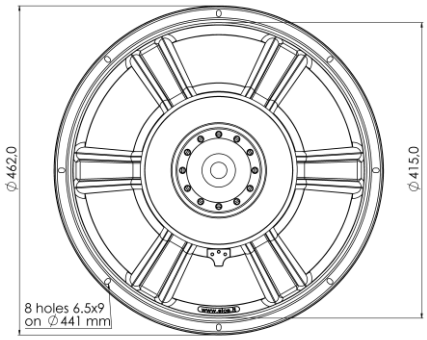
18 PFS 4 4Ω

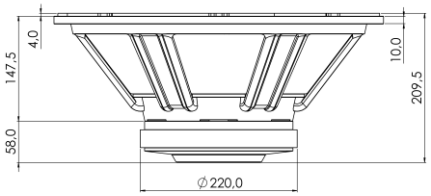
Subwoofer

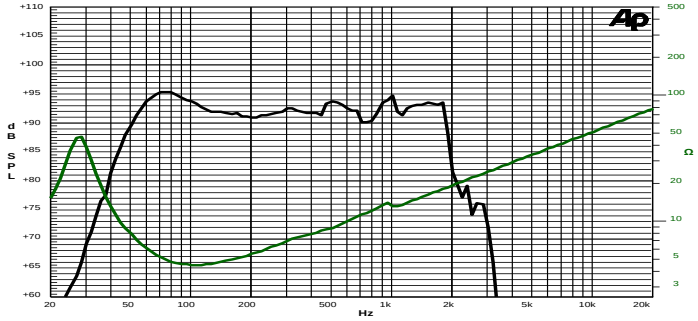
18″ | 2400 W

Code Z008393

- SNDW 4” Sandwich voice coil Fiberglass former
- DCS Double Cross Konex Spider (DCS)
- TR Triple Roll Cloth surround
- TWpT Total Waterproof Cone Treatment
- HeF High Excursion Ferrite Magnet Circuit
- VMVc Ventilated Magnet and Voice Coil to reduce Power Compression
- 95.3 dB sensitivity
- Frequency Range 30-2000 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 (1)	1200 W
Continuous Program Power (2)	2400 W
Sensitivity @ 1W/1m (3)	95.3 dB
Voice Coil Diameter	100 mm (4")
Voice Coil Winding Depth	30 mm
Magnetic Gap Depth	12 mm
Flux Density	1.05 T
Magnet Weight	3300 g
Net Weight	13.0 kg

Thiele & Small Parameters (4)

Re	3.1 Ω	*Fs*	29.0 Hz
Qms	5.30	*Qes*	0.35
Qts	0.33	*Mms*	238.2 g
Cms	126 µm/N	*Bxl*	19.72 Tm
Vas	241.6 l	*Sd*	1164.2 cm^2
X max(5)	+/-9.0 mm	*X var* (6)	+/-10.0 mm
η_0	1.61 %	*Le (1kHz)*	1.38 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	Total Waterproof Treatment
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	209.5 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.