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Lautsprecherdatenblatt / Speaker Specifications

Bezeichnung / Denomination: Nova 3000 SW 200 A

Artikel-Nr. / Article-No.: 970 0078 00

Kunde / Customer: Dego

Bemerkung / Note:



Gleichstromwiderstand / R_{dc} 2x1.8 Ω
DC resistance

Nennimpedanz / Z_N 2x2 Ω
Nominal impedance

Resonanzfrequenz f_s 31.6 HZ
Resonance frequency

Spulendurchmesser 50 mm
Voice coil diameter

Spulenbreite / 30.5 mm
Voice coil height

Mechanische Güte / Q_{ms} 9.64
Mechanical Q factor

Elektrische Güte / Q_{es} 0.58
Electrical Q factor

Gesamtgüte Q_{ts} 0.53
Total Q factor

Dynamisch bewegte Masse / m_d 97.4 g
Moving mass

Effektive Membranfläche / S_m 218 cm²
Effective piston area

Mechanischer Widerstand / R_{ms} 2.82 Kg/s
Mechanical resistance

Nachgiebigkeit / C_{ms} 0.26 mm/N
Compliance

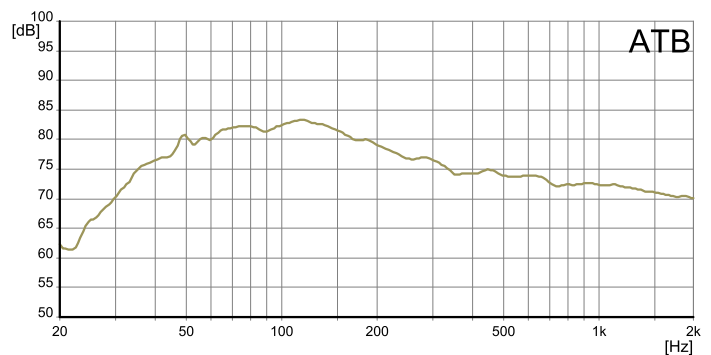
Antriebsfaktor / BL 11.8 Tm
Force factor

Äquivalentvolumen / V_{as} 17.5 dm³
Equivalent air volume

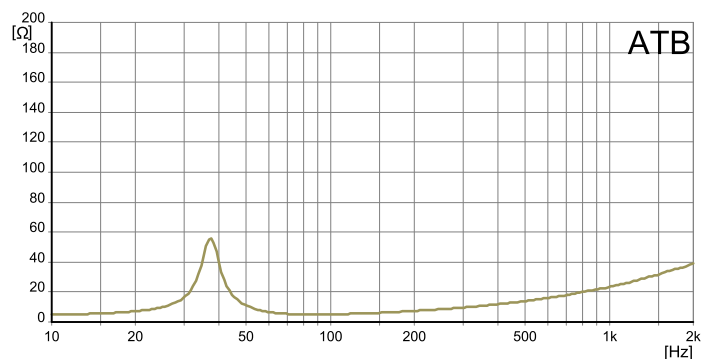
Wirkungsgrad / η 0.11 %
Efficiency

SPL 1W/1m 82.2 dB

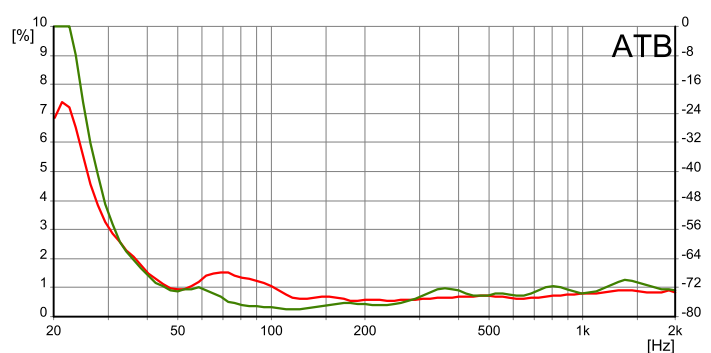
SPL 2,83V/1m 85.7 dB



Impedanzverlauf / Impedance



Klirrfaktoren / Harmonic Distortion [1w / 1m]



rot / red: K2

grün / green: K3