

TECHNICAL SPECIFICATIONS

Nominal diameter	380 mm	15 in
Rated impedance		8 Ω
Minimum impedance		5,5 Ω
Power capacity*	300 W _{AES}	
Program power		600 W
Sensitivity	96 dB	1W / 1m @ Z _N
Frequency range		35 - 2.000 Hz
Voice coil diameter	63,5 mm	2,5 in
BI factor		13,7 N/A
Moving mass		0,105 kg
Voice coil length		17,5 mm
Air gap height		7 mm
X _{damage} (peak to peak)		30 mm



THIELE-SMALL PARAMETERS**

Resonant frequency, f _s	33 Hz
D.C. Voice coil resistance, R _e	5,1 Ω
Mechanical Quality Factor, Q _{ms}	8,7
Electrical Quality Factor, Q _{es}	0,59
Total Quality Factor, Q _{ts}	0,55
Equivalent Air Volume to C _{ms} , V _{as}	244 l
Mechanical Compliance, C _{ms}	223 μ m / N
Mechanical Resistance, R _{ms}	2,5 kg / s
Efficiency, η_0	1,4 %
Effective Surface Area, S _d	0,088 m ²
Maximum Displacement, X _{max} ***	7,25 mm
Displacement Volume, V _d	638 cm ³
Voice Coil Inductance, L _e @ 1 kHz	1,3 mH

MOUNTING INFORMATION

Overall diameter	386 mm	15,2 in
Bolt circle diameter	370 mm	14,5 in
Baffle cutout diameter:		
- Front mount	352 mm	13,9 in
Depth	155 mm	6,1 in
Net weight	4,7 kg	10,3 lb
Shipping weight	5,2 kg	11,4 lb

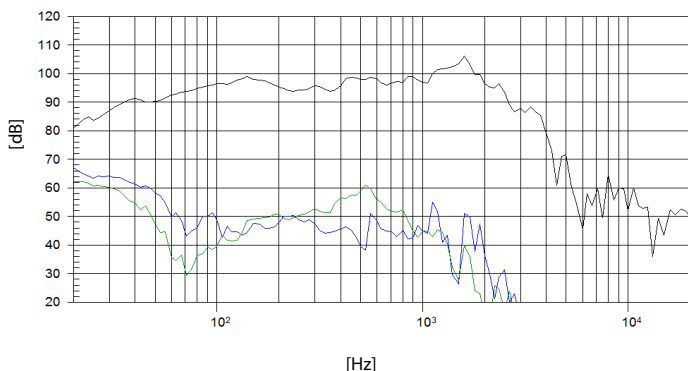
Notes:

* 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.

FREQUENCY RESPONSE



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

FREE AIR IMPEDANCE CURVE

