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

Sample Specifications

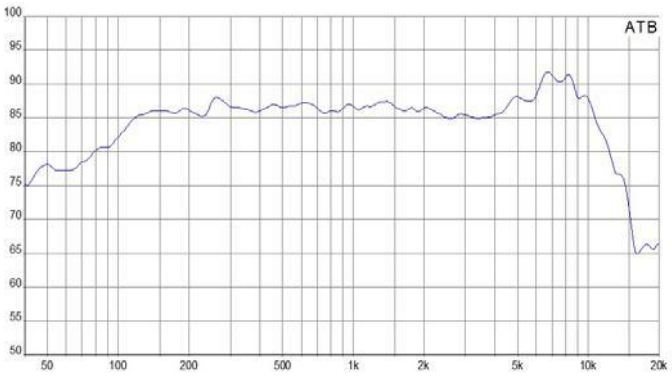
Datum / Date:22.05.2014

Bezeichnung / Denomination: T120/30/84/P²C
Projekt / Project:

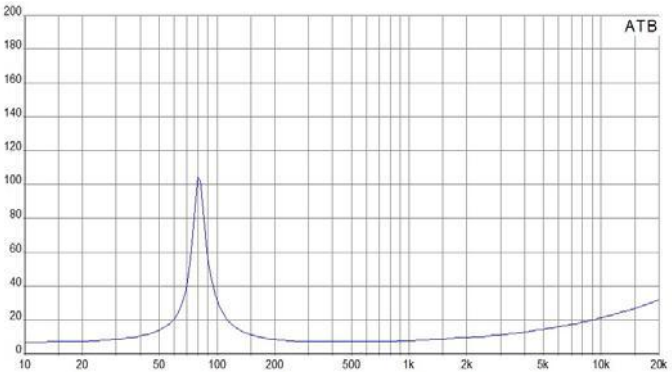
Muster-Nr. / Sample-No.: 7358
Kunde / Customer: Gerkinsmeyer

Gleichstromwiderstand / *DC restance*	R_{dc}	6,2 ^
Nennimpedanz / *Nominal impedance*	Z_N	**8** ^
Resonanzfrequenz *Resonance frquency*	f_s	81,8*HZ*
Spulendurchmesser *Voice coil diameter*		30*mm*
Spulenbreite / *Voice coil height*		7*mm*
Mechanische Güte / *Mechanical Q factor*	Q_{ms}	8,95
Elektrische Güte / *Electrical Q factor*	Q_{es}	0,54
Gesamtgüte *Total Q factor*	Q_{ts}	0,51
Dynamisch bewegte Masse / *Moving mass*	m_d	6,05g
Effektive Membranfläche / *Effective piston area*	S_m	55,4cm2
Mechanischer Widerstand / *Mechanical resistance*	R_{ms}	0,35Kg/s
Nachgiebigkeit / *Compliance*	C_{ms}	0,63mm/N
Antriebsfaktor / *Force factor*	BL	5,98Tm
Äquivalentvolumen / *Equivalent air volume*	V_{as}	2,7dm3
Wirkungsgrad / *Efficiency*	|	0,26%
SPL 1W/1m		86,21dB
SPL 2,83V/1m		87,32dB

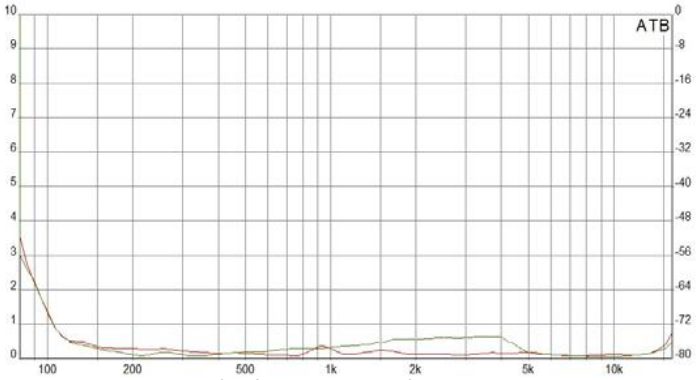
Frequenzgang / Frequency response*[1W/1m]*



Impedanzverlauf / Impedance



Klirrfaktoren / Harmonic Distortion *[1w / 1m]*



rot / red: K2 grün / green: K3

Freigabe erteilt: **Datum:** **Unterschrift:**
ProPlan Muster: 7358 22.05.2014