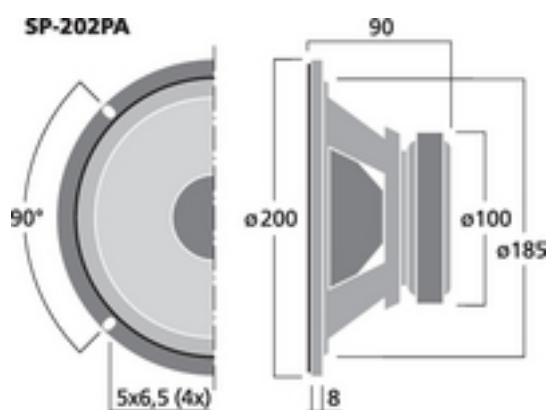
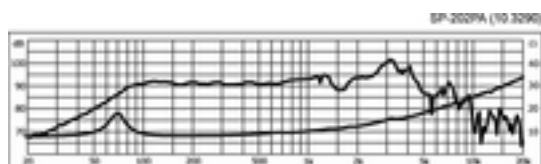


## SP-202PA - Woofer



Universal bass-midrange speaker, 50 W, 8 Ohm  
For bass-midrange applications, also in power speaker systems.

## Technical data:

Impedance (Z)	: 8 Ohm
Transmission technology	: -
Frequency range	: f3-4,500 Hz
Resonant frequency (fs)	: 68 Hz
Rec. crossov. frequ. (fmax.) (12 dB/oct.)	: -
Power rating (RMS)	: 50 W
Peak music power output (MAX)	: 100 W
SPL	: 91 dB/W/m
Max. rated SPL	: -
Max. voltage	: -
Radiation angle	: -
Radiation angle, horizontal	: -
Radiation angle, vertical	: -
Suspension compl. (Cms)	: 0.2 mm/N
Moving mass (Mms)	: 18 g
Mech. Q factor (Qms)	: 2.33
Electr. Q factor (Qes)	: 2.25
Total Q factor (Qts)	: 1.1
Equivalent volume (Vas)	: 12 l
DC resistance (Re)	: 7.4 Ohm
Force factor (BxL)	: 5.60 Tm
Voice coil induct. (Le)	: 0.4 mH
Voice coil diameter	: $\varnothing$ 25 mm
Voice coil former	: aluminium
Linear excursion (X <sub>MAX</sub> )	: $\pm$ 3 mm
Eff. cone area (Sd)	: 216 cm <sup>2</sup>
Magnet weight	: 570 g
Magnet diameter	: $\varnothing$ 100 mm
Mounting cutout	: $\varnothing$ 185 mm
Mounting depth	: 82 mm
Mounting hole diameter	: -
Hole spacing X-axis	: -
Hole spacing Y-axis	: -
Dimensions	: $\varnothing$ 200 mm x 90 mm
Outside diameter	: $\varnothing$ 200 mm

Width	: Å~ 200 mm
Height	: -
Depth	: 90 mm
Colour	: black
Protective class	: -
Admiss. ambient temp.	: 0-40 °C
Weight	: 1.115 kg
Packing unit	: 1
Type of speaker	: 8"
Packing dimensions (W x H x L)	: 0.21 x 0.095 x 0.21 m
Gross weight	: 1.245 kg
Net weight	: 1.115 kg
Low-impedance	: 1