

Product description

High output mid bass transducer for horn and multi-way speakers.

Main features:

- aluminum die-cast frame;
- removable self-centering ferrite magnet system;
- high-temperature inside-outside aluminum voice coil



Specifications

Nominal diameter, inches (mm)	10(250)
Nominal impedance, Ohm	8/16
Rated power (AES), W *	250
Frequency range, Hz	80-5000
Sensitivity (1W / 1m), dB	99
Minimum impedance, Ohm	6,7@400Hz
Bl product, Tm	16,6
Voice coil inductance, mH (1kHz)	0,5
Moving Mass Mms, g	35

Voice coil

Diameter, inches (mm)	3(76)
Winding material	aluminum
Former material	glass fiber
Winding depth, mm	11

Magnetic system

Magnetic gap depth, mm	8
Flux density, T	1,3

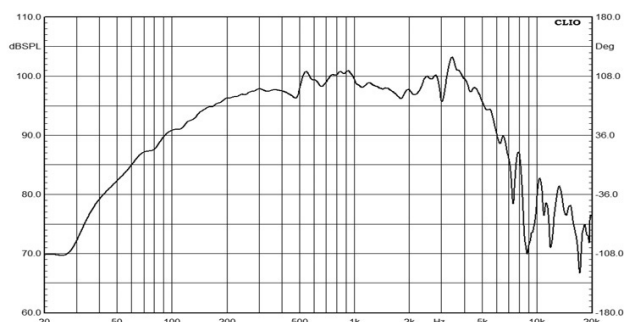
Thiele-Small parameters **

Fs, Hz	67
Vas, l	27,5
Qts	0,29
Qes	0,3
Qms	7,9
Re, Ohm	5,6
Sd cm ²	346
Xmax, mm ***	5
η, %	2,6

Mounting information

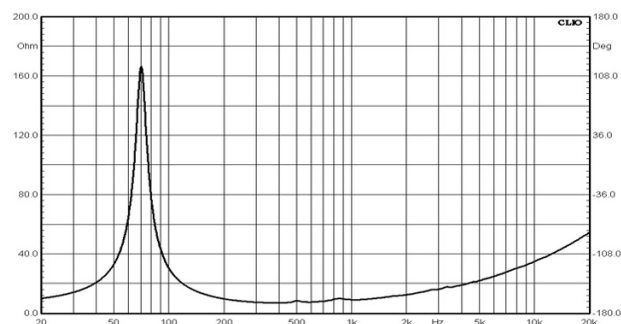
Overall diameter, mm	260
Baffle cutout diameter, mm	231
Bolt hole diameter, mm	6,5
Bolt circle diameter, mm	244
Height, mm	120
Net weight, kg	6,5

FREQUENCY RESPONSE

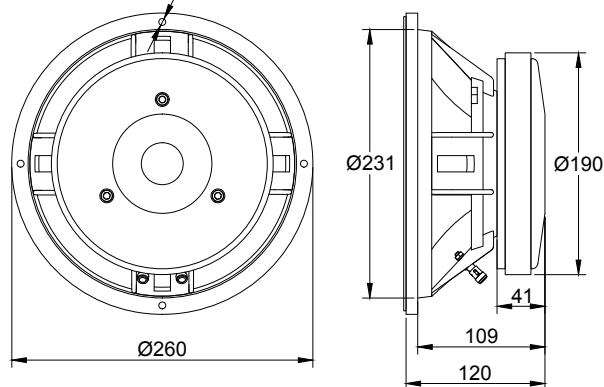


Frequency response measured in a 1200 litre sealed box @ 2.83 v - 1m, 2 π

FREE AIR IMPEDANCE CURVE



4x Ø6,5 Holes on Ø244



* Rated power is determined according to AES2 - 1984 (r 2003) 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.