

KEY FEATURES

- Program power: 200 W
- Sensitivity: 92 dB (1W / 1m)
- 1,5" aluminum voice coil
- Shorting cap for extended response and low harmonic distortion
- FEA optimized neodymium magnetic circuit
- Extended controlled displacement: $X_{\max} \pm 3$ mm
- 20 mm peak-to-peak excursion before damage
- Designed for mid-bass applications
- Optimized for line array systems



TECHNICAL SPECIFICATIONS

Nominal diameter	125 mm	5 in
Rated impedance		8 Ω
Minimum impedance		6,9 Ω
Power capacity*	100 W _{AES}	
Program power	200 W	
Sensitivity	92 dB	1W / 1m @ Z _N
Frequency range	150 - 17.000 Hz	
Recom. enclosure vol.	10 / 20 l	0,35 / 0,7 ft ³
Voice coil diameter	38,1 mm	1,5 in
BI factor		10 N/A
Moving mass	0,009 kg	
Voice coil length	9 mm	
Air gap height	7 mm	
X _{damage} (peak to peak)	20 mm	

Notes:

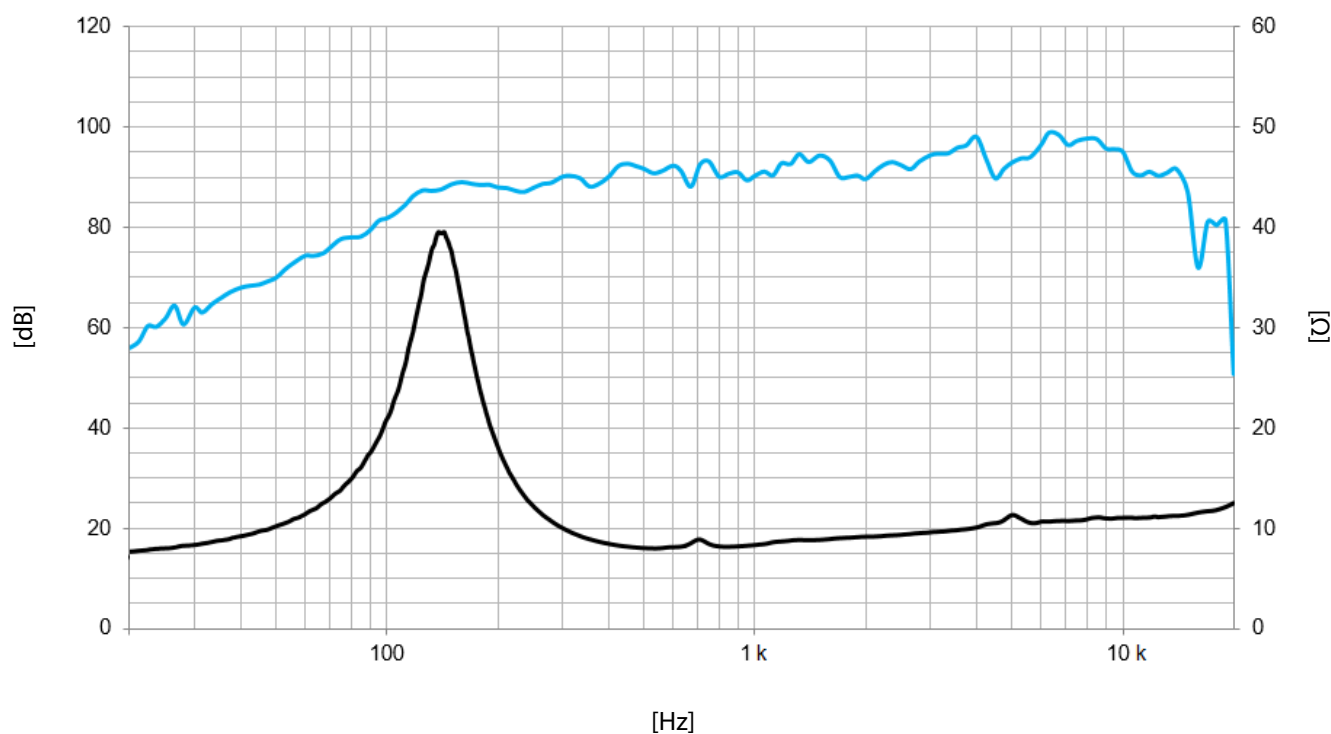
* The power capacity is determined according to AES2-1984 (r2003) standard. Program power is defined as the transducer's ability to handle normal music program material.

** 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).

*** 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.

THIELE-SMALL PARAMETERS**

Resonant frequency, f_s	140 Hz
D.C. Voice coil resistance, R_e	6,6 Ω
Mechanical Quality Factor, Q_{ms}	2,8
Electrical Quality Factor, Q_{es}	0,53
Total Quality Factor, Q_{ts}	0,45
Equivalent Air Volume to C_{ms} , V_{as}	1,4 l
Mechanical Compliance, C_{ms}	143 μ m / N
Mechanical Resistance, R_{ms}	2,9 kg / s
Efficiency, η_0	0,7 %
Effective Surface Area, S_d	0,0085 m ²
Maximum Displacement, $X_{\max}$ ***	3 mm
Displacement Volume, V_d	26 cm ³
Voice Coil Inductance, L_e @ 1 kHz	0,2 mH



Note: On axis frequency response measured with loudspeaker standing on infinite baffle in anechoic chamber, 1W @ 1m

MOUNTING INFORMATION

Overall diameter	155 mm	6,1 in
Bolt circle diameter	141,5 mm	5,6 in
Baffle cutout diameter:		
- Front mount	120 mm	4,7 in
Depth	72 mm	2,8 in
Volume displaced by driver	0,5 l	0,02 ft ³
Net weight	1,2 kg	2,6 lb
Shipping weight	1,3 kg	2,9 lb

DIMENSION DRAWING

