

● *Compact model: AUGPL0005-JN03*

This 2inch 6ohm compact full range driver with 1" voice coil, and copper cap to lower coil inductance, providing low distortion and extended high frequency response. Design features include a plastic basket with vented hole under the spider to reduce air compression effects and aid cooling of the motor under high excursion conditions. Additionally, using a black hard paper cone along with paper cap coupled to the voice coil directly.

● *Transducer front and side images:*



Prototype



● *Specifications:*

*T-S Parameters*

Resonance frequency [fs]	124 Hz
Mechanical Q factor [Qms]	10.4
Electrical Q factor [Qes]	0.85
Total Q factor [Qts]	0.79
Force factor [Bl]	3.82 Tm
Mechanical resistance [Rms]	0.19 kg/s
Moving mass [Mms]	2.58 g
Compliance [Cms]	0.63 mm/N
Effective diaph. diameter [D]	44 mm
Effective piston area [Sd]	15.2 cm <sup>2</sup>
Equivalent volume [Vas]	0.20 l
Sensitivity (2.83V/1m)	78 dB
Ratio Bl/√Re	1.55 N/√W
Ratio fs/Qts	157.0 Hz

*Electrical Data*

Nominal impedance [Zn]	6 Ω
Minimum impedance [Zmin]	6.1 Ω
Maximum impedance [Zo]	68.9 Ω
DC resistance [Re]	6.1 Ω
Voice coil inductance [Le]	0.05 mH

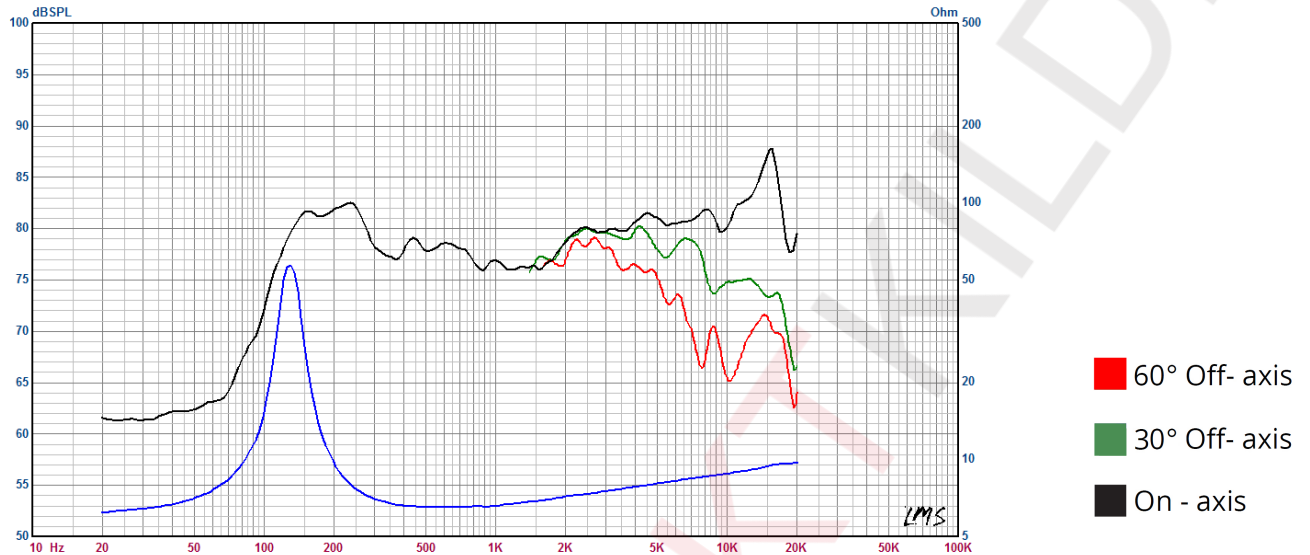
*Power Handling*

100h RMS noise test (IEC 17.1)	10 W
Long-term max power (IEC 17.3)	- W

*Voice Coil & Magnet Data*

Voice coil diameter	25.84 mm
Voice coil height	6.2 mm
Voice coil layers	2
Height of gap	2 mm
Linear excursion	± 2.1 mm
Max mech. excursion	± - mm
Unit weight	0.09 kg

● Frequency Response / Impedance Curve:



● Transducer front and side images:

