

**8 E2 1,5 CS 8Ω**

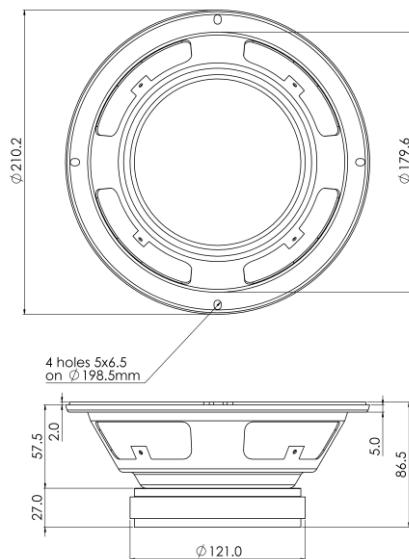
Professional

**8" | 240 W**

**Code** Z005090



- 1,5" voice coil Kapton former
- DAR** Cloth surround with Double Asymmetric Rolls Technology (DAR)
- Ferrite Magnet Circuit
- 94.4 dB sensitivity
- Frequency Range 70-4500 Hz

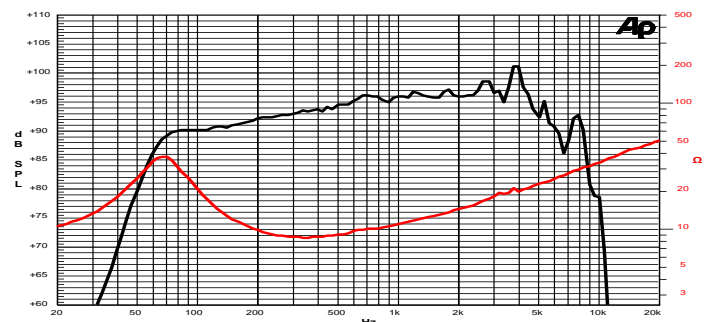


## General Specifications

Nominal Diameter	209 mm (8")
Nominal Impedance	8 Ω
Rated Power AES <sup>(1)</sup>	120 W
Continuous Program Power <sup>(2)</sup>	240 W
Sensitivity @ 1W/1m <sup>(3)</sup>	94.4 dB
Voice Coil Diameter	38 mm (1,5")
Voice Coil Winding Depth	10 mm
Magnetic Gap Depth	6 mm
Flux Density	1.16 T
Magnet Weight	640 g
Net Weight	2.0 kg

## Thiele & Small Parameters <sup>(4)</sup>

Re	6.6 Ω	Fs	66.5 Hz
Qms	2.06	Qes	0.45
Qts	0.37	Mms	16.7 g
Cms	343 μm/N	Bxl	10.11 Tm
Vas	22.2 l	Sd	213.8 cm <sup>2</sup>
X max <sup>(5)</sup>	+/-3.5 mm	X var <sup>(6)</sup>	+/-5.5 mm
η <sub>0</sub>	1.38 %	Le (1kHz)	0.51 mH



Frequency Response on 25 Lt @ 65 Hz Vented Box @ 1W, 1m  
Free Air Impedance

## 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	Solid Paper

## Mounting Information

Overall Diameter	210 mm
Baffle Cutout Diameter	181 mm
Mounting Holes	4 holes 5x6.5 on 198.5 mm
Total Depth	86.5 mm

<sup>(1)</sup> Rated Power measured with 2-hour test with pink noise signal, 6dB crest factor, loudspeaker in free air, power calculated on rated Zmin. <sup>(2)</sup> Power on Continuous Program is defined as 3dB greater than the Rated Power. <sup>(3)</sup> Calculated by Thiele & Small parameters, for SPL average in box refer to frequency response. <sup>(4)</sup> Thiele & Small parameters measured with laser system after preconditioning test. <sup>(5)</sup> Measured with respect to a THD of 10%. <sup>(6)</sup> Value corresponding to a decay of the Force Factor, or Compliance, or both, equal to the 50% of the small signal value. <sup>(7)</sup> Drawing dimensions: mm.