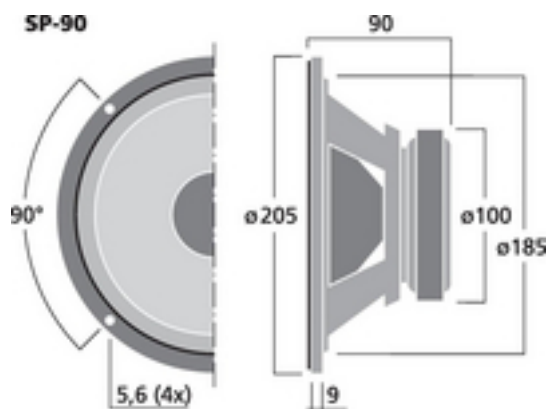
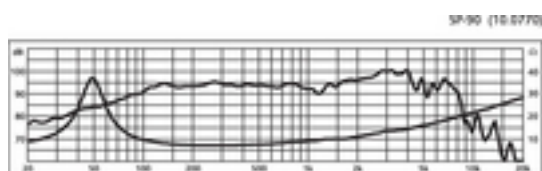


SP-90 - Woofer



Universal bass speaker, 35 W, 8 Ohm

- Soft suspension
- For general bass applications

Technical data:

Impedance (Z)	: 8 Ohm
Transmission technology	: -
Frequency range	: f3-8,000 Hz
Resonant frequency (fs)	: 45 Hz
Rec. crossov. frequ. (fmax.) (12 dB/oct.)	: -
Power rating (RMS)	: 35 W
Peak music power output (MAX)	: 70 W
SPL	: 92 dB/W/m
Max. rated SPL	: -
Max. voltage	: -
Radiation angle	: -
Radiation angle, horizontal	: -
Radiation angle, vertical	: -
Suspension compl. (Cms)	: 0.8 mm/N
Moving mass (Mms)	: 17 g
Mech. Q factor (Qms)	: 3.36
Electr. Q factor (Qes)	: 0.68
Total Q factor (Qts)	: 0.57
Equivalent volume (Vas)	: 42 l
DC resistance (Re)	: 6.5 Ohm
Force factor (BxL)	: -
Voice coil induct. (Le)	: 0.5 mH
Voice coil diameter	: \tilde{A} 25 mm
Voice coil former	: aluminium
Linear excursion (X _{MAX})	: \pm 2 mm
Eff. cone area (Sd)	: 210 cm ²
Magnet weight	: 380 g
Magnet diameter	: \tilde{A} 100 mm
Mounting cutout	: \tilde{A} 185 mm
Mounting depth	: 81 mm
Mounting hole diameter	: \tilde{A} 192 mm
Hole spacing X-axis	: 135 mm
Hole spacing Y-axis	: 135 mm
Dimensions	: \tilde{A} 205 mm x 90 mm
Outside diameter	: \tilde{A} 205 mm



Width	: Å~ 205 mm
Height	: -
Depth	: 90 mm
Colour	: black
Protective class	: -
Admiss. ambient temp.	: 0-40 °C
Weight	: 1.223 kg
Packing unit	: 1
Type of speaker	: 8"
Packing dimensions (W x H x L)	: 0.21 x 0.1 x 0.21 m
Gross weight	: 1.388 kg
Net weight	: 1.223 kg
Low-impedance	: 1