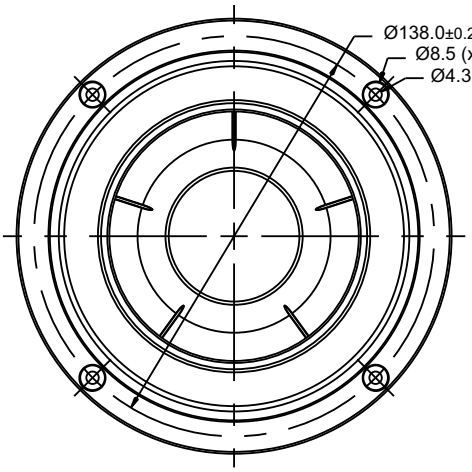
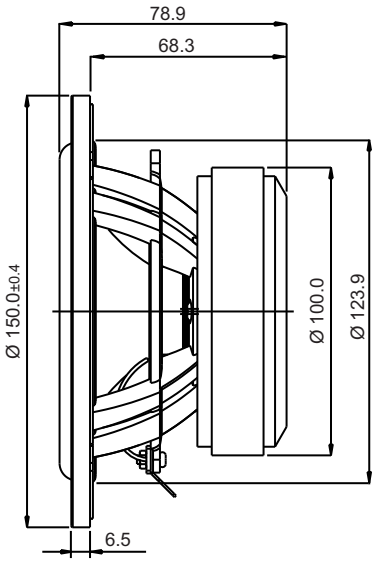
SB ACOUSTICS

5” SB15CAC30-8





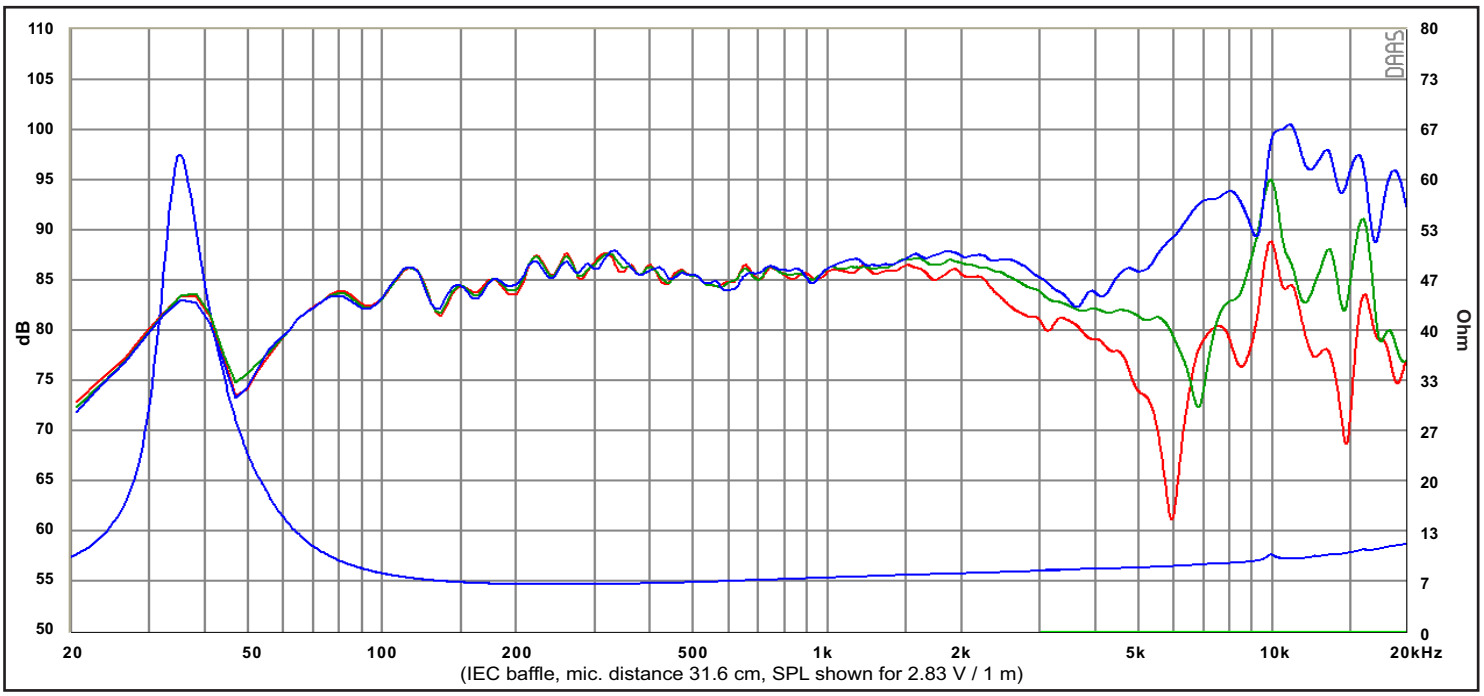
FEATURES

- Vented cast aluminium chassis for optimum strength and low compression
- Geometrically reinforced ceramic 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 :

Nominal Impedance	8 Ω	Free air resonance, Fs	35.5 Hz
DC resistance, Re	5.7 Ω	Sensitivity (2.83 V / 1 m)	86 dB
Voice coil inductance, Le	0.14 mH	Mechanical Q-factor, Qms	4.77
Effective piston area, Sd	82 cm^2	Electrical Q-factor, Qes	0.42
Voice coil diameter	30.5 mm	Total Q-factor, Qts	0.38
Voice coil height	14 mm	Moving mass incl.air, Mms	10.7 g
Air gap height	5 mm	Force factor, Bl	5.7 Tm
Linear coil travel (p-p)	10 mm	Equivalent volume, Vas	17.9 liters
Magnetic flux density	1.0 T	Compliance, Cms	1.88 mm/N
Magnet weight	0.54 kg	Mechanical loss, Rms	0.5 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.



Response Curve :

(Blue) : on axis (Green) : 30° off-axis (Red) : 60° off-axis

REV.2 (07.01.2019)