

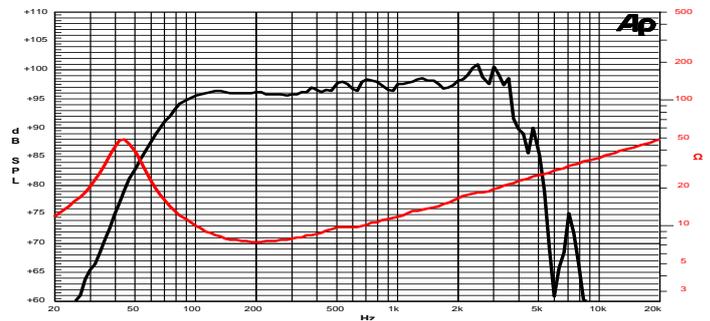
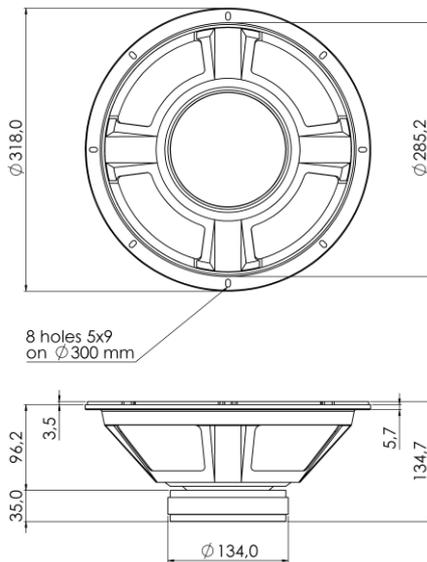
## 12 E 2 CS 8Ω

12" | 400 W

Code Z007660

Professional

- 2" voice coil Aluminium former
- Konex Spider
- Ferrite Magnet Circuit
- VM Ventilated Magnet to reduce Power Compression
- 96.2 dB sensitivity
- Frequency Range 45-3500 Hz



Frequency Response on 45 Lt @ 55 Hz Vented Box @ 1W, 1m  
Free Air Impedance

### General Specifications

Nominal Diameter	318 mm (12")
Nominal Impedance	8 Ω
Rated Power AES <sup>(1)</sup>	200 W
Continuous Program Power <sup>(2)</sup>	400 W
Sensitivity @ 1W/1m <sup>(3)</sup>	96.2 dB
Voice Coil Diameter	50 mm (2")
Voice Coil Winding Depth	13 mm
Magnetic Gap Depth	8 mm
Flux Density	1.10 T
Magnet Weight	1100 g
Net Weight	3.8 kg

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

Re	6.0 Ω	Fs	43.7 Hz
Qms	3.06	Qes	0.43
Qts	0.38	Mms	44.6 g
Cms	297 μm/N	Bxl	13.05 Tm
Vas	101.8 l	Sd	490.9 cm <sup>2</sup>
X max <sup>(5)</sup>	+/-4.0 mm	X var <sup>(6)</sup>	+/-5.0 mm
η <sub>0</sub>	1.9 %	Le (1kHz)	0.82 mH

### Constructive Characteristics

Magnet	Ferrite
Basket Material	Pressed Sheet Steel
Voice Coil Winding Material	Copper
Voice Coil Former Material	Aluminium
Cone Material	Paper
Cone Treatment	No
Surround Material	Treated Cloth
Dust Dome Material	Solid Paper

### Mounting Information

Overall Diameter	318 mm
Baffle Cutout Diameter	287 mm
Mounting Holes	8 holes 5x9 on ø300 mm
Total Depth	134.7 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.