

● *Woofer model: AUGWL0006-JN01*

The 2.25 inch ultra-thin Woofer uses a Die-cast Aluminum frame and an oversized voice coil with short coil width is connected to the cone. This double radial and long magnet system provides high excursion and no stray magnetic field, while a large hole is punched in the bottom of the U-yoke to reduce air pressure at the high excursion. The black anodized cone and dust cap extend the frequency response to high frequency.

● *Transducer front and side images:*



● *Specifications:*

T-S Parameters

Resonance frequency [fs]	158 Hz
Mechanical Q factor [Qms]	4.539
Electrical Q factor [Qes]	0.736
Total Q factor [Qts]	0.634
Force factor [Bl]	3.524 Tm
Mechanical resistance [Rms]	0.546 kg/s
Moving mass [Mms]	2.497 g
Compliance [Cms]	0.406 mm/N
Effective diaph. diameter [D]	43.8 mm
Effective piston area [Sd]	15.06 cm ²
Equivalent volume [Vas]	0.131 l
Sensitivity (2.83V/1m)	82 dB
Ratio Bl/√Re	1.91 N/√W
Ratio fs/Qts	249.21 Hz

Electrical Data

Nominal impedance [Zn]	4 Ω
Minimum impedance [Zmin]	3.931 Ω
Maximum impedance [Zo]	13.785 Ω
DC resistance [Re]	3.4 Ω
Voice coil inductance [Le]	0.143 mH

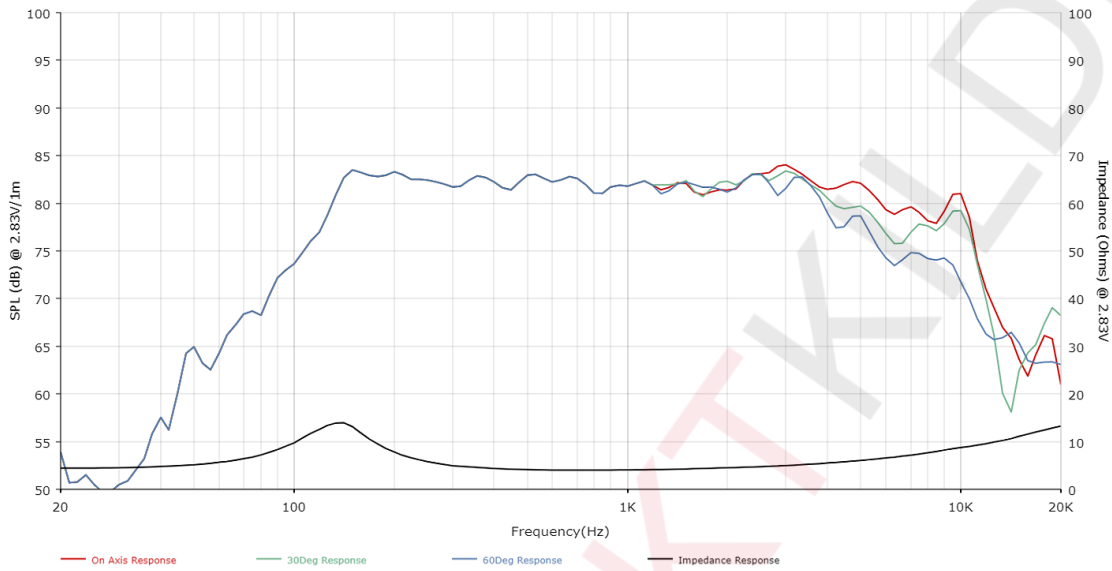
Power Handling

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

Voice Coil & Magnet Data

Voice coil diameter	35.55 mm
Voice coil height	3.6 mm
Voice coil layers	4
Height of gap	8 mm
Linear excursion	± 2.2 mm
Max mech. excursion	± 4.5 mm
Unit weight	0.135 kg

Frequency Response / Impedance Curve:



Transducer front and side images:

