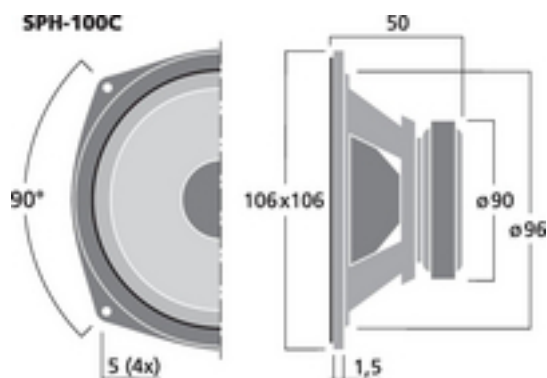
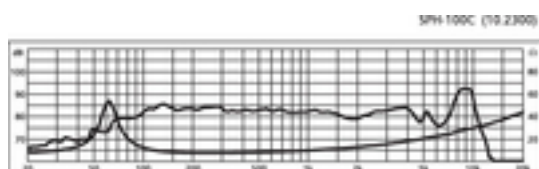


## SPH-100C - HiFi Woofer



Hi-fi bass-midrange speaker, 30 W, 8 Ohm

- A remarkable high-end bass-midrange speaker
- Exceptionally long excursion for this size
- Parameters for really low bass frequencies
- For use in miniature speaker systems with a really deep fundamental bass and for any bass-midrange application of high requirements, for hi-fi and audiophile car hi-fi range

## Technical data:

Impedance (Z)	: 8 Ohm
Transmission technology	: -
Frequency range	: f3-6,000 Hz
Resonant frequency (fs)	: 50 Hz
Rec. crossov. frequ. (fmax.) (12 dB/oct.)	: -
Power rating (RMS)	: 30 W
Peak music power output (MAX)	: 50 W
SPL	: 84 dB/W/m
Max. rated SPL	: -
Max. voltage	: -
Radiation angle	: -
Radiation angle, horizontal	: -
Radiation angle, vertical	: -
Suspension compl. (Cms)	: 1.45 mm/N
Moving mass (Mms)	: 7 g
Mech. Q factor (Qms)	: 3.53
Electr. Q factor (Qes)	: 0.50
Total Q factor (Qts)	: 0.44
Equivalent volume (Vas)	: 6 l
DC resistance (Re)	: 6 Ohm
Force factor (BxL)	: 5.10 Tm
Voice coil induct. (Le)	: 0.65 mH
Voice coil diameter	: $\varnothing$ 25.5 mm
Voice coil former	: Kapton
Linear excursion (X <sub>MAX</sub> )	: $\pm$ 4 mm
Eff. cone area (Sd)	: 54 cm <sup>2</sup>
Magnet weight	: 300 g
Magnet diameter	: $\varnothing$ 90 mm
Mounting cutout	: $\varnothing$ 96 mm
Mounting depth	: 50 mm
Mounting hole diameter	: -
Hole spacing X-axis	: -
Hole spacing Y-axis	: -
Dimensions	: 106 x 106 x 50 mm
Outside diameter	: -

Width	: 106 mm
Height	: 106 mm
Depth	: 50 mm
Colour	: black
Protective class	: -
Admiss. ambient temp.	: 0-40 °C
Weight	: 0.87 kg
Packing unit	: 1
Type of speaker	: 4"
Packing dimensions (W x H x L)	: 0.115 x 0.07 x 0.115 m
Gross weight	: 0.95 kg
Net weight	: 0.87 kg
Low-impedance	: 1