Woofer model: ASDWL2000-0200

This 4 inch Woofer, The main design features include a steel basket, and a venting dual Neodymium magnet motor system. Ferro-fluid cooled to further lowering the distortion level. The main cone body uses black Anodized Aluminum cone , with one piece Anodized Aluminum dust cap, which is directly couple to voice coil. This product is designed for portable and compact applications.

Transducer front and side images:

Specifications:

T-S Parameters

Resonance frequency [fs]	85 Hz
Mechanical Q factor [Qms]	2.997
Electrical Q factor [Qes]	0.726
Total Q factor [Qts]	0.584
Force factor [Bl]	3.715 Tm
Mechanical resistance [Rms]	1.594 kg/s
Moving mass [Mms]	8.936 g
Compliance [Cms]	0.391 mm/N
Effective diaph. diameter [D]	91 mm
Effective piston area [Sd]	65.04 cm²
Equivalent volume [Vas]	2.344 l
Sensitivity (2.83V/1m)	88 dB
Ratio Bl/√Re	2.56 N/√W
Ratio fs/Qts	145.72 Hz

Electrical Data

Nominal impedance [Zn]	2.4 Ω
Minimum impedance [Zmin]	2.4 Ω
Maximum impedance [Zo]	11.54 Ω
DC resistance [Re]	2.10 Ω
Voice coil inductance [Le]	0.183 mH

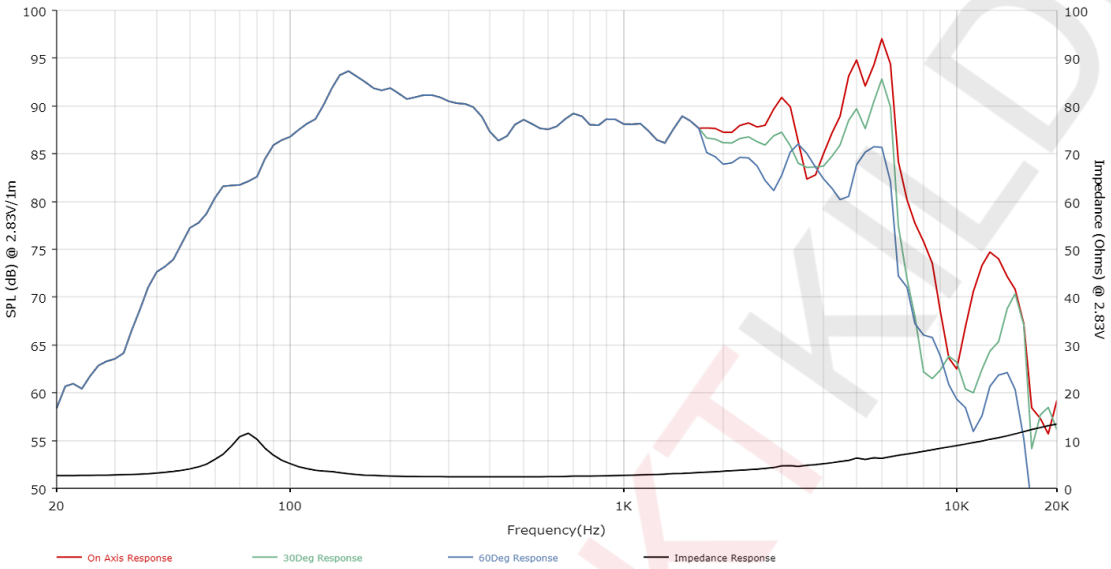
Power Handling

100h RMS noise test (IEC 18.4)	8 W
Long-term max power (IEC 18.2)	10 W

Voice Coil & Magnet Data

Voice coil diameter	25.4 mm
Voice coil height	9.1 mm
Voice coil layers	4
Height of gap	4 mm
Linear excursion	± 2.55 mm
Max mech. excursion	± - mm
Unit weight	0.191 kg

Frequency Response / Impedance Curve:



Transducer front and side images: