

Subwoofers



Order number: Q431200
WEEE-Reg.-Nr. DE 29323089

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Specifications

Power RMS / max. P 1,000 / 2,000 Watts Impedance Z...

Power RMS / max.	<i>P</i>	1,000 / 2,000 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>	4,61
Electrical Q factor	<i>Qes</i>	0,41
Total Q factor	<i>Qts</i>	0,37
Compliance	<i>Cms</i>	70 μm/N
Equivalent air volume	<i>Vas</i>	24.7 L
Force factor	<i>B*I</i>	26.8 Tm
Efficiency 1 W / 1 m	<i>SPL</i>	87.0 dB
Cone area	<i>Sd</i>	539 cm²

Moving mass	<i>Mms</i>	330 g
Cone material		Non-pressed paper cone
Mechanical resistance	<i>Rms</i>	16.0 kg/s
Voice coil diameter	∅	76 mm
Voice coil winding height		40 mm
Max. linear excursion	<i>Xmax</i>	+/- 14.0 mm
Outer diameter	∅	326 mm / 12.84"
Installation diameter	∅	284 mm / 11.18"
Installation depth		188 mm / 7.40"

Recommended enclosure volumes

Sealed box

Net volume	30 L
Lower limiting frequency (-3dB)	49 Hz

Vented box

Net volume	50 L
Port diameter	∅ 100 mm / 3.94"
Port area	78 cm²
Port length	28 cm / 11.02"
Port tuning frequency	<i>Fb</i> 34 Hz
Lower limiting frequency (-3dB)	33 Hz

Accessories 1

