PROFESSIONAL AUDIO

M1260

Product description

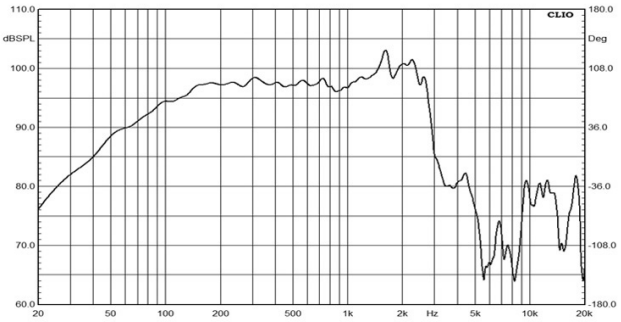
High output mid bass transducer for horn, two and multi-way speakers.

Main features:

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

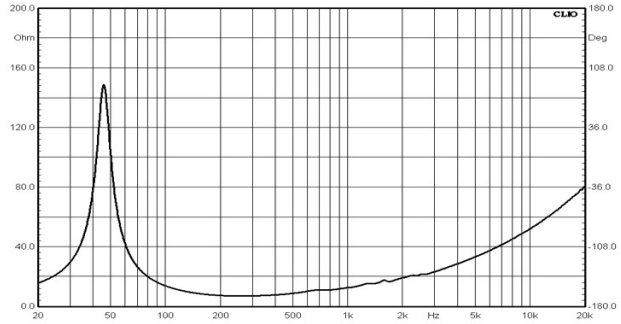
Specifications	
Nominal diameter, inches (mm)	12(300)
Nominal impedance, Ohm	8
Rated power (AES), W *	600
Frequency range, Hz	55-3000
Sensitivity (1W / 1m), dB	98
Minimum impedance, Ohm	6,6@250Hz
Bl product, Tm	20,1
Voice coil inuctance, mH (1kHz)	1,2
Moving Mass Mms, g	83
Voice coil	
Diameter, inches (mm)	4(100)
Winding material	CCAR
Former material	glass fiber
Winding depth, mm	19,5
Magnetic system	
Magnetic gap depth, mm	10
Flux density, T	1,22
Thiele-Small parameters **	
Fs, Hz	46
Vas, l	62
Qts	0,33
Qes	0,34
Qms	8,2
Re, Ohm	5,7
Sd cm^2	560
Xmax, mm ***	7,25
η, %	1,7
Mounting information	
Overall diameter, mm	312
Baffle cutout diameter, mm	282
Bolt hole diameter, mm	7
Bolt circle diameter, mm	294
Height, mm	147
Net weight, kg	8,5

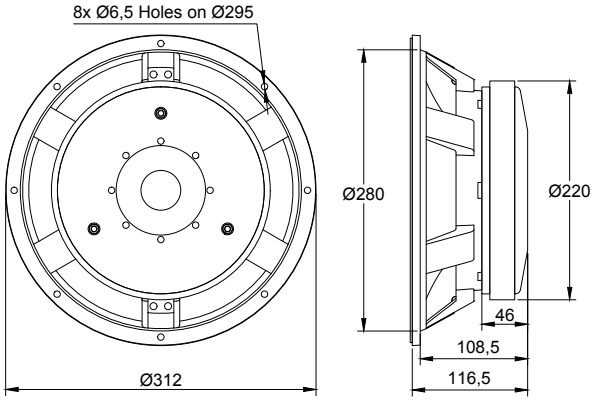
FREQUENCY RESPONSE



Frequency response measured in a 1200 litre sealed box @ 2,83 v - 1m, 2 π

FREE AIR IMPEDANCE CURVE





* Rated power is determinited 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.

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