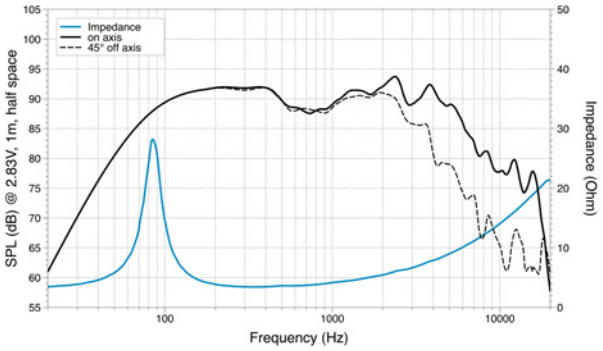
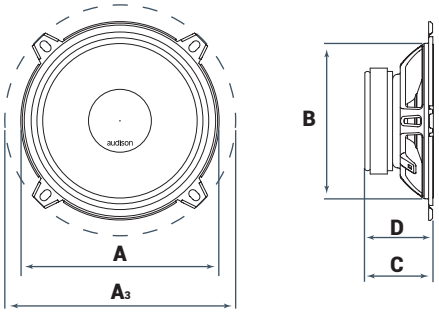
AP 5 WOOFER

1. 32 mm pure copper mobile voice coil, for high power handling and outstanding low frequency control.
2. Water-repellent treated paper cone, featuring a profile developed with FEM (Finite Element Method) simulation technology and optimized with the Klippel R&D Scan Vibrometer.
3. No passive crossover required to maximize efficiency: the cone is optimised with the Klippel R&D Scan Vibrometer to obtain a calibrated mechanical low-pass cut-off frequency.
4. Reduced mounting depth, providing ease of installation in OEM placements.
5. TPU (Thermoplastic Polyurethane) surround, featuring the exclusive shallow "Triple Wave" profile, for maximum excursion linearity.
6. Compact basket, protected by abrasion-resistant and scratch-proof coating, the motor affixed with damping epoxy adhesive.
7. High current fast-on terminal with double contact on positive and negative poles for installation flexibility and quick connection. The terminal features a temperature resistant plastic cover, protecting it against accidental short circuits.
8. Developed with the KLIPPEL suite.





A	A3	B	C	D	
130	150	119	51,5	48,5	mm
5.12	5.9	4.68	2.03	1.9	in.

TECHNICAL SPECIFICATIONS

Component		Woofer
Size	mm (in.)	130 (5)
Power Handling	W peak W continuos	150 50
Impedance	Ω	4
Frequency Response	Hz	70 ÷ 5k
Magnet size D x h	mm (in.)	85 x 40 x 13 (3.35 x 1.57 x 0.51)
Weight of one speaker	kg (lb)	0,65 (1.43)
Voice Coil Ø	mm (in.)	32 (1.26)

ELECTRO-ACOUSTIC PARAMETERS

D	mm	107
Xmax	mm	±2
Re	Ω	3,1
Fs	Hz	90
Le	mH	0,25
Vas	l	4
Mms	g	9
Cms	mm/N	0,34
BL	T•m	4,6
Qts		0,68
Qes		0,74
Qms		8
Spl	dB	93