



Sample Specifications

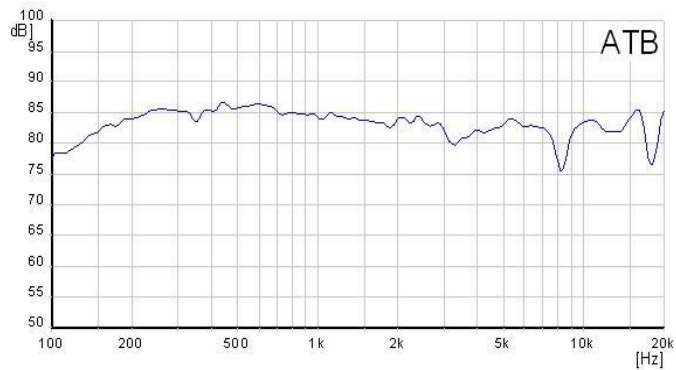
Datum / Date: 02.07.2012



Bezeichnung / Denomination: FDS 60/19/18/Al/Cu-Schaumsicke
 Projekt / Project: FDS 60/19/18/Al
 Muster-Nr. / Sample-No.: 6956
 Kunde / Customer:

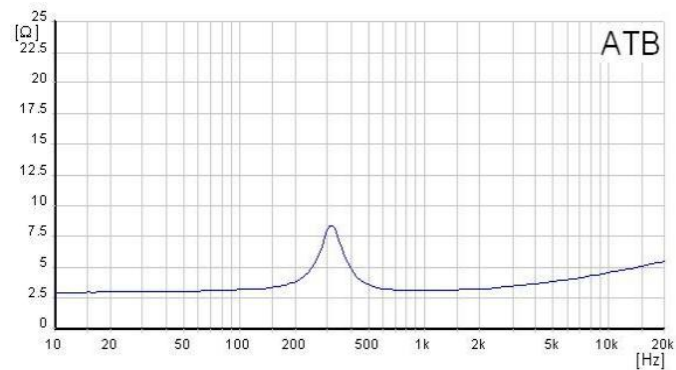
Gleichstromwiderstand / R_{dc} 3 \wedge
 DC restance
Nennimpedanz / Z_N 4 \wedge
 Nominal impedance
Resonanzfrequenz f_s 294,21HZ
 Resonance frquency
Spulendurchmesser 19mm
 Voice coil diameter
Spulenbreite / 4mm
 Voice coil height

Frequenzgang / Frequency response[1W/1m]



Mechanische Güte / Q_{ms} 3,31
 Mechanical Q factor
Elektrische Güte / Q_{es} 1,73
 Electrical Q factor
Gesamtgüte Q_{ts} 1,14
 Total Q factor
Dynamisch bewegte Masse / m_d 0,8g
 Moving mass

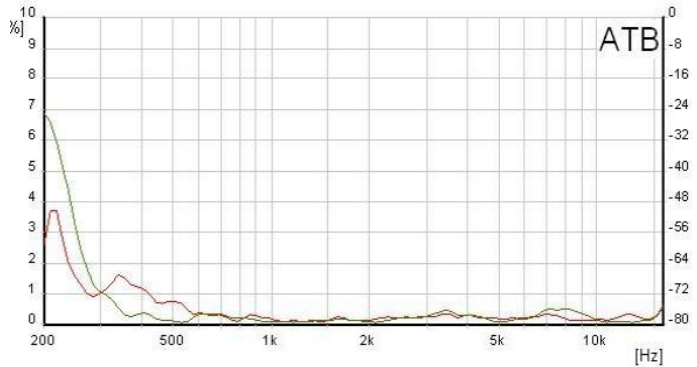
Impedanzverlauf / Impedance



Effektive Membranfläche /S m 17,35cm²
 Effective piston area

Mechanischer Widerstand / R_{ms} 0,44Kg/s
 Mechanical resistance

Klirrfaktoren / Harmonic Distortion [1w / 1m]



Nachgiebigkeit / C_{ms} 0,37mm/N
 Compliance
Antriebsfaktor / BL 1,6Tm
 Force factor
Äquivalentvolumen / V_{as} 0,16dm³
 Equivalent air volume
Wirkungsgrad / | 0,22%
 Efficiency

SPL 1W/1m 85,42dB
SPL 2,83V/1m 89,68dB

rot / red: K2 grün / green: K3