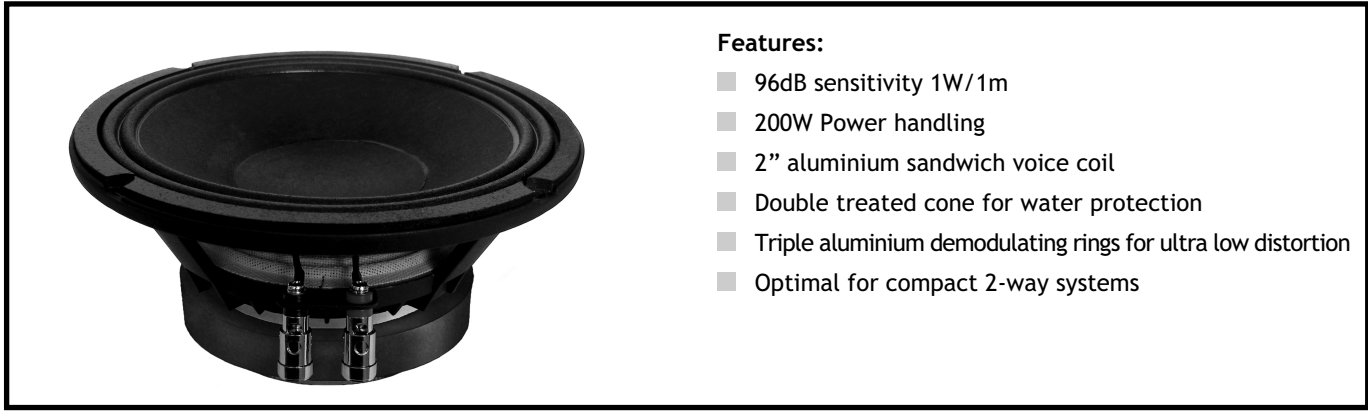


8S215

Ultra Low Distortion Low Midrange Driver

Ultra low distortion series

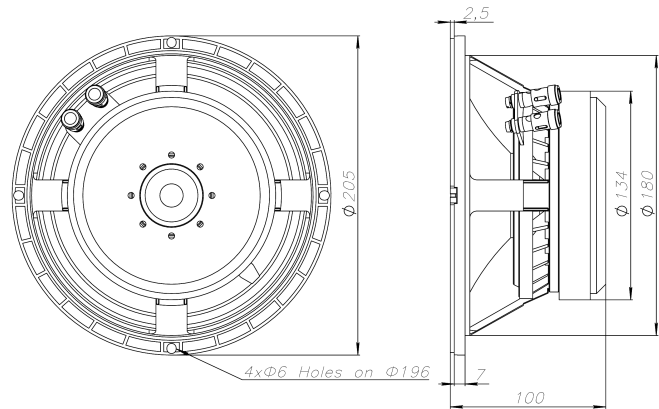


Features:

- 96dB sensitivity 1W/1m
- 200W Power handling
- 2" aluminium sandwich voice coil
- Double treated cone for water protection
- Triple aluminium demodulating rings for ultra low distortion
- Optimal for compact 2-way systems

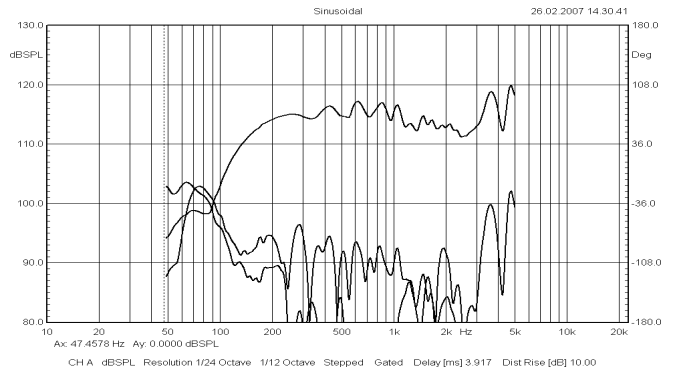
SPECIFICATIONS

APPLICATION	Low-middle	
Nominal impedance	Ohm	8
Power handling AES noise	W	200
Sensitivity (1W/1m)	dB	96
Frequency response	Hz	80 - 3000
Voive coil diameter	mm	51 (2")
Voice coil material		Al
Voice coil winding depth	mm	15
Magnet gap depth	mm	6.5
Basket		Cast Aluminium
Effect. diaphragm diameter D	mm	168



THIELE - SMALL PARAMETERS			
Resonance frequency	Fs	Hz	87.7
DC resistance	Re	Ohm	5.40
Mechanical Q factor	Qms		4.4
Electrical Q factor	Qes		0.33
Total Quality factor	Qts		0.31
Equivalent volume	Vas	L	11.04
Moving mass	Mms	kg	0.0206
Mechanical compl.	Cms	mm/N	0.16
BL factor	BL	Tesla m	13.60
Effective piston area	Sd	m ²	0.0222
Max. linear excursion	Xmax	mm	± 4.25
Voice coil inductance	Le1k	mH	0.20
	Le10k	mH	0.12

Frequency response measured 100W (28.3V) at 1m in a closed enclosure of 50 litre in an anechoic chamber incl. 2nd and 3rd harmonic distortion raised 10dB.



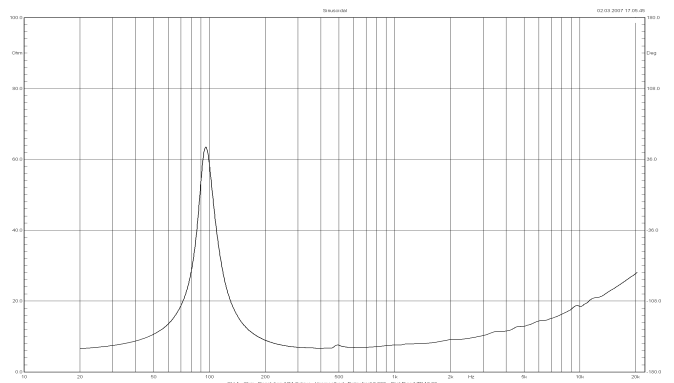
MOUNTING INFORMATION		
Overall diameter	mm	205
Mounting holes diameter	mm	4 x (6 x 6.5)
Bolt circle diameter	mm	196
Baffle cut-out diameter	mm	182
Overall depth	mm	100
Net weight	kg	3.25

Recommended enclosure:

4L/108Hz, BRD=60mm/127mm long

7L/82Hz, BRD=60mm/126mm long

10L/70Hz, BRD=60mm/111mm long



Cone Drivers