

R 10 SC 8 OHM

Art. No. 2041

Magnetically shielded 10 cm (4") fullrange speaker with high efficiency, balanced frequency response. Water-repellent cone and rubber gasket. Especially suitable as control speaker in electronic devices and as speaker for public applications and public transport systems.

Typical applications:

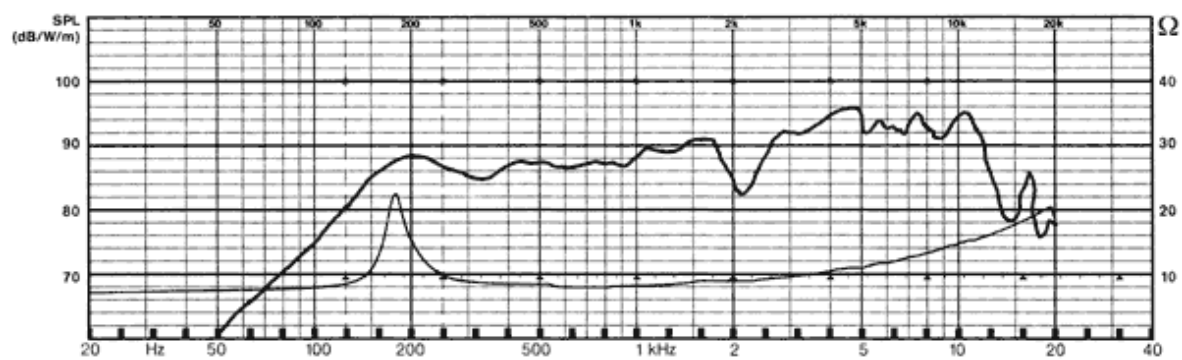
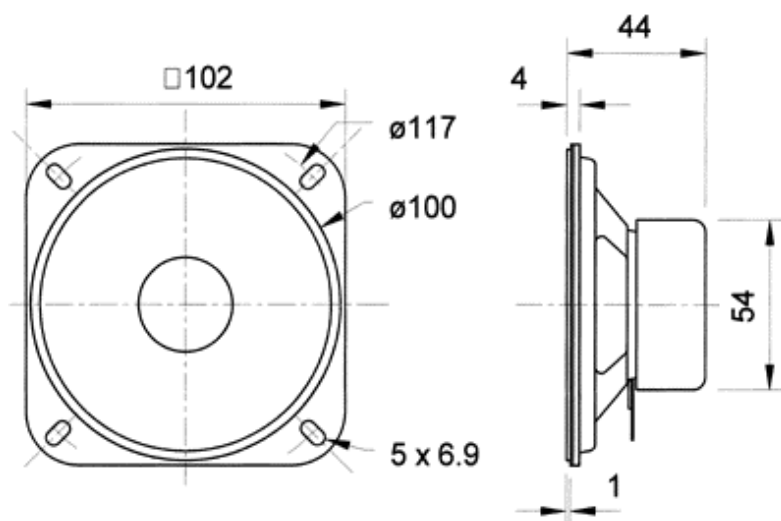
- Video monitoring screens
- Control speakers for electronic devices
- Ceiling- mounted speakers in railway carriages and busses



Electrical Q factor Q_{es}	4,08
Total Q factor Q_{ts}	0,9
Equivalent volume V_{as}	2 l
Effective piston area S_d	56 cm ²
Dynamically moved mass m_{md}	2,1 g
Force factor $B \cdot l$	1,96 T · m
Inductance of the voice	0,52 mH

Technical Data:

Nominal power handling	20 Watt
Peak power handling	30 Watt
Nominal impedance	8 Ohm
Frequency response	100 - 13000 Hz (-8 dB)
Mean sound pressure (nominal)	90 dB (1 W/1 m)
Resonance frequency	163 Hz
Magnetic induction	0,95 Tesla
Magnetic flux	135 μ Weber
Height of front pole-plate	3 mm
Voice coil diameter	1,5 cm
Height of winding	0,4 cm
Cutout diameter	9,3 cm
Net weight	0,24 kg
D.C. resistance R_{dc}	7,3 Ohm
Mechanical Q factor Q_{ms}	1,15



Radiation Pattern 2000 Hz

Radiation Pattern 5000 Hz

[radiation pattern 5000 Hz](#)

Radiation Pattern 10000 Hz