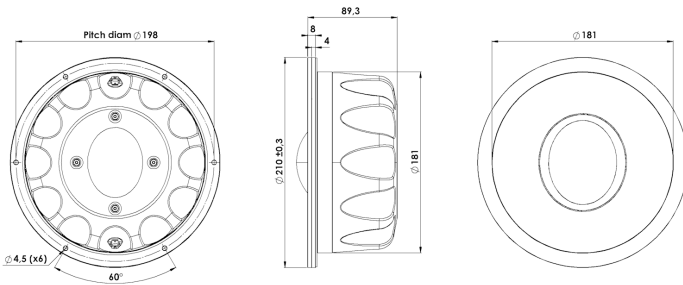


84 mm Dome Midrange

D8404/552000



T-S Parameters:

Resonance frequency [fs]	280 Hz
Mechanical Q factor [Qms]	3.89
Electrical Q factor [Qes]	0.83
Total Q factor [Qts]	0.69
Force factor [Bl]	6.1 Tm
Mechanical resistance [Rms]	2.60 kg/s
Moving mass [Mms]	5.75 g
Compliance [Cms]	0.06 mm/N
Effective diaph. diameter [D]	~86 mm
Effective piston area [Sd]	57.8 cm ²
Equivalent volume [Vas]	0.27 l
Sensitivity (2,83V/1m)	92 dB

Mechanical Data:

Voice coil diameter	68/84 mm
Voice coil height	3.2 mm
Voice coil layers	2
Gap height	8 mm
Linear excursion	± 2.4 mm
Max mech. excursion	± 5 mm
Unit weight	5.3 kg
Cabinet Displacement Volume	1.8 l

Electrical Data:

Nominal impedance [Zn]	4 Ω
Minimum impedance [Zmin]	4.1 Ω
Maximum impedance [Zo]	19 Ω
DC resistance [Re]	3.03 Ω
Voice coil inductance [Le]	0.04 mH

Key Features:

- Elliptical voice coil
- AirCirc optimized magnetsystem
- Low mechanical loss
- Exceptionally low distortion
- Dual suspension
- Flexible optics with replaceable decor ring

Recommendations (please see Tech Note):

- Operating frequency range: 300Hz - 5kHz
- Cabinet volume - closed box: N.a.
- Cabinet volume - vented box: N.a.

Power Handling:

- 100h RMS noise test (IEC 18.4) TBD W
- Long-term max power (IEC 18.2) 220 W
- X-over: 200Hz

