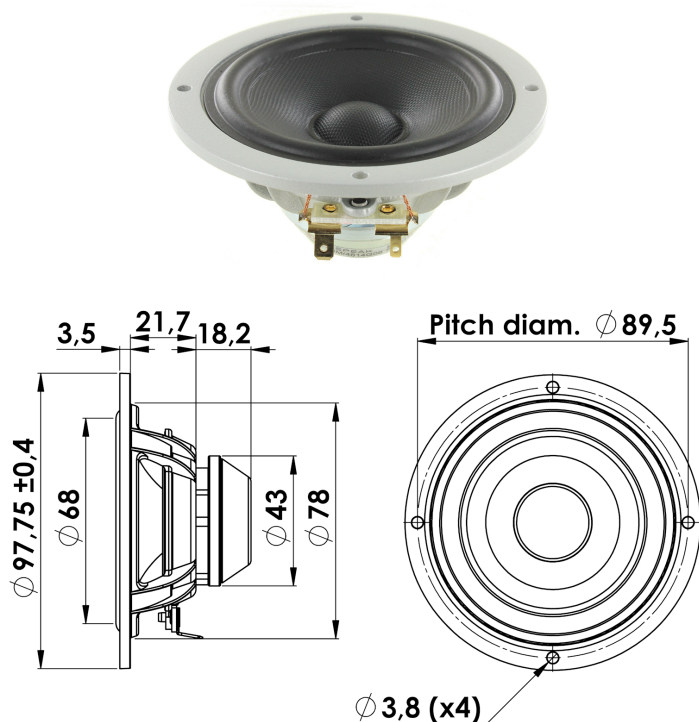


10 cm Midrange

10M/4614G06



Key Features:

- Very wide Frequency Range
- High Sensitivity 88dB / 2,83V
- Coated NRSC Fibre Glass Cone (patent)
- SBR Rubber Surround
- Compact Size, Neo magnet, Alu. Chassis
- Copper Cap on Pole Piece

Recommendations (please see Tech Note):

- Operating frequency range: 100-12000 Hz
- Cabinet volume - closed box: $V_{box}=0.5 \text{ ltr}$, $f(-3\text{dB})=200 \text{ Hz}$
- Cabinet volume - vented box: $V_{box}=1.5 \text{ ltr}$, $f_b=110 \text{ Hz}$, $f(-3\text{dB})=106 \text{ Hz}$

T-S Parameters:

Resonance frequency [fs]	110 Hz
Mechanical Q factor [Qms]	3.26
Electrical Q factor [Qes]	0.63
Total Q factor [Qts]	0.53
Force factor [Bl]	3.2 Tm
Mechanical resistance [Rms]	0.64 kg/s
Moving mass [Mms]	3 g
Compliance [Cms]	0.698 mm/N
Effective diaph. diameter [D]	68 mm
Effective piston area [Sd]	36 cm ²
Equivalent volume [Vas]	1.3 l
Sensitivity (2,83V/1m)	88 dB

Mechanical Data:

Voice coil diameter	20 mm
Voice coil height	9.2 mm
Voice coil layers	2
Gap height	4 mm
Linear excursion	$\pm 2.6 \text{ mm}$
Max mech. excursion	$\pm 7 \text{ mm}$
Unit weight	0.3 kg
Cabinet Displacement Volume	0.04 l

Electrical Data:

Nominal impedance [Zn]	4 Ω
Minimum impedance [Zmin]	3.8 Ω
Maximum impedance [Zo]	34.5 Ω
DC resistance [Re]	3.2 Ω
Voice coil inductance [Le]	0.1 mH

Power Handling:

100h RMS noise test (IEC 18.4)	60 W
Long-term max power (IEC 18.2)	125 W
X-over: 2. order HP Butterworth, 200Hz	

