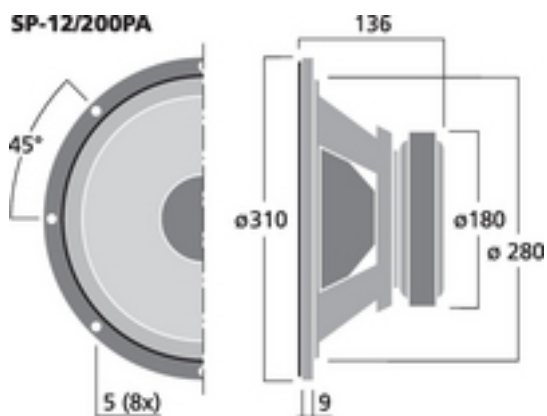
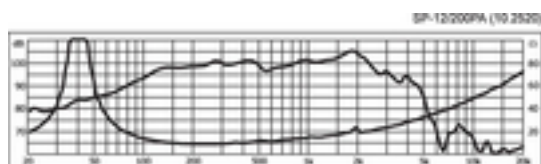


## SP-12/200PA - PA Woofer



PA bass-midrange speaker, 200 W, 8 Ohm

- Very high efficiency and perfect specifications for use in compact full range speaker systems
- Can ideally be combined with mid-high range horns

## Technical data:

Impedance (Z)	: 8 Ohm
Transmission technology	: -
Frequency range	: f3-5,000 Hz
Resonant frequency (fs)	: 45 Hz
Rec. crossov. frequ. (fmax.) (12 dB/oct.)	: -
Power rating (RMS)	: 200 W
Peak music power output (MAX)	: 400 W
SPL	: 100 dB/W/m
Max. rated SPL	: -
Max. voltage	: -
Radiation angle	: -
Radiation angle, horizontal	: -
Radiation angle, vertical	: -
Suspension compl. (Cms)	: 0.29 mm/N
Moving mass (Mms)	: 43 g
Mech. Q factor (Qms)	: 5.20
Electr. Q factor (Qes)	: 0.35
Total Q factor (Qts)	: 0.33
Equivalent volume (Vas)	: 114 l
DC resistance (Re)	: 6.8 Ohm
Force factor (BxL)	: 15.40 Tm
Voice coil induct. (Le)	: 1.2 mH
Voice coil diameter	: $\tilde{A}$ 78 mm
Voice coil former	: Kapton
Linear excursion (X <sub>MAX</sub> )	: $\pm$ 4 mm
Eff. cone area (Sd)	: 531 cm <sup>2</sup>
Magnet weight	: 1.8 kg
Magnet diameter	: $\tilde{A}$ 180 mm
Mounting cutout	: $\tilde{A}$ 280 mm
Mounting depth	: 125 mm
Mounting hole diameter	: -
Hole spacing X-axis	: -
Hole spacing Y-axis	: -
Dimensions	: $\tilde{A}$ 310 mm x 136 mm
Outside diameter	: $\tilde{A}$ 310 mm

Width	: Å~ 310 mm
Height	: -
Depth	: 136 mm
Colour	: black
Protective class	: -
Admiss. ambient temp.	: 0-40 °C
Weight	: 5.74 kg
Packing unit	: 1
Type of speaker	: 12"
Packing dimensions (W x H x L)	: 0.345 x 0.17 x 0.34 m
Gross weight	: 6.75 kg
Net weight	: 5.74 kg
Low-impedance	: 1