

● *Woofer model: AUGWL0020-JN02*

This 8inch Aluminum Alloy woofer, Aluminum Die-Cast Frame with Mg-Li Alloy cone. It has good process ability and high yield for mass production. Because of this special raw material structure and unique processing technology, from magnesium lithium metal foil, the attributes of Magnesium Lithium offer high strength, good rigidity, good heat resistance, low density and so on.

● *Transducer front and side images:*



● *Specifications:*

*T-S Parameters*

Resonance frequency [fs]	31.9 Hz
Mechanical Q factor [Qms]	2.704
Electrical Q factor [Qes]	0.447
Total Q factor [Qts]	0.383
Force factor [Bl]	6.681 Tm
Mechanical resistance [Rms]	2.201 kg/s
Moving mass [Mms]	29.7 g
Compliance [Cms]	0.84 mm/N
Effective diaph. diameter [D]	164 mm
Effective piston area [Sd]	221.6 cm <sup>2</sup>
Equivalent volume [Vas]	58.38 l
Sensitivity (2.83V/1m)	91 dB
Ratio Bl/√Re	3.65 N/√W
Ratio fs/Qts	83.2 Hz

*Electrical Data*

Nominal impedance [Zn]	4 Ω
Minimum impedance [Zmin]	3.9 Ω
Maximum impedance [Zo]	23 Ω
DC resistance [Re]	3.35 Ω
Voice coil inductance [Le]	0.215 mH

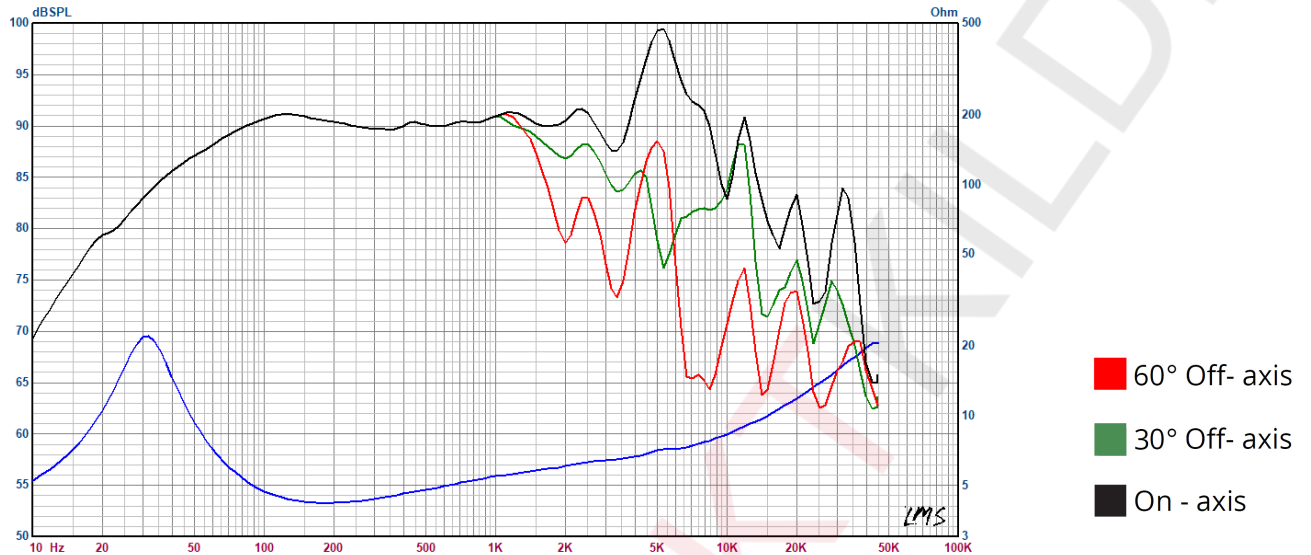
*Power Handling*

100h RMS noise test (IEC 17.1)	100 W
Long-term max power (IEC 17.3)	150 W

*Voice Coil & Magnet Data*

Voice coil diameter	49.5 mm
Voice coil height	17 mm
Voice coil layers	2
Height of gap	6 mm
Linear excursion	± 6 mm
Max mech. excursion	± - mm
Unit weight	2.6 kg

● *Frequency Response / Impedance Curve:*



● *Transducer front and side images:*

