# 5FCX44 8 Ω

- 200 W continuous program power capacity
- 70° nominal coverage
- 60 - 18000 Hz response
- 91 dB sensitivity
- 19 mm (3/4”) HF unit exit diameter

**B&C Speakers S.p.A.** Via Poggiomoro, 1 - Loc. Vallina, 50012 Bagno a Ripoli (FI) | ITALY
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## GENERAL

| | |
|---|---|
| Nominal Diameter | **127 mm (5 in)** |
| Nominal Impedance | **8 Ω** |
| Frequency Range | **60 Hz - 18000 Hz** |
| Dispersion Angle<br>Included by –6 dB down points. | **70 °** |

## PARAMETERS

| | |
|---|---|
| Fs | **61 Hz** |
| Re | **5.6 Ω** |
| Qes | **0.25** |
| Qms | **7.8** |
| Qts | **0.25** |
| Vas | **7 dm³ (0.25 ft³)** |
| Sd | **95 cm² (14.7 in²)** |
| η0 | **0.6 %** |
| Xvar | **5 mm** |
| Mms | **12 g** |
| Bl | **10.5 Tm** |
| Le | **0.8 mH** |
| EBP | **244 Hz** |

## SPECIFICATIONS HF UNIT

| | |
|---|---|
| Nominal Diameter | **127 mm (5 in)** |
| Nominal Impedance | **8 Ω** |
| Minimum Impedance | **6.5 Ω** |
| Nominal Power Handling<br>2 hour test made with continuous pink noise signal within the range from the recommended crossover frequency to 20 kHz. Power calculated on rated minimum impedance. Loudspeaker in free air. | **10 W** |
| Continuous Power Handling<br>Power on Continuous Program is defined as 3 dB greater than the Nominal rating. | **20 W** |
| Sensitivity<br>Applied RMS Voltage is set to 2.83V. | **107.5 dB** |
| Recommended Crossover<br>12 dB/oct. or higher slope high-pass filter. | **2.5 kHz** |
| Voice Coil Diameter | **25 mm (1 in)** |
| Winding Material | **Aluminium** |
| Inductance | **0.1 mH** |
| Flux Density | **1.65 T** |
| Diaphragm Material | **Polyester** |

## SPECIFICATIONS LF UNIT

| | |
|---|---|
| Nominal Diameter | **127 mm (5 in)** |
| Nominal Impedance | **8 Ω** |
| Minimum Impedance | **6.5 Ω** |
| Nominal Power Handling<br>2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air. | **100 W** |
| Continuous Power Handling<br>Power on Continuous Program is defined as 3 dB greater than the Nominal rating. | **200 W** |
| Sensitivity<br>Applied RMS Voltage is set to 2.83V. | **91 dB** |
| Voice Coil Diameter | **44 mm (1.7 in)** |
| Winding Material | **Copper** |
| Former Material | **Kapton** |
| Winding Depth | **9 mm (0.35 in)** |
| Magnetic Gap Depth | **6 mm (0.24 in)** |
| Flux Density | **1.07 T** |
| Woofer Cone Treatment | **WP Waterproof Front Side** |

## DESIGN

| | |
|---|---|
| Magnet Material | **Ferrite (LF) - Neodym. Ring (HF)** |
| Woofer Cone Treatment | **WP Waterproof Front Side** |

## MOUNTING AND SHIPPING INFO

| | |
|---|---|
| Overall Diameter | **136 mm (5.35 in)** |
| Bolt Circle Diameter | **142 mm (5.6 in)** |
| Baffle Cutout Diameter | **122 mm (4.8 in)** |
| Depth | **110 mm (4.33 in)** |
| Flange and Gasket Thickness | **8 mm (0.31 in)** |
| Net Weight | **1.85 kg (4.1 lb)** |
| Shipping Units | **1 pcs** |
| Shipping Weight | **2.3 kg (5.07 lb)** |
| Shipping Box | **255x255x150 mm (10.04x10.04x5.91 in)** |

## SERVICE KITS

| | |
|---|---|
| HF replacement-diaphragm | **MMDDE58** |
| LF recone-kits | **RCK005FCX448** |



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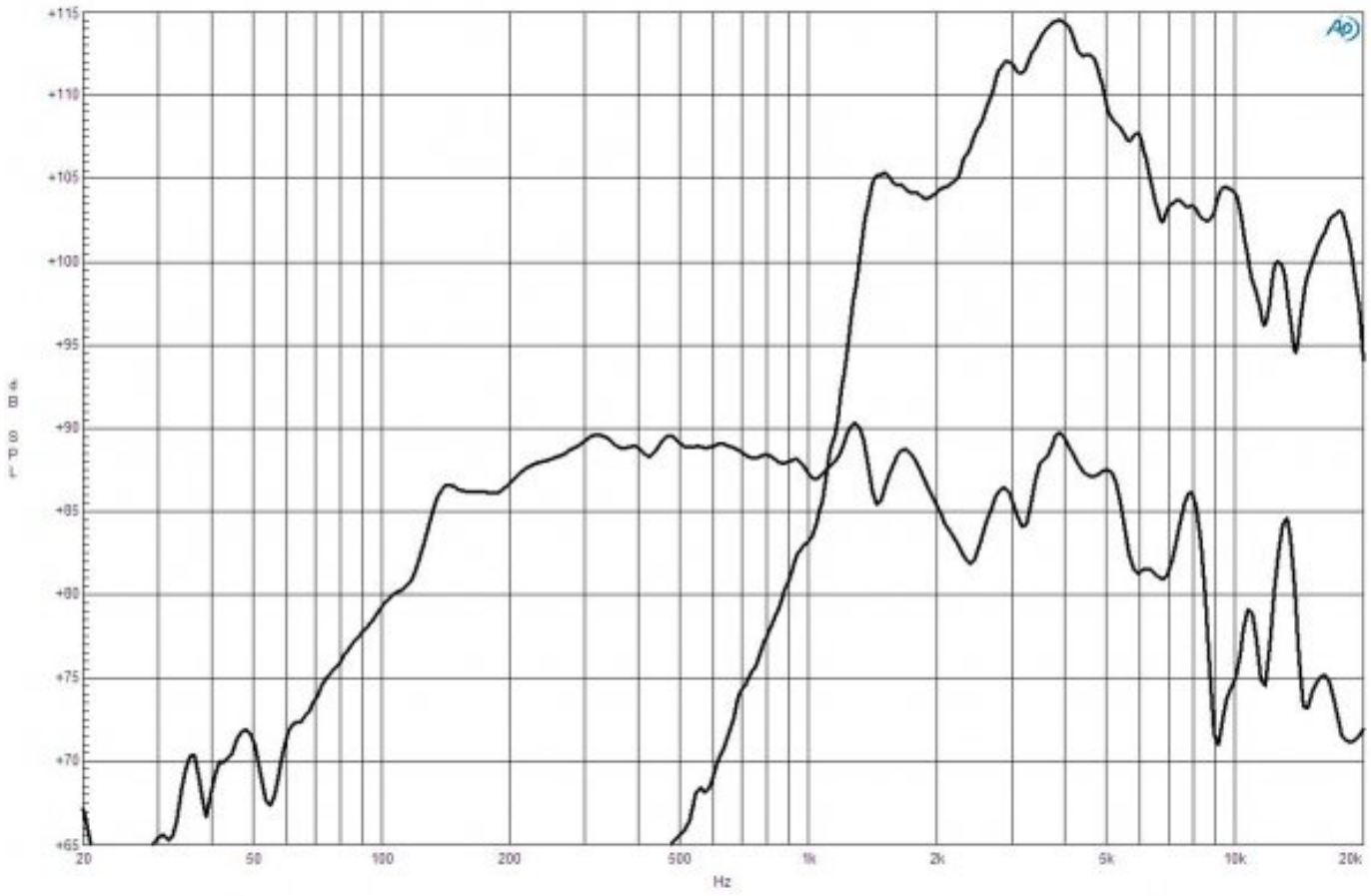


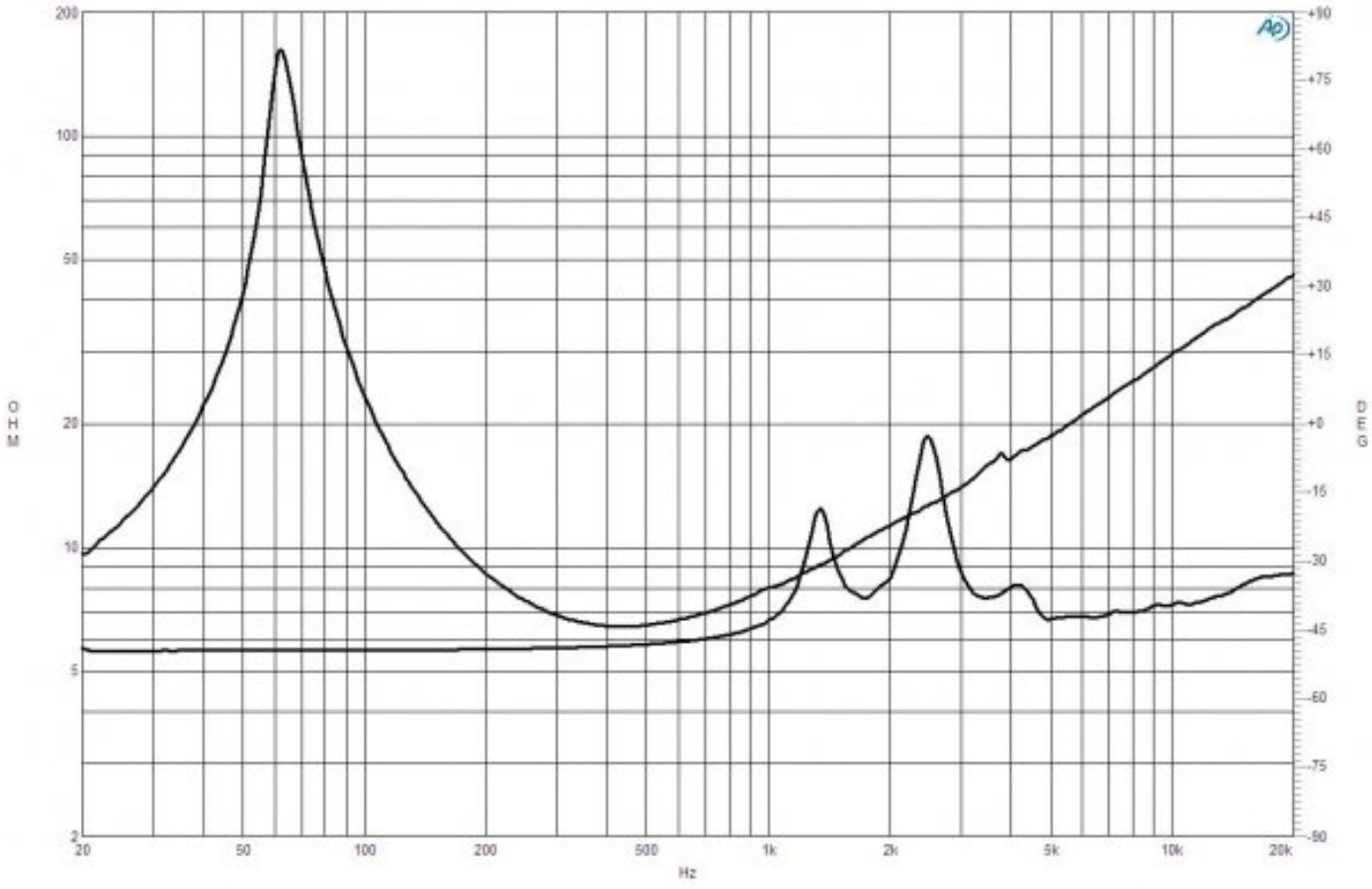



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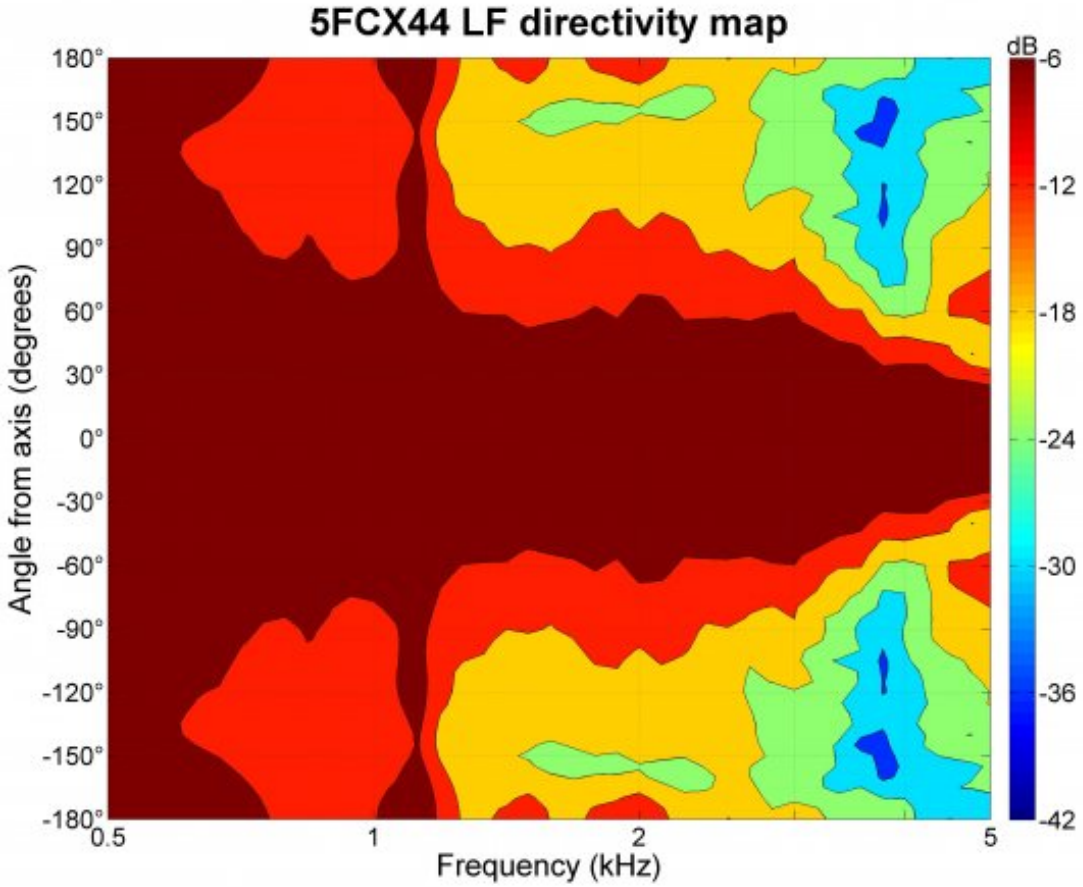


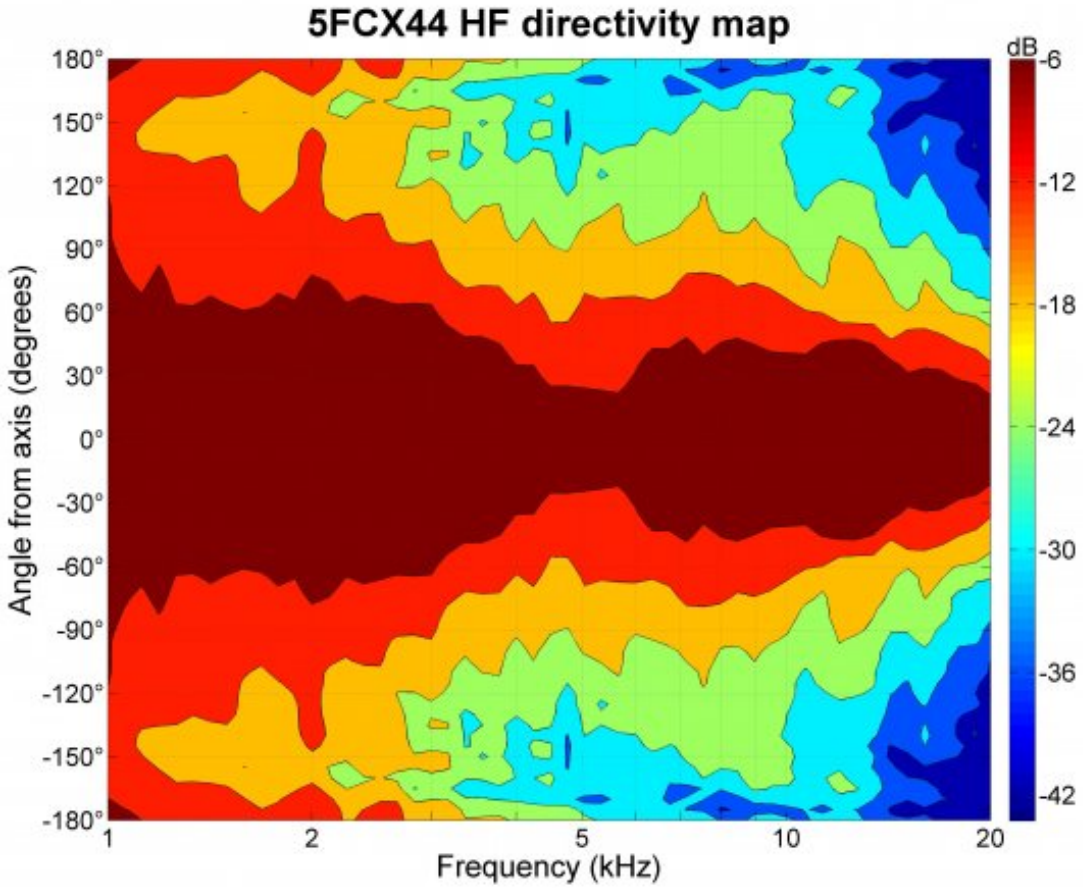



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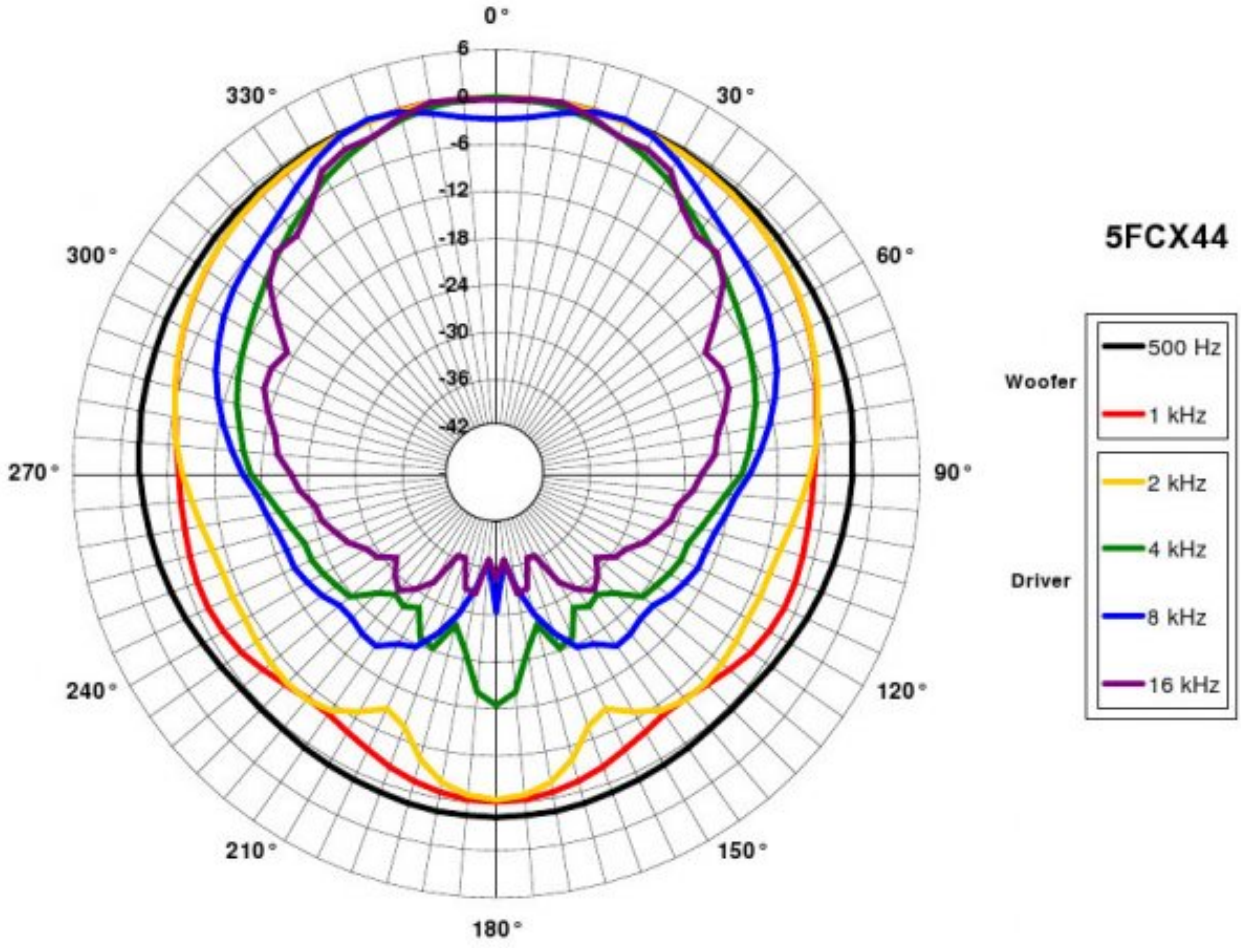


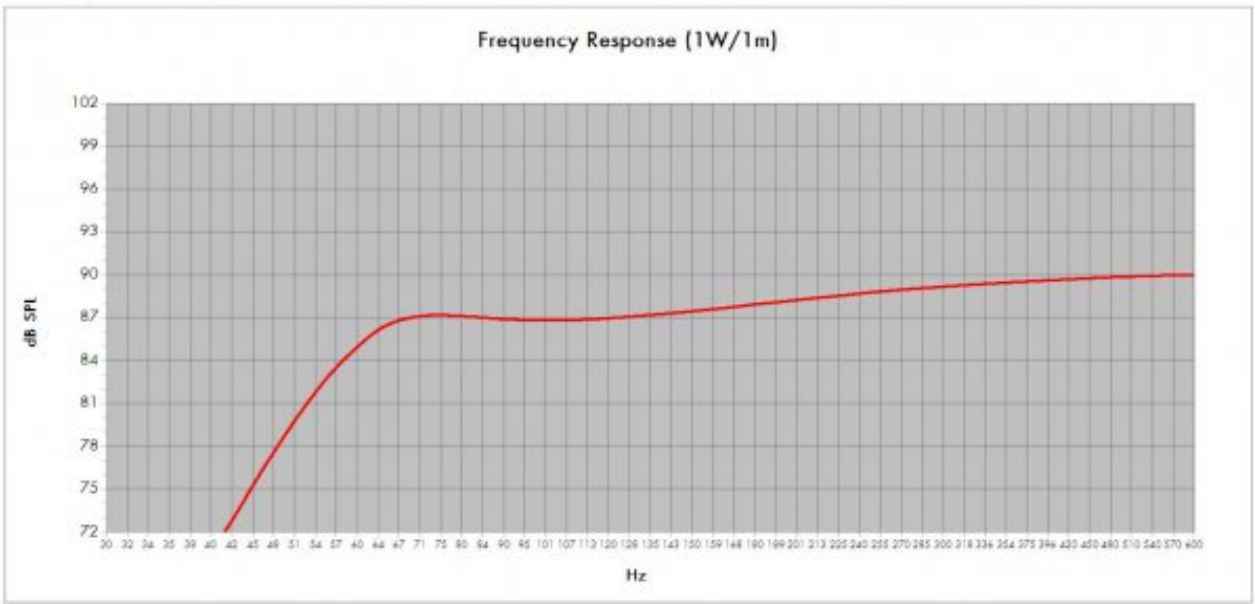


| | | | |
|---|---|---|---|
| Model: | 5FCX44 | | |
| Enclosure Type: | Bass Reflex | Configuration: | One Driver |
| Internal Net Volume (Litres): | 7 | QB: | 5 |
| Tuning Frequency (Hz): | 63 | Port Area (cm²): | 15,2 |
| Frequency (-3 dB) (Hz): | 145,4 | Port Length (cm): | 12,6 |

Excursion Limited Maximum SPL at 1 meter (dB): 110,3 equal to 100,0 Watts (Bass Band Power Rating)
Thermal Limited Maximum SPL at 1 meter (dB): 110,3 equal to 100,0 Watts (Mid Band Power Rating)


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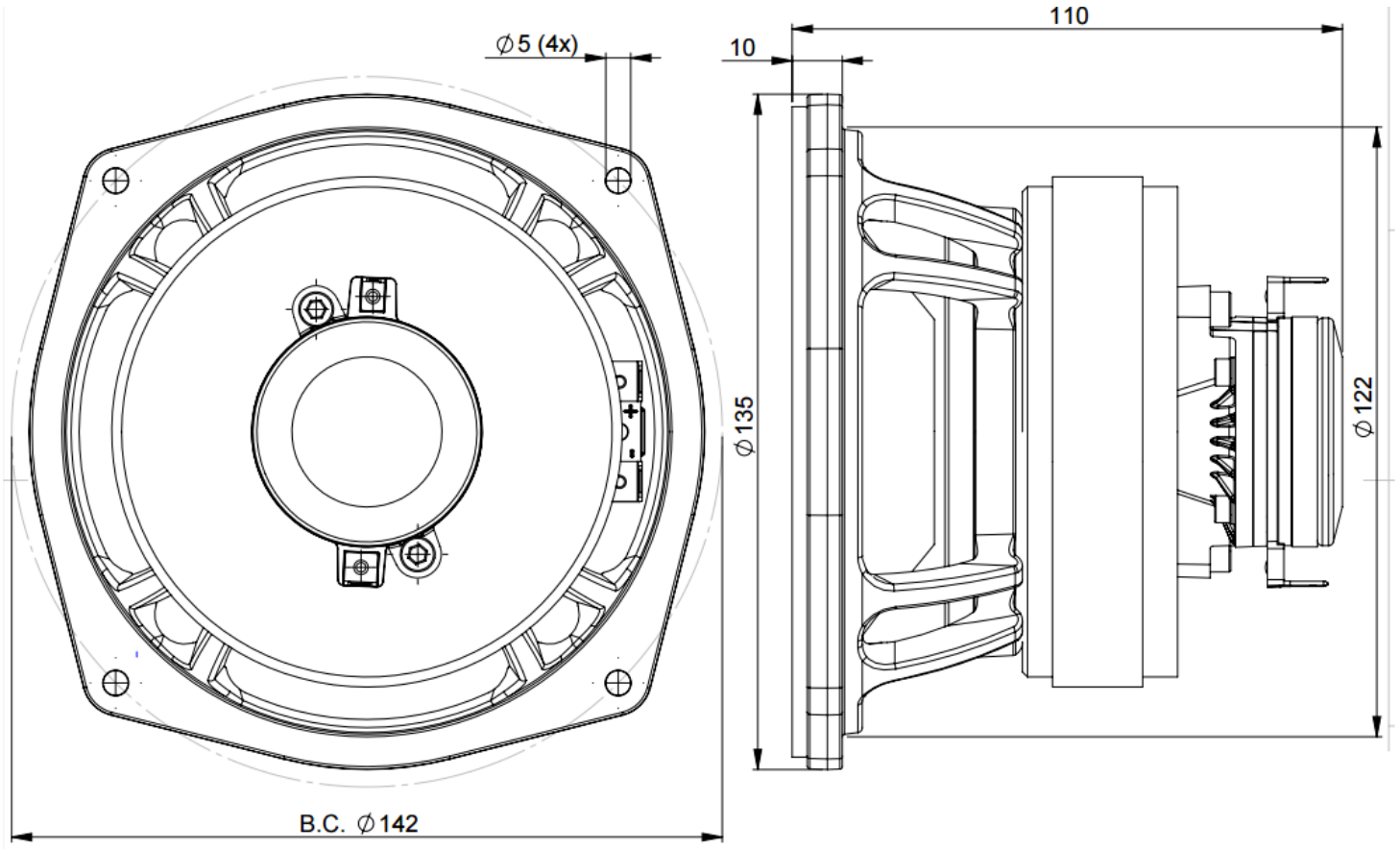
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