GF200

Visaton 20 cm (8") High-End woofer with double voice-coil

BACK

General description

20 cm (8") High-End woofer with black glass fiber cone, solid aluminium die-cast basket and elastic rubber surround. Designed for multi-purpose applications due to 2 x 4 ohms double voice-coil, with excellent properties as 8 ohms drivers in series configuration. The long stroke voice-coil in conjunction with the extended rear pole plate, the vented damper, the vented magnet and the capton voice-coil carrier guarantees long strokes and highest power handling.

Technical Data: One voice coil not connected

Nominal power handling	120 Watt
Peak power handling	180 Watt
Nominal impedance	4 Ohm
Frequency response (-10 dB) (fu: Lower cut-off frequency depending on cabinet)	fu - 8000 Hz
Mean sound pressure level	85 dB (1W/1m)
Maximum cone displacement	20 mm
Resonance frequency fs	32 Hz
Magnetic induction	1,3 Tesla
Magnetic flux	930 µ Weber
Height of front pole-plate	6 mm
Voice coil diameter	38 mm
Height of winding	20 mm
Cutout diameter	190 mm
Net weight	2,5 kg
D.C. resistance Rdc	3,0 Ohm
Mechanical Q factor Qms	4,53
Electrical Q factor Qes	0,76
Total Q factor Qts	0,65
Equivalent volume Vas	62 l
Effective piston area Sd	214 cm^2
Dynamically moved mass Mms	25 g
Force factor Bxl	4,6 T m
Inductance of the voice coil L	0,65 mH

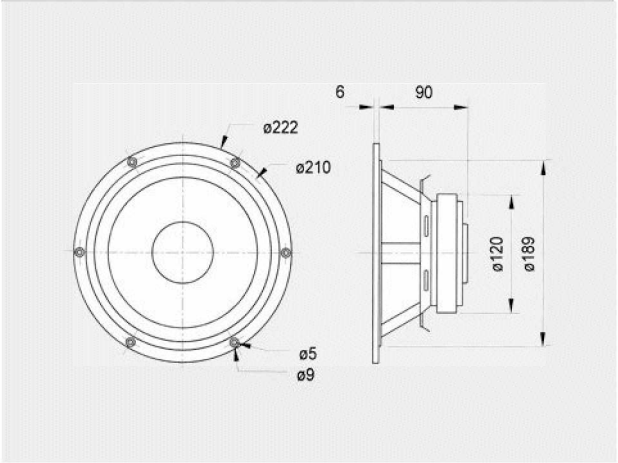
Technical Data: Both voice coils in series

Nominal power handling	120 Watt
Peak power handling	180 Watt
Nominal impedance	8 Ohm
Frequency response (-10 dB)	fc - 2000 Hz
Mean sound pressure level	88 dB (1 W/1 m)
Maximum cone displacement	20 mm
Resonance frequency fs	29 Hz
Magnetic induction	1,3 Tesla
Magnetic flux	930 µ Weber
Height of front pole-plate	6 mm
Voice coil diameter	38 mm
Height of winding	20 mm
Cutout diameter	190 mm
Net weight	2,5 kg
D.C. resistance Rdc	6,0 Ohm
Mechanical Q factor Qms	3,69
Electrical Q factor Qes	0,35
Total Q factor Qts	0,32
Equivalent volume Vas	73
Effective piston area Sd	214 cm^2
Dynamically moved mass Mms	25 g
Force factor Bxl	9,2 T m
Inductance of the voice coil L	1,3 mH

Technical Data: Both voice coils in parallel

Nominal power handling	120 Watt
Peak power handling	180 Watt
Nominal impedance	2 Ohm
Frequency response (-10 dB)	fc -2000 Hz
Mean sound pressure level	88 dB (1 W/1 m)

Maximum cone displacement	20 mm
Resonance frequency fs	32 Hz
Magnetic induction	1,3 Tesla
Magnetic flux	930 µ Weber
Height of front pole-plate	6 mm
Voice coil diameter	38 mm
Height of winding	20 mm
Cutout diameter	190 mm
Net weight	2,5 kg
D.C. resistance Rdc	1,5 Ohm
Mechanical Q factor Qms	4,42
Electrical Q factor Qes	0,41
Total Q factor Qts	0,36
Equivalent volume Vas	57
Effective piston area Sd	214 cm^2
Dynamically moved mass Mms	25 g
Force factor Bxl	4,6 T m
Inductance of the voice coil L	0,33 mH



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