

● *Woofer model: AUGWL0189-JN01*

This newly designed slim woofer with only 30.5mm height to liberate maximum 15W 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]	49.7 Hz
Mechanical Q factor [Qms]	6.34
Electrical Q factor [Qes]	0.46
Total Q factor [Qts]	0.43
Force factor [Bl]	7.01 Tm
Mechanical resistance [Rms]	1.93 kg/s
Moving mass [Mms]	39.07 g
Compliance [Cms]	0.26 mm/N
Effective diaph. diameter [D]	131 mm
Effective piston area [Sd]	134.78 cm ²
Equivalent volume [Vas]	6.74 l
Sensitivity (2.83V/1m)	91 dB
Ratio Bl/√Re	5.15 N/√W
Ratio fs/Qts	115.6 Hz

Electrical Data

Nominal impedance [Zn]	4 Ω
Minimum impedance [Zmin]	2.32 Ω
Maximum impedance [Zo]	20.94 Ω
DC resistance [Re]	1.85 Ω
Voice coil inductance [Le]	0.51 mH

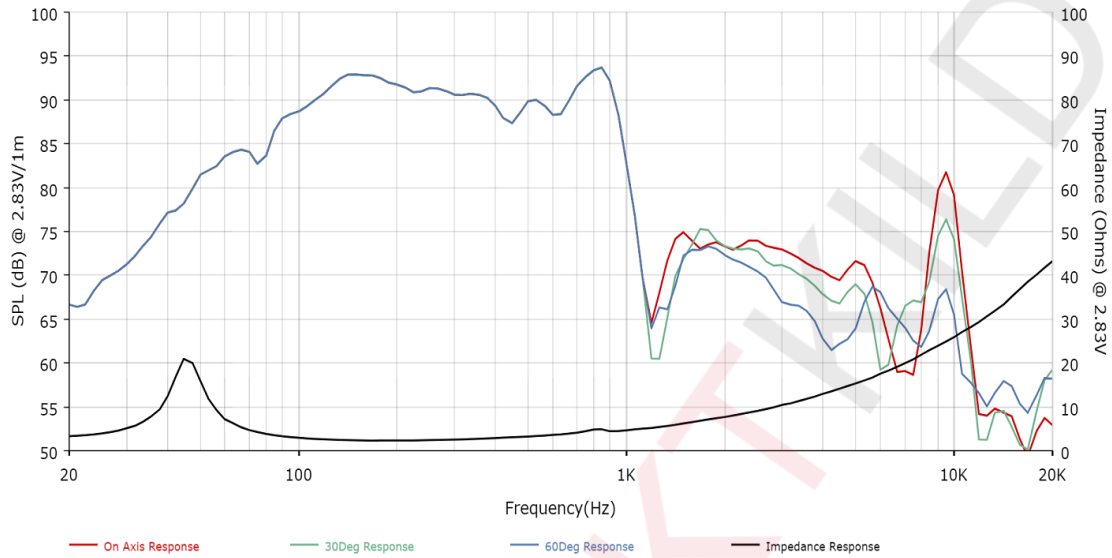
Power Handling

100h RMS noise test (IEC 18.4)	15 W
Long-term max power (IEC 18.2)	- W

Voice Coil & Magnet Data

Voice coil diameter	38.55 mm
Voice coil height	9.5 mm
Voice coil layers	4+4
Height of gap	4 mm
Linear excursion	± 2.75 mm
Max mech. excursion	± 5.8 mm
Unit weight	0.442 kg

Frequency Response / Impedance Curve:



Transducer front and side images:

