



Norman Gerkinsmeyer – Kasernstraße 41 – 89231 Neu-Ulm – Germany – Phone +49 731 3793475 – Fax +49 731 3793476

Sample Specifications

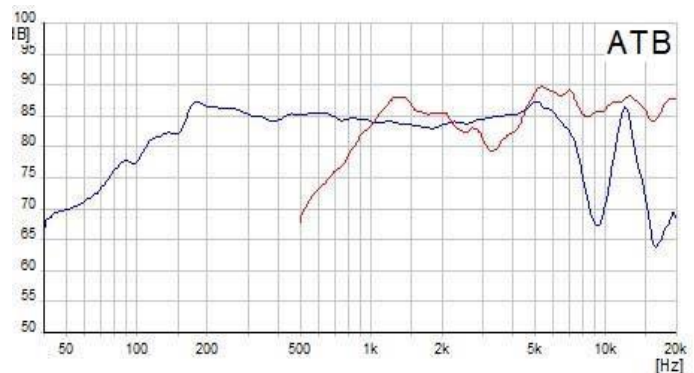
Date:06.07.2016

Bezeichnung / FDS 100/85/4 VNR151106
Denomination:
Projekt / Project: FDS100
Muster-Nr. / Sample-No.: 7754
Kunde / Customer:

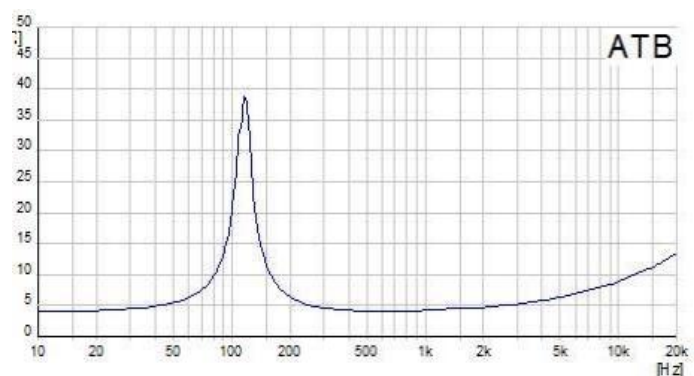


| | | |
|----------------------------------|----------|---------------------|
| Gleichstromwiderstand / | R_{dc} | 3,8 \wedge |
| DC restance | | |
| Nennimpedanz / | Z_N | 4 \wedge |
| Nominal impedance | | |
| Resonanzfrequenz | f_s | 114,14HZ |
| Resonance frquency | | |
| Spulendurchmesser | | 40mm |
| Voice coil diameter | | |
| Spulenbreite / | | 7mm |
| Voice coil height | | |
| Mechanische Güte / | Q_{ms} | 5,95 |
| Mechanical Q factor | | |
| Elektrische Güte / | Q_{es} | 0,64 |
| Electrical Q factor | | |
| Gesamtgüte | Q_{ts} | 0,58 |
| Total Q factor | | |
| Dynamisch bewegte Masse / | m_d | 4,06g |
| Moving mass | | |
| Effektive Membranfläche / | S_m | 48,5cm ² |
| Effective piston area | | |
| Mechanischer Widerstand / | R_{ms} | 0,49Kg/s |
| Mechanical resistance | | |
| Nachgiebigkeit / | C_{ms} | 0,48mm/N |
| Compliance | | |
| Antriebsfaktor / | BL | 4,15Tm |
| Force factor | | |
| Äquivalentvolumen / | V_{as} | 1,58dm ³ |
| Equivalent air volume | | |
| Wirkungsgrad / | η | 0,35% |
| Efficiency | | |
| SPL 1W/1m | | 87,49dB |
| SPL 2,83V/1m | | 90,73dB |

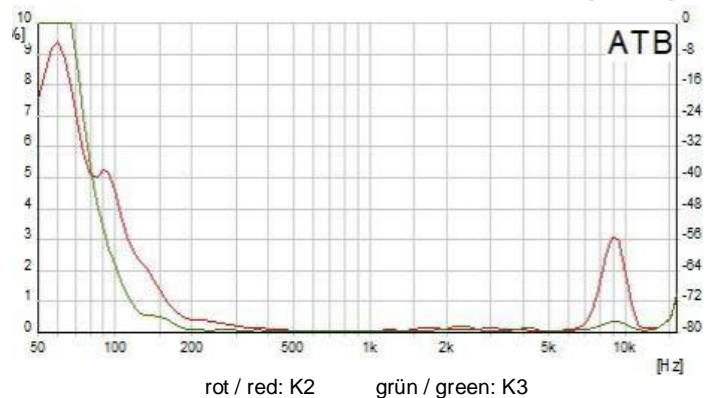
Frequenzgang / Frequency response [1W/1m]



Impedanzverlauf / Impedance



Klirrfaktoren / Harmonic Distortion [1w / 1m]



rot / red: K2 grün / green: K3

Freigabe erteilt: Datum:
ProPlan Muster: 7754

Unterschrift:
06.07.2016

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