# 6" 100W

**Code Z003930**

# 6 C 1 CS 4Ω

**Coaxial**

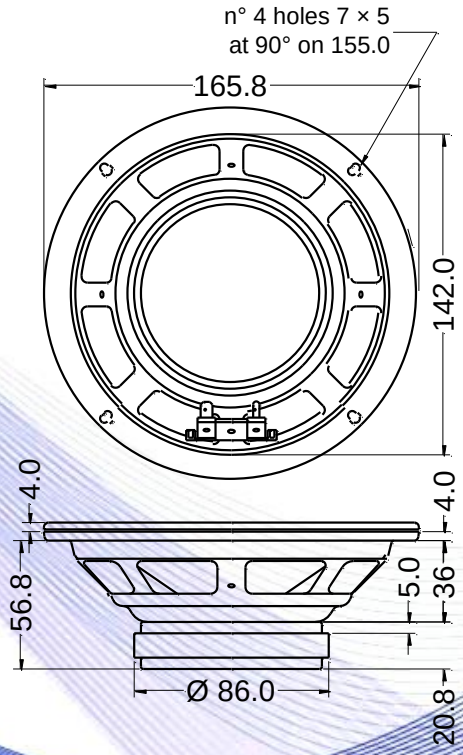
- 1” voice coil Epotex former
- Cone waterproof treatment
- Ferrite magnet
- Coaxial dome tweeter
- 90.4 dB sensitivity

| Specifications | |
|---|---|
| Nominal Diameter | 165mm (6") |
| Nominal Impedance | 4Ω |
| Rated Power AES (1) | 50W |
| Continuous Program Power (2) | 100W |
| Sensitivity @ 1W/1m (3) | 90.4dB |
| Woofer Voice Coil Diameter | 25mm (1") |
| Woofer Flux Density | 1.10T |
| Woofer Magnet Weight | 270g |
| Net Weight | 0.8kg |

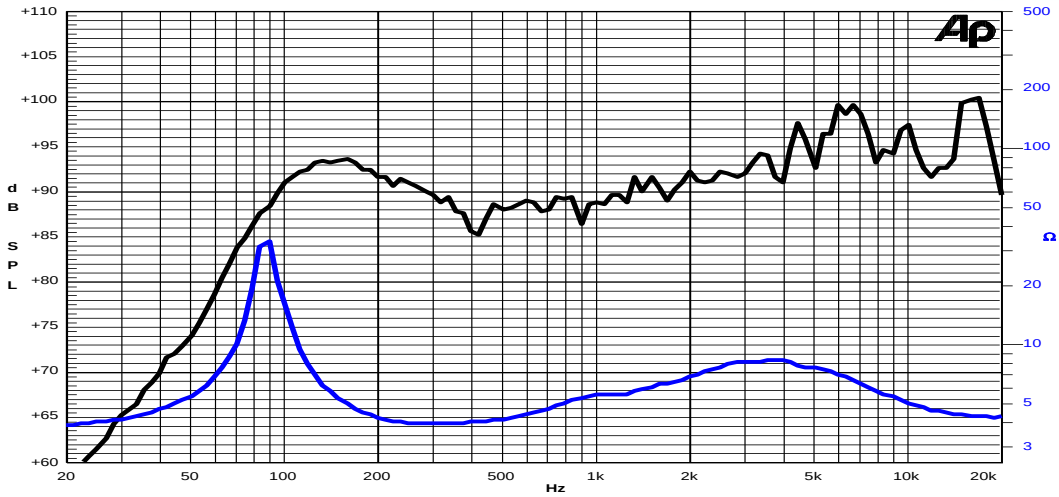
| Thiele & Small Parameters (4) | | | |
|---|---|---|---|
| Re | 3.12Ω | Fs | 85.4Hz |
| Qts | 0.69 | Mms | 11.3g |
| Cms | 306µm/N | Bxl | 4.99Tm |
| Vas | 6.5l | Sd | 122.7cm$^2$ |
| X max(5) | +/-2.5mm | X var (6) | +/-5.0mm |

| Woofer Constructive Characteristics | |
|---|---|
| Magnet | : Ferrite |
| Basket Material | : Pressed Sheet Steel |
| Cone Material | : Paper |
| Surround Material | : Rubber |

| Tweeter Constructive Characteristics | |
|---|---|
| Type | : Dome Tweeter |
| Dome Meterial | : Macrofol |
| Magnet | : Neodymium |
| Nominal Radiating Diameter | : 25mm |
| Nominal Voice Coil Diameter | : 13mm |
| Ferrofluid in Air Gap | : Yes |




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*

*Due to continuing product improvement, the features and the design are subject to change without notice.* 29/09/16

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