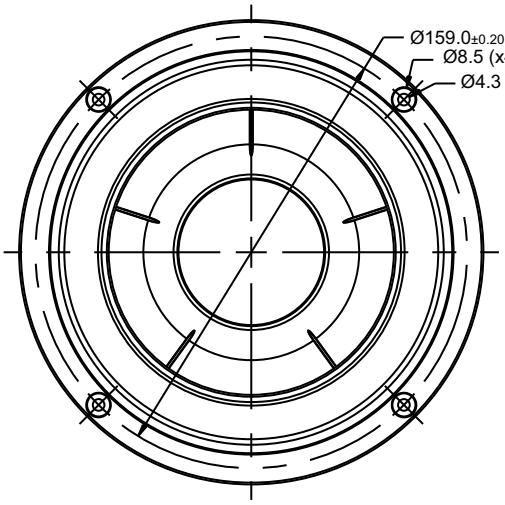
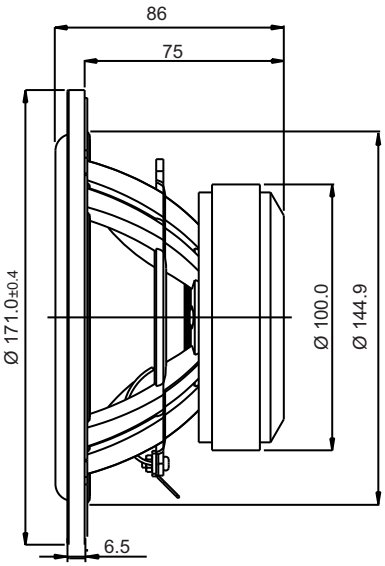
SB ACOUSTICS

6" SB17NBAC35-8

Preliminary data





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 :

Nominal Impedance	8 Ω	Free air resonance, Fs	31.5 Hz
DC resistance, Re	5.7 Ω	Sensitivity (2.83 V / 1 m)	86.5 dB
Voice coil inductance, Le	0.15 mH	Mechanical Q-factor, Qms	4.1
Effective piston area, Sd	118 cm^2	Electrical Q-factor, Qes	0.38
Voice coil diameter	35.5 mm	Total Q-factor, Qts	0.35
Voice coil height	16 mm	Moving mass incl.air, Mms	12.5 g
Air gap height	5 mm	Force factor, Bl	5.9 Tm
Linear coil travel (p-p)	11 mm	Equivalent volume, Vas	45 liters
Magnetic flux density	1.0 T	Compliance, Cms	2.3 mm/N
Magnet weight	0.54 kg	Mechanical loss, Rms	0.6 kg/s
Net weight	1.56 kg	Rated power handling*	60 W

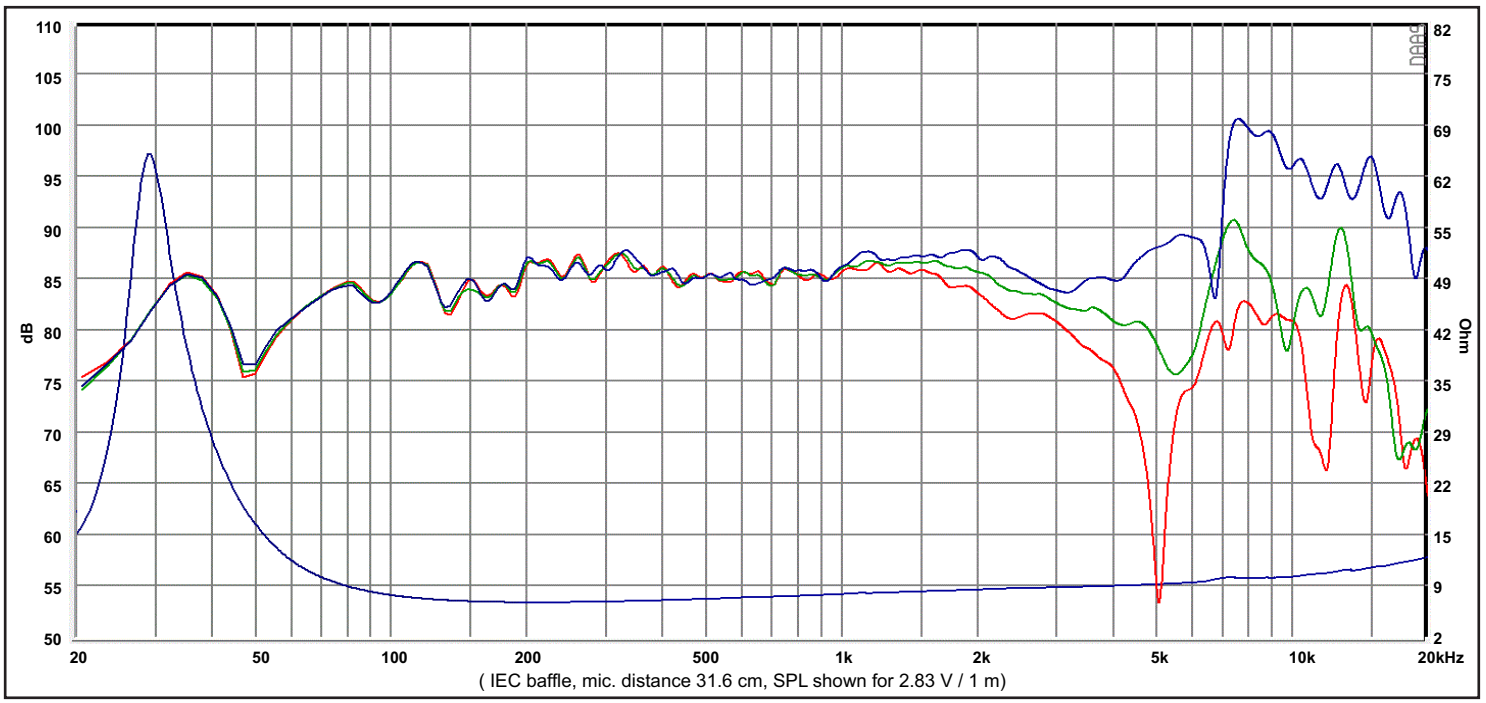
* IEC 268-5, T/S parameters measured on drive units that are broken in.

Box recommendations :

Sealed box : -
Vented box : -

Conditions:

-



Response Curve :

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

REV.0 (09.01.2017)