



Sample Specifications

Datum / Date:03.12.2010

Bezeichnung / Denomination:

Projekt / Project: 80/25/40

Muster-Nr. / Sample-No.: 5901

Kunde / Customer:



Gleichstromwiderstand / R_{dc} **3,4** \wedge

DC restance

Nennimpedanz / Z_N **4** \wedge

Nominal impedance

Resonanzfrequenz f_s **114,44** HZ

Resonance frequency

Spulendurchmesser **25** mm

Voice coil diameter

Spulenbreite / **4** mm

Voice coil height

Mechanische Güte / Q_{ms} **2,64**

Mechanical Q factor

Elektrische Güte / Q_{es} **0,4**

Electrical Q factor

Gesamtgüte Q_{ts} **0,35**

Total Q factor

Dynamisch bewegte Masse / m_d **2,86** g

Moving mass

Effektive Membranfläche / S_m **35,2** cm²

Effective piston area

Mechanischer Widerstand / R_{ms} **0,78** Kg/s

Mechanical resistance

Nachgiebigkeit / C_{ms} **0,68** mm/N

Compliance

Antriebsfaktor / BL **4,15** Tm

Force factor

Äquivalentvolumen / V_{as} **1,18** dm³

Equivalent air volume

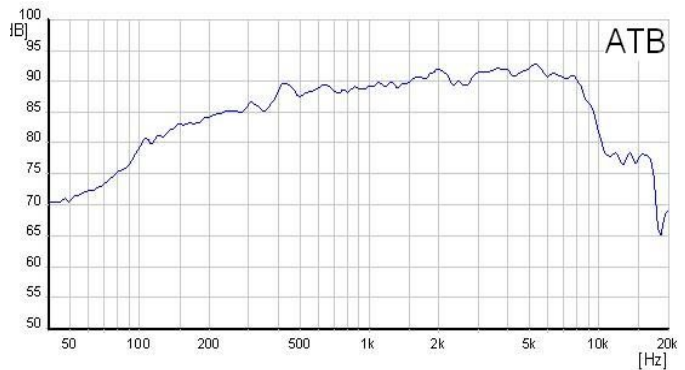
Wirkungsgrad / η **0,42** %

Efficiency

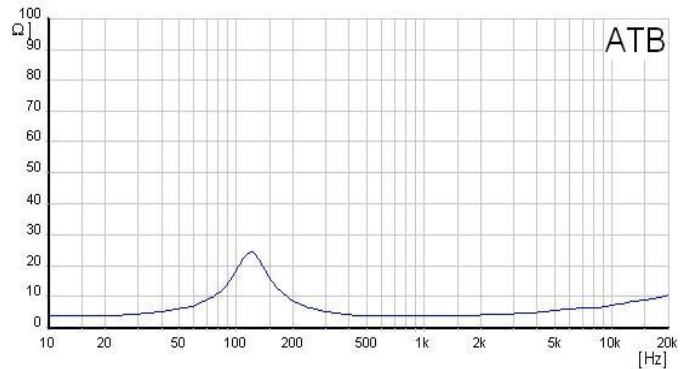
SPL 1W/1m **88,24** dB

SPL 2,83V/1m **91,96** dB

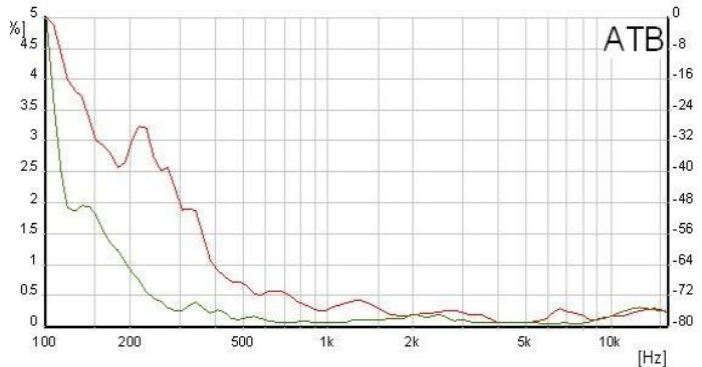
Frequenzgang / Frequency response [1W/1m]



Impedanzverlauf / Impedance



Klirrfaktoren / Harmonic Distortion [1w / 1m]



rot / red: K2 grün / green: K3

Freigabe erteilt: Datum:

Unterschrift: