

TECHNICAL SPECIFICATIONS

| | | |
|------------------------------------|---------|--------------------------|
| Nominal diameter | 250 mm | 10 in |
| Rated impedance | | 8 Ω |
| Minimum impedance | | 8,6 Ω |
| Power capacity ¹ | | 500 W _{AES} |
| Program power ² | | 1000 W |
| Sensitivity | 90 dB | 1W / 1m @ Z _N |
| Frequency range | | 40 - 3.300 Hz |
| Voice coil diameter | 76,2 mm | 3 in |
| BL factor | | 19,0 N/A |
| Moving mass | | 0,095 kg |
| Voice coil length | | 30 mm |
| Air gap height | | 8 mm |
| X _{damage} (peak to peak) | | 49 mm |

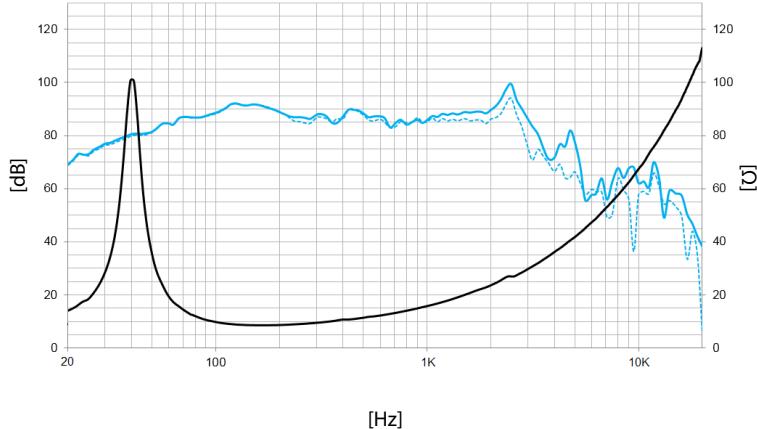


THIELE-SMALL PARAMETERS³

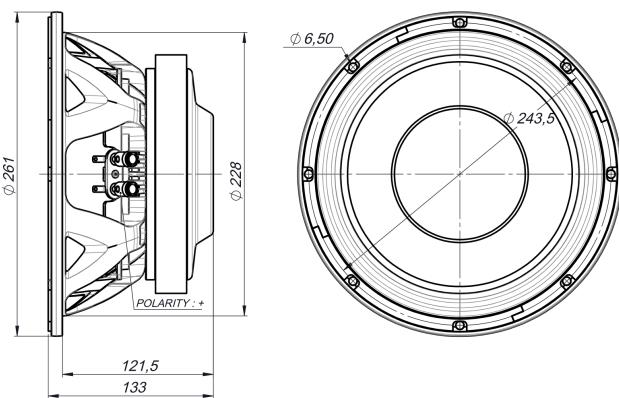
| | |
|--|----------------------|
| Resonant frequency, f _r | 41 Hz |
| D.C. Voice coil resistance, R _e | 6,8 Ω |
| Mechanical Quality Factor, Q _{ms} | 8,1 |
| Electrical Quality Factor, Q _{es} | 0,46 |
| Total Quality Factor, Q _{ts} | 0,43 |
| Equivalent Air Volume to C _{ms} , V _{as} | 32,5 l |
| Mechanical Compliance, C _{ms} | 159 μm / N |
| Mechanical Resistance, R _{ms} | 3 kg / s |
| Efficiency, η ₀ | 0,5 % |
| Effective Surface Area, S _d | 0,038 m ² |
| Maximum Displacement, X _{max} ⁴ | 13 mm |
| Displacement Volume, V _d | 505 cm ³ |
| Voice Coil Inductance, L _e | 1,7 mH |

MOUNTING INFORMATION

| | | |
|-------------------------|----------|---------|
| Overall diameter | 261 mm | 10,3 in |
| Bolt circle diameter | 243,5 mm | 9,6 in |
| Baffle cutout diameter: | | |
| - Front mount | 228 mm | 9,0 in |
| Depth | 133 mm | 5,2 in |
| Net weight | 6,8 kg | 18,3 lb |
| Shipping weight | 7,25 kg | 16,0 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.