

8" / 20 cm dual voice coil subwoofer



Technical data:

Power handling:	<i>RMS / Max.</i>	200 / 300 Watts
Impedance:	<i>Z</i>	2 x 2 Ohms
Voice coil diameter:	\emptyset	38.8 mm
Voice coil winding height:		14.5 mm
Max. linear excursion:	<i>Xmax</i>	+/- 4.5 mm
Cone area:	<i>Sd</i>	214 cm ²
Moving mass:	<i>Mms</i>	53 g
DC resistance:	<i>Re</i>	2 x 1.6 Ohms
Resonance frequency:	<i>Fs</i>	52 Hz
Mechanical Q factor:	<i>Qms</i>	5.08
Electrical Q factor:	<i>Qes</i>	0.81
Total Q factor:	<i>Qts</i>	0.70
Equivalent air volume:	<i>Vas</i>	11.2 L
Voice coil inductance:	<i>Le</i>	1.24 mH
Force factor:	<i>B*I</i>	8.3 Tm
Efficiency 1 W / 1 m:	<i>SPL</i>	85 dB

Dimensions:

Outer diameter:	\emptyset	216 mm / 8.50"
Cutout diameter:	\emptyset	186 mm / 7.35"
Mounting depth:		58 mm / 2.28"

Recommended enclosure:

Sealed box

Sealed net volume:	9 L
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Ported box

Vented net volume:	18 L
Port diameter:	\emptyset 7 cm
Port area:	38 cm ²
Port length:	25 cm
Port tuning frequency:	<i>Fb</i> 45 Hz