



NEODYMIUM

COAXIAL

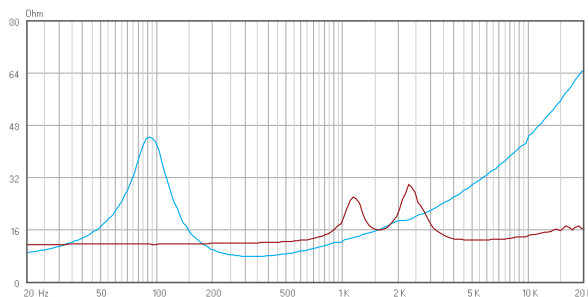
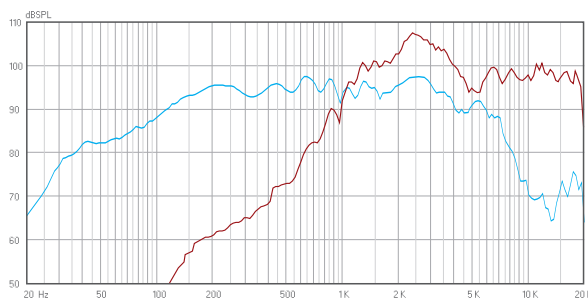
CD8D340

- Point source coaxial design
- 500 Watt Max Power
- 80Hz to 20KHz frequency response
- 97dB 1W@1m sensitivity
- Neodymium magnet structure

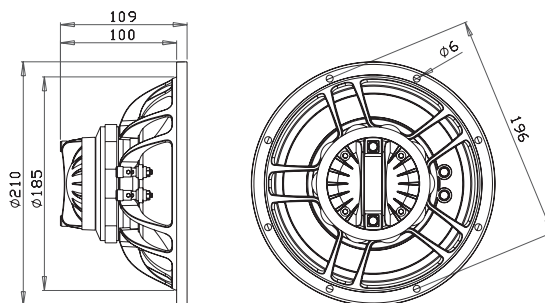
Specifications

Model		CD8D340
Nominal diameter	in.	8
Power handling capacity	W(AEC)	250
Max power	Watts	500
Nominal impedance	LF/HF Ω	8/16
Frequency range	Hz	80-20K
Sensitivity (1W/1m)	dB	97
Voice coil diameter	mm/in	51.5/2
Fs	Hz	88
Re	Ω	6
Qms		2.68
Qes		0.33
Qts		0.29
Vas	L	11
Mms	gr	19.8
Cms	mm/N	0.16
BL	Tm	14.1
Xmax	mm	3.9
Throat diameter	mm/in.	25/1
Power handling capacity	W(AES)	30
Nominal impedance	Ω	16
Sensitivity (2.83V/1m)	dB	100
Frequency range	Hz	2K-20K
Voice coil diameter	mm/in	34.4/1.35
Re	Ω	11
Overall diameter	mm	210
Bolt circle diameter	mm	196
Baffle cut-out diameter	mm	185
Overall depth	mm	109
Net weight	Kg	1.9

Frequency Response and Impedance Magnitude Curve



Dimension Drawings



- AES power is measured with 6dB crest factor continuous pink noise in 2 hours duration.
- Max power is defined as 3dB higher than the nominal rating.
- Sensitivity is measured at one meter at 2.83V and 8 ohm nominal impedance.
- All measurement of the speaker is done after a sufficient high level of 20Hz sine wave test.
- Xmas is defined at the BL drops by 18% of the original figure.