

● *Fullrange model: AUGFL2003-JN01*

This Fullrange series consisted with 4 types 1.5/2/2.5/3 inch drivers. With this unique 1.5 inch driver, it features 1 inch CCAW voice coil, Aluminum diaphragm with rubber surround, Neodymium magnet motor system to extend the high frequency response up to 40KHz with low distortion. This finest unit is designed for Premium speaker applications.

● *Transducer front and side images:*



Prototype

● *Specifications:*

T-S Parameters

Resonance frequency [fs]	180 Hz
Mechanical Q factor [Qms]	2.465
Electrical Q factor [Qes]	0.609
Total Q factor [Qts]	0.488
Force factor [Bl]	2.496 Tm
Mechanical resistance [Rms]	0.481 kg/s
Moving mass [Mms]	1.027 g
Compliance [Cms]	0.732 mm/N
Effective diaph. diameter [D]	32.9 mm
Effective piston area [Sd]	8.5 cm ²
Equivalent volume [Vas]	0.075 l
Sensitivity (2.83V/1m)	83 dB
Ratio Bl/√Re	1.395 N/√W
Ratio fs/Qts	376 Hz

Electrical Data

Nominal impedance [Zn]	4 Ω
Minimum impedance [Zmin]	3.42 Ω
Maximum impedance [Zo]	13.65 Ω
DC resistance [Re]	3.2 Ω
Voice coil inductance [Le]	0.026 mH

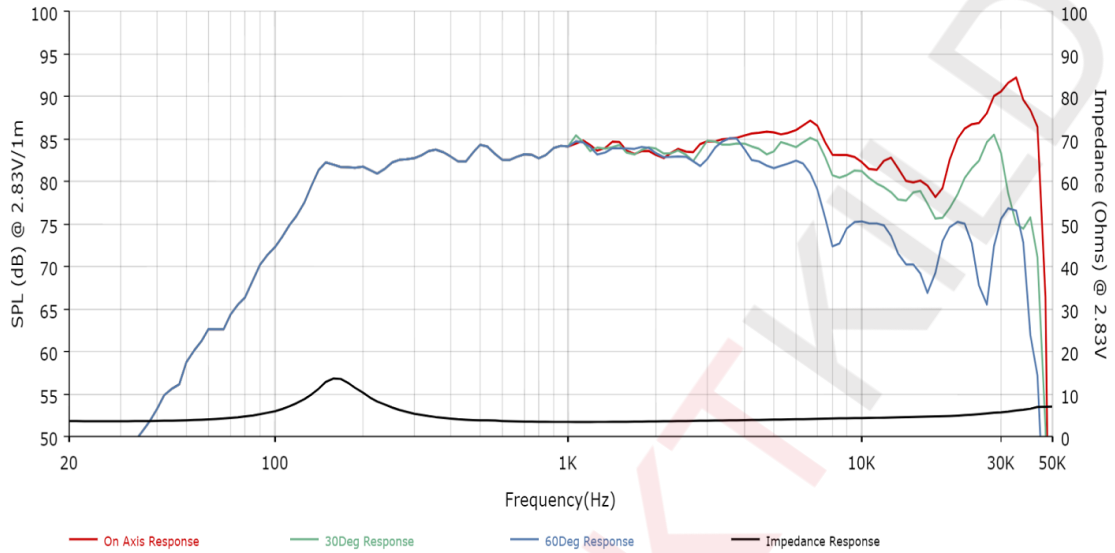
Power Handling

100h RMS noise test (IEC 18.4)	5 W
Long-term max power (IEC 18.2)	- W

Voice Coil & Magnet Data

Voice coil diameter	19.4 mm
Voice coil height	4.7 mm
Voice coil layers	2
Height of gap	2.5 mm
Linear excursion	± 1.1 mm
Max mech. excursion	± 4.5 mm
Unit weight	0.064 kg

Frequency Response / Impedance Curve:



Transducer front and side images:

