



P 204

AUDIOTEC
FISCHER
INNOVATIVE CAR AUDIO

Gleichstromwiderstand / DC restance	R_{dc}	3,4 Ω
Nennimpedanz / Nominal impedance	Z_N	4 Ω
Resonanzfrequenz Resonance frequency	f_s	123,96 Hz

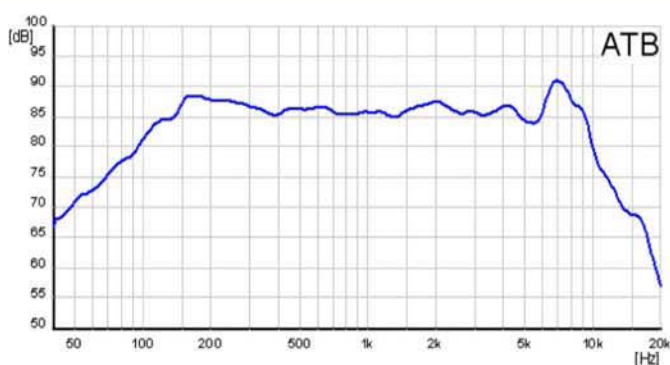
Spulendurchmesser Voice coil diameter	25 mm
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Spulenbreite / Voice coil height	7 mm
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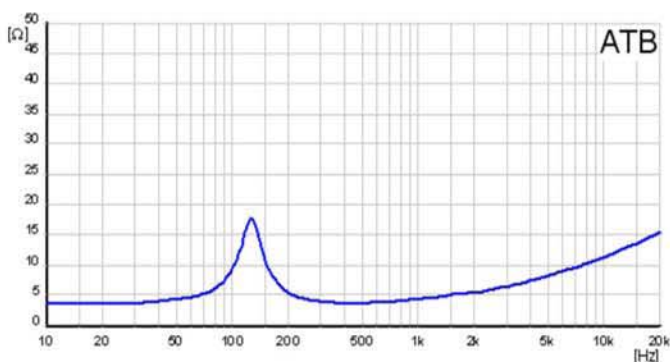
Mechanische Güte / Mechanical Q factor	Q_{ms}	3,8
Elektrische Güte / Electrical Q factor	Q_{es}	0,91
Gesamtgüte Total Q factor	Q_{ts}	0,73

Dynamisch bewegte Masse / Moving mass	m_d	5,55 g
Effektive Membranfläche / Effective piston area	S_m	48,5 cm²
Mechanischer Widerstand / Mechanical resistance	R_{ms}	1,14 Kg/s
Nachgiebigkeit / Compliance	C_{ms}	0,3 mm/N
Antriebsfaktor / Force factor	BL	4,02 Tm
Äquivalentvolumen / Equivalent air volume	V_{as}	0,98 dm³
Wirkungsgrad / Efficiency	η	0,2 %
SPL 1W/1m		84,97 dB
SPL 2,83V/1m		88,68 dB

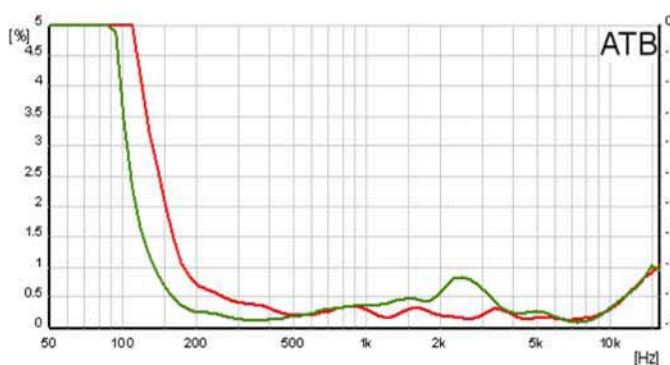
Frequenzgang / Frequency response [1W/1m]



Impedanzverlauf / Impedance



Klirrfaktoren / Harmonic Distortion [1w / 1m]



rot / red: K2

grün / green: K3