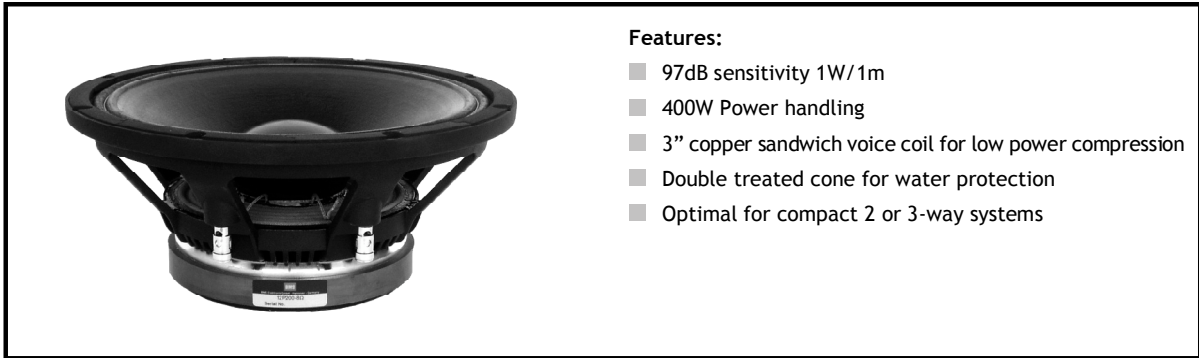


## Professional series

## 12P200

Professional Low Midrange Driver

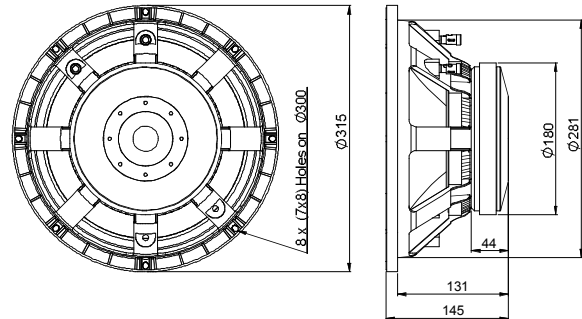


### Features:

- 97dB sensitivity 1W/1m
- 400W Power handling
- 3" copper sandwich voice coil for low power compression
- Double treated cone for water protection
- Optimal for compact 2 or 3-way systems

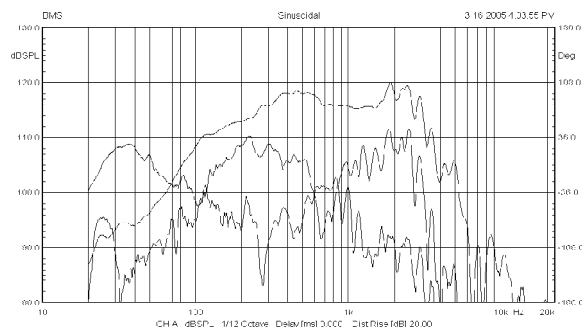
## SPECIFICATIONS

APPLICATION	2 or 3-way systems	
Nominal impedance	Ohm	8
Power handling AES noise	W	400
Sensitivity ( 1W/1m )	dB	98
Frequency response	Hz	55 - 2500
Voice coil diameter	mm	77 (3")
Voice coil material		Cu
Voice winding depth	mm	15
Magnet gap depth	mm	10
Basket		Cast Aluminium
Effect. diaphragm diameter D	mm	260

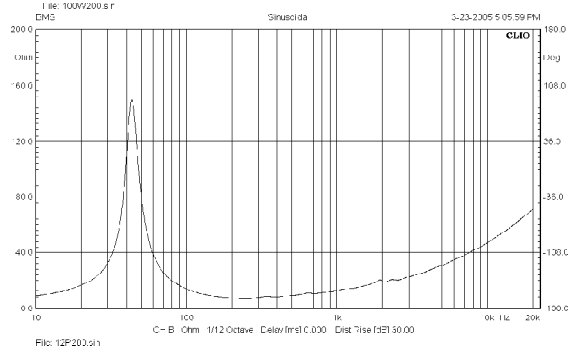


THILE - SMALL PARAMETERS			
Resonance frequency	Fs	Hz	44.0
DC resistance	Re	Ohm	5.70
Mechanical Q factor	Qms		5.00
Electrical Q factor	Qes		0.26
Total Quality factor	Qts		0.24
Equivalent volume	Vas	L	72.00
Moving mass	Mms	kg	0.072
Mechanical compl.	Cms	mm/N	0.182
BL factor	BL	Tesla/m	21.00
Effective piston area	Sd	m <sup>2</sup>	0.0531
Max. linear excursion	Xmax	mm	± 2.5
Voice coil inductance	Le1k	µH	1.97
	Le10k	µH	0.79

Frequency response measured 100W (28,3V)@ 1m in a closed enclosure of 100 litre in an anechoic chamber incl. 2nd and 3rd harmonic distortion raised 20dB.



MOUNTING INFORMATION		
Overall diameter	mm	315
Mounting holes diameter	mm	7 x 8
Bolt circle diameter	mm	300
Baffle cut-out diameter	mm	283
Overall depth	mm	145
Net weight	kg	6.6



### Recommended reflex enclosure:

12P210 14L/68Hz, -3dB=86Hz, BRD=70mm/109mm long

12P210 25L/63Hz, -3dB=70Hz, BRD=80mm/78mm long



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