



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

Sample Specifications

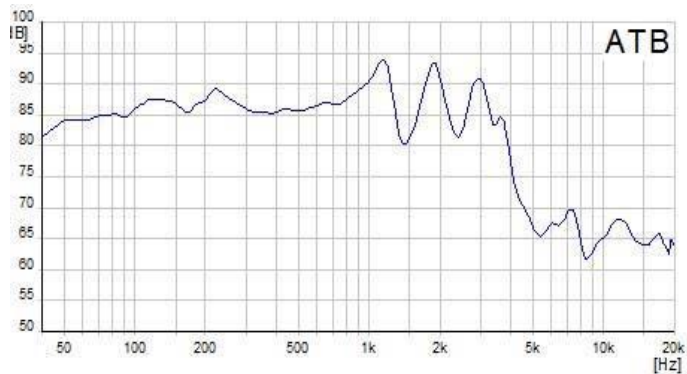
Datum / Date: 19.04.2016

Bezeichnung / Denomination: T200/37/66/PSP-Neo/flat DZ
Projekt / Project: Automotive Sub Bass
Muster-Nr. / Sample-No.: 7704
Kunde / Customer: Gerkinsmeyer

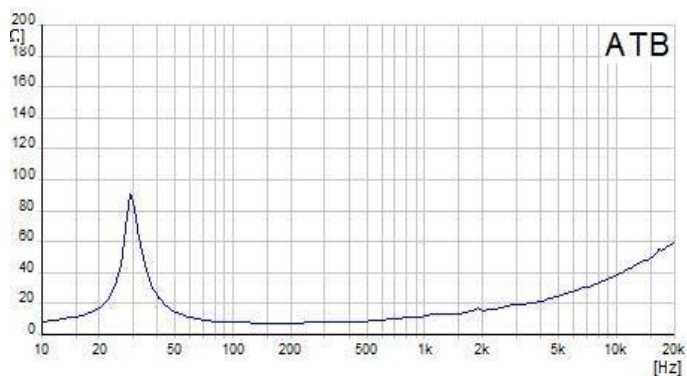


Gleichstromwiderstand /	R_{dc}	6,8 \wedge
DC restance		
Nennimpedanz /	Z_N	8 \wedge
Nominal impedance		
Resonanzfrequenz	f_s	30,34HZ
Resonance frequency		
Spulendurchmesser		37mm
Voice coil diameter		
Spulenbreite /		23mm
Voice coil height		+/- 8 mm
Mechanische Güte /	Q_{ms}	6,5
Mechanical Q factor		
Elektrische Güte /	Q_{es}	0,49
Electrical Q factor		
Gesamtgüte	Q_{ts}	0,46
Total Q factor		
Dynamisch bewegte Masse /	m_d	44,88g
Moving mass		
Effektive Membranfläche /	S_m	236cm ²
Effective piston area		
Mechanischer Widerstand /	R_{ms}	1,32Kg/s
Mechanical resistance		
Nachgiebigkeit /	C_{ms}	0,61mm/N
Compliance		
Antriebsfaktor /	BL	10,85Tm
Force factor		
Äquivalentvolumen /	V_{as}	47,96dm ³
Equivalent air volume		
Wirkungsgrad /	η	0,26%
Efficiency		
SPL 1W/1m		86,17dB
SPL 2,83V/1m		86,88dB

Frequenzgang / Frequency response [1W/1m]



Impedanzverlauf / Impedance



Klirrfaktoren / Harmonic Distortion [1w / 1m]

