

RS 806

AUDIOTEC
FISCHER
INNOVATIVE CAR AUDIO

Gleichstromwiderstand / R_{dc} **3,4 Ω**
DC restance

Nennimpedanz / Z_N **4 Ω**
Nominal impedance

Resonanzfrequenz f_s **58,67 HZ**
Resonance frequency

Spulendurchmesser **37 mm**
Voice coil diameter

Spulenbreite / **12 mm**
Voice coil height

Mechanische Güte / Q_{ms} **2,54**
Mechanical Q factor

Elektrische Güte / Q_{es} **0,44**
Electrical Q factor

Gesamtgüte Q_{ts} **0,38**
Total Q factor

Dynamisch bewegte Masse / m_d **14,77 g**
Moving mass

Effektive Membranfläche / S_m **135 cm²**
Effective piston area

Mechanischer Widerstand / R_{ms} **2,14 Kg/s**
Mechanical resistance

Nachgiebigkeit / C_{ms} **0,5 mm/N**
Compliance

Antriebsfaktor / BL **6,45 Tm**
Force factor

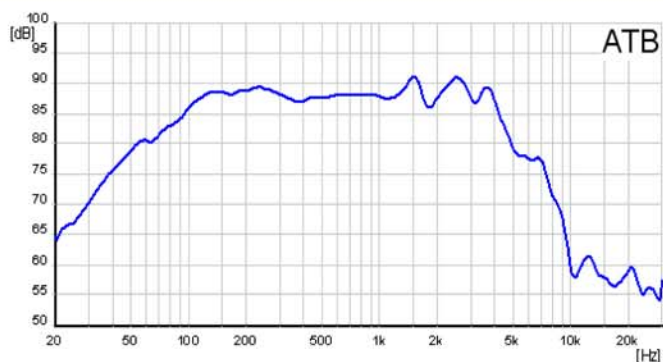
Äquivalentvolumen / V_{as} **12,75 dm³**
Equivalent air volume

Wirkungsgrad / η **0,56 %**
Efficiency

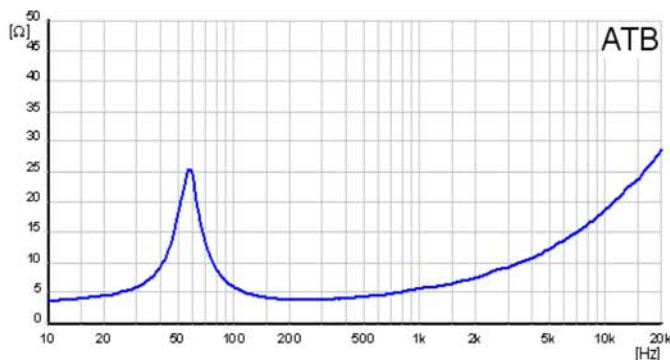
SPL 1W/1m **89,47 dB**

SPL 2,83V/1m **93,19 dB**

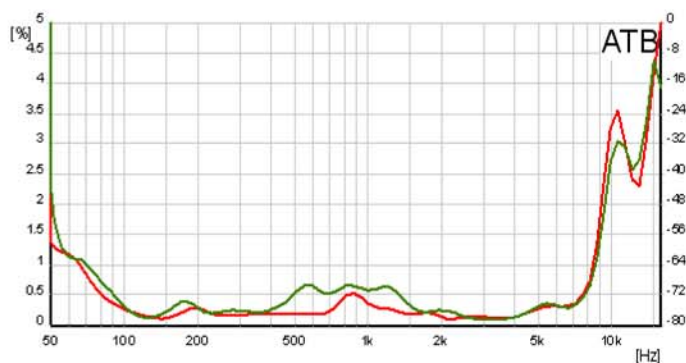
Frequenzgang / Frequency response [1W/1m]



Impedanzverlauf / Impedance



Klirrfaktoren / Harmonic Distortion [1w / 1m]



rot / red: K2

grün / green: K3