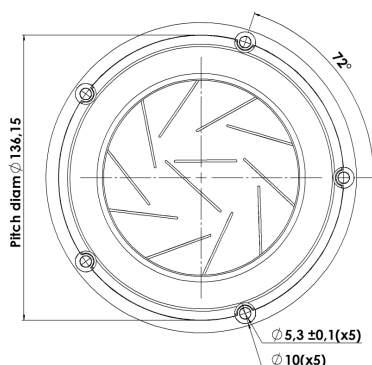
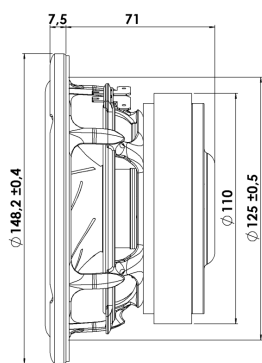


## 15 cm Midwoofer

## 15W/4531G00



### T-S Parameters:

Resonance frequency [fs]	40 Hz
Mechanical Q factor [Qms]	4.60
Electrical Q factor [Qes]	0.34
Total Q factor [Qts]	0.32
Force factor [Bl]	5.7 Tm
Mechanical resistance [Rms]	0.70 kg/s
Moving mass [Mms]	13 g
Compliance [Cms]	1.25 mm/N
Effective diaph. diameter [D]	110 mm
Effective piston area [Sd]	95 cm <sup>2</sup>
Equivalent volume [Vas]	15.8 l
Sensitivity (2,83V/1m)	87 dB

### Mechanical Data:

Voice coil diameter	38 mm
Voice coil height	17.5 mm
Voice coil layers	2
Gap height	5 mm
Linear excursion	± 6.5 mm
Max mech. excursion	± 9 mm
Unit weight	1.7 kg
Cabinet Displacement Volume	0.36 l

### Electrical Data:

Nominal impedance [Zn]	4 Ω
Minimum impedance [Zmin]	4.4 Ω
Maximum impedance [Zo]	4.2 Ω
DC resistance [Re]	3.4 Ω
Voice coil inductance [Le]	0.25 mH

### Power Handling:

100h RMS noise test (IEC 18.4)	60 W
Long-term max power (IEC 18.2)	180 W
X-over:	None

### Key Features:

- Patented Symmetrical Drive motor design
- Sliced Cone (Controls Cone Breakups)
- Low-Loss linear suspension
- Low Damping SBR Rubber Surround
- Die cast Alu Chassis vented below spider
- Large Ferrite Magnet System

### Recommendations (please see Tech Note):

- Operating frequency range: fs-6000 Hz
- Cabinet volume - closed box: N.a.
- Cabinet volume - vented box: Vbox=10 ltr, fb=47 Hz, f(-3dB)=49 Hz

