

## Lautsprecherdatenblatt / Speaker Specifications

Datum / Date: 18.08.2020

Bezeichnung / Denomination: Subwoofer 200/37/100

Artikel-Nr. / Article-No.: 124 0002 00

Kunde / Customer: Valeriy Orlov

Bemerkung / Note:



<b>Gleichstromwiderstand / DC restance</b>	$R_{dc}$	3,5 $\Omega$
<b>Nennimpedanz / Nominal impedance</b>	$Z_N$	4 $\Omega$
<b>Resonanzfrequenz / Resonance frequency</b>	$f_s$	55,71 HZ

<b>Spulendurchmesser / Voice coil diameter</b>		37 mm
<b>Spulenbreite / Voice coil height</b>		13 mm

<b>Mechanische Güte / Mechanical Q factor</b>	$Q_{ms}$	6,59
<b>Elektrische Güte / Electrical Q factor</b>	$Q_{es}$	0,77
<b>Gesamtgüte / Total Q factor</b>	$Q_{ts}$	0,69

<b>Dynamisch bewegte Masse / Moving mass</b>	$m_d$	27,15 g
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<b>Effektive Membranfläche / Effective piston area</b>	$S_m$	208 cm <sup>2</sup>
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<b>Mechanischer Widerstand / Mechanical resistance</b>	$R_{ms}$	1,44 Kg/s
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<b>Nachgiebigkeit / Compliance</b>	$C_{ms}$	0,3 mm/N
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<b>Antriebsfaktor / Force factor</b>	$BL$	6,56 Tm
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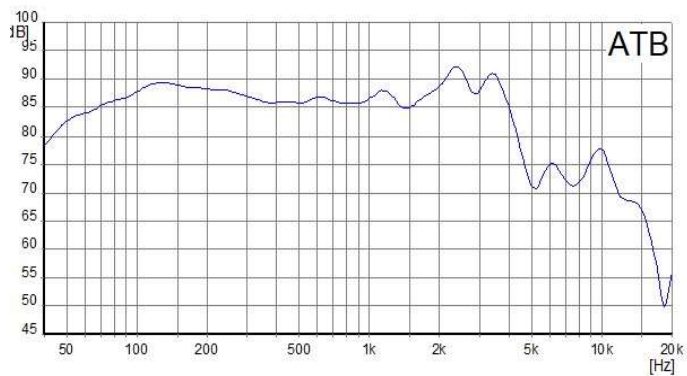
<b>Äquivalentvolumen / Equivalent air volume</b>	$V_{as}$	18,26 dm <sup>3</sup>
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<b>Wirkungsgrad / Efficiency</b>	$\eta$	0,39 %
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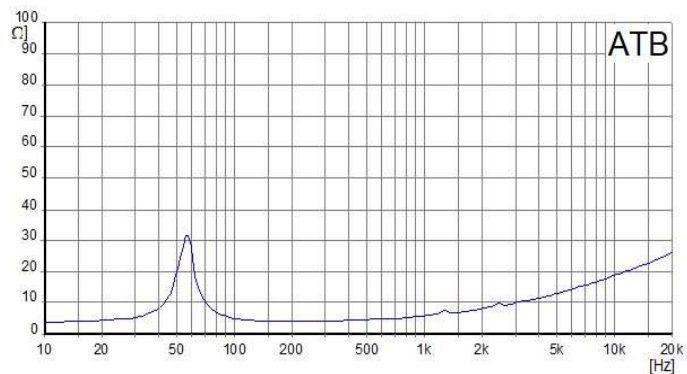
<b>SPL 1W/1m</b>		87,95 dB
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<b>SPL 2,83V/1m</b>		91,54 dB
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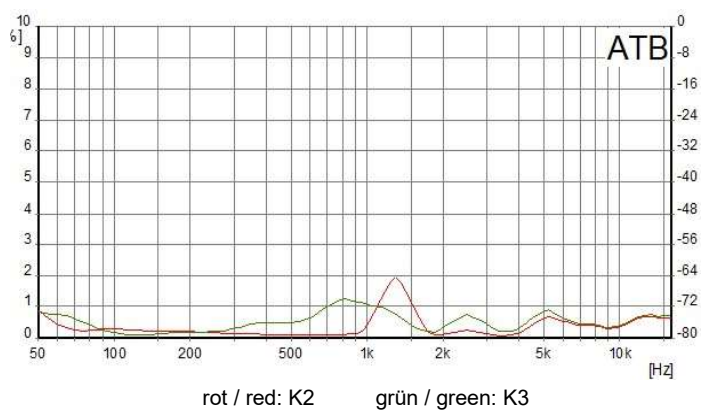
Frequenzgang / Frequency response [1W/1m]



Impedanzverlauf / Impedance



Klirrfaktoren / Harmonic Distortion [1w / 1m]



Freigabe erteilt:  Datum:

Unterschrift: