

## MS 3

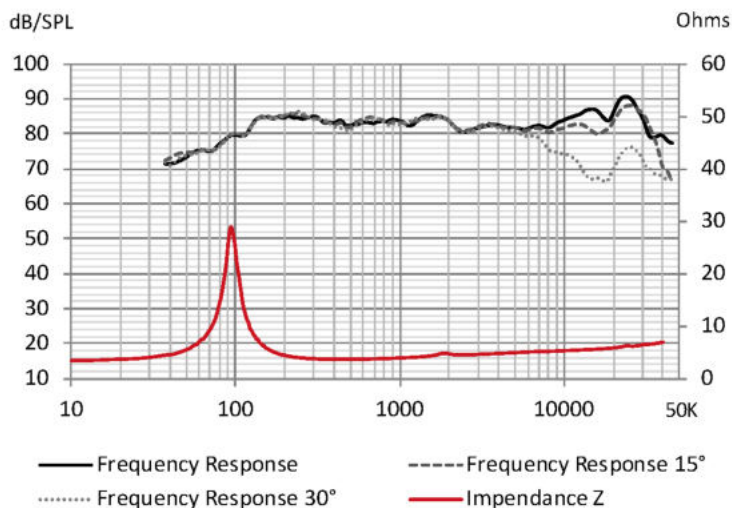
### EXTENDED FREQUENCY SPEAKER

- Full-range driver 3" (80mm)
- Max. power: 100 W / Nom. power: 25 W
- Frequency response 120 Hz - 32 KHz
- Impedance 3 Ohms

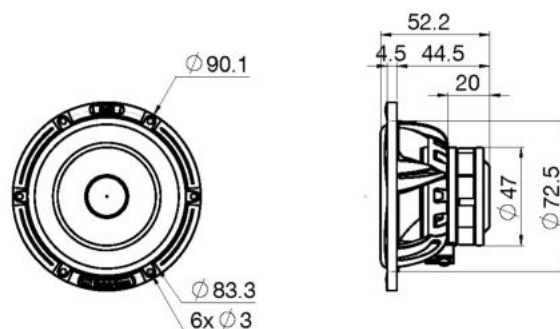
Die cast aluminium basket - Ultra rigid carbon fiber cone - NBR surround - Long life «conex» Damper - 20 mm Voice coil - Fiber glass former - Oversized neodymium Multi-Stick magnetic motor - Aluminium phase plug - Paired products to +/- 1dB.

| Component                     | Midrange        |                    |
|-------------------------------|-----------------|--------------------|
| Max power                     | 100 W           |                    |
| Nominal power                 | 25 W            |                    |
| Impedance                     | 3 $\Omega$      |                    |
| Freq. Response                | 120 Hz - 32 KHz |                    |
| Sensitivity (2,83V/1m)        | 88 dB           |                    |
| Magnet                        | Neodymium       |                    |
| Magnet size $\varnothing$ x h | 8x 9 x 10 mm    | 8x 0.354" x 0.394" |
| Total driver displacement     | 0.060 l         | 0.002 cf           |
| Weight of one component       | 0.328 kg        | 0.723 lb           |
| Voice coil $\varnothing$      | 20 mm           | 0.787"             |
| Voice coil height             | 6 mm            | 0.236"             |
| Cone                          | Carbon fiber    |                    |

### FREQUENCY RESPONSE / IMPEDANCE



Unit : mm



### THIELE-SMALL PARAMETERS

|                             |                        |
|-----------------------------|------------------------|
| Effective $\varnothing$ (d) | 61 mm                  |
| Sd                          | 29.22 cm <sup>2</sup>  |
| Xmax                        | 1 mm                   |
| Re                          | 3.44 $\Omega$          |
| Fs                          | 94.82 Hz               |
| Le                          | 16.11 $\mu$ H @1 kHz   |
| L2                          | 186.90 $\mu$ H @10 kHz |
| Vas                         | 1.47 L                 |
| Mms                         | 2.3 g                  |
| Cms                         | 0.001227 m/N           |
| BL                          | 2.52 Tm                |
| Qts                         | 0.65                   |
| Qes                         | 0.74                   |
| Qms                         | 5.44                   |
| Sensitivity (dB/W/m)        | 84.1 dB                |