

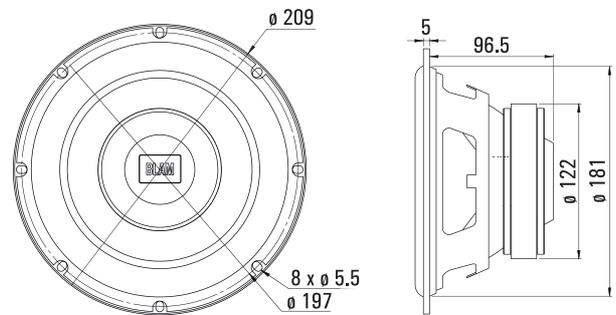
# R8 EL 4Ω

## Subwoofer

**4 ohms 210 mm (8") subwoofer for compact enclosure**  
**Power Max 300 W**

- 210 mm (8") subwoofer for compact enclosure
- Maximum power: 300 W / Nominal Power 150 W
- Frequency response 45 Hz - 500 Hz
- Impedance 4 Ω

Steel basket with machined gasket - Rigid treated pulp cone - Butyl rubber surround - Long life "Nonex" spider - 40mm voice coil, on fiber glass former - 120 mm x 20 mm motor assembly - Machined extended T yoke - Optimized for use in a 10 to 13 liter bass reflex enclosure - Grille included



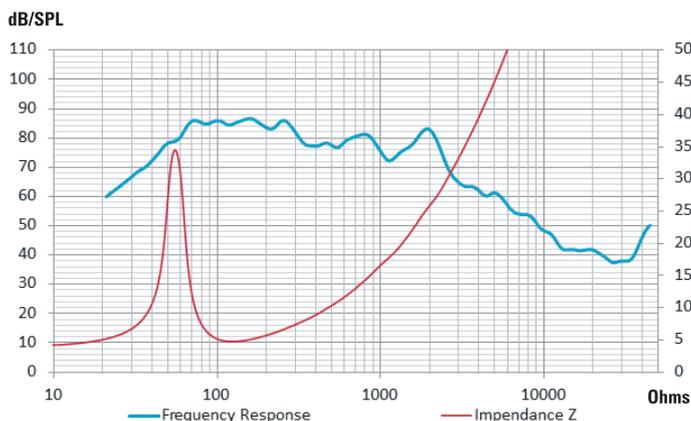
### TECHNICAL SPECIFICATIONS

Component	Subwoofer	
Max power	300 W	
Nominal power	150 W	
Impedance	4 Ω	
Freq. Response	45 - 500 Hz	
Sensitivity (2,83V/1m)	89 dB	
Magnet	Ferrite	
Magnet size Ø x h	120 x 20 mm	4.724 "x 0.787"
Total driver displacement	0.5 l	0.018 cf
Weight of one component	2.3 kg	5.071 lb
Voice coil Ø	40 mm	1.575"
Voice coil height	22 mm	0.866"
Cone	Rigid treated paper	

### THIELE-SMALL PARAMETERS

effective Ø (d)	165 mm
Sd	213.82 cm <sup>2</sup>
Xmax	8 mm
Re	3.7 Ω
Fs	56.4 Hz
Le	208 µH @ 1 kHz
L2	87 µH @ 10 kHz
Vas	9.76 L
Mms	52 g
Cms	0.1529 mm/N
BL	9.41 Tm
Qts	0.7
Qes	0.77
Qms	8.8
Sensitivity (dB/W/m)	85.62 dB

### FREQUENCY RESPONSE / IMPEDANCE



### RECOMMENDED ENCLOSURES

Internal volume Vb	Internal ø port	Length port	Fb	F-3dB	Boost
10	7 cm	30 cm	80 Hz	50 Hz	5,2 dB at 89 Hz
15	7 cm	25 cm	70 Hz	42 Hz	4,1 dB at 79 Hz
25	7 cm	15 cm	47 Hz	36 Hz	4,0 dB at 60 Hz