

● *Woofer model: AUGWL0188-JN01*

This newly designed slim woofer with only 30.5mm height to liberate maximum 10W RMS power. Woofer consisted with a special designed dual voice coil simply match with various of amplifier to achieve flexible impedance requirement, unique designed aluminum frame and Neodymium motor system. It can contribute balanced powerful bass with low distortion. Series size starts from 4" to 6.5" it suitable with Premium audio system applications.

● *Transducer front and side images:*



● *Specifications:*

*T-S Parameters*

Resonance frequency [fs]	57.4 Hz
Mechanical Q factor [Qms]	7.82
Electrical Q factor [Qes]	0.46
Total Q factor [Qts]	0.43
Force factor [Bl]	5.96 Tm
Mechanical resistance [Rms]	1.16 kg/s
Moving mass [Mms]	25.22 g
Compliance [Cms]	0.31 mm/N
Effective diaph. diameter [D]	109 mm
Effective piston area [Sd]	93.31 cm <sup>2</sup>
Equivalent volume [Vas]	3.76 l
Sensitivity (2.83V/1m)	91 dB
Ratio Bl/√Re	4.47 N/√W
Ratio fs/Qts	133.5 Hz

*Electrical Data*

Nominal impedance [Zn]	4 Ω
Minimum impedance [Zmin]	2.22 Ω
Maximum impedance [Zo]	22.4 Ω
DC resistance [Re]	1.78 Ω
Voice coil inductance [Le]	0.49 mH

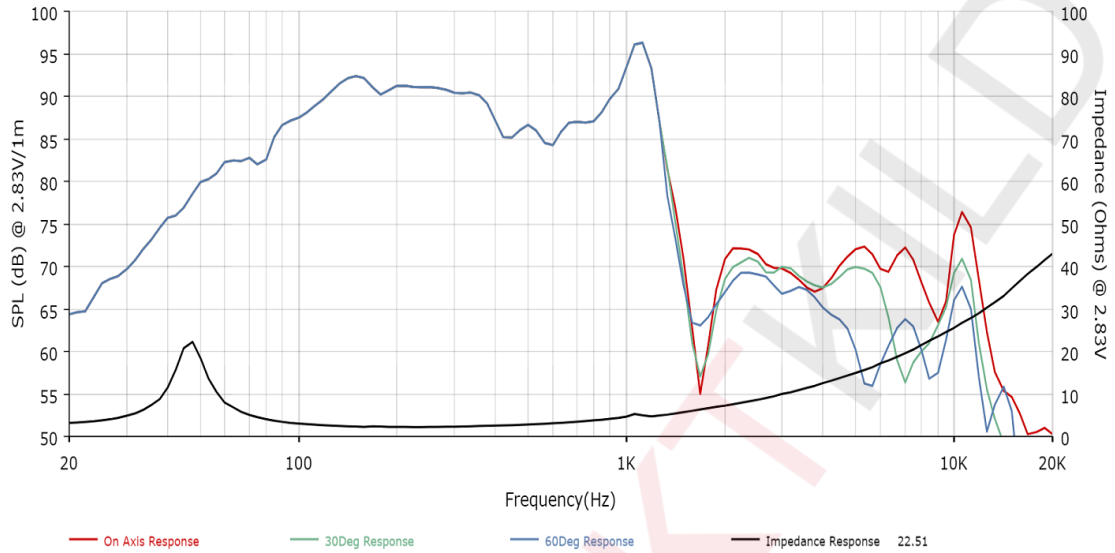
*Power Handling*

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

*Voice Coil & Magnet Data*

Voice coil diameter	30.5 mm
Voice coil height	9.45 mm
Voice coil layers	4+4
Height of gap	4 mm
Linear excursion	± 2.725 mm
Max mech. excursion	± 5.8 mm
Unit weight	0.369 kg

● Frequency Response / Impedance Curve:



● Transducer front and side images:

