

● *Woofer model: AUGWL0020-JN03*

This 8 inch woofer, features 2 inch voice coil, pulp with carbon fiber cone, and ferrite magnet motor system. As for the selection of material, this series of speakers uses a new mixed material with pulp and 60% carbon fiber, it can greatly enhance the stiffness of the cone body and control range of the internal damping.

● *Transducer front and side images:*



● *Specifications:*

T-S Parameters

Resonance frequency [fs]	33 Hz
Mechanical Q factor [Qms]	2.514
Electrical Q factor [Qes]	0.418
Total Q factor [Qts]	0.358
Force factor [Bl]	6.887 Tm
Mechanical resistance [Rms]	2.345 kg/s
Moving mass [Mms]	28.407 g
Compliance [Cms]	0.817 mm/N
Effective diaph. diameter [D]	167 mm
Effective piston area [Sd]	219.04 cm ²
Equivalent volume [Vas]	55.50 l
Sensitivity (2.83V/1m)	92 dB
Ratio Bl/√Re	3.76 N/√W
Ratio fs/Qts	92.2 Hz

Electrical Data

Nominal impedance [Zn]	4 Ω
Minimum impedance [Zmin]	4.09 Ω
Maximum impedance [Zo]	23.71 Ω
DC resistance [Re]	3.36 Ω
Voice coil inductance [Le]	0.201 mH

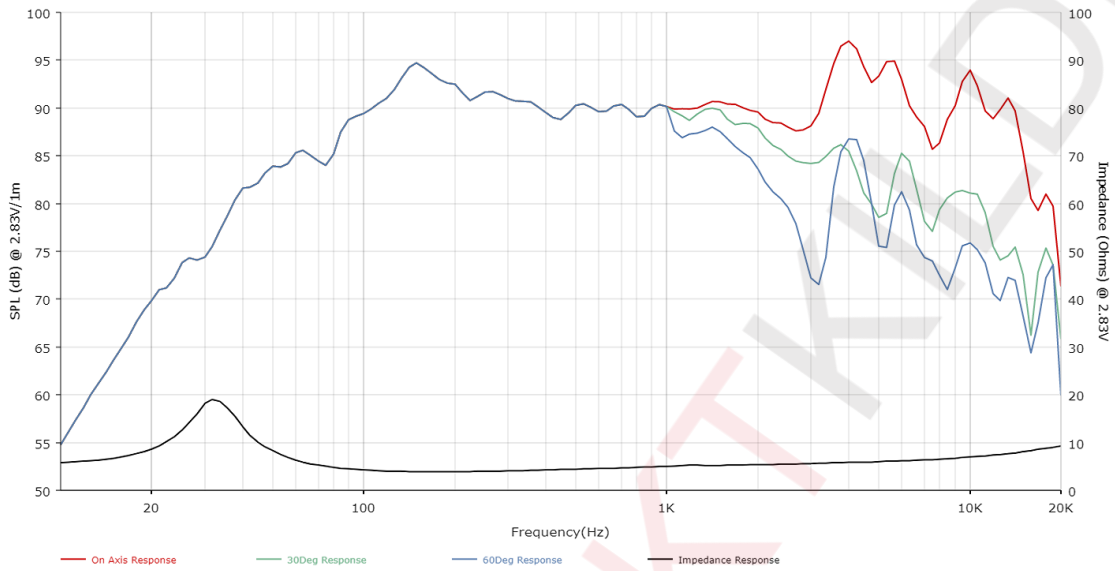
Power Handling

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	± 8 mm
Unit weight	2.6 kg

Frequency Response / Impedance Curve:



Transducer front and side images:

