

TECHNICAL SPECIFICATIONS

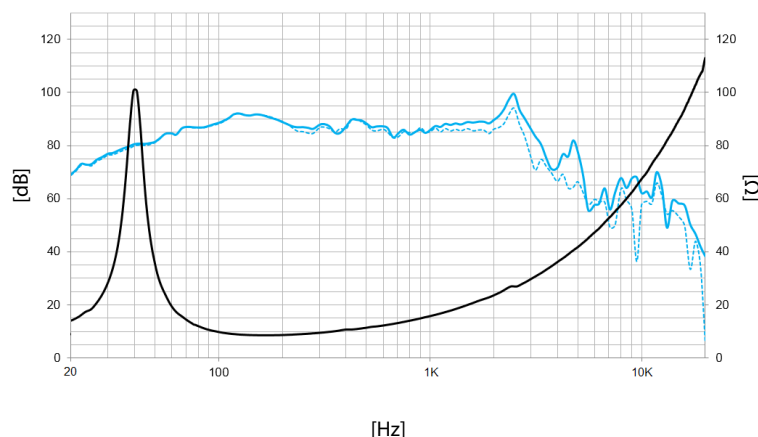
Nominal diameter	250 mm	10 in
Rated impedance		8 Ω
Minimum impedance		8,6 Ω
Power capacity ¹	500 W _{AES}	
Program power ²	1000 W	
Sensitivity	90 dB	1W / 1m @ Z _N
Frequency range	40 - 3.300 Hz	
Voice coil diameter	76,2 mm	3 in
BI factor		19.0 N/A
Moving mass		0,095 kg
Voice coil length		30 mm
Air gap height		8 mm
X _{damage} (peak to peak)		49 mm

THIELE-SMALL PARAMETERS³

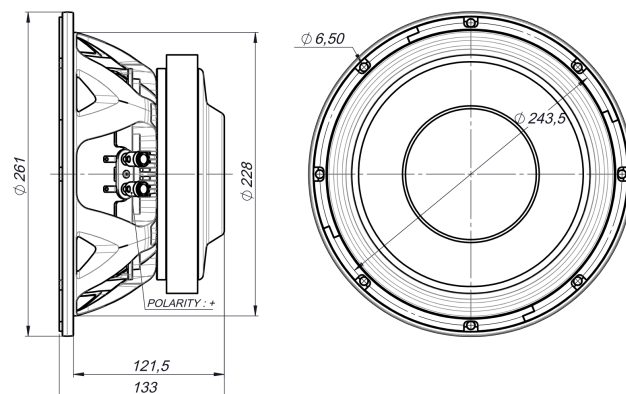
Resonant frequency, f _s	41 Hz
D.C. Voice coil resistance, R _e	6,8 Ω
Mechanical Quality Factor, Q _{ms}	8,1
Electrical Quality Factor, Q _{es}	0,46
Total Quality Factor, Q _{ts}	0,43
Equivalent Air Volume to C _{ms} , V _{as}	32,5 l
Mechanical Compliance, C _{ms}	159 μ m / N
Mechanical Resistance, R _{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.