

TECHNICAL SPECIFICATIONS

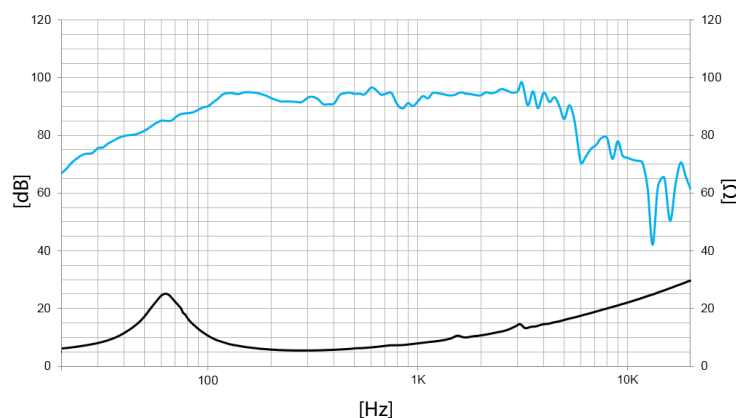
Nominal diameter	250 mm	10 in
Rated impedance		8 Ω
Minimum impedance		5,4 Ω
Power capacity ¹	250 W _{AES}	
Program power ²	500 W	
Sensitivity	95 dB	1W / 1m @ Z _N
Frequency range	65 - 5.600 Hz	
Voice coil diameter	38,1 mm	1,5 in
BI factor		11,6 N/A
Moving mass		0,038 kg
Voice coil length		14 mm
Air gap height		7 mm
X _{damage} (peak to peak)		30 mm

THIELE-SMALL PARAMETERS³

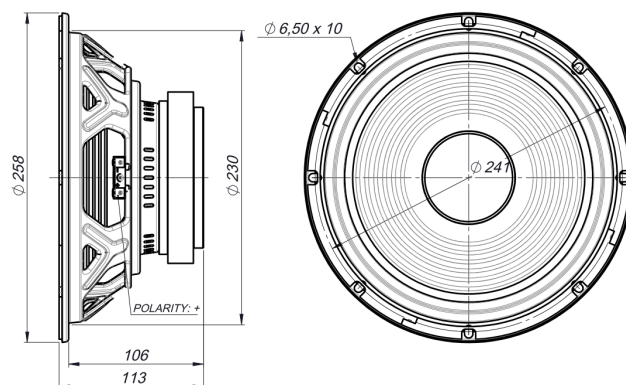
Resonant frequency, f _s	64 Hz
D.C. Voice coil resistance, R _e	4 Ω
Mechanical Quality Factor, Q _{ms}	2,5
Electrical Quality Factor, Q _{es}	0,46
Total Quality Factor, Q _{ts}	0,39
Equivalent Air Volume to C _{ms} , V _{as}	33,1 l
Mechanical Compliance, C _{ms}	162 μ m / N
Mechanical Resistance, R _{ms}	6,1 kg / s
Efficiency, η_0	1,8 %
Effective Surface Area, S _d	0,038 m ²
Maximum Displacement, X _{max} ⁴	6 mm
Displacement Volume, V _d	209 cm ³
Voice Coil Inductance, L _e	0,6 mH

MOUNTING INFORMATION

Overall diameter	258 mm	10,2 in
Bolt circle diameter	241 mm	9,5 in
Baffle cutout diameter:		
- Front mount	230 mm	9,1 in
Depth	113 mm	4,4 in
Net weight	3,1 kg	6,8 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.