

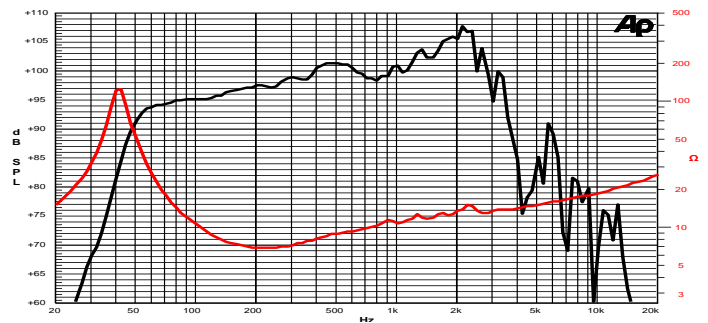
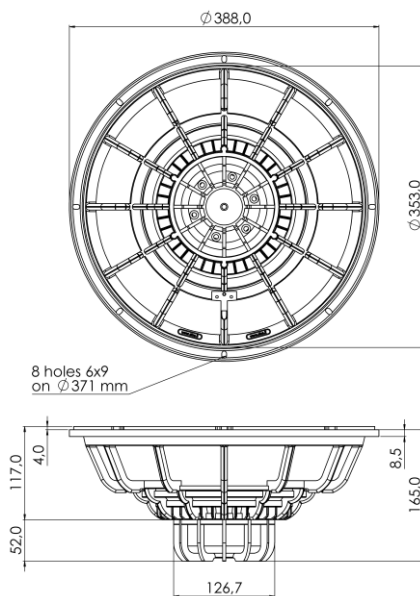
15 K 3 PL 8Ω

15" | 800 W

Code Z008331

Professional

- SNDW** 3" Sandwich voice coil Kapton former
- PS** Konex Spider with Progressive Waves
- DAR** Cloth surround with Double Asymmetric Rolls Technology (DAR)
- AWpT** Autoclave Waterproof Cone Treatment
- CDR** Balanced Neodymium Magnet Circuit with Copper Demodulating Ring
- VMVc** Ventilated Magnet and Voice Coil to reduce Power Compression
- 99.7 dB sensitivity
- Frequency Range 40-2000 Hz



Frequency Response on 90 Lt @ 48 Hz Vented Box @ 1W, 1m
Free Air Impedance

General Specifications

Nominal Diameter	388 mm (15")
Nominal Impedance	8 Ω
Rated Power AES ⁽¹⁾	400 W
Continuous Program Power ⁽²⁾	800 W
Sensitivity @ 1W/1m ⁽³⁾	99.7 dB
Voice Coil Diameter	75 mm (3")
Voice Coil Winding Depth	20 mm
Magnetic Gap Depth	10 mm
Flux Density	1.42 T
Magnet Weight	560 g
Net Weight	4.0 kg

Thiele & Small Parameters ⁽⁴⁾

R_e	5.2 Ω	F_s	40.0 Hz
Q_{ms}	8.31	Q_{es}	0.28
Q_{ts}	0.27	M_{ms}	99.0 g
C_{ms}	160 μm/N	B_{xl}	21.40 Tm
V_{as}	166.1 l	S_d	855.3 cm ²
$X_{max}^{(5)}$	+/-6.5 mm	$X_{var}^{(6)}$	+/-11.0 mm
η_0	3.66 %	L_e (1kHz)	0.60 mH

Constructive Characteristics

Magnet	Neodymium
Basket Material	Aluminium Die-Cast
Voice Coil Winding Material	Copper
Voice Coil Former Material	Kapton
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	4 holes 6x9 on ø371 mm
Total Depth	169 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.