

● *Woofer model: AUGWL0013-JN01*

This 5.25 inch 4 ohm Woofer driver, with the black anodized Aluminium cone. A dual suspension(patented) driver, with elimination of the limits from traditional single suspension driver, resulted in more diverse and slim design. The voice coil former and pole piece are vented holes so as to reduce air compression under high excursion condition.

● *Transducer front and side images:*



Prototype



● *Specifications:*

T-S Parameters

Resonance frequency [fs]	73.3 Hz
Mechanical Q factor [Qms]	4.530
Electrical Q factor [Qes]	0.575
Total Q factor [Qts]	0.511
Force factor [Bl]	6.610 Tm
Mechanical resistance [Rms]	1.632 kg/s
Moving mass [Mms]	15.169 g
Compliance [Cms]	0.294 mm/N
Effective diaph. diameter [D]	107.7 mm
Effective piston area [Sd]	91.1 cm ²
Equivalent volume [Vas]	3.4484 l
Sensitivity (2.83V/1m)	86 dB
Ratio Bl/√Re	3.585 N/√W
Ratio fs/Qts	143.44 Hz

Electrical Data

Nominal impedance [Zn]	4 Ω
Minimum impedance [Zmin]	3.86 Ω
Maximum impedance [Zo]	21.62 Ω
DC resistance [Re]	3.40 Ω
Voice coil inductance [Le]	0.701 mH

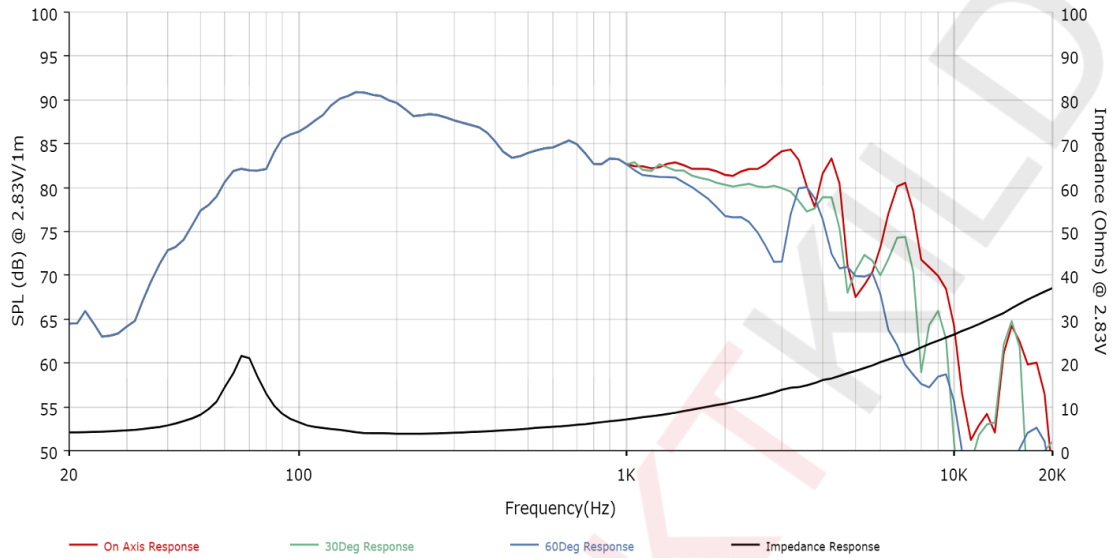
Power Handling

100h RMS noise test (IEC 18.4)	15 W
Long-term max power (IEC 18.2)	20 W

Voice Coil & Magnet Data

Voice coil diameter	25.4 mm
Voice coil height	12.9 mm
Voice coil layers	4
Height of gap	6 mm
Linear excursion	± 3.45 mm
Max mech. excursion	± - mm
Unit weight	0.659 kg

Frequency Response / Impedance Curve:



Transducer front and side images:

