

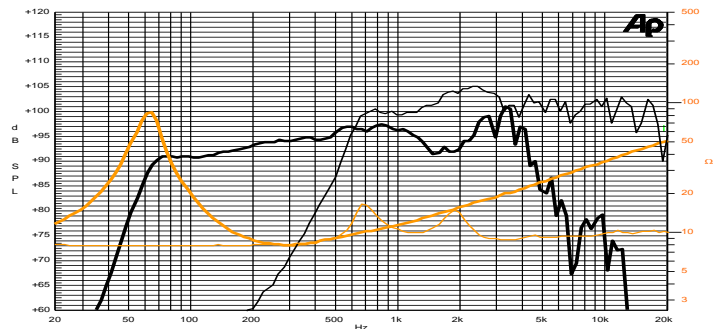
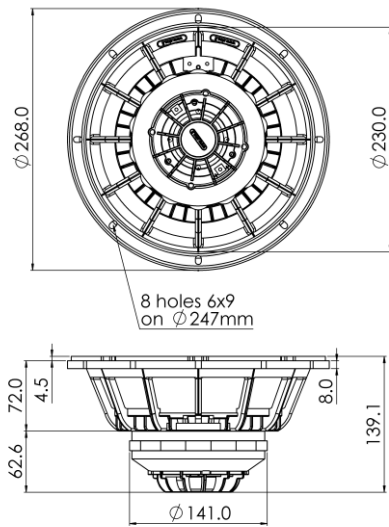
## 10 Cx 3 PL 8+8Ω

10" | 800 W

Code Z005839P-8+8

Coaxial

- 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 <sup>(1)</sup>	400 W	60 W
Continuous Program Power <sup>(2)</sup>	800 W	120 W
Sensitivity @ 1W/1m <sup>(3)</sup>	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<sup>(4)</sup>

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 <sup>2</sup>
X max <sup>(5)</sup>	+/-6.0 mm	X var <sup>(6)</sup>	+/-8.0 mm
η <sub>o</sub>	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.

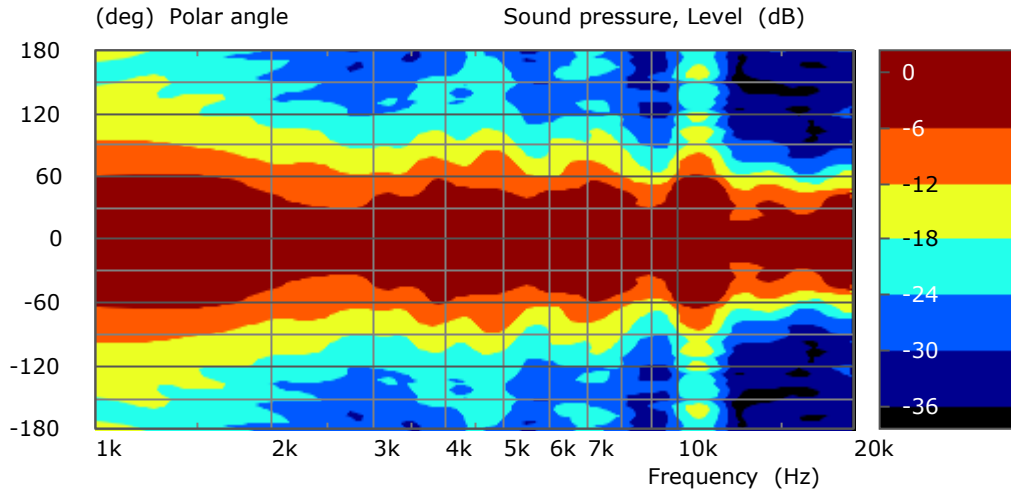
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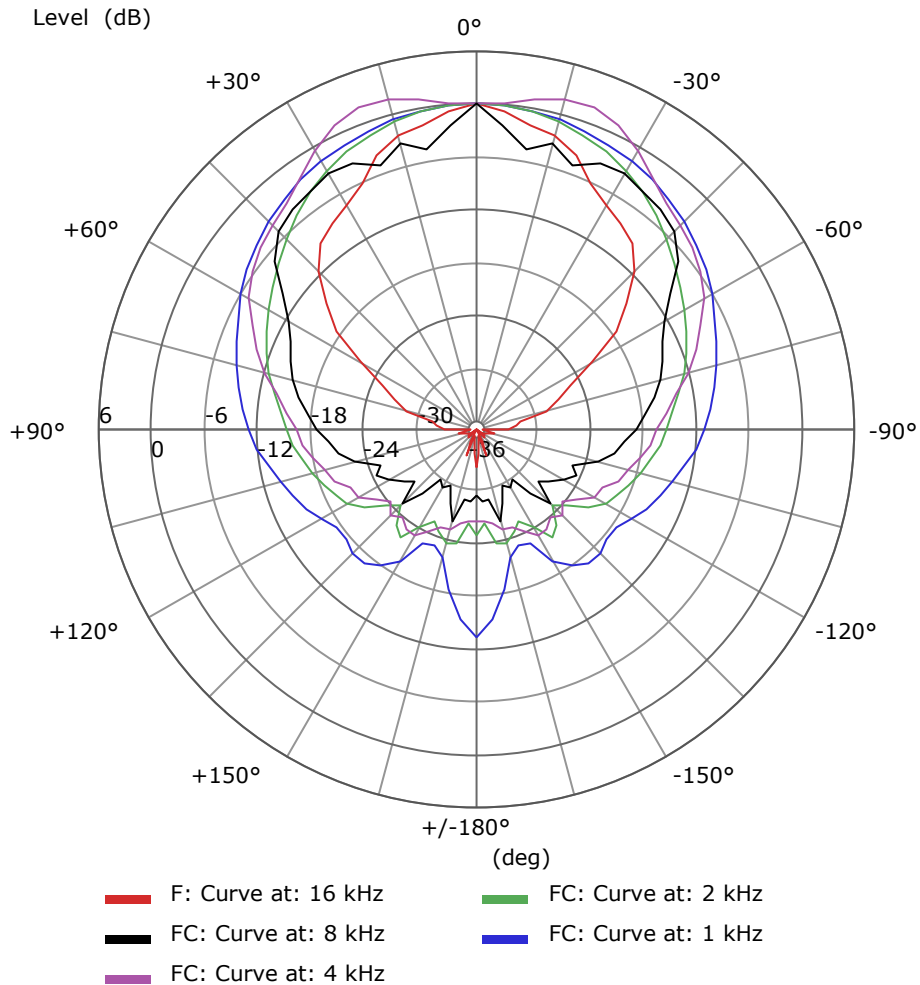
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Z005839p-8+8 - Polar diagrams



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