

B200

Visaton 20 cm (8") High-end full-range loudspeaker

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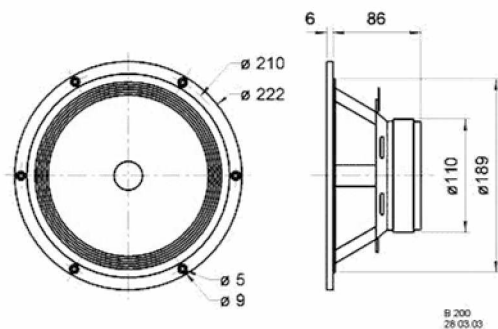
General description

These high-end speakers stand out because of their high degree of sensitivity and extremely well-balanced frequency response free of noticeable deviations. This is achieved by using a very light-weight paper cone, a fabric surround and an optimised driver equipped with a 25 mm voice coil which makes optimum use of the magnetic field in the air gap. The capton voice coil carrier is vented. The sturdy aluminum diecast basket is not only optically appealing but, thanks to its rear-venting openings, ensures that physical losses are minimised. Distortion is suppressed to a very low, uniform level.

The B 200 is ideally suited to use in high-quality, powerful single-band speakers, where the cabinet design need not be restricted to classic, fully enclosed or vented cabinets, but more exotic alternatives like horns or open baffles can be used to create amazing results.

Technical Data:

Rated power	40 Watt
Maximum power	70 Watt
Nominal impedance	6 Ohm
Frequency response (-10 dB)	fu - 18000 Hz
(fu: Lower cut-off frequency depending on cabinet)	.
Mean sound pressure level	96 dB (2,83V / 1m)
Maximum linear displacement	+/- 3,5 mm
Resonance frequency fs	40 Hz
Magnetic induction	1,2 Tesla
Magnetic flux	755 µWeber
Height of front pole-plate	8 mm
Voice coil diameter	25 mm
Height of winding	4 mm
Cutout diameter	190 mm
Net weight	2,16 kg
D.C. resistance Rdc	5,0 Ohm
Mechanical Q factor Qms	8,39
Electrical Q factor Qes	0,83
Total Q factor Qts	0,75
Equivalent volume Vas	102 l
Effective piston area Sd	214 cm ²
Dynamically moved mass Mms	9,7 g
Force factor Bxl	3,9 T m
Inductance of the voice coil L	0,5 mH



drawing

Visaton B 200 - 6 Ohm
Frequenzgang und Impedanz

