

● **WOOFER model:** FSB523054-5406

This 5.25inch 4ohm woofer driver features a powerfull ferrite magnet system, with Al shorting ring to lower coil inductance and distortion. The long-throw voice coil ensures linear high excursion. Steel frame under spider and bottom plate venting so as to reduce air compression effects. Additonaly, coated paper cones come equipped with special-designed roll rubber surrounds can get smooth response curve.

● **Transducer front and side images:**



● **Specifications:**

T-S Parameters

Resonance frequency [fs]	60.2 Hz
Mechanical Q factor [Qms]	2.921
Electrical Q factor [Qes]	0.646
Total Q factor [Qts]	0.529
Force factor [Bl]	4.396 Tm
Mechanical resistance [Rms]	1.262 kg/s
Moving mass [Mms]	9.748 g
Compliance [Cms]	0.717 mm/N
Effective diaph. diameter [D]	106 mm
Effective piston area [Sd]	88.25 cm ²
Equivalent volume [Vas]	7.9 l
Sensitivity (2.83V/1m)	88 dB
Ratio Bl/√Re	2.39 N/√W
Ratio fs/Qts	113.8 Hz

Electrical Data

Nominal impedance [Zn]	4 Ω
Minimum impedance [Zmin]	4.1 Ω
Maximum impedance [Zo]	19.27 Ω
DC resistance [Re]	3.4 Ω
Voice coil inductance [Le]	0.311 mH

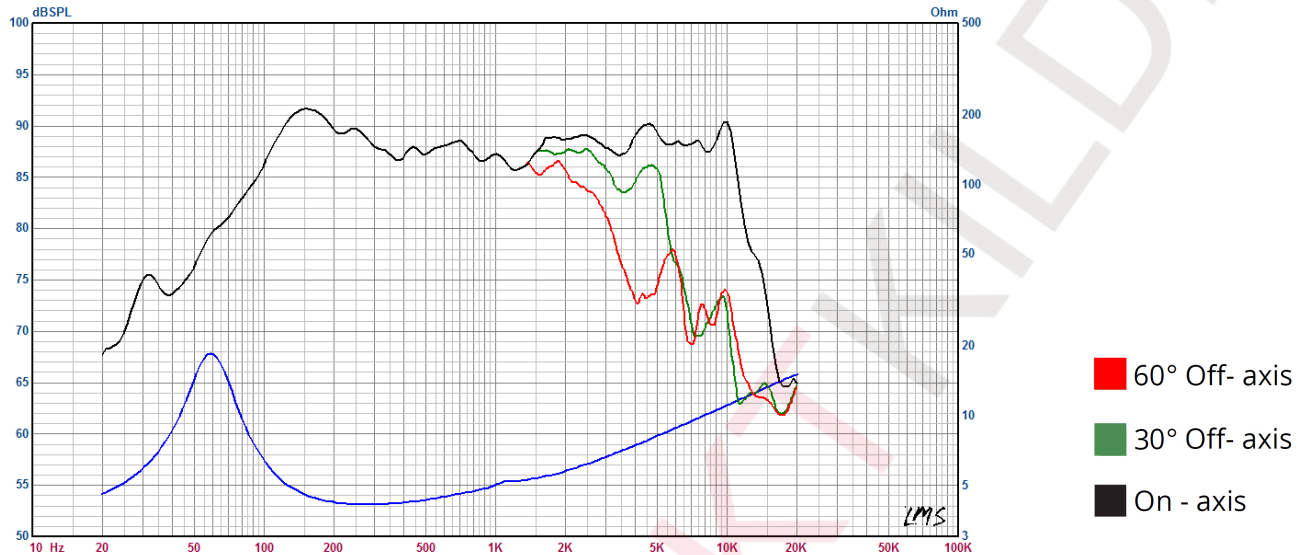
Power Handling

100h RMS noise test (IEC 17.1)	30 W
Long-term max power (IEC 17.3)	- W

Voice Coil & Magnet Data

Voice coil diameter	25.4 mm
Voice coil height	13.6 mm
Voice coil layers	2
Height of gap	6 mm
Linear excursion	± 3.8 mm
Max mech. excursion	± - mm
Unit weight	0.869 kg

Frequency Response / Impedance Curve:



Transducer front and side images:

