

● *Woofer model: AUGWL0010-JN01*

This 4 inch 8 ohm Woofer driver features a powerful ferrite magnet motor system, with Aluminum shorting ring to lower coil inductance and distortion. The long-throw voice coil ensures linear high excursion. The die cast frame offers structural rigidity, heat sinking capacity for motor, and additional air venting under spider so as to reduce air compression effects.

● *Transducer front and side images:*



● *Specifications:*

*T-S Parameters*

Resonance frequency [fs]	80 Hz
Mechanical Q factor [Qms]	7.797
Electrical Q factor [Qes]	0.885
Total Q factor [Qts]	0.795
Force factor [Bl]	5.27 Tm
Mechanical resistance [Rms]	0.411 kg/s
Moving mass [Mms]	6.326 g
Compliance [Cms]	0.617 mm/N
Effective diaph. diameter [D]	83.5 mm
Effective piston area [Sd]	54.76 cm <sup>2</sup>
Equivalent volume [Vas]	2.619 l
Sensitivity (2.83V/1m)	82 dB
Ratio Bl/√Re	1.9 N/√W
Ratio fs/Qts	100.6 Hz

*Electrical Data*

Nominal impedance [Zn]	8 Ω
Minimum impedance [Zmin]	8.43 Ω
Maximum impedance [Zo]	56.22 Ω
DC resistance [Re]	7.6 Ω
Voice coil inductance [Le]	0.349 mH

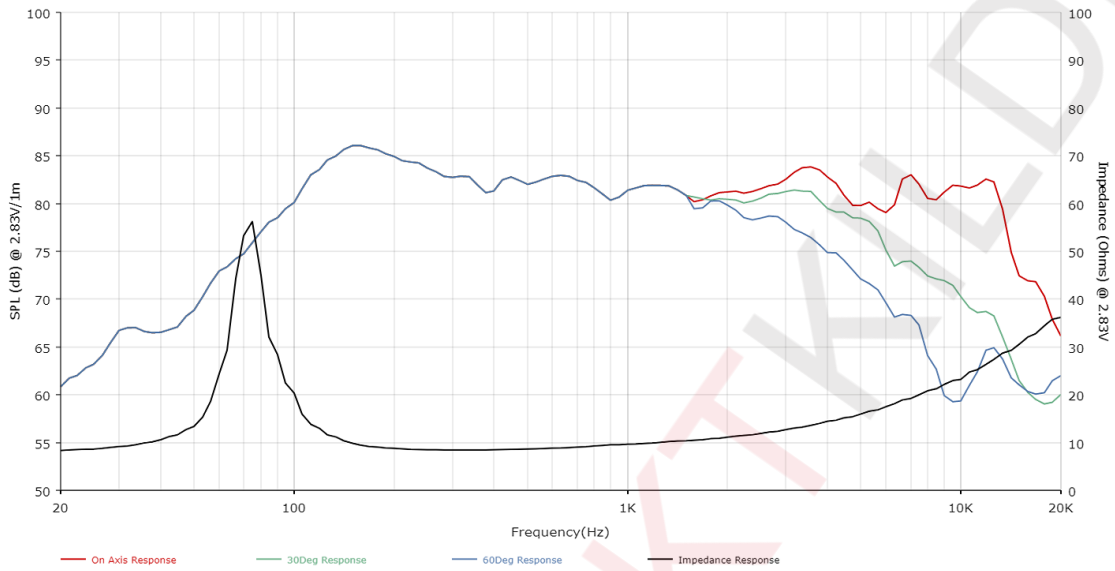
*Power Handling*

100h RMS noise test (IEC 18.4)	30 W
Long-term max power (IEC 18.2)	- W

*Voice Coil & Magnet Data*

Voice coil diameter	25.4 mm
Voice coil height	15.4 mm
Voice coil layers	2
Height of gap	5 mm
Linear excursion	± 5.2 mm
Max mech. excursion	± 13 mm
Unit weight	0.762 kg

Frequency Response / Impedance Curve:



Transducer front and side images:

