

Subwoofers



Order number: Q431000
WEEE-Reg.-Nr. DE 29323089

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Specifications

Power RMS / max. P 750 / 1,500 Watts Impedance Z...

Power RMS / max.	<i>P</i>	750 / 1,500 Watts
Impedance	<i>Z</i>	2 x 2 Ω
DC resistance	<i>Re</i>	2 x 1.95 Ω
Resonance frequency	<i>Fs</i>	35 Hz
Mechanical Q factor	<i>Qms</i>	4.17
Electrical Q factor	<i>Qes</i>	0.42
Total Q factor	<i>Qts</i>	0.38
Compliance	<i>Cms</i>	99 μm/N
Equivalent air volume	<i>Vas</i>	13.8 L
Force factor	<i>B*I</i>	21.5 Tm
Efficiency 1 W / 1 m	<i>SPL</i>	85.0 dB
Cone area	<i>Sd</i>	333 cm²

Moving mass	<i>Mms</i>	220 g
Cone material		Non-pressed paper cone
Mechanical resistance	<i>Rms</i>	11.9 kg/s
Voice coil diameter	∅	63.5 mm
Voice coil winding height		40 mm
Max. linear excursion	<i>Xmax</i>	+/- 14.0 mm
Outer diameter	∅	274 mm / 10.79"
Installation diameter	∅	234 mm / 9.21"
Installation depth		163 mm / 6.42"

Recommended enclosure volumes

Sealed box

Net volume	15 L
Lower limiting frequency (-3dB)	52 Hz

Vented box

Net volume	30 L
Port diameter	∅ 80 mm / 3.15"
Port area	50 cm²
Port length	25 cm / 9.84"
Port tuning frequency	<i>Fb</i> 38 Hz
Lower limiting frequency (-3dB)	39 Hz

Accessories 1

