

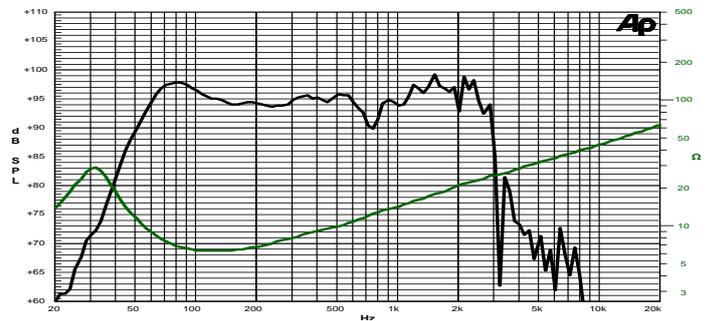
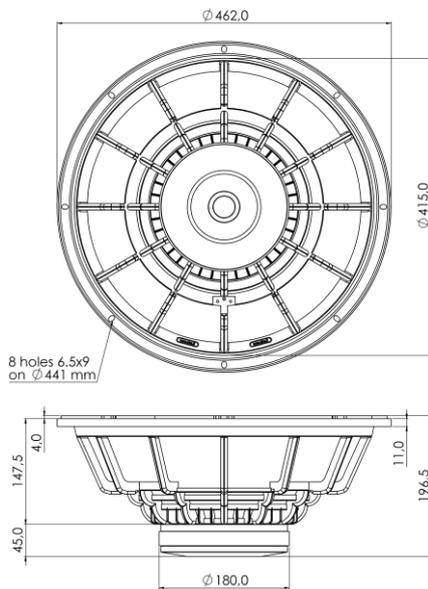
## 18 F 3 CP 8Ω

18" | 800 W

Code Z008362

Subwoofer

- 3"** voice coil Aluminium former
- DAR** Cloth surround with Double Asymmetric Rolls Technology (DAR)
- AWpT** Autoclave Waterproof Cone Treatment
- Ferrite** Magnet Circuit
- VM** Ventilated Magnet to reduce Power Compression
- 96.9 dB** sensitivity
- Frequency Range** 30-700 Hz



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

### General Specifications

Nominal Diameter	462 mm (18")
Nominal Impedance	8 Ω
Rated Power AES <sup>(1)</sup>	400 W
Continuous Program Power <sup>(2)</sup>	800 W
Sensitivity @ 1W/1m <sup>(3)</sup>	96.9 dB
Voice Coil Diameter	75 mm (3")
Voice Coil Winding Depth	20 mm
Magnetic Gap Depth	10 mm
Flux Density	1.08 T
Magnet Weight	1800 g
Net Weight	8.6 kg

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

$R_e$	5.1 Ω	$F_s$	30.8 Hz
$Q_{ms}$	3.05	$Q_{es}$	0.52
$Q_{ts}$	0.45	$M_{ms}$	155 g
$C_{ms}$	177 μm/N	$B_{xl}$	16.9 Tm
$V_{as}$	340.0 l	$S_d$	1164.2 cm <sup>2</sup>
$X_{max}^{(5)}$	+/-6.5 mm	$X_{var}^{(6)}$	+/-10.5 mm
$\eta_0$	1.84 %	$L_e$ (1kHz)	1.41 mH

### Constructive Characteristics

Magnet	Ferrite
Basket Material	Aluminium Die-Cast
Voice Coil Winding Material	Copper
Voice Coil Former Material	Aluminium
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	196.5 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.