



M1261

LOW FREQUENCY TRANSDUCER FOR BASS REFLEX AND BAND PASS SYSTEM



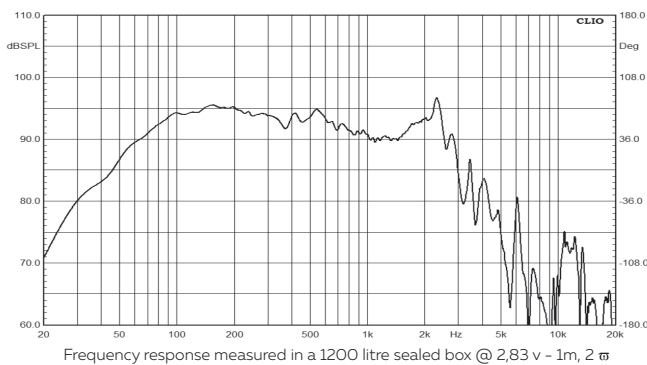
Main features:

- aluminum die-cast frame with improved voice coil ventilation ;
- removable self-centering ferrite magnet system with ventilated gap;
- inside-outside copper voice coil;
- double silicon spider.

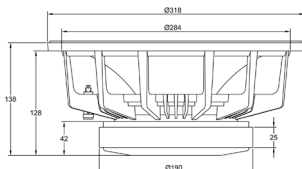
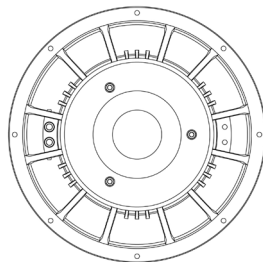
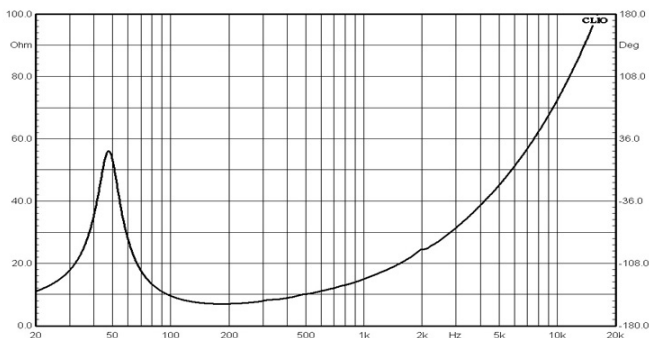
Main specifications:

- 12" nominal diameter;
- 1200 W AES program power;
- 95 dB 1W/1m sensitivity;
- 4" copper voice coil;
- 6,7 kg weight.

Frequency response



Free air impedance



Nominal diameter, inches (mm)	12(300)
Nominal impedance, Ohm	4/8
Rated power (AES), W	600*
Frequency range, Hz	40-1500
Sensitivity (1W / 1m), dB	95
Minimum impedance, Ohm	7@180Hz
Bl product, Tm	19,2
Voice coil inductance, mH (1kHz)	1,66
Moving mass Mms, g	102

Diameter, inches (mm)	4(100)
Winding material	cooper
Former material	glass fiber
Winding depth, mm	21
Magnetic gap depth, mm	8
Flux density, T	1,05

Fs, Hz	47
Vas, l	48
Qts	0,43
Qes	0,48
Qms	4,2
Re, Ohm	5,9
Sd, cm²	552
Xmax, mm	8,5***
n, %	1,0

Overall diameter, mm	318
Baffle cutout diameter, mm	286
Bolt hole diameter, mm	7
Bolt circle diameter, mm	302,5
Height, mm	142
Net weight, kg	6,7

Specifications

Voice coil and Magnetic system

Thiele-Small parameters**

Mounting information

* Rated power is determined according to AES2 - 1984 (r2003) standard.
 ** TS parameters are measured after a preconditioning power test.
 *** Xmax is calculated as: $(H_{vc} - H_g) / 2 + H_g / 4$ where H_{vc} is the voice coil winding depth and H_g is the gap depth.