

● *Woofer model: AUGWL0008-JN07*

The 3 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]	101.4 Hz
Mechanical Q factor [Qms]	3.383
Electrical Q factor [Qes]	0.537
Total Q factor [Qts]	0.463
Force factor [Bl]	3.71 Tm
Mechanical resistance [Rms]	0.66 kg/s
Moving mass [Mms]	3.5 g
Compliance [Cms]	0.70 mm/N
Effective diaph. diameter [D]	60.3 mm
Effective piston area [Sd]	28.55 cm ²
Equivalent volume [Vas]	0.81 l
Sensitivity (2.83V/1m)	85 dB
Ratio Bl/√Re	2.04 N/√W
Ratio fs/Qts	219 Hz

Electrical Data

Nominal impedance [Zn]	4 Ω
Minimum impedance [Zmin]	3.73 Ω
Maximum impedance [Zo]	29.65 Ω
DC resistance [Re]	3.32 Ω
Voice coil inductance [Le]	0.131 mH

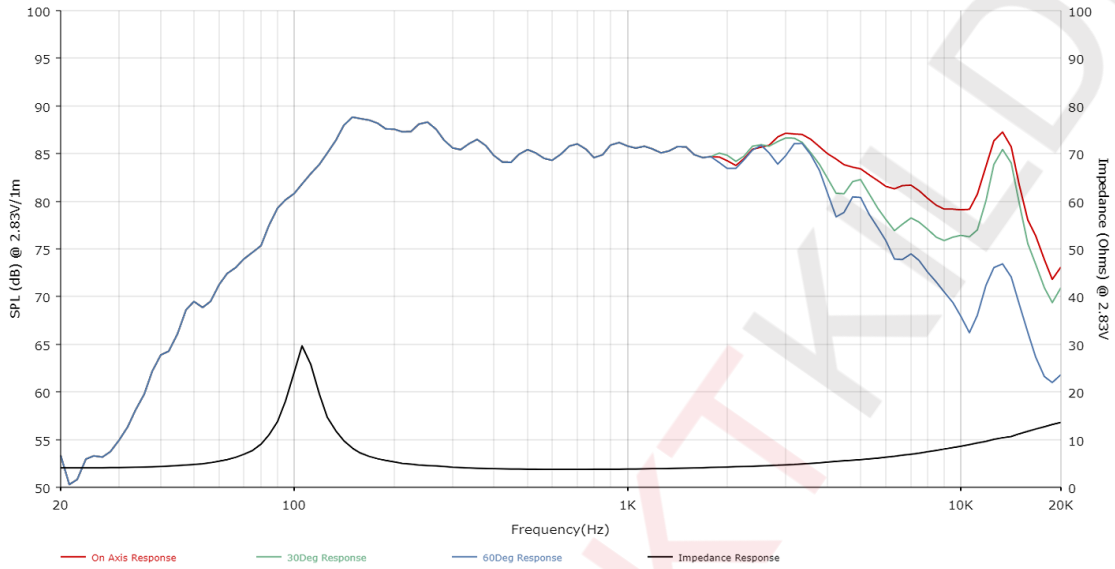
Power Handling

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	0.158 kg

● Frequency Response / Impedance Curve:



● Transducer front and side images:

