

● **Compact model: FSB511017-1400**

This 1.5 inch 4 ohm compact driver, with 0.6 inch voice coil copper clad Aluminum wire, kapton former, mylar diaphragm and rubber surround. It contains powerful Neodymium magnet motor system, bumped bottom plate which can offer high power handling property. The kapton former and basket under spider are all vented holes so as to reduce air compression effects and aid cooling of the motor under high excursion conditions.

● **Transducer front and side images:**



● **Specifications:**

**T-S Parameters**

Resonance frequency [fs]	185.2 Hz
Mechanical Q factor [Qms]	2.286
Electrical Q factor [Qes]	0.543
Total Q factor [Qts]	0.439
Force factor [Bl]	3.05 Tm
Mechanical resistance [Rms]	0.612 kg/s
Moving mass [Mms]	1.21 g
Compliance [Cms]	0.61 mm/N
Effective diaph. diameter [D]	32 mm
Effective piston area [Sd]	8.04 cm <sup>2</sup>
Equivalent volume [Vas]	0.056 l
Sensitivity (2.83V/1m)	82 dB
Ratio Bl/√Re	1.61 N/√W
Ratio fs/Qts	421.86 Hz

**Electrical Data**

Nominal impedance [Zn]	4 Ω
Minimum impedance [Zmin]	4.038 Ω
Maximum impedance [Zo]	13.414 Ω
DC resistance [Re]	3.59 Ω
Voice coil inductance [Le]	0.052 mH

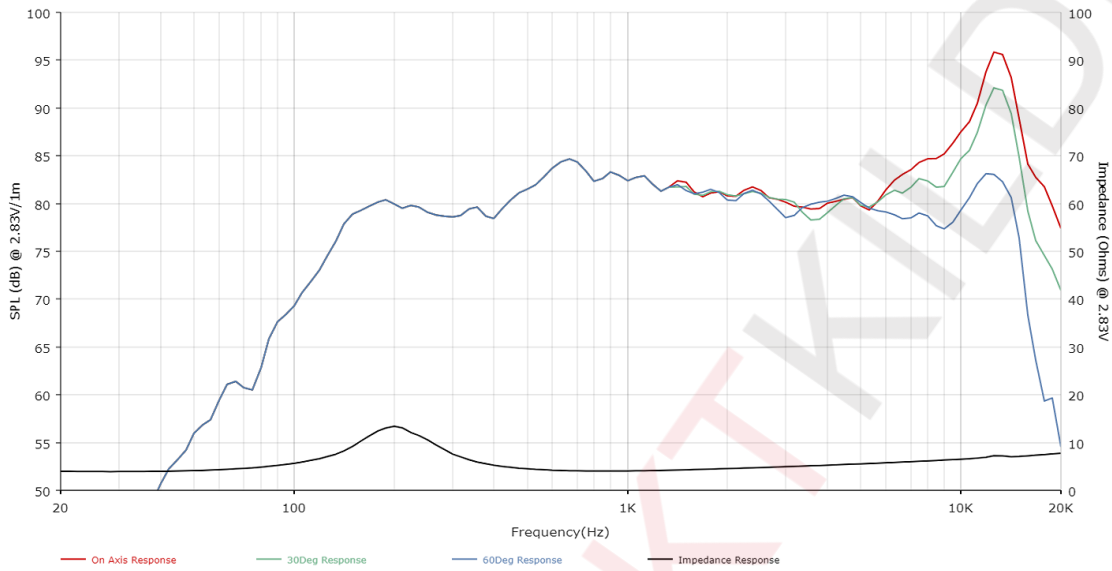
**Power Handling**

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

**Voice Coil & Magnet Data**

Voice coil diameter	16.4 mm
Voice coil height	9.4 mm
Voice coil layers	2
Height of gap	4 mm
Linear excursion	± 2.7 mm
Max mech. excursion	± - mm
Unit weight	0.098 kg

Frequency Response / Impedance Curve:



Transducer front and side images:

