

● **TWEETER model:** FSA041510-0401

This compact tweeter features a 4ohm 0.8 inch voice coil, a textile dome diaphragm, a Neo magnet motor to produce a compact motor, and a metal rear chamber to provide both a low resonant frequency and added heat sinking for power handling capacity. the product is designed to fit into small applications, while providing excellent dynamic sound quality.

● **Transducer front and side images:**



● **Specifications:**

T-S Parameters

Resonance frequency [fs]	1000 Hz
Mechanical Q factor [Qms]	1.023
Electrical Q factor [Qes]	3.098
Total Q factor [Qts]	0.769
Force factor [Bl]	0.99 Tm
Mechanical resistance [Rms]	0.891 kg/s
Moving mass [Mms]	0.135 g
Compliance [Cms]	0.163 mm/N
Effective diaph. diameter [D]	23.5 mm
Effective piston area [Sd]	4.34 cm ²
Equivalent volume [Vas]	0.0043 l
Sensitivity (2.83V/1m)	87 dB
Ratio Bl/√Re	0.53 N/√W
Ratio fs/Qts	1300 Hz

Electrical Data

Nominal impedance [Zn]	4 Ω
Minimum impedance [Zmin]	3.7 Ω
Maximum impedance [Zo]	4.7 Ω
DC resistance [Re]	3.3 Ω
Voice coil inductance [Le]	0.019 mH

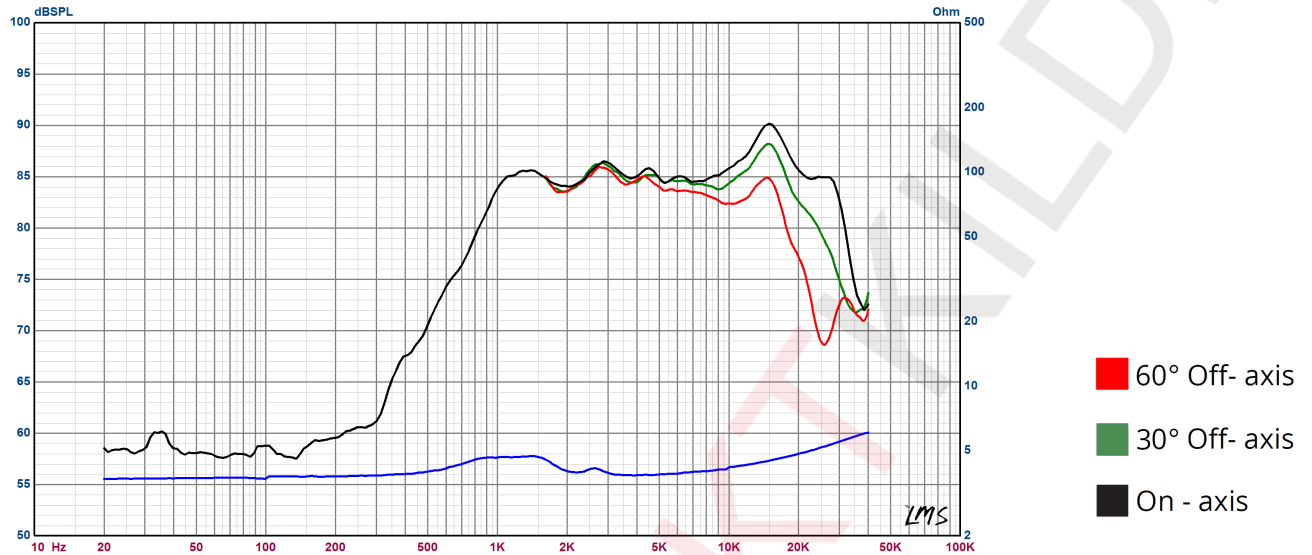
Power Handling

100h RMS noise test (IEC 17.1)	15 W
Long-term max power (IEC 17.3)	- W

Voice Coil & Magnet Data

Voice coil diameter	19.4 mm
Voice coil height	1.5 mm
Voice coil layers	2
Height of gap	2 mm
Linear excursion	± 0.25 mm
Max mech. excursion	± - mm
Unit weight	0.026 kg

● *Frequency Response / Impedance Curve:*



● *Transducer front and side images:*

