

10 L 2,5 SL 8Ω

10" | 600 W

Code Z006900C

Professional

SNDW 2,5" Sandwich voice coil Fiberglass former and Aluminium Winding

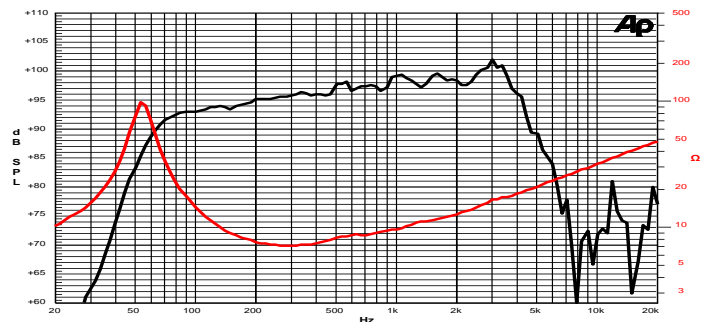
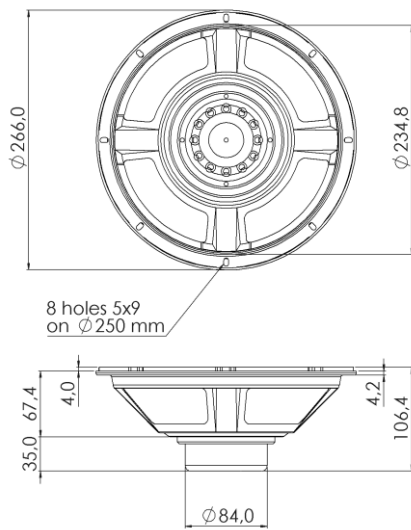
Cloth surround

Neodymium Magnet Circuit

Ventilated Magnet and Voice Coil to reduce Power Compression

96.7 dB sensitivity

Frequency Range 55-4000 Hz



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

General Specifications

Nominal Diameter	266 mm (10")
Nominal Impedance	8 Ω
Rated Power AES ⁽¹⁾	300 W
Continuous Program Power ⁽²⁾	600 W
Sensitivity @ 1W/1m ⁽³⁾	96.7 dB
Voice Coil Diameter	65 mm (2,5")
Voice Coil Winding Depth	15 mm
Magnetic Gap Depth	8 mm
Flux Density	1.11 T
Magnet Weight	220 g
Net Weight	2.0 kg

Thiele & Small Parameters⁽⁴⁾

Re	5.6 Ω	Fs	54.0 Hz
Qms	5.73	Qes	0.34
Qts	0.32	Mms	30.1 g
Cms	289 μm/N	Bxl	12.89 Tm
Vas	44.6 l	Sd	330.1 cm ²
X max ⁽⁵⁾	+/-4.0 mm	X var ⁽⁶⁾	+/-5.0 mm
η ₀	1.97 %	Le (1kHz)	0.64 mH

Constructive Characteristics

Magnet	Neodymium
Basket Material	Pressed Sheet Steel
Voice Coil Winding Material	Aluminium
Voice Coil Former Material	Fiberglass
Cone Material	Paper
Cone Treatment	No
Surround Material	Treated Cloth
Dust Dome Material	Solid Paper

Mounting Information

Overall Diameter	266 mm
Baffle Cutout Diameter	237 mm
Mounting Holes	8 holes 5x9 on ø250 mm
Total Depth	106.4 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.