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Lautsprecherdatenblatt / Speaker Specifications

Bezeichnung / Denomination: Nova 3000 SW 300 A

Artikel-Nr. / Article-No.: 970 0082 00

Kunde / Customer: Dego

Bemerkung / Note:



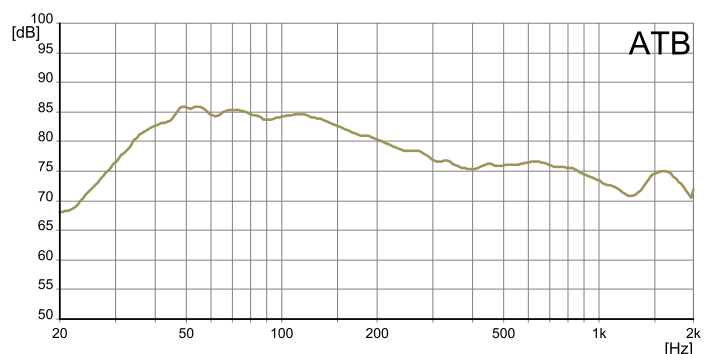
Gleichstromwiderstand / DC resistance	R_{dc}	2x1.8 Ω
Nennimpedanz / Nominal impedance	Z_N	2x2 Ω
Resonanzfrequenz Resonance frequency	f_s	25 Hz

Spulendurchmesser Voice coil diameter	65 mm
Spulenbreite / Voice coil height	38.4 mm

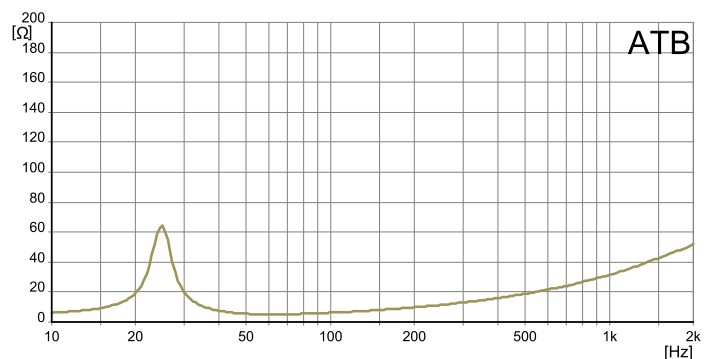
Mechanische Güte / Mechanical Q factor	Q_{ms}	9.07
Elektrische Güte / Electrical Q factor	Q_{es}	0.47
Gesamtgüte Total Q factor	Q_{ts}	0.45

Dynamisch bewegte Masse / Moving mass	m_d	222.6 g
Effektive Membranfläche / Effective piston area	S_m	520 cm ²
Mechanischer Widerstand / Mechanical resistance	R_{ms}	3.80 Kg/s
Nachgiebigkeit / Compliance	C_{ms}	0.19 mm/N
Antriebsfaktor / Force factor	BL	16.2 Tm
Äquivalentvolumen / Equivalent air volume	V_{as}	70.7 dm ³
Wirkungsgrad / Efficiency	η	0.22 %
SPL 1W/1m		85.4 dB
SPL 2,83V/1m		88.8 dB

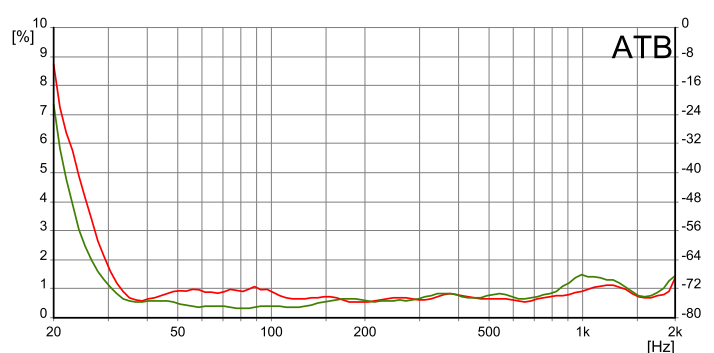
Frequenzgang / Frequency response [1W/1m]



Impedanzverlauf / Impedance



Klirrfaktoren / Harmonic Distortion [1w / 1m]



rot / red: K2

grün / green: K3