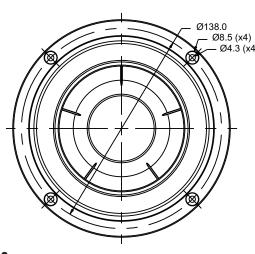
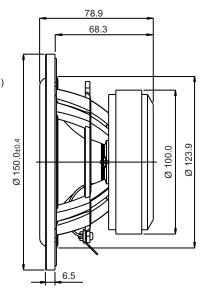
SIACOUSTICS

5" SB15NAC30-8







FEATURES

- Vented cast aluminum chassis for optimum strength and low compression
- Geometrically reinforced aluminum cone for optimum piston operation and reduced break-up.
- Soft low damping rubber surround for improved transient response
- Non-conducting fibre glass voice coil former for minimum damping
- Extended copper sleeve on pole piece for low inductance and low distortion
- CCAW voice coil for reduced moving mass
- Long life silver lead wires
- Vented pole piece for reduced compression

Specs:

opeos:				
	Nominal Impedance	8Ω	Free air resonance, Fs	35.5 Hz
	DC resistance, Re	5.7 Ω	Sensitivity (2.83 V / 1 m)	85.5 dB
	Voice coil inductance, Le	0.14 mH	Mechanical Q-factor, Qms	6.0
	Effective piston area, Sd	82 cm ²	Electrical Q-factor, Qes	0.39
	Voice coil diameter	30.5 mm	Total Q-factor, Qts	0.37
	Voice coil height	14 mm	Moving mass incl.air, Mms	10.8 g
	Air gap height	5 mm	Force factor, BI	5.9 Tm
	Linear coil travel (p-p)	10 mm	Equivalent volume, Vas	17.7 liters
	Magnetic flux density	1.0 T	Compliance, Cms	1.86 mm/N
	Magnet weight	0.54 kg	Mechanical loss, Rms	0.4 kg/s
	Net weight	1.46 kg	Rated power handling*	50 W

^{*} IEC 268-5, T/S parameters measured on drive units that are broken in.

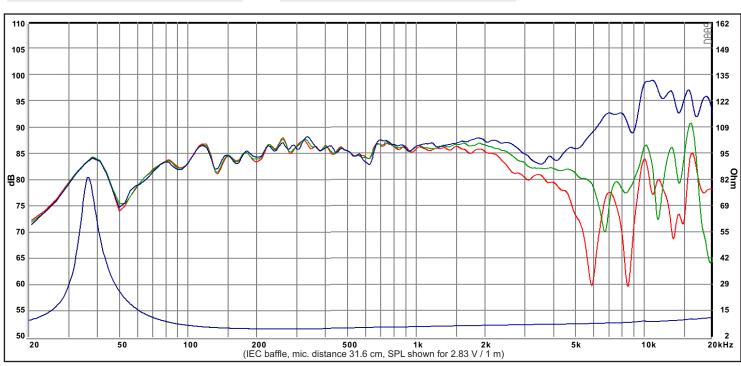
Box recommendations:

Sealed box: 8-15 liter

Vented box: 11 liter tuned to 37 Hz

Conditions:

0.4 ohm additional series resistance Qa = 30 (sealed box only) Qb = 7 (vented box only) Volumes given are effective acoustic volumes



Response Curve : ---- (Blue) : on axis

--- (Green) : 30° off-axis

—— (Red): 60° off-axis