

SC13

Visaton magnetically shielded 13 cm (5") HiFi low-midrange driver 8 Ohm (8013)

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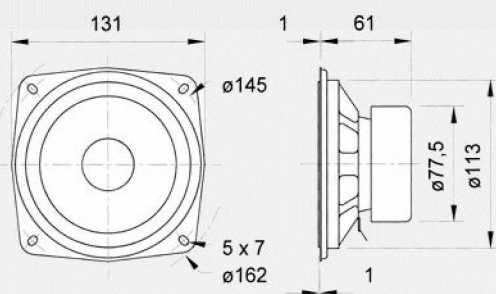


General description

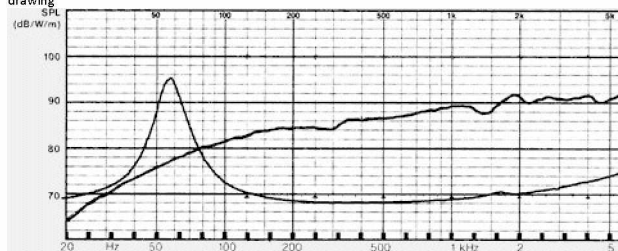
Magnetically shielded 13 cm (5") HiFi low-midrange driver with cellulose cone and rubber surround. Due to the very balanced frequency response especially suitable for magnetically shielded 2-way speakers for multi-media and surround systems in conjunction with the shielded tweeter SC 10 N 8 Ohm.

Technical Data:

Nominal power handling	40 Watt
Peak power handling	60 Watt
Nominal impedance	8 Ohm
Frequency response (-10 dB)	fu - 13000 Hz
(fu: Lower cut-off frequency depending on cabinet)	.
Mean sound pressure level	90 dB (1W/1m)
Maximum cone displacement	15 mm
Resonance frequency fs	75 Hz
Magnetic induction	1 Tesla
Magnetic flux	250 μ Weber
Height of front pole-plate	4 mm
Voice coil diameter	2 cm
Height of winding	0,55 cm
Cutout diameter	11,3 cm
Net weight	0,62 kg
D.C. resistance Rdc	7,0 Ohm
Mechanical Q factor Qms	3,73
Electrical Q factor Qes	0,90
Total Q factor Qts	0,72
Equivalent volume Vas	8 l
Effective piston area Sd	79 cm ²
Dynamically moved mass Mms	4,8 g
Force factor Bxl	4,2 T · m
Inductance of the voice coil L	0,66 mH



drawing



frequency response