

Mid-woofer

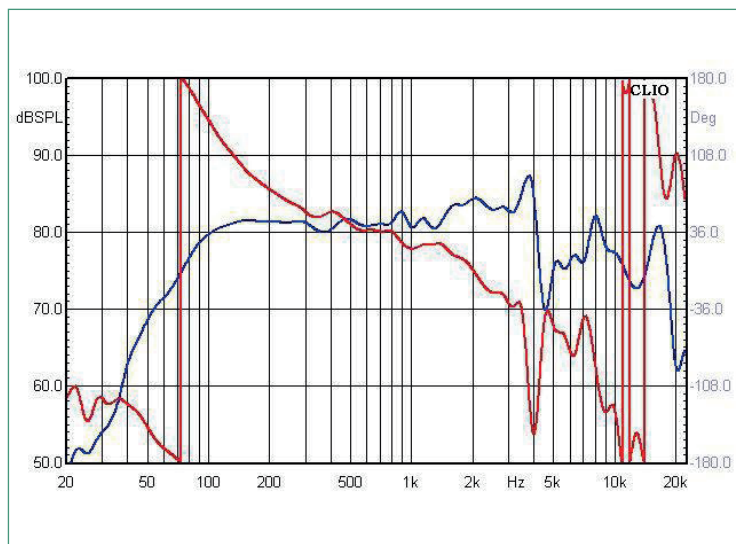
# W115-8

## Features

- 115mm 8  $\Omega$  loudspeaker
- great audio fidelity and superior price
- stamped steel frame with profile lip
- designed for front mounting or countersinking
- coated paper cone
- smooth frequency response and linear roll-off
- simplify filter design



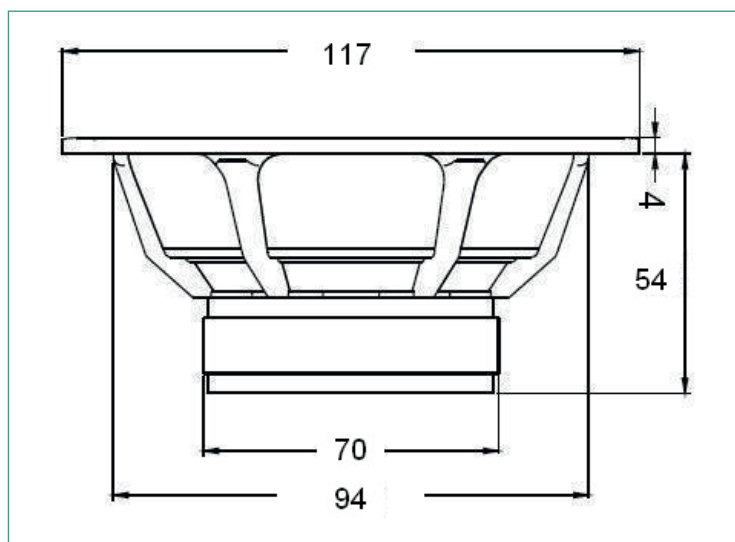
## Frequency response (0° & 30°), Impedance curve



## Technical specifications

|                        |            |
|------------------------|------------|
| Frequency range        | Hz         |
| Nominal impedance      | 8 $\Omega$ |
| Music (W)              | 130        |
| Nominal (W)            | 40         |
| Cone                   | Paper      |
| Surround material      | Rubber     |
| Basket material        | Steel      |
| Magnet material        | Ferrite    |
| Outside diameter       | 116 mm     |
| Build in hole diameter | –          |
| Build in depth         | –          |
| SPL (1W/1M)            | 86         |

## Mechanical drawing



## Thiele and Small parameters

|       | Value | Symbol     |
|-------|-------|------------|
| $f_s$ | 86    | Hz         |
| VAS   | 2,46  | L          |
| QMS   | 2,85  | –          |
| QES   | 0,9   | –          |
| QTS   | 0,42  | –          |
| $R_e$ | 6,5   | $\Omega$   |
| LE    | –     | VC/mH      |
| BL    | –     | (NA) (F/l) |