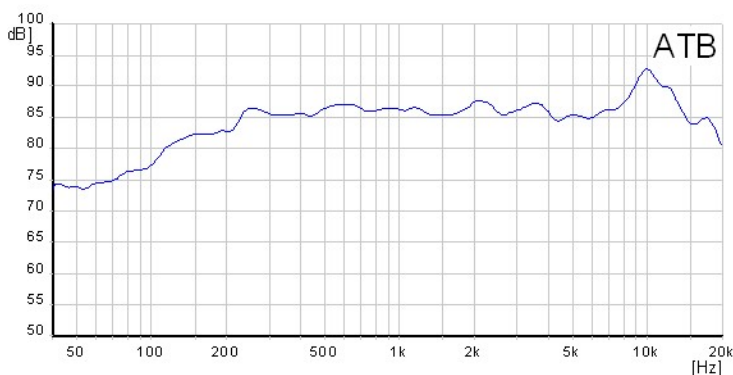


## ZERO 80 PRO

### Midrange specifications:

Name		<b>HG-80ZPPP-3</b>
DC resistance	<i>R<sub>dc</sub></i>	<b>3,4 Ω</b>
Nominal impedance	<i>Z<sub>N</sub></i>	<b>4 Ω</b>
Resonance frequency	<i>f<sub>s</sub></i>	<b>113,2 HZ</b>
Voice coil diameter		<b>19 mm</b>
Mechanical Q factor	<i>Q<sub>ms</sub></i>	<b>3,78</b>
Electrical Q factor	<i>Q<sub>es</sub></i>	<b>0,39</b>
Total Q factor	<i>Q<sub>ts</sub></i>	<b>0,35</b>
Moving mass <i>M<sub>ms</sub></i>		<b>2,84 g</b>
Effective piston area	<i>S<sub>d</sub></i>	<b>33,2 cm<sup>2</sup></b>
Mechanical resistance	<i>R<sub>ms</sub></i>	<b>0,54 Kg/s</b>
Compliance	<i>C<sub>ms</sub></i>	<b>0,70 mm/N</b>
Force factor	<i>BL</i>	<b>4,23 Tm</b>
Equivalent air volume	<i>V<sub>as</sub></i>	<b>1,08 dm<sup>3</sup></b>
Efficiency	<i>η</i>	<b>0,39 %</b>
SPL 2,83V/1m		<b>91,64 dB</b>
High-pass / Hochpass		<b>&gt; 350 Hz 18 dB/Oct</b> <b>&gt; 400 Hz 12 dB/Oct</b>



Cone: **Paper**  
 Spider: **Nomex**  
 Surround: **Rubber**  
 Coil former: **Aluminum**  
 Basket: **Steel**  
 Phase Plug: **Aluminum**

