

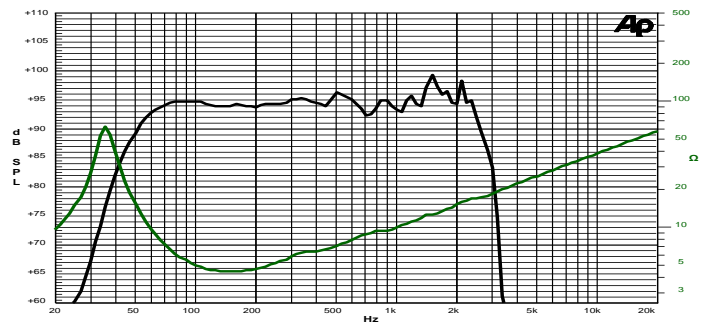
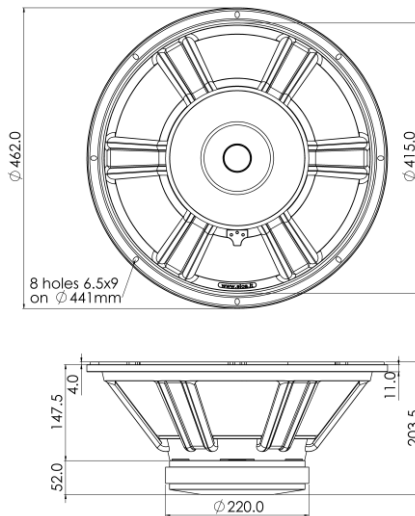
## 18 F 4 CP 4Ω

18" | 1400 W

Code Z008392

Subwoofer

- SNDW** 4" Sandwich voice coil Fiberglass former
- DCS** Double Cross Konex Spider (DCS)
- DAR** Cloth surround with Double Asymmetric Rolls Technology (DAR)
- WpT** Autoclave Waterproof Cone Treatment
- Ferrite** Magnet Circuit
- VMVc** Ventilated Magnet and Voice Coil to reduce Power Compression
- 97.4 dB sensitivity
- Frequency Range 35-2000 Hz



Frequency Response on 150 Lt @ 45 Hz Vented Box @ 1W, 1m  
Free Air Impedance

### General Specifications

Nominal Diameter	463 mm (18")
Nominal Impedance	4 Ω
Rated Power AES <sup>(1)</sup>	700 W
Continuous Program Power <sup>(2)</sup>	1400 W
Sensitivity @ 1W/1m <sup>(3)</sup>	97.4 dB
Voice Coil Diameter	100 mm (4")
Voice Coil Winding Depth	21 mm
Magnetic Gap Depth	10 mm
Flux Density	1.12 T
Magnet Weight	3300 g
Net Weight	13.3 kg

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

Re	3.1 Ω	Fs	37.0 Hz
Qms	6.27	Qes	0.34
Qts	0.32	Mms	203.7 g
Cms	91 μm/N	Bxl	20.86 Tm
Vas	174.8 l	Sd	1164.2 cm <sup>2</sup>
X max <sup>(5)</sup>	+/-9.0 mm	X var <sup>(6)</sup>	+/-12.0 mm
η <sub>o</sub>	2.53 %	Le (1kHz)	1.03 mH

### Constructive Characteristics

Magnet	Ferrite
Basket Material	Aluminium Die-Cast
Voice Coil Winding Material	Copper
Voice Coil Former Material	Fiberglass
Cone Material	Paper
Cone Treatment	Humidity Resistant Pulp
Surround Material	Treated Cloth
Dust Dome Material	Solid Paper

### Mounting Information

Overall Diameter	462 mm
Baffle Cutout Diameter	417 mm
Mounting Holes	8 holes 6,5x9 on ø441 mm
Total Depth	203.5 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.