

TECHNICAL SPECIFICATIONS

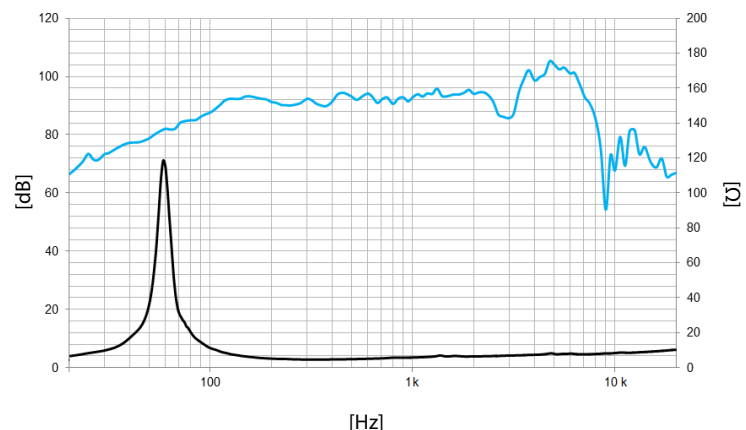
Nominal diameter	200 mm	8 in
Rated impedance		4 Ω
Minimum impedance		4,5 Ω
Power capacity ¹	300 W _{AES}	
Program power ²	600 W	
Sensitivity	94 dB	1W / 1m @ Z _N
Frequency range	70 - 7.000 Hz	
Voice coil diameter	63,5 mm	2,5 in
BI factor		10,3 N/A
Moving mass		0,026 kg
Voice coil length		14,5 mm
Air gap height		7 mm
X _{damage} (peak to peak)		23 mm

THIELE-SMALL PARAMETERS³

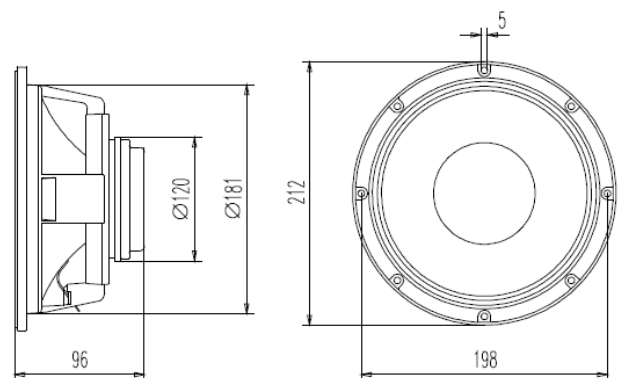
Resonant frequency, f _s	65 Hz
D.C. Voice coil resistance, R _e	3,4 Ω
Mechanical Quality Factor, Q _{ms}	17,8
Electrical Quality Factor, Q _{es}	0,34
Total Quality Factor, Q _{ts}	0,33
Equivalent Air Volume to C _{ms} , V _{as}	16 l
Mechanical Compliance, C _{ms}	233 μm / N
Mechanical Resistance, R _{ms}	0,6 kg / s
Efficiency, η ₀	1,2 %
Effective Surface Area, S _d	0,022 m ²
Maximum Displacement, X _{max} ⁴	6 mm
Displacement Volume, V _d	132 cm ³
Voice Coil Inductance, L _e	0,2 mH

MOUNTING INFORMATION

Overall diameter	212 mm	8,3 in
Bolt circle diameter	198 mm	7,8 in
Baffle cutout diameter:		
- Front mount	181 mm	7,1 in
Depth	96 mm	3,8 in
Net weight	2,3 kg	5,1 lb
Shipping weight	2,5 kg	5,5 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.