



### Sample Specifications

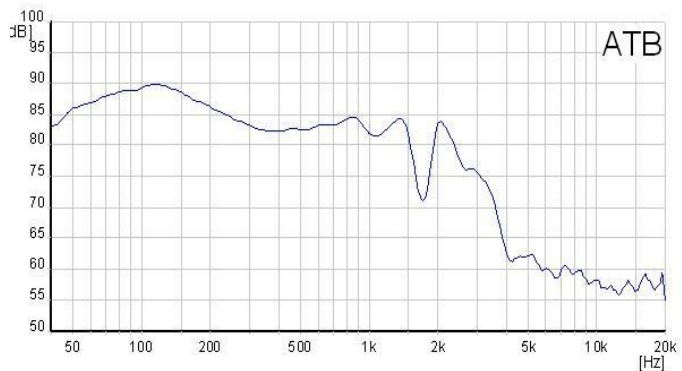
Datum / Date: 28.09.2012

Bezeichnung / Denomination: ATE 300 P2F CR / CCAW  
 Projekt / Project:  
 Muster-Nr. / Sample-No.: 7027  
 Kunde / Customer:



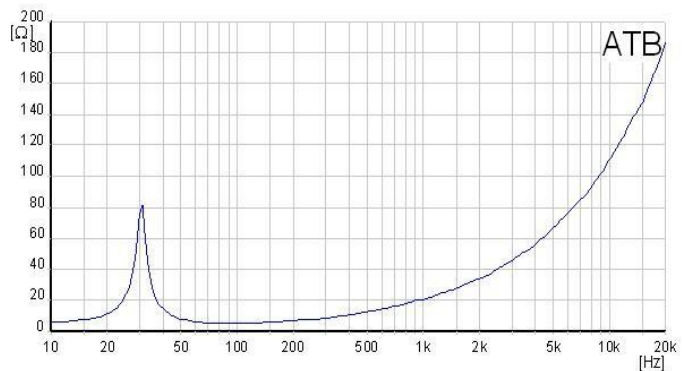
**Gleichstromwiderstand /**  $R_{dc}$  3,6  $\wedge$   
 DC restance  
**Nennimpedanz /**  $Z_N$  4  $\wedge$   
 Nominal impedance  
**Resonanzfrequenz**  $f_s$  30,32HZ  
 Resonance frquency  
**Spulendurchmesser** 65mm  
 Voice coil diameter  
**Spulenbreite /** 33mm  
 Voice coil height

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



**Mechanische Güte /**  $Q_{ms}$  9,68  
 Mechanical Q factor  
**Elektrische Güte /**  $Q_{es}$  0,45  
 Electrical Q factor  
**Gesamtgüte**  $Q_{ts}$  0,43  
 Total Q factor

**Impedanzverlauf / Impedance**



**Dynamisch bewegte Masse /m**  $d$  145,86g  
 Moving mass

**Effektive Membranfläche /**  $S_m$  510cm<sup>2</sup>  
 Effective piston area

**Mechanischer Widerstand /**  $R_{ms}$  2,87Kg/s  
 Mechanical resistance

**Nachgiebigkeit /**  $C_{ms}$  0,19mm/N  
 Compliance

**Antriebsfaktor /**  $BL$  14,92Tm  
 Force factor

**Äquivalentvolumen /**  $V_{as}$  69,02dm<sup>3</sup>  
 Equivalent air volume

**Wirkungsgrad /** | 0,41%  
 Efficiency

**SPL 1W/1m** 88,16dB  
**SPL 2,83V/1m** 91,62dB

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

