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Lautsprecherdatenblatt / Speaker Specification

Bezeichnung / Denomination: Nova 3000 SW 300 P

Artikel-Nr. / Article-No.: 970 0083 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	23.7 Hz

Spulendurchmesser
Voice coil diameter 65 mm

Spulenbreite /
Voice coil height 38.4 mm

Mechanische Güte /
Mechanical Q factor Q_{ms} 9.69

Elektrische Güte /
Electrical Q factor Q_{es} 0.44

Gesamtgüte
Total Q factor Q_{ts} 0.42

Dynamisch bewegte Masse /
Moving mass m_d 208.2 g

Effektive Membranfläche /
Effective piston area S_m 520 cm²

Mechanischer Widerstand /
Mechanical resistance R_{ms} 3.20 Kg/s

Nachgiebigkeit /
Compliance C_{ms} 0.22 mm/N

Antriebsfaktor /
Force factor BL 15.9 Tm

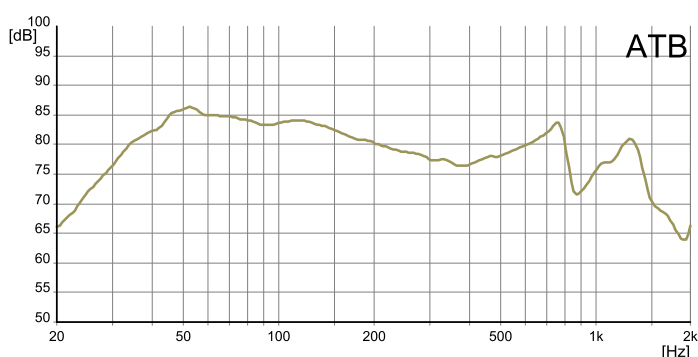
Äquivalentvolumen /
Equivalent air volume V_{as} 82.5 dm³

Wirkungsgrad /
Efficiency η 0.24 %

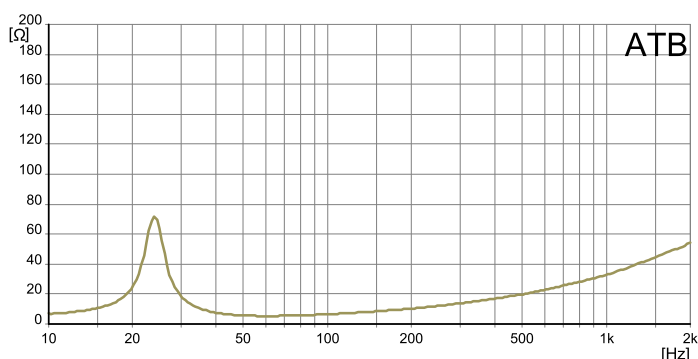
SPL 1W/1m 85.8 dB

SPL 2,83V/1m 89.2 dB

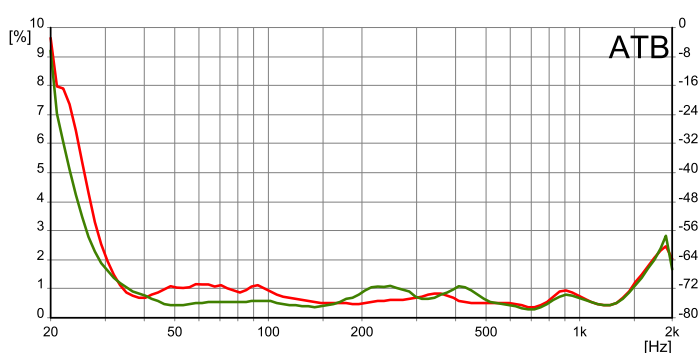
Frequenzgang / Frequency response [1W/1m]



Impedanzverlauf / Impedance



Klirrfaktoren / Harmonic Distortion [1W/1m]



rot / red: K2

grün / green: K3