

● *Fullrange model: AUGFL0005-JN08*

This Fullrange series consisted with 4 types 1.5/2/2.5/3 inch drivers. With this unique 2 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]	143.8 Hz
Mechanical Q factor [Qms]	1.981
Electrical Q factor [Qes]	0.635
Total Q factor [Qts]	0.481
Force factor [Bl]	2.847 Tm
Mechanical resistance [Rms]	0.809 kg/s
Moving mass [Mms]	1.775 g
Compliance [Cms]	0.69 mm/N
Effective diaph. diameter [D]	44 mm
Effective piston area [Sd]	15.21 cm ²
Equivalent volume [Vas]	0.226 l
Sensitivity (2.83V/1m)	85 dB
Ratio Bl/√Re	1.589 N/√W
Ratio fs/Qts	298.9 Hz

Electrical Data

Nominal impedance [Zn]	4 Ω
Minimum impedance [Zmin]	3.53 Ω
Maximum impedance [Zo]	13.672 Ω
DC resistance [Re]	3.21 Ω
Voice coil inductance [Le]	0.019 mH

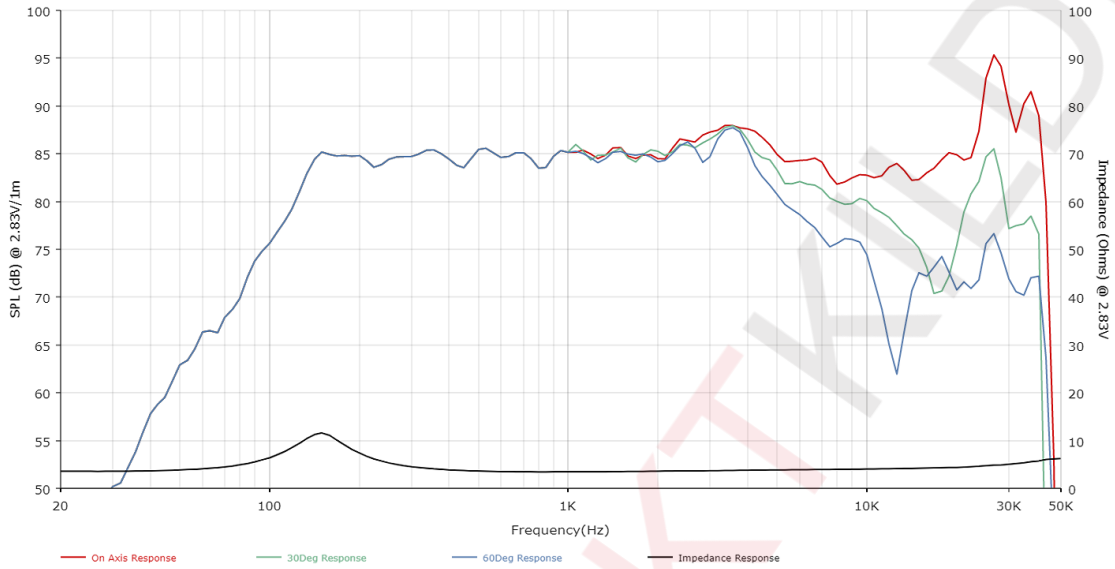
Power Handling

100h RMS noise test (IEC 18.4)	10 W
Long-term max power (IEC 18.2)	- W

Voice Coil & Magnet Data

Voice coil diameter	25.4 mm
Voice coil height	6.6 mm
Voice coil layers	2
Height of gap	3.5 mm
Linear excursion	± 1.55 mm
Max mech. excursion	± 4.5 mm
Unit weight	0.15 kg

● Frequency Response / Impedance Curve:



● Transducer front and side images:

