

Lautsprecherdatenblatt / Speaker Specifications

Datum / Date: 08.05.2018

Bezeichnung / Denomination: T100/25/72/P
 Artikel-Nr. / Article-No.: 970 0521 00
 Kunde / Customer: Ehmann & Partner GmbH
 Bemerkung / Note:



Gleichstromwiderstand / DC restance	R_{dc}	3,4 Ω
Nennimpedanz / Nominal impedance	Z_N	4 Ω
Resonanzfrequenz / Resonance frequency	f_s	106,61 HZ

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

Mechanische Güte / Mechanical Q factor	Q_{ms}	3,39
Elektrische Güte / Electrical Q factor	Q_{es}	0,97
Gesamtgüte / Total Q factor	Q_{ts}	0,75

Dynamisch bewegte Masse / Moving mass	m_d	5,49 g
Effektive Membranfläche / Effective piston area	S_m	54 cm ²

Mechanischer Widerstand / Mechanical resistance	R_{ms}	1,09 Kg/s
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Nachgiebigkeit / Compliance	C_{ms}	0,41 mm/N
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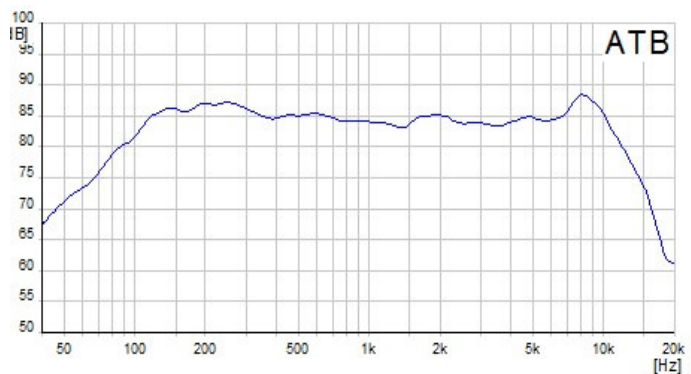
Antriebsfaktor / Force factor	BL	3,59 Tm
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Äquivalentvolumen / Equivalent air volume	V_{as}	1,66 dm ³
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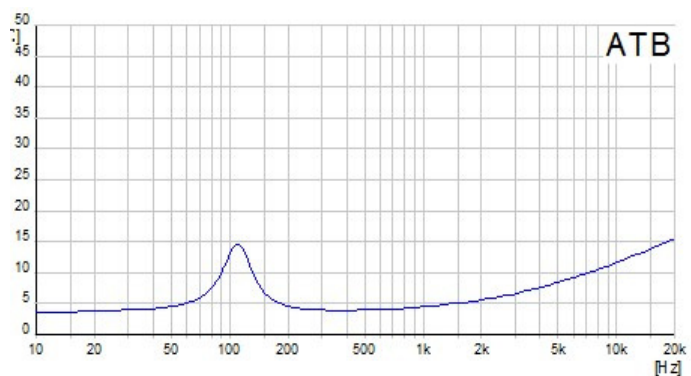
Wirkungsgrad / Efficiency	η	0,2 %
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SPL 1W/1m		85,01 dB
SPL 2,83V/1m		88,72 dB

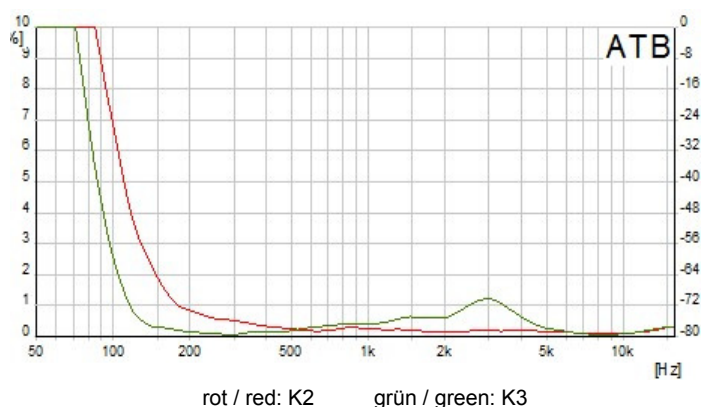
Frequenzgang / Frequency response [1W/1m]



Impedanzverlauf / Impedance



Klirrfaktoren / Harmonic Distortion [1w / 1m]



Freigabe erteilt: Datum:

Unterschrift: