8" 200W

Code Z004950

8 D 1,5 CS 8Ω

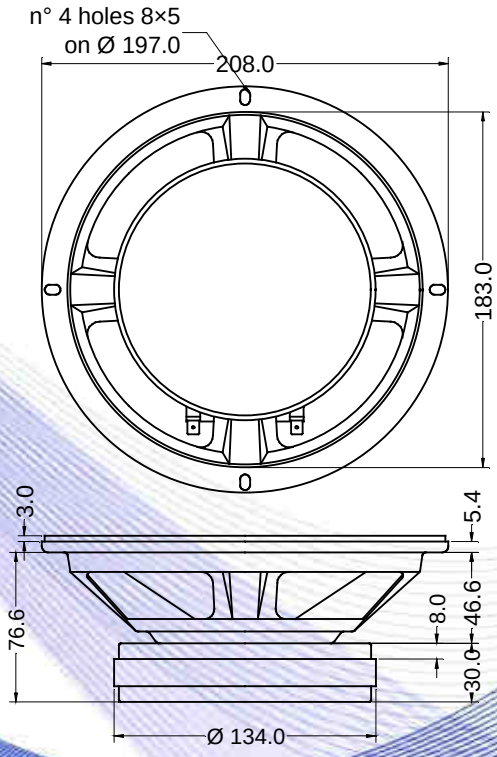
Fullrange

- 1,5” voice coil Kapton former
- Ferrite magnet circuit with copper ring
- Dual cone
- 94.9 dB sensitivity

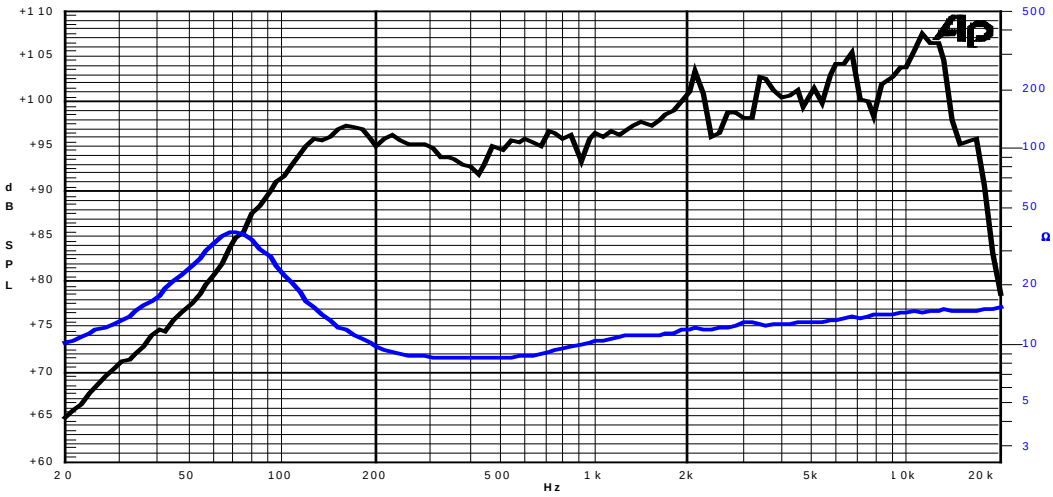
Specifications	
Nominal Diameter	208mm (8")
Nominal Impedance	8Ω
Rated Power AES (1)	100W
Continuous Program Power (2)	200W
Sensitivity @ 1W/1m (3)	94.9dB
Voice Coil Diameter	38mm (1,5")
Voice Coil Winding Depth	10mm
Magnetic Gap Depth	8mm
Flux Density	1.10T
Magnet Weight	1100g
Net Weight	3.1kg

Thiele & Small Parameters (4)			
Re	6.70Ω	Fs	65.0Hz
Qms	1.73	Qes	0.38
Qts	0.31	Mms	17.4g
Cms	346µm/N	Bxl	11.18Tm
Vas	22.4l	Sd	213.8cm^2
X max(5)	+/-2.2mm	X var (6)	+/-3.7mm
η_0	1.55%	Le (1kHz)	0.35mH

Constructive Characteristics	
Magnet	: Ferrite
Basket Material	: Pressed Sheet Steel
Voice Coil Winding Material	: Copper
Voice Coil Former Material	: Kapton
Cone Material	: Paper
Cone Treatment	: No
Surround Material	: Treated Cloth
Dust Dome Material	: Treated Cloth



Frequency Response on IEC Baffle (DIN 45575) @ 1W,1m – Free Air Impedance



Note:
1 : Rated Power measured with 2 hours test with pink noise signal, 6dB crest factor, loudspeaker mounted on enclosure
2: Power on Continuous Program is defined as 3 dB greater than the Rated Power
3: Calculated by Thiele & Small parameters
4: Thiele & Small parameters measured with laser system without preconditioning test
5: Measured with respect to a THD of 10% using a parameter-based method
6: Value corresponding to a decay of the Force Factor, or Compliance, or both, equal to the 50% of the small signal value.
7: Drawing dimensions: mm
8: The notch around 400Hz on the frequency response is typical of the measurement on IEC baffle

Due to continuing product improvement, the features and the design are subject to change without notice. 10/10/12

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