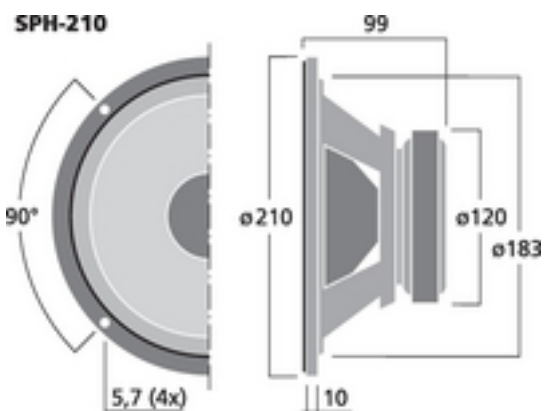
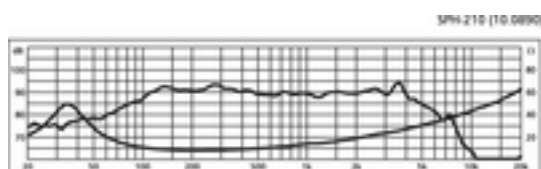


## SPH-210 - HiFi Woofer



Hi-fi bass-midrange speaker, 50 W, 8 Ohm

- For high-quality 2-way or 3-way speaker systems
- As a replacement speaker for older high-quality speaker systems

## Technical data:

Impedance (Z)	: 8 Ohm
Transmission technology	: -
Frequency range	: f3-4,000 Hz
Resonant frequency (fs)	: 28 Hz
Rec. crossov. frequ. (fmax.) (12 dB/oct.)	: -
Power rating (RMS)	: 50 W
Peak music power output (MAX)	: 100 W
SPL	: 90 dB/W/m
Max. rated SPL	: -
Max. voltage	: -
Radiation angle	: -
Radiation angle, horizontal	: -
Radiation angle, vertical	: -
Suspension compl. (Cms)	: 1.32 mm/N
Moving mass (Mms)	: 24.5 g
Mech. Q factor (Qms)	: 2.14
Electr. Q factor (Qes)	: 0.27
Total Q factor (Qts)	: 0.24
Equivalent volume (Vas)	: 81 l
DC resistance (Re)	: 6.5 Ohm
Force factor (BxL)	: 10.30 Tm
Voice coil induct. (Le)	: 1.0 mH
Voice coil diameter	: $\tilde{A}$ 35.5 mm
Voice coil former	: aluminium
Linear excursion (X <sub>MAX</sub> )	: $\pm$ 3.5 mm
Eff. cone area (Sd)	: 210 cm <sup>2</sup>
Magnet weight	: 840 g
Magnet diameter	: $\tilde{A}$ 120 mm
Mounting cutout	: $\tilde{A}$ 183 mm
Mounting depth	: 89 mm
Mounting hole diameter	: -
Hole spacing X-axis	: -
Hole spacing Y-axis	: -
Dimensions	: $\tilde{A}$ 210 mm x 99 mm
Outside diameter	: $\tilde{A}$ 210 mm

Width	: Å~ 210 mm
Height	: -
Depth	: 99 mm
Colour	: black
Protective class	: -
Admiss. ambient temp.	: 0-40 °C
Weight	: 2.52 kg
Packing unit	: 1
Type of speaker	: 8"
Packing dimensions (W x H x L)	: 0.22 x 0.125 x 0.23 m
Gross weight	: 2.68 kg
Net weight	: 2.52 kg
Low-impedance	: 1