

TECHNICAL SPECIFICATIONS

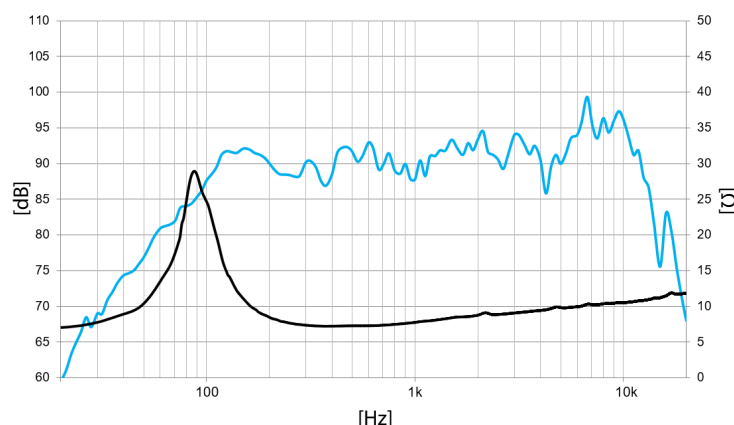
Nominal diameter	125 mm	5 in
Rated impedance		8 Ω
Minimum impedance		7,2 Ω
Power capacity ¹		50 W _{AES}
Program power ²		100 W
Sensitivity	90 dB	1W / 1m @ Z _N
Frequency range		100 - 12.500 Hz
Voice coil diameter	25,4 mm	1 in
BI factor		6 N/A
Moving mass		8 g
Voice coil length		6 mm
Air gap height		6 mm
X _{damage} (peak to peak)		18 mm

THIELE-SMALL PARAMETERS³

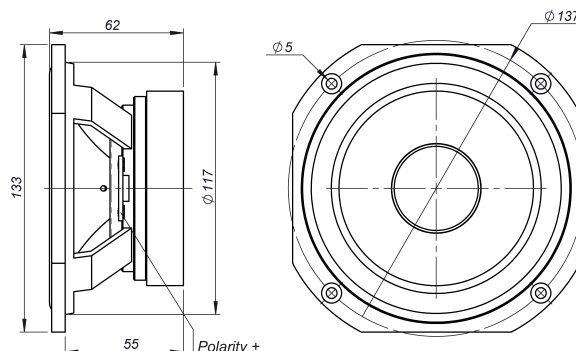
Resonant frequency, f _s	96 Hz
D.C. Voice coil resistance, R _e	6 Ω
Mechanical Quality Factor, Q _{ms}	2,8
Electrical Quality Factor, Q _{es}	0,75
Total Quality Factor, Q _{ts}	0,59
Equivalent Air Volume to C _{ms} , V _{as}	4 l
Mechanical Compliance, C _{ms}	0,369 mm / N
Mechanical Resistance, R _{ms}	1,6 kg / s
Efficiency, η ₀	0,42 %
Effective Surface Area, S _d	85 cm ²
Maximum Displacement, X _{max} ⁴	1,7 mm
Displacement Volume, V _d	15 cm ³
Voice Coil Inductance, L _e	0,22 mH

MOUNTING INFORMATION

Overall diameter	150 mm	5,9 in
Bolt circle diameter	137 mm	5,4 in
Baffle cutout diameter:		
- Front mount	117 mm	4,6 in
Depth	62 mm	2,4 in
Net weight	1,2 kg	2,6 lb
Shipping weight	1,5 kg	3,3 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.