

● *Fullrange model: FSA011020-0401*

This 2 inch 4 ohm Fullrange driver, with 0.8 inch voice coil copper wire, Kapton former, paper cone and damped rubber surround. It contains dual Neodymium magnet motor system which provides maximum flux in a compact package. The Kapton former and basket under spider are 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] | 149.5 Hz |
| Mechanical Q factor [Qms] | 10.06 |
| Electrical Q factor [Qes] | 0.547 |
| Total Q factor [Qts] | 0.519 |
| Force factor [Bl] | 3.819 Tm |
| Mechanical resistance [Rms] | 0.225 kg/s |
| Moving mass [Mms] | 2.47 g |
| Compliance [Cms] | 0.471 mm/N |
| Effective diaph. diameter [D] | 41 mm |
| Effective piston area [Sd] | 13.2 cm ² |
| Equivalent volume [Vas] | 0.116 l |
| Sensitivity (2.83V/1m) | 83 dB |
| Ratio Bl/√Re | 2.03 N/√W |
| Ratio fs/Qts | 288 Hz |

Electrical Data

| | |
|----------------------------|----------|
| Nominal impedance [Zn] | 4 Ω |
| Minimum impedance [Zmin] | 3.7 Ω |
| Maximum impedance [Zo] | 45.1 Ω |
| DC resistance [Re] | 3.53 Ω |
| Voice coil inductance [Le] | 0.151 mH |

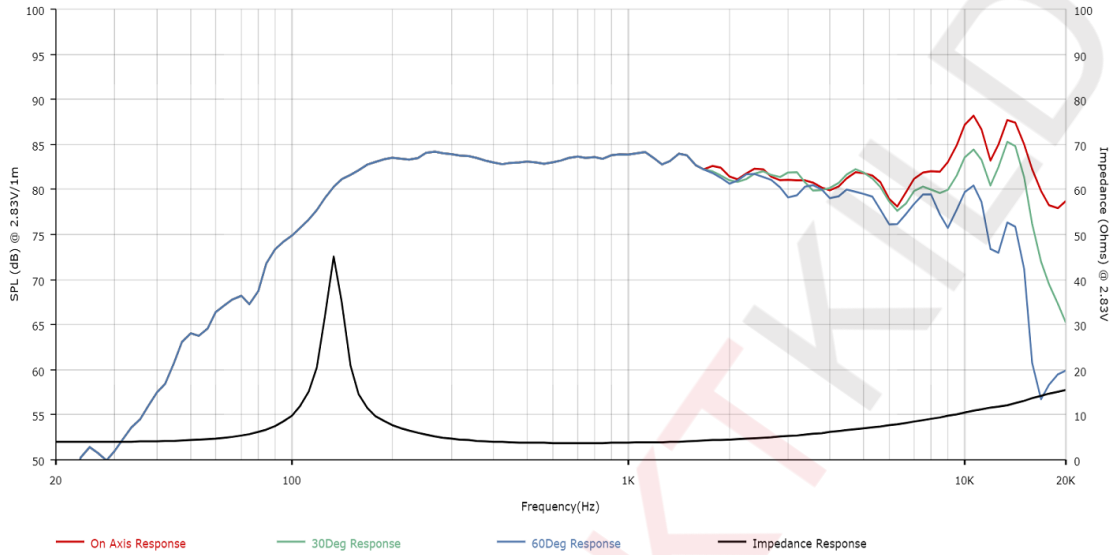
Power Handling

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

Voice Coil & Magnet Data

| | |
|---------------------|----------|
| Voice coil diameter | 19.4 mm |
| Voice coil height | 8.6 mm |
| Voice coil layers | 2 |
| Height of gap | 4.0 mm |
| Linear excursion | ± 2.3 mm |
| Max mech. excursion | ± - mm |
| Unit weight | 0.085 kg |

Frequency Response / Impedance Curve:



Transducer front and side images:

