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Lautsprecherdatenblatt / Speaker Specifications

Bezeichnung / Denomination: Master 3000 MW

Artikel-Nr. / Article-No.: 970 0073 00

Kunde / Customer: Dego

Bemerkung / Note:



Gleichstromwiderstand / DC restance	R_{dc}	3,4 Ω
Nennimpedanz / Nominal impedance	Z_N	4 Ω
Resonanzfrequenz Resonance frequency	f_s	72 HZ

Spulendurchmesser Voice coil diameter	37 mm
Spulenbreite / Voice coil height	12 mm

Mechanische Güte / Mechanical Q factor	Q_{ms}	9,53
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Elektrische Güte / Electrical Q factor	Q_{es}	0,51
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Gesamtgüte Total Q factor	Q_{ts}	0,48
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Dynamisch bewegte Masse / Moving mass	m_d	15 g
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Effektive Membranfläche / Effective piston area	S_m	135 cm ²
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Mechanischer Widerstand / Mechanical resistance	R_{ms}	0,72 Kg/s
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Nachgiebigkeit / Compliance	C_{ms}	0,32 mm/N
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Antriebsfaktor / Force factor	BL	6,74 Tm
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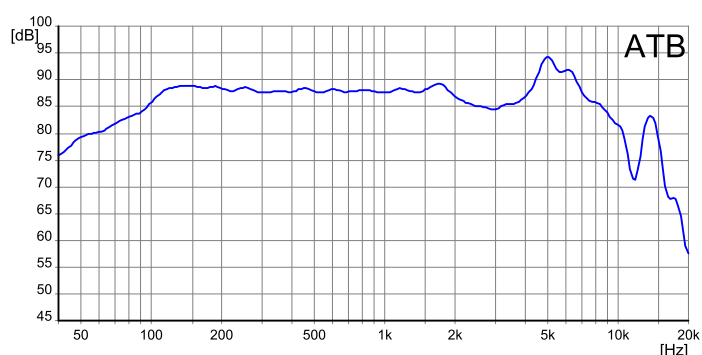
Äquivalentvolumen / Equivalent air volume	V_{as}	8,25 dm ³
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Wirkungsgrad / Efficiency	η	0,59 %
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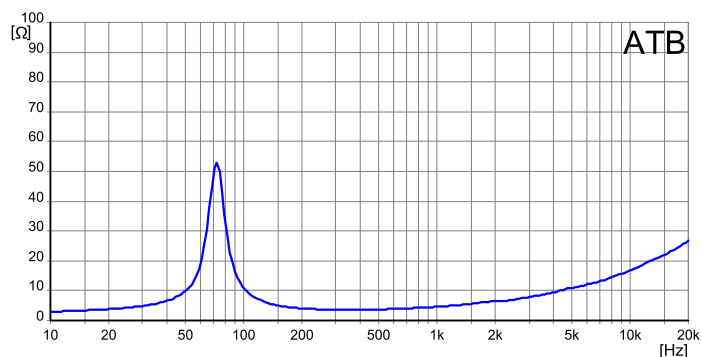
SPL 1W/1m	89,7 dB
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SPL 2,83V/1m	93,4 dB
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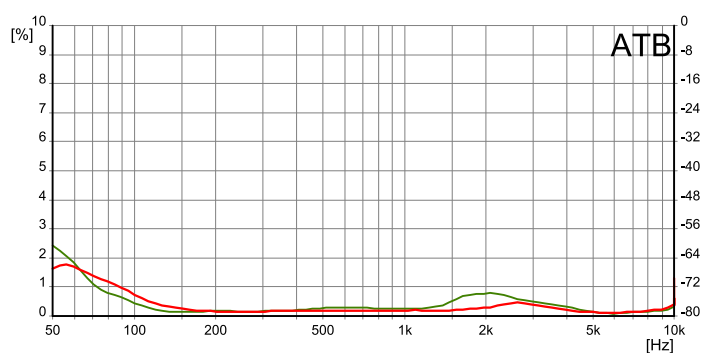
Frequenzgang / Frequency response [1W/1m]



Impedanzverlauf / Impedance



Klirrfaktoren / Harmonic Distortion [1w / 1m]



rot / red: K2

grün / green: K3