

● *Woofer model: AUGWL0005-JN01*

A double suspension (patent) loudspeaker, with elimination of the limits from traditional single suspension loudspeaker, resulted in more diverse and slim design. This 2" 3ohm compact driver features dual rubber surround and black anodized Aluminium cone. The voice coil former and pole piece are vented hole so as to reduce air compression under high excursion condition.

● *Transducer front and side images:*



Prototype

● *Specifications:*

T-S Parameters

Resonance frequency [fs]	236.8 Hz
Mechanical Q factor [Qms]	2.321
Electrical Q factor [Qes]	0.752
Total Q factor [Qts]	0.568
Force factor [Bl]	4.239 Tm
Mechanical resistance [Rms]	2.589 kg/s
Moving mass [Mms]	4.038 g
Compliance [Cms]	3.966 mm/N
Effective diaph. diameter [D]	45 mm
Effective piston area [Sd]	15.90 cm ²
Equivalent volume [Vas]	0.040 l
Sensitivity (2.83V/1m)	82 dB
Ratio Bl/√Re	2.826 N/√W
Ratio fs/Qts	416.9 Hz

Electrical Data

Nominal impedance [Zn]	3 Ω
Minimum impedance [Zmin]	2.78 Ω
Maximum impedance [Zo]	9.64 Ω
DC resistance [Re]	2.25 Ω
Voice coil inductance [Le]	0.252 mH

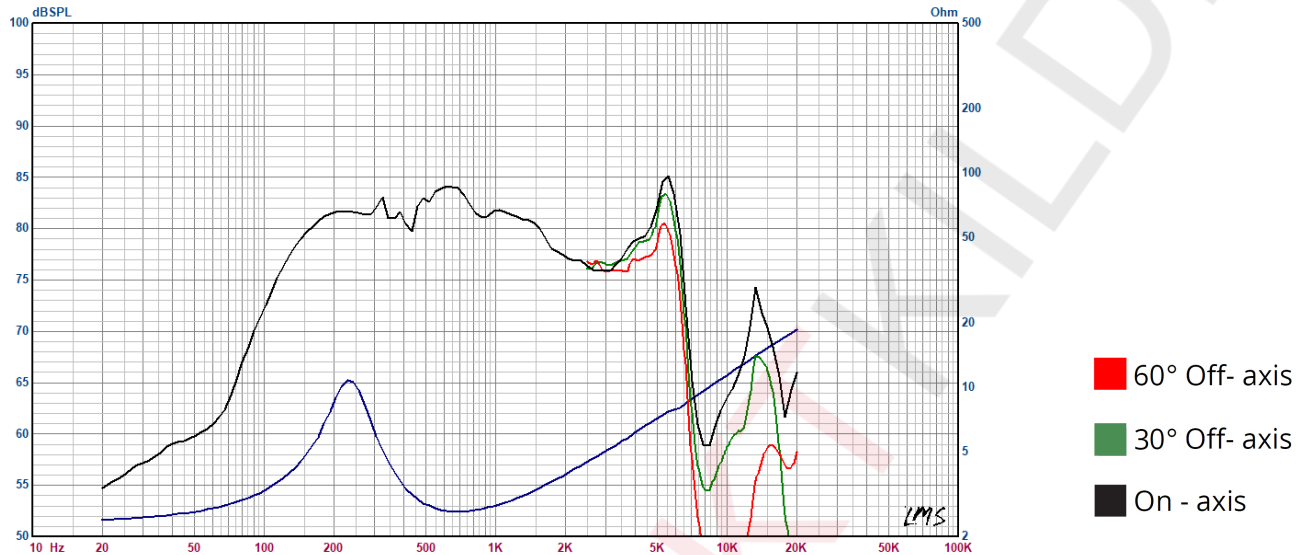
Power Handling

100h RMS noise test (IEC 17.1)	10 W
Long-term max power (IEC 17.3)	15 W

Voice Coil & Magnet Data

Voice coil diameter	25.4 mm
Voice coil height	7.0 mm
Voice coil layers	4
Height of gap	2 mm
Linear excursion	± 2.5 mm
Max mech. excursion	± - mm
Unit weight	0.101 kg

● Frequency Response / Impedance Curve:



● Transducer front and side images:

