

● *Fullrange model: AUGFL2003-HM01*

This is a 2 inch 4 ohm with maximum 9W compact driver, it comprising 19mm voice coil with CCAW, Aluminum Cone body consist with NBR surround & Conex spider. A Neodymium motor structure. The continuous rated power handling of 6W with a peak power handling of 9W. This driver is perfect for use in any portable speaker applications.

● *Transducer front and side images:*



● *Specifications:*

T-S Parameters

Resonance frequency [fs]	134.7 Hz
Mechanical Q factor [Qms]	6.36
Electrical Q factor [Qes]	0.61
Total Q factor [Qts]	0.56
Force factor [Bl]	2.60 Tm
Mechanical resistance [Rms]	0.25 kg/s
Moving mass [Mms]	1.86 g
Compliance [Cms]	0.75 mm/N
Effective diaph. diameter [D]	41 mm
Effective piston area [Sd]	13.20 cm ²
Equivalent volume [Vas]	0.1854 l
Sensitivity (2.83V/1m)	85 dB
Ratio Bl/√Re	0.98 N/√W
Ratio fs/Qts	240.54 Hz

Electrical Data

Nominal impedance [Zn]	3 Ω
Minimum impedance [Zmin]	3.52 Ω
Maximum impedance [Zo]	18.55 Ω
DC resistance [Re]	2.64 Ω
Voice coil inductance [Le]	0.069 mH

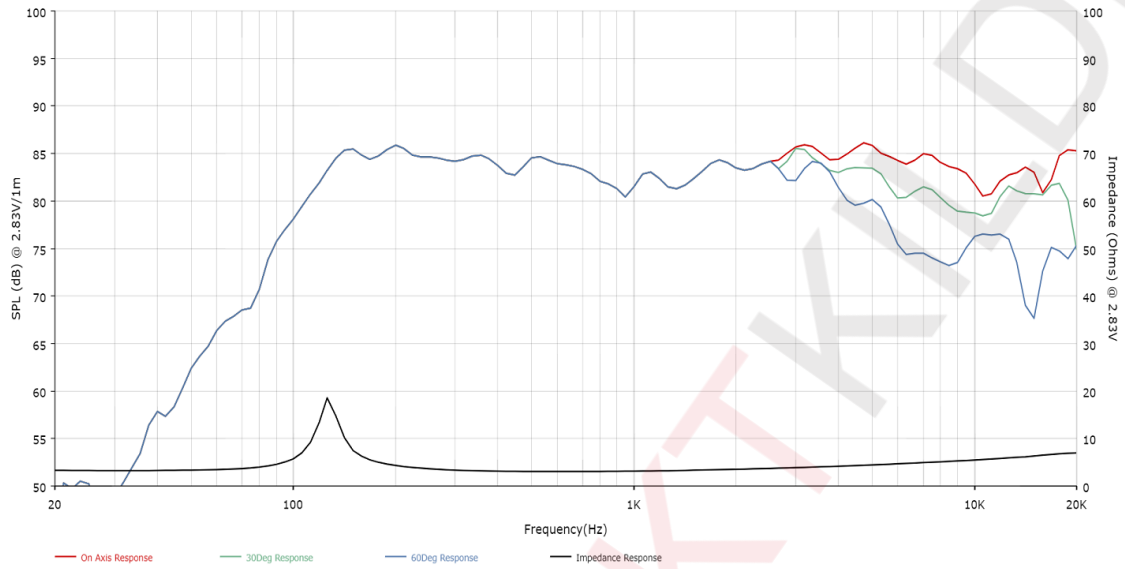
Power Handling

100h RMS noise test (IEC 18.4)	6 W
Long-term max power (IEC 18.2)	9 W

Voice Coil & Magnet Data

Voice coil diameter	19.03 mm
Voice coil height	4.2 mm
Voice coil layers	4
Height of gap	2 mm
Linear excursion	± 1.1 mm
Max mech. excursion	± 4 mm
Unit weight	0.057 kg

Frequency Response / Impedance Curve:



Transducer front and side images:

