

5 N 1,5 PL 8Ω

Professional

5" | 260 W

Code Z002647

1,5" voice coil Kapton former and Aluminium Winding

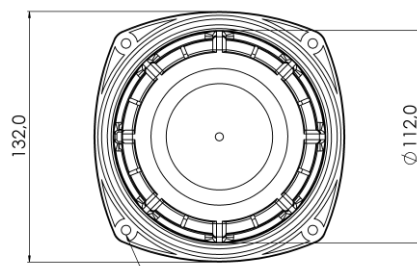
TWP Total Waterproof Cone Treatment

Neodymium Magnet Circuit

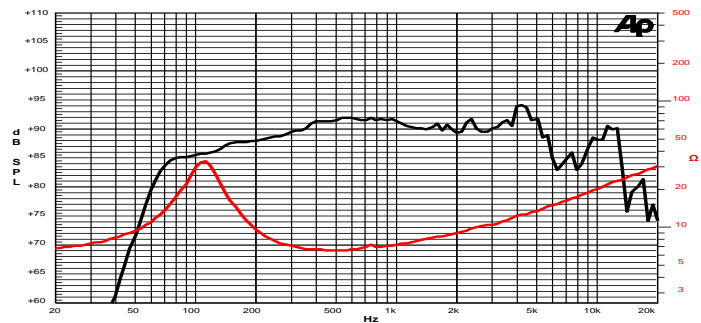
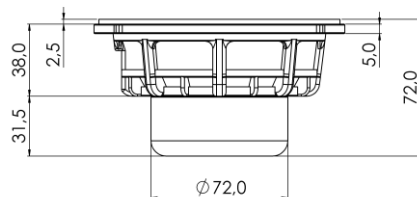
VVC Ventilated Voice Coil to reduce Power Compression

90.7 dB sensitivity

Frequency Range 100-5000 Hz



4 holes $\varnothing 5$
on $\varnothing 139$ mm



Frequency Response on 10 Lt @ 75 Hz Vented Box @ 1W, 1m
Free Air Impedance

General Specifications

Nominal Diameter	132 mm (5")
Nominal Impedance	8 Ω
Rated Power AES ⁽¹⁾	130 W
Continuous Program Power ⁽²⁾	260 W
Sensitivity @ 1W/1m ⁽³⁾	90.7 dB
Voice Coil Diameter	38 mm (1,5")
Voice Coil Winding Depth	12 mm
Magnetic Gap Depth	6 mm
Flux Density	1.14 T
Magnet Weight	98 g
Net Weight	0.8 kg

Thiele & Small Parameters ⁽⁴⁾

Re	5.6 Ω	Fs	111.5 Hz
Qms	2.95	Qes	0.64
Qts	0.52	Mms	7.6 g
Cms	268 $\mu\text{m}/\text{N}$	Bxl	6.83 Tm
Vas	2.3 l	Sd	78.54 cm ²
X max ⁽⁵⁾	+/-4.0 mm	X var ⁽⁶⁾	+/-5.0 mm
η_0	0.49 %	Le (1kHz)	0.31 mH

Constructive Characteristics

Magnet	Neodymium
Basket Material	Aluminium Die-Cast
Voice Coil Winding Material	Aluminium
Voice Coil Former Material	Kapton
Cone Material	Paper
Cone Treatment	Total Waterproof Treatment
Surround Material	Treated Cloth
Dust Dome Material	Treated Cloth

Mounting Information

Overall Diameter	132 mm
Baffle Cutout Diameter	113 mm
Mounting Holes	4 holes $\varnothing 5$ on $\varnothing 139$ mm
Total Depth	72 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.