PUNKTKILDE®

Datasheet updated: 09-03-2020

Compact model: FSA021020−0300

A double suspension(patented) driver, with elimination of the limits from traditional single suspension driver, resulted in more diverse and slim design. This 2 inch 3 ohm compact driver features dual rubber surround and black anodized Aluminum cone. The voice coil former and pole piece are vented hole so as to reduce air compression under high excursion conditions.

Transducer front and side images:

Specifications:

T-S Parameters

Resonance frequency [fs]	180 Hz
Mechanical Q factor [Qms]	2.553
Electrical Q factor [Qes]	0.733
Total Q factor [Qts]	0.570
Force factor [Bl]	3.531 Tm
Mechanical resistance [Rms]	1.483 kg/s
Moving mass [Mms]	3.813 g
Compliance [Cms]	0.266 mm/N
Effective diaph. diameter [D]	45 mm
Effective piston area [Sd]	15.90 cm²
Equivalent volume [Vas]	0.0952 l
Sensitivity (2.83V/1m)	81 dB
Ratio Bl/√Re	2.27 N/√W
Ratio fs/Qts	277.36 Hz

Electrical Data

Nominal impedance [Zn]	3 Ω
Minimum impedance [Zmin]	2.8 Ω
Maximum impedance [Zo]	6.53 Ω
DC resistance [Re]	2.41 Ω
Voice coil inductance [Le]	0.161 mH

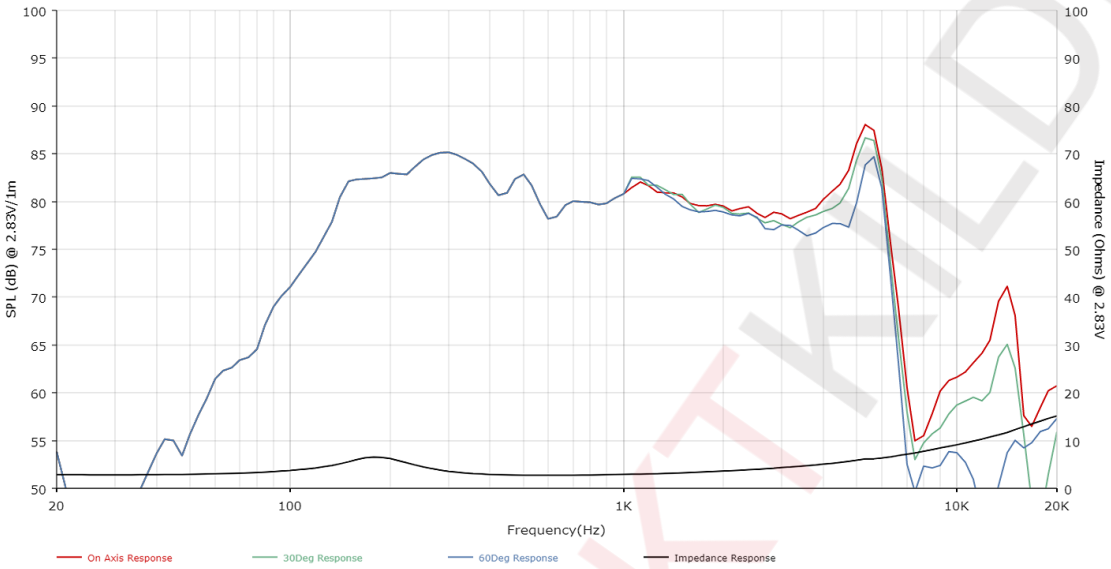
Power Handling

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

Voice Coil & Magnet Data

Voice coil diameter	25.4 mm
Voice coil height	7.0 mm
Voice coil layers	4
Height of gap	2 mm
Linear excursion	± 2.5 mm
Max mech. excursion	± 3.5 mm
Unit weight	0.091 kg

Frequency Response / Impedance Curve:



Transducer front and side images: