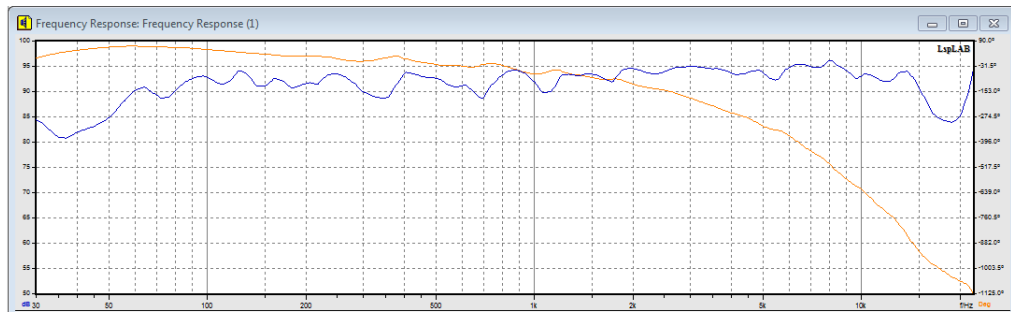


SWR300A for vented box applications

Manufacturer: 171101
Model:
Thiele-Small parameters
Fs: 36 Hz
Mmd: 24.1165 grams
Mms: 30.1634 grams
Cms: 0.648 mm/N
Rms: 1.4304 kg/s
Vas: 212 liter
Xmax: ±2 mm
Sd: 480 cm²
Re: 6.3 Ohm
Le: 0.45 m.H
Bl: 10.3662 T·m
Qms: 4.77
Qes: 0.4
Qts: 0.3691
no: 2.3981 %
SPL: 95.8 dB-1W/1m
SPL: 96.84 dB-2.83V/1m



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Global | Closed | vented | bandpass |

Tuning Parameters

Alignment: None... Highpass filter: None

Compliance ratio - a: 1.4133 Cutoff freq. (Hz):

Tuning ratio - h: 1.0556 Filter Q:

Loss Q - QL: 7

Practical Parameters

Number of units: 1 ☐ Isobaric

Box volume (liter) - Vb: 150

Tuning freq. (Hz) - Fb: 38

Vent dia. (cm) - Dv: 10.5 ☒ Dia

Number of vents: 1

Vent length (cm) - Lv: 4.3

Diagram: A schematic of a vented box with a speaker. The box volume is labeled Vb. The vent is labeled Fb, Sv, Lv.

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