

Product description

Extended low frequency transducer for bass reflex and band pass system.

Main features:

- aluminum die-cast frame;
- removable self-centering ferrite magnet system with ventilated gap;
- inside-outside copper voice coil;
- rubber surround suspension system.



Specifications

Nominal diameter, inches (mm)	15(380)
Nominal impedance, Ohm	8
Rated power (AES), W *	1000
Frequency range, Hz	30-500
Sensitivity (1W / 1m), dB	92
Minimum impedance, Ohm	8@110Hz
Bl product, Tm	32,5
Voice coil inductance, mH (1kHz)	6,5
Moving Mass Mms, g	296

Voice coil

Diameter, inches (mm)	3(76)
Winding material	copper
Former material	glass fiber
Winding depth, mm	29

Magnetic system

Magnetic gap depth, mm	12
Flux density, T	0,9

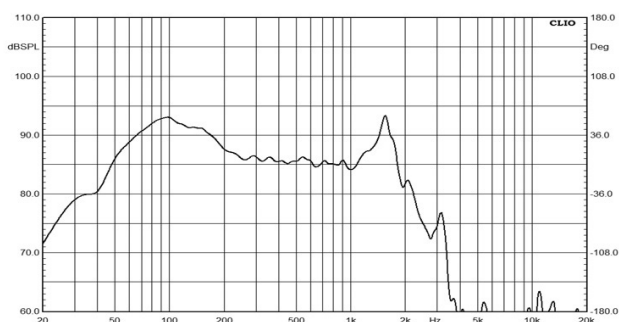
Thiele-Small parameters **

Fs, Hz	46
Vas, l	34,5
Qts	0,47
Qes	0,5
Qms	7,3
Re, Ohm	6,3
Sd cm ²	780
Xmax, mm ***	11,5
η , %	0,65

Mounting information

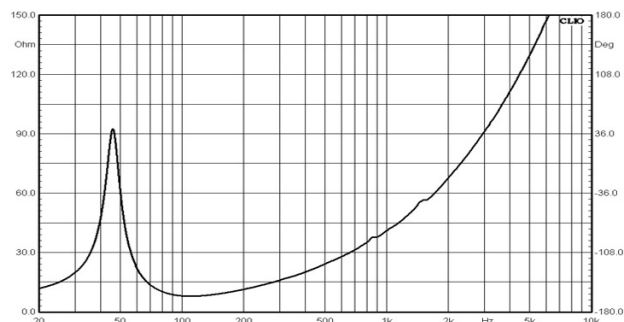
Overall diameter, mm	395
Baffle cutout diameter, mm	358
Bolt hole diameter, mm	7
Bolt circle diameter, mm	370,5
Height, mm	195
Net weight, kg	11,4

FREQUENCY RESPONSE

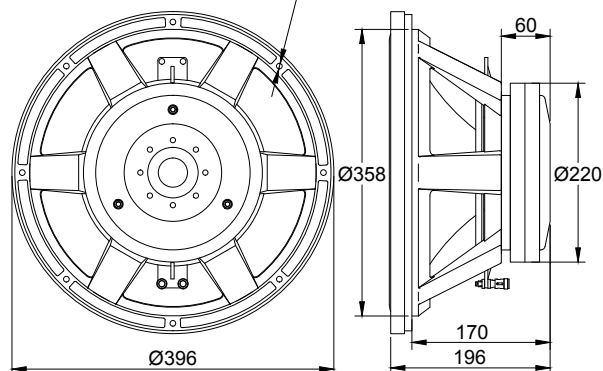


Frequency response measured in a 1200 litre sealed box @ 2.83 v - 1m, 2 π

FREE AIR IMPEDANCE CURVE



8x Ø7 Holes on Ø370,5



* 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.