

BG20

Visaton 20 cm (8") full range speaker (3020)

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General description

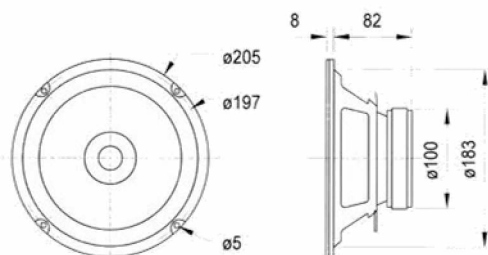
20 cm (8") full-range speaker with tweeter dome. High efficiency. Suitable for full-range units as vocal or guitar monitors or as a mid-range unit for full-scale or musicians' PA systems.

Typical applications:

- Midrange unit for full scale or musicians' PA systems
- Vocal or guitar monitors
- Fullrange speaker for electronic organs and keyboards

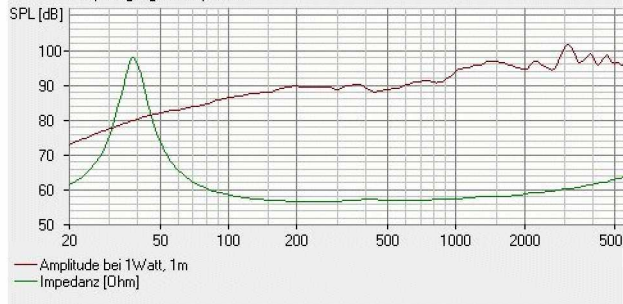
Technical Data:

Nominal power handling	40 Watt
Peak power handling	70 Watt
Nominal impedance	8 Ohm
Frequency response (-10 dB)	fu - 18000 Hz
(fu: Lower cut-off frequency depending on cabinet)	.
Mean sound pressure level	92 dB (1W/1m)
Maximum cone displacement	8 mm
Resonance frequency fs	36 Hz
Magnetic induction	1,2 Tesla
Magnetic flux	380 μ Weber
Height of front pole-plate	4 mm
Voice coil diameter	2,5 cm
Cutout diameter	184 mm
Net weight	1,3 kg
D.C. resistance Rdc	6,4 Ohm
Mechanical Q factor Qms	1,6
Electrical Q factor Qes	0,4
Total Q factor Qts	0,32
Equivalent volume Vas	121 l
Effective piston area Sd	214 cm ²
Dynamically moved mass Mms	10 g
Force factor Bxl	6,12 T · m
Inductance of the voice coil L	0,75 mH



drawing

Visaton BG 20 - 8 Ohm
Frequenzgang und Impedanz



frequency response