

● *Subwoofer model: AUGSL1091-JN01*

This 12 inch Woofer, features 2.0 inch voice coil, new mixed pulp and mica cone and ferrite magnet motor system. The frequency response can be extended up to 3K to produce soft and delicate sound.

● *Transducer front and side images:*



● *Specifications:*

T-S Parameters

Resonance frequency [fs]	23.2 Hz
Mechanical Q factor [Qms]	12.826
Electrical Q factor [Qes]	0.378
Total Q factor [Qts]	0.367
Force factor [Bl]	13.728 Tm
Mechanical resistance [Rms]	1.957 kg/s
Moving mass [Mms]	172.3 g
Compliance [Cms]	0.274 mm/N
Effective diaph. diameter [D]	260 mm
Effective piston area [Sd]	530.93 cm ²
Equivalent volume [Vas]	109 l
Sensitivity (2.83V/1m)	87.5 dB
Ratio Bl/√Re	8.17 N/√W
Ratio fs/Qts	63.2 Hz

Electrical Data

Nominal impedance [Zn]	4 Ω
Minimum impedance [Zmin]	3.85 Ω
Maximum impedance [Zo]	66.43 Ω
DC resistance [Re]	2.84 Ω
Voice coil inductance [Le]	0.91 mH

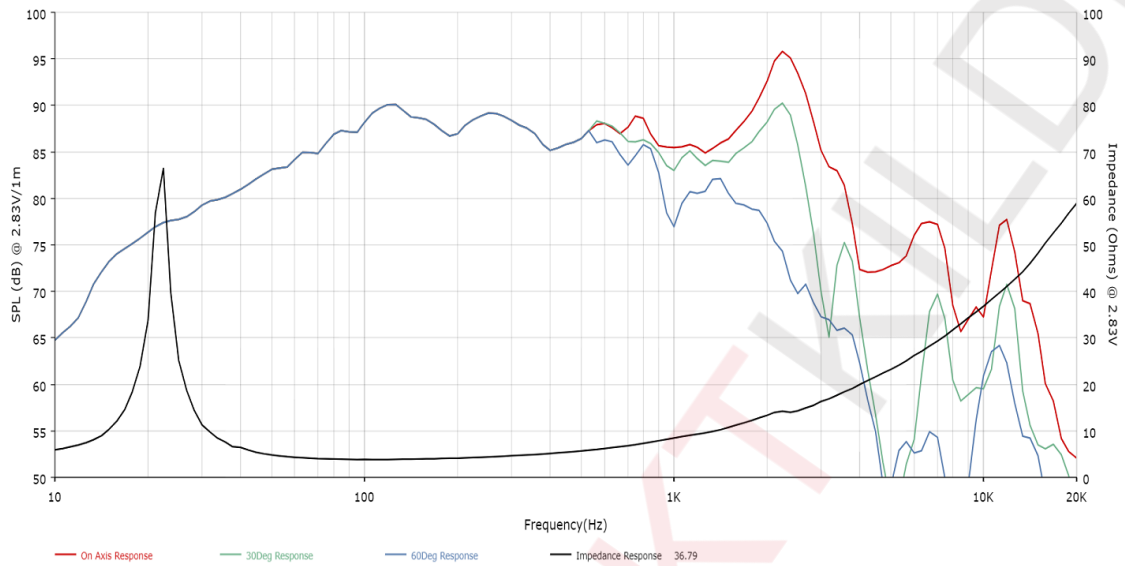
Power Handling

100h RMS noise test (IEC 18.4)	250 W
Long-term max power (IEC 18.2)	350 W

Voice Coil & Magnet Data

Voice coil diameter	49.55 mm
Voice coil height	33.8 mm
Voice coil layers	4
Height of gap	8 mm
Linear excursion	± 12.9 mm
Max mech. excursion	± 29 mm
Unit weight	7.2 kg

● Frequency Response / Impedance Curve:



● Transducer front and side images:

