

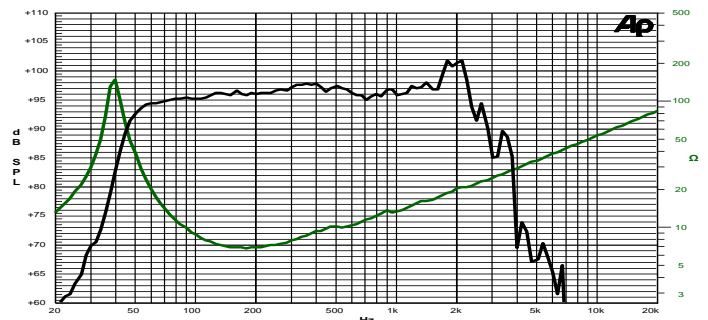
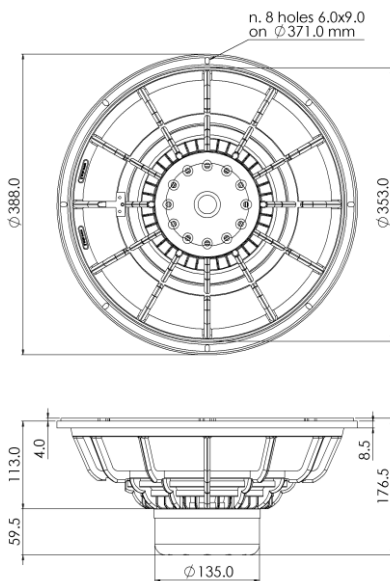
## 15 S 4 PL 8Ω

15" | 2400 W

Code Z008175

Subwoofer

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



Frequency Response on Vented Box @ 1W, 1m  
Free Air Impedance

### General Specifications

Nominal Diameter	388 mm (15")
Nominal Impedance	8 Ω
Rated Power AES <sup>(1)</sup>	1200 W
Continuous Program Power <sup>(2)</sup>	2400 W
Sensitivity @ 1W/1m <sup>(3)</sup>	97.8 dB
Voice Coil Diameter	100 mm (4")
Voice Coil Winding Depth	27 mm
Magnetic Gap Depth	12 mm
Flux Density	1.21 T
Magnet Weight	536 g
Net Weight	7.0 kg

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

$R_e$	5.1 Ω	$F_s$	39.5 Hz
$Q_{ms}$	15.87	$Q_{es}$	0.33
$Q_{ts}$	0.32	$M_{ms}$	132.0 g
$C_{ms}$	123 μm/N	$B_{xl}$	22.52 Tm
$V_{as}$	127.6 l	$S_d$	855.3 cm <sup>2</sup>
$X_{max}^{(5)}$	+/- 10.0 mm	$X_{var}^{(6)}$	+/- 14.0 mm
$\eta_0$	2.30 %	$L_e$ (1kHz)	1.38 mH

### Constructive Characteristics

Magnet	Neodymium
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	388 mm
Baffle Cutout Diameter	355 mm
Mounting Holes	8 holes 6x9 on ø371 mm
Total Depth	176.8 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.