

● *Woofer model: AUGWL0013-JN04*

This 5.25 inch woofer, features 1 inch voice coil with CCAW, Aluminum former, and Neodymium magnet motor system. The main cone body uses PULP with the carbon fiber to make sure the driver has a better stiffness and lower distortion. What's more, U-yoke is embedded in the bracket to reduce overall height without affecting amplitude, and the overall design meets the requirements for ultra-thin performance.

● *Transducer front and side images:*



● *Specifications:*

T-S Parameters

Resonance frequency [fs]	84.4 Hz
Mechanical Q factor [Qms]	5.023
Electrical Q factor [Qes]	1.355
Total Q factor [Qts]	1.067
Force factor [Bl]	6.081 Tm
Mechanical resistance [Rms]	1.468 kg/s
Moving mass [Mms]	13.895 g
Compliance [Cms]	0.256 mm/N
Effective diaph. diameter [D]	110.5 mm
Effective piston area [Sd]	95.90 cm ²
Equivalent volume [Vas]	3.3283 l
Sensitivity (2.83V/1m)	83 dB
Ratio Bl/√Re	2.332 N/√W
Ratio fs/Qts	79.48 Hz

Electrical Data

Nominal impedance [Zn]	8 Ω
Minimum impedance [Zmin]	6.7 Ω
Maximum impedance [Zo]	13.32 Ω
DC resistance [Re]	6.8 Ω
Voice coil inductance [Le]	0.271 mH

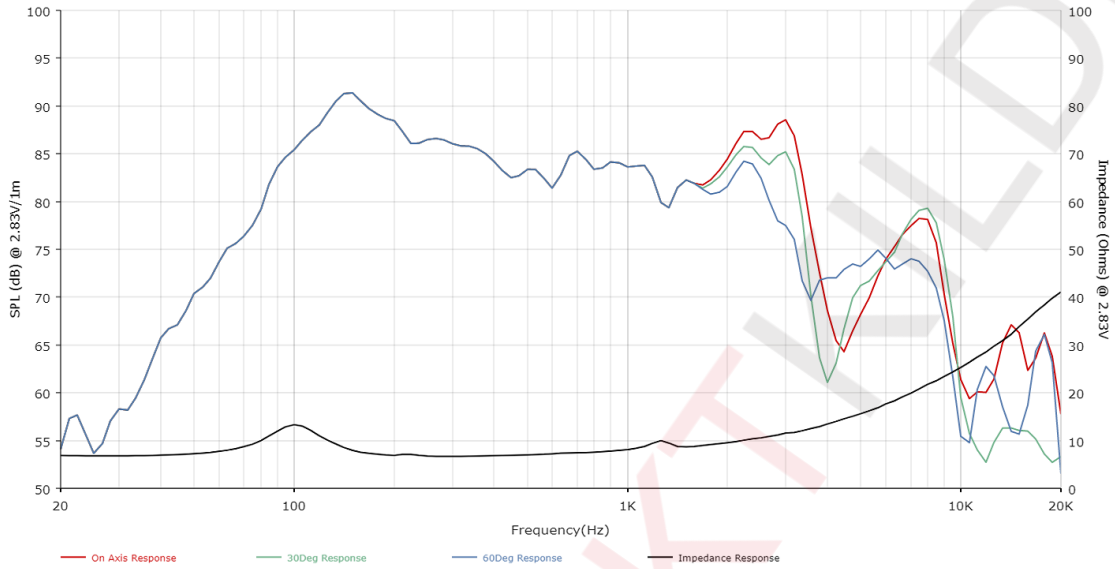
Power Handling

100h RMS noise test (IEC 18.4)	5 W
Long-term max power (IEC 18.2)	10 W

Voice Coil & Magnet Data

Voice coil diameter	35.5 mm
Voice coil height	6.7 mm
Voice coil layers	4
Height of gap	4 mm
Linear excursion	± 1.35 mm
Max mech. excursion	± - mm
Unit weight	0.216 kg

Frequency Response / Impedance Curve:



Transducer front and side images:

