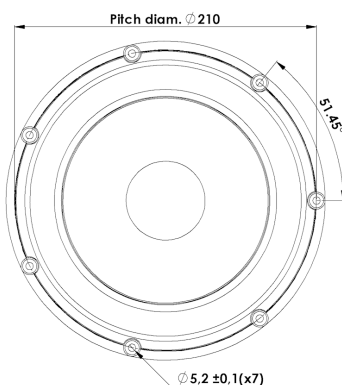
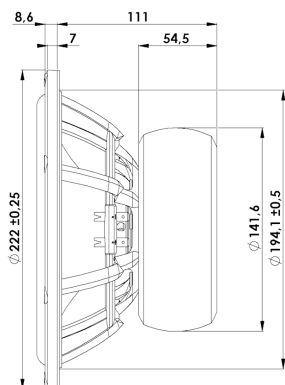


## 22 cm Woofer

## 22W/4851T00



### T-S Parameters:

Resonance frequency [fs]	21 Hz
Mechanical Q factor [Qms]	5.20
Electrical Q factor [Qes]	0.23
Total Q factor [Qts]	0.22
Force factor [Bl]	8.2 Tm
Mechanical resistance [Rms]	0.81 kg/s
Moving mass [Mms]	32.5 g
Compliance [Cms]	1.85 mm/N
Effective diaph. diameter [D]	167 mm
Effective piston area [Sd]	220 cm <sup>2</sup>
Equivalent volume [Vas]	126 l
Sensitivity (2,83V/1m)	89 dB

### Mechanical Data:

Voice coil diameter	50 mm
Voice coil height	24 mm
Voice coil layers	2
Gap height	6 mm
Linear excursion	± 9 mm
Max mech. excursion	± 14 mm
Unit weight	3.6 kg
Cabinet Displacement Volume	1.04 l

### Electrical Data:

Nominal impedance [Zn]	4 Ω
Minimum impedance [Zmin]	4.5 Ω
Maximum impedance [Zo]	87.4 Ω
DC resistance [Re]	3.7 Ω
Voice coil inductance [Le]	0.3 mH

### Power Handling:

100h RMS noise test (IEC 18.4)	80 W
Long-term max power (IEC 18.2)	200 W
X-over:	None

### Key Features:

- Patented Symmetrical Drive Motor Design
- Rigid Paper Cone
- Low-Loss linear suspension
- Low Damping SBR Rubber Surround
- Die cast Alu Chassis vented below spider
- Ferrite Magnet System w. Rubber Boot

### Recommendations (please see Tech Note):

- Operating frequency range: fs=3000 Hz
- Cabinet volume - closed box: Vbox=16 ltr, f(-3dB)=62 Hz
- Cabinet volume - vented box: Vbox=22 ltr, fb=36 Hz, f(-3dB)=45 Hz

