

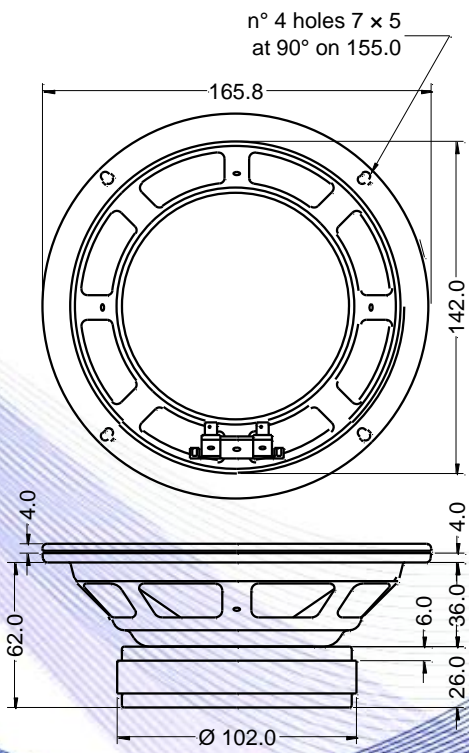
- 1.5" voice coil aluminium former
- Dual cone
- Ferrite magnet with copper ring
- 91.2 dB sensitivity



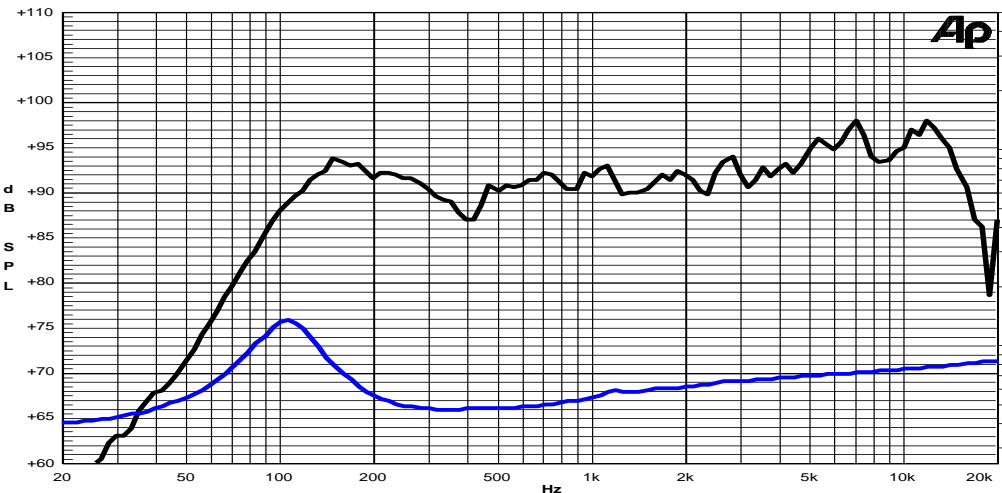
| Specifications                          |             |
|---|-------------|
| Nominal Diameter                        | 165mm (6")  |
| Nominal Impedance                       | 4Ω          |
| Rated Power AES <sup>(1)</sup>          | 80W         |
| Continuous Program Power <sup>(2)</sup> | 160W        |
| Sensitivity @ 1W/1m <sup>(3)</sup>      | 91.2dB      |
| Voice Coil Diameter                     | 38mm (1.5") |
| Voice Coil Winding Depth                | 9mm         |
| Magnetic Gap Depth                      | 6mm         |
| Flux Density                            | 0.95T       |
| Magnet Weight                           | 426g        |
| Net Weight                              | 1.4kg       |

| Thiele & Small Parameters <sup>(4)</sup> |          |                      |                      |
|--|----------|----------------------|----------------------|
| Re                                       | 3.03Ω    | Fs                   | 105.4Hz              |
| Qms                                      | 2.04     | Qes                  | 0.70                 |
| Qts                                      | 0.52     | Mms                  | 13.1g                |
| Cms                                      | 174μm/N  | Bxl                  | 6.14Tm               |
| Vas                                      | 3.7l     | Sd                   | 122.7cm <sup>2</sup> |
| X max <sup>(5)</sup>                     | +/-1.6mm | X var <sup>(6)</sup> | +/-4.1mm             |
| η <sub>0</sub>                           | 0.60%    | Le (1kHz)            | 0.18mH               |

| Constructive Characteristics |                       |
|------------------------------|-----------------------|
| Magnet                       | : Ferrite             |
| Basket Material              | : Pressed Sheet Steel |
| Voice Coil Winding Material  | : Copper              |
| Voice Coil Former Material   | : Aluminium           |
| Cone Material                | : Paper               |
| Cone Treatment               | : No                  |
| Surround Material            | : Treated Cloth       |
| Dust Dome Material           | : Treated Cloth       |



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