



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

Sample Specifications

Datum / Date: 26.10.2015

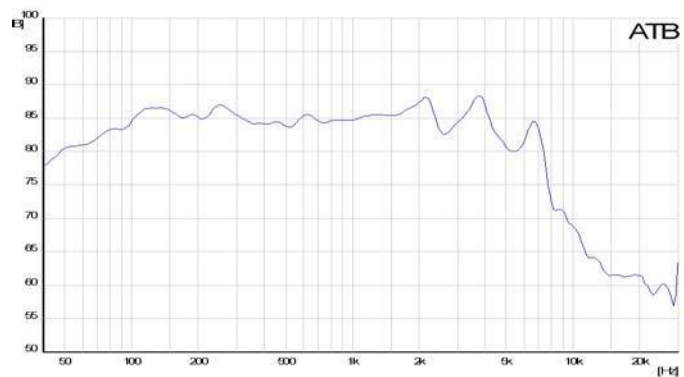
Bezeichnung / Denomination: S180/37/66/PSP-8Ohm
 Artikel-Nr. / Article-No.: 770 0050 00

Kunde / Customer:
 Bemerkung / Note:

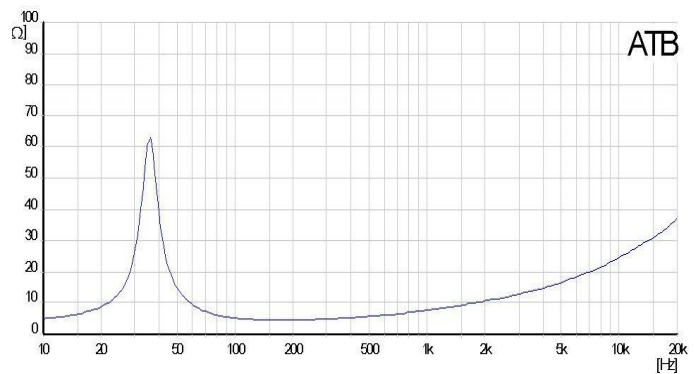


Gleichstromwiderstand / DC restance	R_{dc}	6,3 ^
Nennimpedanz / Nominal impedance	Z_N	8 ^
Resonanzfrequenz Resonance frequency	f_s	42,91 HZ
Spulendurchmesser Voice coil diameter		37 mm
Spulenbreite / Voice coil height	linear 9,5 mm +/-	25 mm
Mechanische Güte / Mechanical Q factor	Q_{ms}	6,35
Elektrische Güte / Electrical Q factor	Q_{es}	0,49
Gesamtgüte Total Q factor	Q_{ts}	0,46
Dynamisch bewegte Masse /m Moving mass	m_d	26,42 g
Effektive Membranfläche / Effective piston area	S_m	135 cm ²
Mechanischer Widerstand / Mechanical resistance	R_{ms}	1,12 Kg/s
Nachgiebigkeit / Compliance	C_{ms}	0,52 mm/N
Antriebsfaktor / Force factor	BL	9,54 Tm
Äquivalentvolumen / Equivalent air volume	V_{as}	13,33 dm ³
Wirkungsgrad / Efficiency	 	0,21 %
SPL 1W/1m		85,13 dB
SPL 2,83V/1m		86,17 dB

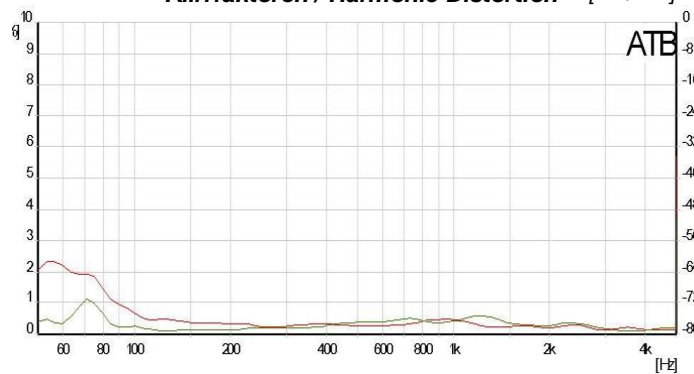
Frequenzgang / Frequency response [1W/1m]



Impedanzverlauf / Impedance



Klirrfaktoren / Harmonic Distortion [1w / 1m]



rot / red: K2 grün / green: K3