

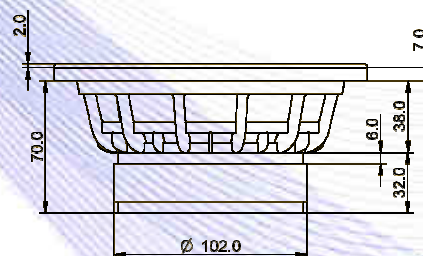
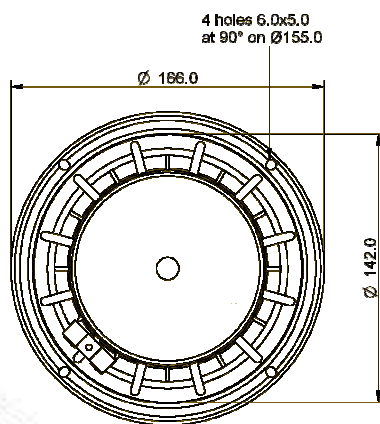
- 1.5" voice coil Kapton former
- Progressive wave spider
- Rubber surround with DAR technology
- Cone waterproof treatment
- Ferrite magnet circuit
- 89.2 dB sensitivity



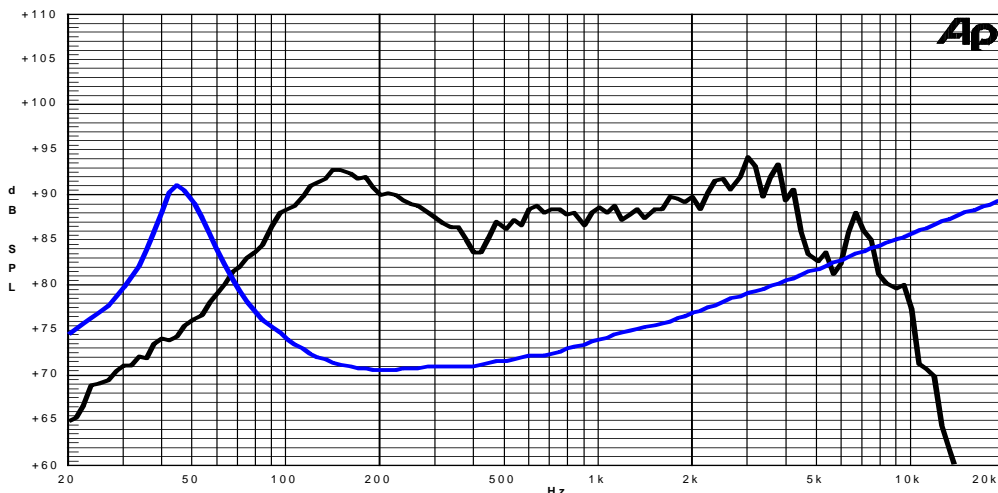
Specifications	
Nominal Diameter	166mm (6")
Nominal Impedance	8Ω
Rated Power AES <sup>(1)</sup>	100W
Continuous Program Power <sup>(2)</sup>	200W
Sensitivity @ 1W/1m <sup>(3)</sup>	89.2dB
Voice Coil Diameter	38mm (1,5")
Voice Coil Winding Depth	15mm
Magnetic Gap Depth	6mm
Flux Density	0.98T
Magnet Weight	515g
Net Weight	1.6kg

Thiele & Small Parameters <sup>(4)</sup>			
Re	6.20Ω	Fs	47.5Hz
Qms	4.36	Qes	0.42
Qts	0.38	Mms	14.9g
Cms	755µm/N	Bxl	8.09Tm
Vas	16.1l	Sd	122.7cm <sup>2</sup>
X max <sup>(5)</sup>	+/-4.5mm	X var <sup>(6)</sup>	+/-8.1mm
η <sub>0</sub>	0.39%	Le (1kHz)	0.95mH

Constructive Characteristics	
Magnet	: Ferrite
Basket Material	: Aluminium Die-Cast
Voice Coil Winding Material	: Copper
Voice Coil Former Material	: Kapton
Cone Material	: Paper
Cone Treatment	: Surface Waterproof Treatment
Surround Material	: Rubber
Dust Dome Material	: PolyPropylene



Frequency Response on IEC Baffle (DIN 45575) @ 1W,1m – Free Air Impedance



- Note:
- 1 : Rated Power measured with 2 hours test with pink noise signal, 6dB crest factor, loudspeaker mounted on enclosure
  - 2: Power on Continuous Program is defined as 3 dB greater than the Rated Power
  - 3: Calculated by Thiele & Small parameters
  - 4: Thiele & Small parameters measured with laser system without preconditioning test
  - 5: Measured with respect to a THD of 10% using a parameter-based method
  - 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
  - 8: The notch around 400Hz on the frequency response is typical of the measurement on IEC baffle