

Car Speaker Set

820013



T-S Parameters:

Resonance frequency [fs]	1000/55 Hz
Mechanical Q factor [Qms]	8.03/3.06
Electrical Q factor [Qes]	2.02/0.56
Total Q factor [Qts]	1.61/0.48
Force factor [Bl]	1.4/4.8 Tm
Mechanical resistance [Rms]	0.18/1.41 kg/s
Moving mass [Mms]	0.23/12.5 g
Compliance [Cms]	0.1/0.67 mm/N
Effective diaph. diameter [D]	22/132 mm
Effective piston area [Sd]	3.8/138 cm ²
Equivalent volume [Vas]	0.002/17.9 l
Sensitivity (2,83V/1m)	90 dB

Mechanical Data:

Voice coil diameter	19/32 mm
Voice coil height	1.8/12 mm
Voice coil layers	2/2
Gap height	2/4 mm
Linear excursion	± 0.1/4 mm
Max mech. excursion	± 1.6/8 mm
Unit weight	0.05/0.6 kg
Cabinet Displacement Volume	- l

Electrical Data:

Nominal impedance [Zn]	4 Ω
Minimum impedance [Zmin]	3.3/3.8 Ω
Maximum impedance [Zo]	13.4/19.4 Ω
DC resistance [Re]	2.7/3 Ω
Voice coil inductance [Le]	0.02/0.35 mH

Power Handling:

100h RMS noise test (IEC 18.4)	100 W
Long-term max power (IEC 18.2)	200 W
X-over: 2nd order - 3000 Hz	

Key Features:

- Midwoofers with EURO-DIN mounting chassis
- Very power full Neo magnet motor system
- 2-Way Crossovers with tweeter protection
- Alu Die cast Chassis
- Shallow Mounting Dimensions
- Patented NRSC Fibre Glass Cone

Recommendations (please see Tech Note):

- Operating frequency range: 2.5-20 kHz / 40-4000 Hz
- Cabinet volume - closed box: Vbox=23 ltr, f(-3dB)=74 Hz
- Cabinet volume - vented box: Vbox=44 ltr, fb=42 Hz, f(-3dB)=37 Hz

