flux density	B	1,2	T
Force factor	BL	9,1	NA ⁻¹
Ferrofluid filling		no	



All measurements made with 1/2 inch Brüel & Kjær microphone 4133, preamp 2639T and power supply 2804 in a DIN baffle with approximately 250 mm distance and 2.8 V output voltage unless otherwise stated.