

H204

AUDIOTEC
FISCHER
INNOVATIVE CAR AUDIO

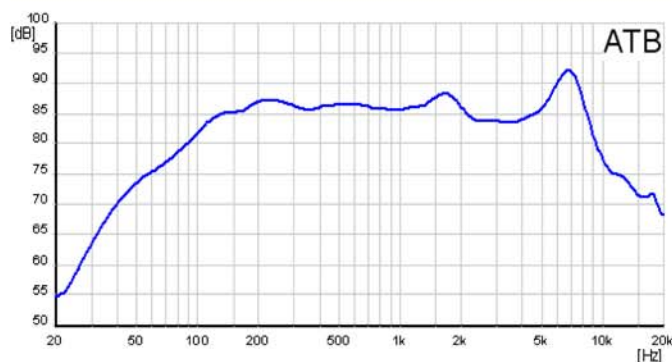
Gleichstromwiderstand / DC restance	R_{dc}	3,4 Ω
Nennimpedanz / Nominal impedance	Z_N	4 Ω
Resonanzfrequenz Resonance frequency	f_s	78,67 HZ

Spulendurchmesser Voice coil diameter	25 mm
Spulenbreite / Voice coil height	7 mm

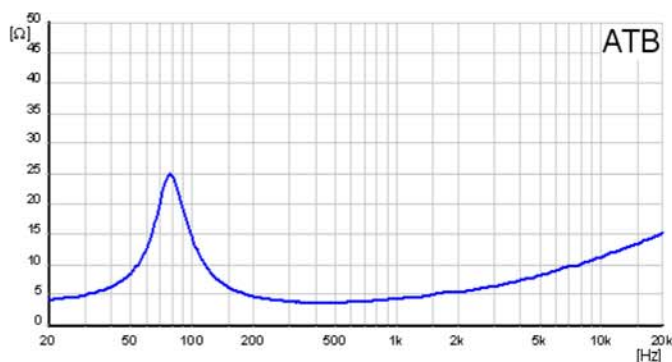
Mechanische Güte / Mechanical Q factor	Q_{ms}	3,15
Elektrische Güte / Electrical Q factor	Q_{es}	0,5
Gesamtgüte Total Q factor	Q_{ts}	0,43

Dynamisch bewegte Masse / Moving mass	m_d	3,82 g
Effektive Membranfläche / Effective piston area	S_m	48,5 cm²
Mechanischer Widerstand / Mechanical resistance	R_{ms}	0,6 Kg/s
Nachgiebigkeit / Compliance	C_{ms}	1,07 mm/N
Antriebsfaktor / Force factor	BL	3,59 Tm
Äquivalentvolumen / Equivalent air volume	V_{as}	3,54 dm³
Wirkungsgrad / Efficiency	η	0,33 %
SPL 1W/1m		87,23 dB
SPL 2,83V/1m		90,95 dB

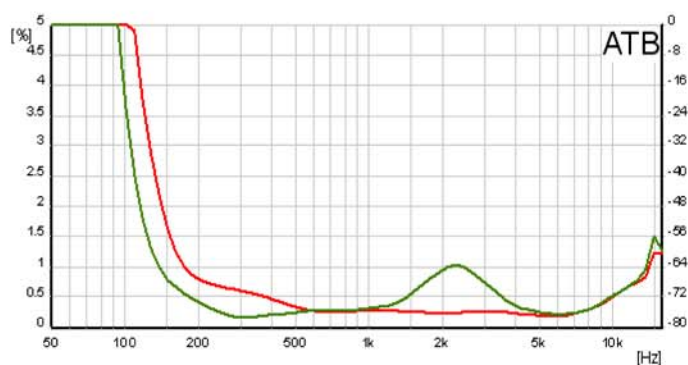
Frequenzgang / Frequency response [1W/1m]



Impedanzverlauf / Impedance



Klirrfaktoren / Harmonic Distortion [1w / 1m]



rot / red: K2

grün / green: K3