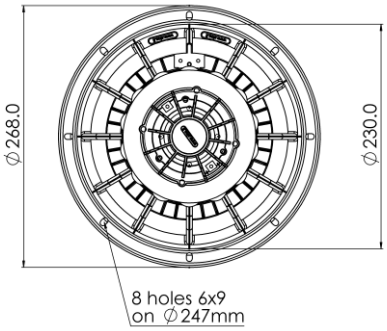
10 Cx 3 PL 8+8Ω

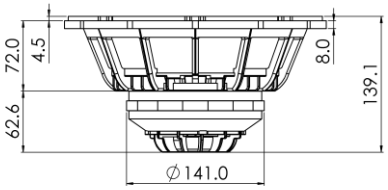
Coaxial

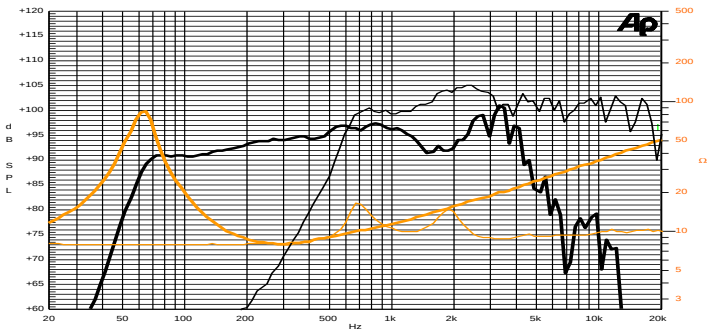
10" | 800 W

Code Z005839P-8+8

- SNDW LF 3" Sandwich voice coil Fiberglass former and Aluminium Winding
- HF Polyimide dome 1,7" voice coil Flat Aluminium wire
- DAR Cloth surround with Double Asymmetric Rolls Technology (DAR)
- WpT Waterproof Cone Treatment
- Neodymium Magnet Circuit
- 100° nominal coverage
- 97.2 dB sensitivity
- Frequency Range 60-20000 Hz







Frequency Response on 35 Lt @ 60 Hz Vented Box @ 1W, 1m
Free Air Impedance

General Specifications	LF Unit	HF Unit
Nominal Diameter	268 mm (10")	
Nominal Impedance	8 Ω	8 Ω
Rated Power AES (1)	400 W	60 W
Continuous Program Power (2)	800 W	120 W
Sensitivity @ 1W/1m (3)	97.2 dB	102.1 dB
Voice Coil Diameter	75 mm (3 in)	44 mm (1.7 in)
Voice Coil Winding Depth	17 mm	2.6 mm
Magnetic Gap Depth	10 mm	3 mm
HF Recomm. Crossover Frequency		1.6 kHz
Magnet Weight	532 g	
Net Weight	4.3 kg	

Thiele & Small Parameters (4)			
Re (LF)	5.7 Ω	*Fs (LF)*	59.0 Hz
Re (HF)	6.0 Ω	*Fs (HF)*	700 Hz
Qms	4.13	*Qes*	0.31
Qts	0.29	*Mms*	34.3 g
Cms	212 µm/N	*Bxl*	15.32 Tm
Vas	36.1 l	*Sd*	346.4 cm^2
X max (5)	+/-6.0 mm	*X var* (6)	+/-8.0 mm
η_0	2.32 %	*Le (1kHz)*	0.84 mH

Constructive Characteristics	
Magnet	Neodymium
Basket Material	Aluminium Die-Cast
LF Voice Coil Winding/Former Material	Aluminium / Fiberglass
HF Voice Coil Winding/Former Material	Aluminium Flat Wire / Kapton
LF Cone Material	Paper
HF Dome Material	Polyimide
Surround Material	Treated Cloth
HF Spare Part Code	Z009396P-FI

Mounting Information	
Overall Diameter	268 mm
Baffle Cutout Diameter	232 mm
Mounting Holes	8 holes 6x9 on ø247 mm
Total Depth	139.1 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.