



Norman Gerkinsmeyer – Kasernstraße 41 – 89231 Neu-Ulm – Germany – Phone +49 731 3793475 – Fax +49 731 3793476

Sample Specifications

Datum / Date: 26.10.2015

Bezeichnung / Denomination: S180/37/66/PSP-8Ohm
 Artikel-Nr. / Article-No.: 770 0050 00

Kunde / Customer:
 Bemerkung / Note:



Gleichstromwiderstand / R 6,3 \wedge
 DC restance _{dc}
Nennimpedanz / Z 8 \wedge
 Nominal impedance _N
Resonanzfrequenz f 42,91HZ
 Resonance frquency _s
Spulendurchmesser 37mm
 Voice coil diameter
Spulenbreite / 25mm
 Voice coil height linear 9,5 mm +/-

Mechanische Güte / Q 6,35
 Mechanical Q factor _{ms}
Elektrische Güte / Q 0,49
 Electrical Q factor _{es}
Gesamtgüte Q 0,46
 Total Q factor _{ts}

Dynamisch bewegte Masse /m 26,42g
 Moving mass _d

Effektive Membranfläche / S 135cm²
 Effective piston area _m

Mechanischer Widerstand / R 1,12Kg/s
 Mechanical resistance _{ms}

Nachgiebigkeit / C 0,52mm/N
 Compliance _{ms}

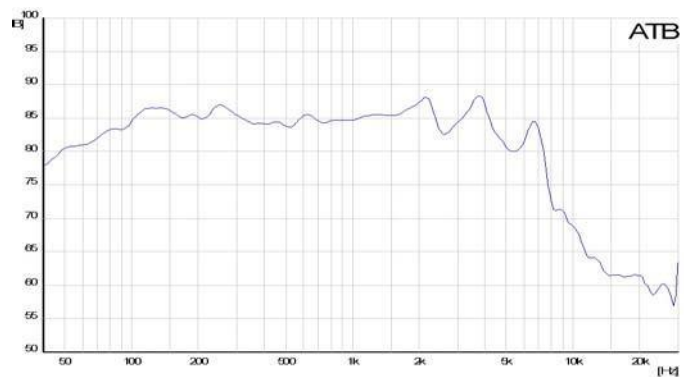
Antriebsfaktor / BL 9,54Tm
 Force factor

Äquivalentvolumen / V 13,33dm³
 Equivalent air volume _{as}

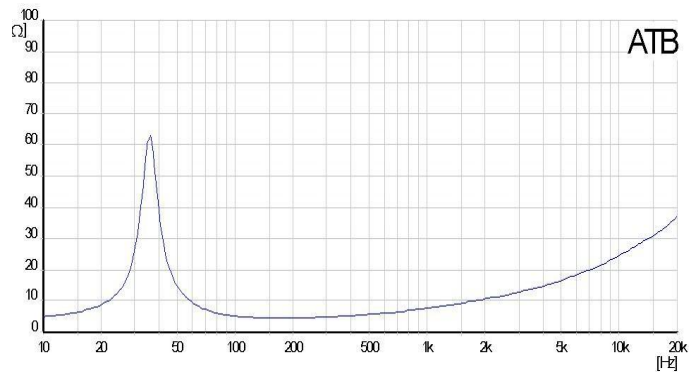
Wirkungsgrad / | 0,21%
 Efficiency

SPL 1W/1m 85,13dB
SPL 2,83V/1m 86,17dB

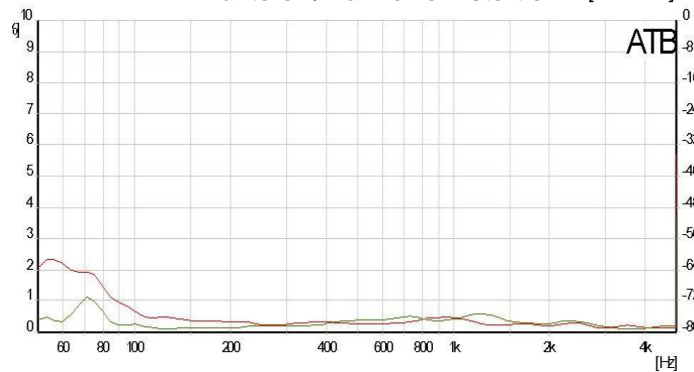
Frequenzgang / Frequency response [1W/1m]



Impedanzverlauf / Impedance



Klirrfaktoren / Harmonic Distortion [1w / 1m]



rot / red: K2 grün / green: K3