

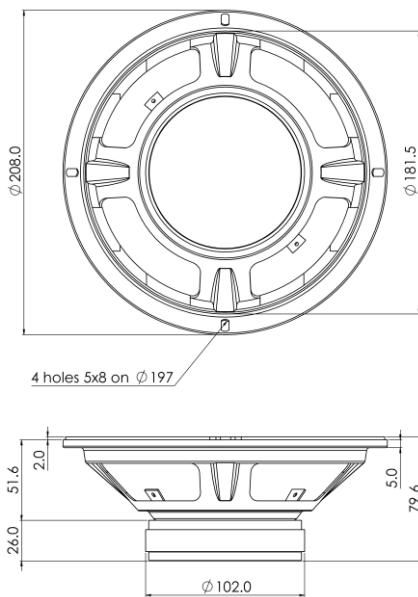
**8 E 1,5 CS 8Ω**

Professional

**8" | 300 W**

Code **Z004641**

- 1,5" voice coil Epotex former
- **DAR** Cloth surround with Double Asymmetric Rolls Technology (DAR)
- Ferrite Magnet Circuit
- 94.6 dB sensitivity
- Frequency Range 75-4000 Hz

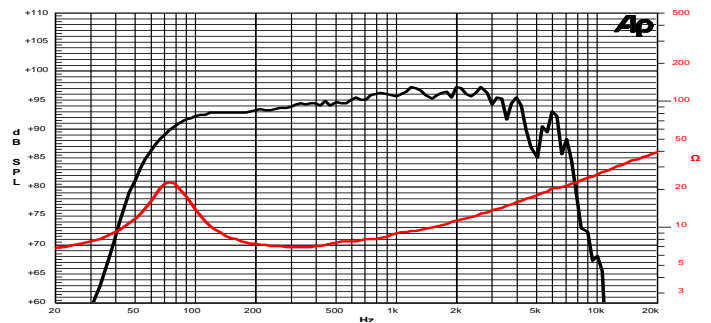


### General Specifications

Nominal Diameter	209 mm (8")	
Nominal Impedance	8 Ω	
Rated Power AES <sup>(1)</sup>	150 W	
Continuous Program Power <sup>(2)</sup>	300 W	
Sensitivity @ 1W/1m <sup>(3)</sup>	94.6 dB	
Voice Coil Diameter	38 mm (1,5")	
Voice Coil Winding Depth	9 mm	
Magnetic Gap Depth	6 mm	
Flux Density	1.05 T	
Magnet Weight	426 g	
Net Weight	1.5 kg	

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

$R_e$	5.1 Ω	$F_s$	75.0 Hz
$Q_{ms}$	2.52	$Q_{es}$	0.73
$Q_{ts}$	0.57	$M_{ms}$	14.5 g
$C_{ms}$	310 μm/N	$B_{xl}$	6.92 Tm
$V_{as}$	20.1 l	$S_d$	213.8 cm <sup>2</sup>
$X_{max}^{(5)}$	+/-3.0 mm	$X_{var}^{(6)}$	+/-4.0 mm
$\eta_0$	1.15 %	$L_e$ (1kHz)	0.59 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	Epotex
Cone Material	Paper
Cone Treatment	No
Surround Material	Treated Cloth
Dust Dome Material	Paper Ogive

### Mounting Information

Overall Diameter	208 mm
Baffle Cutout Diameter	184 mm
Mounting Holes	4 holes 5x8 on ø197 mm
Total Depth	79.6 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.