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Lautsprecherdatenblatt / Speaker Specifications

Bezeichnung / Denomination: Master 3000 T

Artikel-Nr. / Article-No.: 970 0075 00

Kunde / Customer: Dego

Bemerkung / Note:



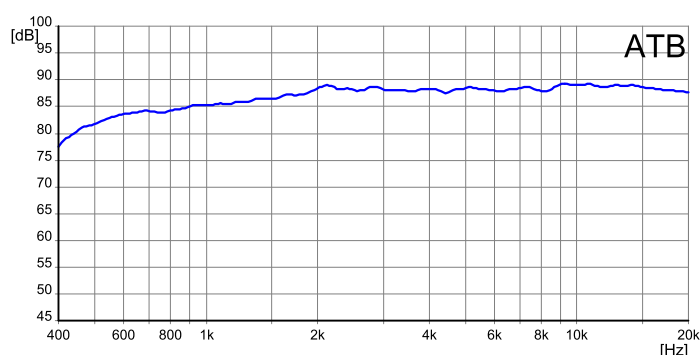
Gleichstromwiderstand / DC resistance	R_{dc}	3,4 Ω
Nennimpedanz / Nominal impedance	Z_N	4 Ω
Resonanzfrequenz Resonance frequency	f_s	582 HZ

Spulendurchmesser Voice coil diameter	25 mm
Spulenbreite / Voice coil height	1,4 mm

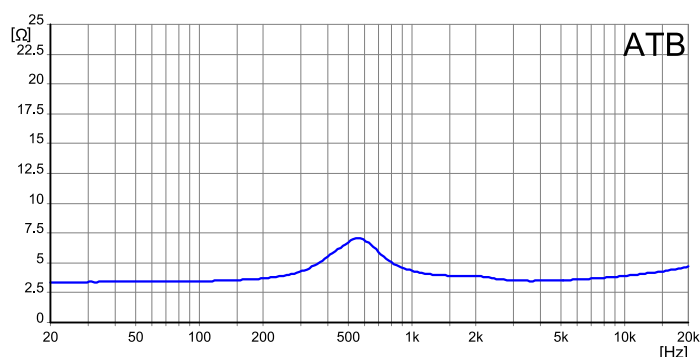
Mechanische Güte / Mechanical Q factor	Q_{ms}	1,32
Elektrische Güte / Electrical Q factor	Q_{es}	0,79
Gesamtgüte Total Q factor	Q_{ts}	0,49

Dynamisch bewegte Masse / Moving mass	m_d	0,3 g
Effektive Membranfläche / Effective piston area	S_m	7,07 cm ²
Mechanischer Widerstand / Mechanical resistance	R_{ms}	0,83 Kg/s
Nachgiebigkeit / Compliance	C_{ms}	0,25 mm/N
Antriebsfaktor / Force factor	BL	2,18 Tm
Äquivalentvolumen / Equivalent air volume	V_{as}	0,018 dm ³
Wirkungsgrad / Efficiency	η	0,43 %
SPL 1W/1m		88,5 dB
SPL 2,83V/1m		92,2 dB

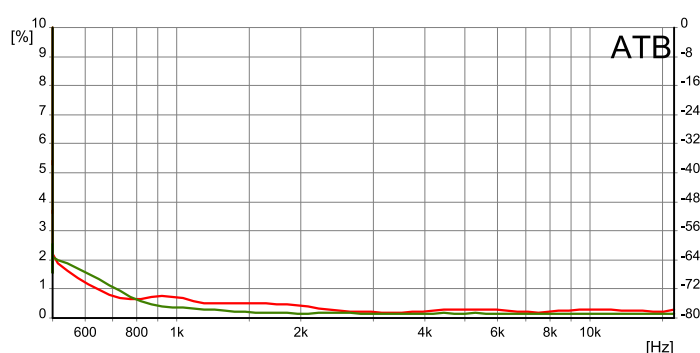
Frequenzgang / Frequency response [1W/1m]



Impedanzverlauf / Impedance



Klirrfaktoren / Harmonic Distortion [1w / 1m]



rot / red: K2 grün / green: K3