

● **Woofer model: AUGWL0009-JN04**

The 3.5 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]	92.4 Hz
Mechanical Q factor [Qms]	3.606
Electrical Q factor [Qes]	0.633
Total Q factor [Qts]	0.538
Force factor [Bl]	3.821 Tm
Mechanical resistance [Rms]	0.753 kg/s
Moving mass [Mms]	4.676 g
Compliance [Cms]	0.634 mm/N
Effective diaph. diameter [D]	76 mm
Effective piston area [Sd]	45.36 cm <sup>2</sup>
Equivalent volume [Vas]	1.85 l
Sensitivity (2.83V/1m)	88 dB
Ratio Bl/√Re	2.07 N/√W
Ratio fs/Qts	171.7 Hz

**Electrical Data**

Nominal impedance [Zn]	4 Ω
Minimum impedance [Zmin]	3.67 Ω
Maximum impedance [Zo]	25.22 Ω
DC resistance [Re]	3.4 Ω
Voice coil inductance [Le]	0.133 mH

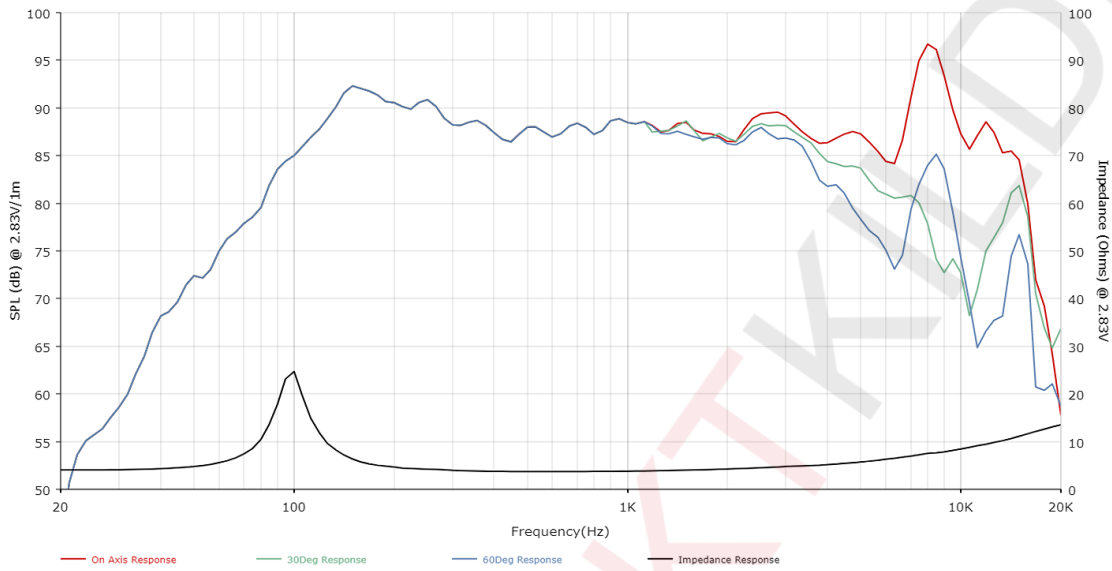
**Power Handling**

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	± - mm
Unit weight	0.171 kg

● Frequency Response / Impedance Curve:



● Transducer front and side images:

