

TECHNICAL SPECIFICATIONS

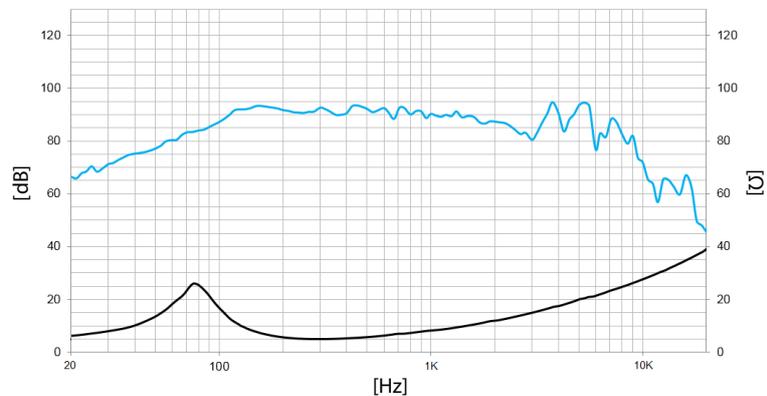
| | | |
|------------------------------------|----------------------|--------------------------|
| Nominal diameter | 200 mm | 8 in |
| Rated impedance | | 4 Ω |
| Minimum impedance | | 5 Ω |
| Power capacity ¹ | 300 W _{AES} | |
| Program power ² | | 600 W |
| Sensitivity | 93 dB | 1W / 1m @ Z _N |
| Frequency range | | 80 - 2.000 Hz |
| Voice coil diameter | 50,8 mm | 2 in |
| BI factor | | 12,6 N/A |
| Moving mass | | 0,033 kg |
| Voice coil length | | 30 mm |
| Air gap height | | 8 mm |
| X _{damage} (peak to peak) | | 30 mm |

THIELE-SMALL PARAMETERS³

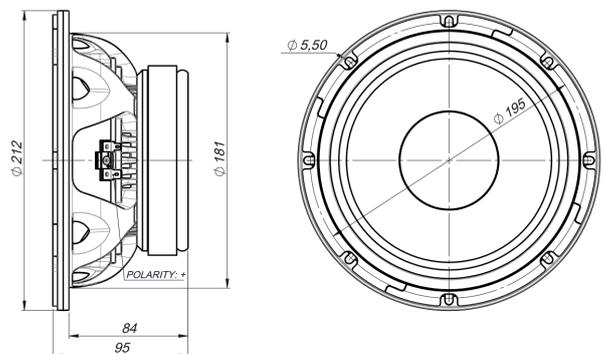
| | |
|--|----------------------|
| Resonant frequency, f _s | 78 Hz |
| D.C. Voice coil resistance, R _e | 3,7 Ω |
| Mechanical Quality Factor, Q _{ms} | 2,3 |
| Electrical Quality Factor, Q _{es} | 0,38 |
| Total Quality Factor, Q _{ts} | 0,32 |
| Equivalent Air Volume to C _{ms} , V _{as} | 8,8 l |
| Mechanical Compliance, C _{ms} | 128 μ m / N |
| Mechanical Resistance, R _{ms} | 6,9 kg / s |
| Efficiency, η_0 | 1,1 % |
| Effective Surface Area, S _d | 0,022 m ² |
| Maximum Displacement, X _{max} ⁴ | 6.3 mm |
| Displacement Volume, V _d | 138 cm ³ |
| Voice Coil Inductance, L _e | 0,6 mH |

MOUNTING INFORMATION

| | | |
|-------------------------|--------|--------|
| Overall diameter | 212 mm | 8,3 in |
| Bolt circle diameter | 195 mm | 7,7 in |
| Baffle cutout diameter: | | |
| - Front mount | 181 mm | 7,1 in |
| Depth | 95 mm | 3,7 in |
| Net weight | 3,3 kg | 7,3 lb |
| Shipping weight | 3,6 kg | 7,9 lb |



Note: On axis frequency response measured with loudspeaker standing on infinite baffle in anechoic chamber, 1W @ 1m



Notes:

¹ The power capacity is determined according to AES2-1984 (r2003) standard.

² Program power is defined as power capacity + 3 dB.

³ T-S parameters are measured after an exercise period using a preconditioning power test. The measurements are carried out with a velocity-current laser transducer and will reflect the long term parameters (once the loudspeaker has been working for a short period of time).

⁴ The X_{max} is calculated as (L_{vc} - H_{ag})√2 + (H_{ag}/3,5), where L_{vc} is the voice coil length and H_{ag} is the air gap height.