

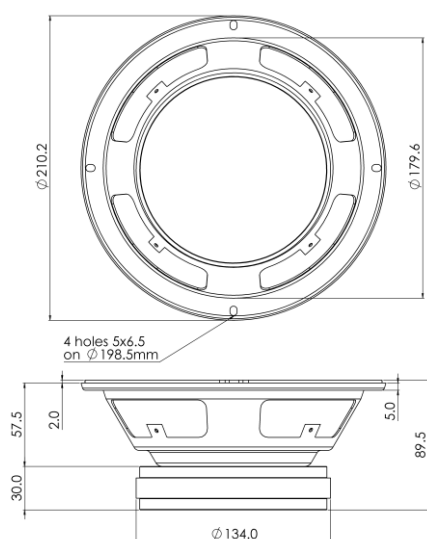
8 E 2 CS 8Ω

Professional

8" | 300 W

Code Z005120

- 2" voice coil Fiberglass former
- DAR** Cloth surround with Double Asymmetric Rolls Technology (DAR)
- Ferrite Magnet Circuit
- VVC** Ventilated Voice Coil to reduce Power Compression
- 94.9 dB sensitivity
- Frequency Range 65-4000 Hz

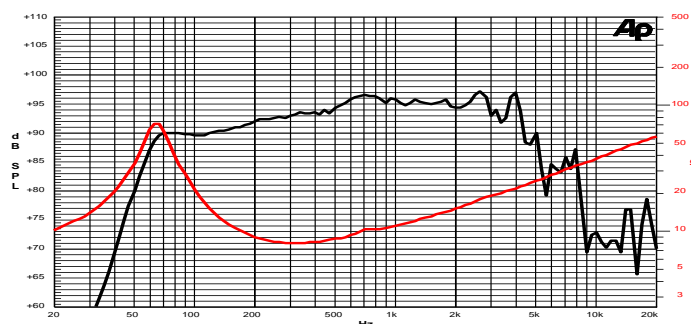


General Specifications

Nominal Diameter	209 mm (8")
Nominal Impedance	8 Ω
Rated Power AES ⁽¹⁾	150 W
Continuous Program Power ⁽²⁾	300 W
Sensitivity @ 1W/1m ⁽³⁾	94.9 dB
Voice Coil Diameter	50 mm (2")
Voice Coil Winding Depth	11 mm
Magnetic Gap Depth	8 mm
Flux Density	1.00 T
Magnet Weight	810 g
Net Weight	2.8 kg

Thiele & Small Parameters⁽⁴⁾

Re	6.1 Ω	Fs	65.3 Hz
Qms	4.13	Qes	0.36
Qts	0.33	Mms	20.4 g
Cms	292 μm/N	Bxl	11.9 Tm
Vas	18.9 l	Sd	213.8 cm ²
X max ⁽⁵⁾	+/-4.0 mm	X var ⁽⁶⁾	+/-7.0 mm
η ₀	1.4 %	Le (1kHz)	0.88 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	Fiberglass
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 ø198,5 mm
Total Depth	89.5 mm

(1) Rated Power measured with 2-hour test with pink noise signal, 6dB crest factor, loudspeaker in free air, power calculated on rated Zmin. (2) Power on Continuous Program is defined as 3dB greater than the Rated Power. (3) Calculated by Thiele & Small parameters, for SPL average in box refer to frequency response. (4) Thiele & Small parameters measured with laser system after preconditioning test. (5) Measured with respect to a THD of 10%. (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.