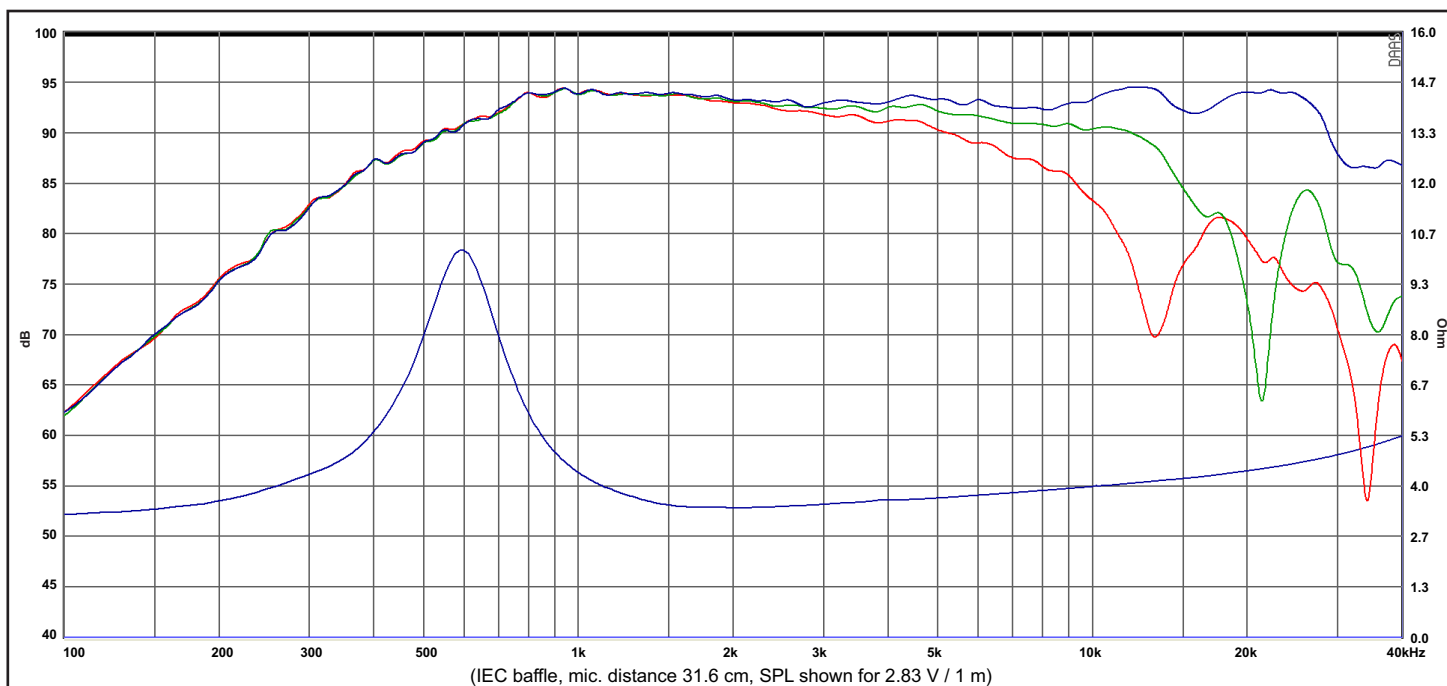# SB ACOUSTICS

SB29RDAC-C000-4

FEATURES

- Non-resonant diaphragm design for minimum high frequency break-up
- Dual balanced compression chamber for improved dynamics
- Copper cap for reduced voice coil inductance and minimum phase shift
- Saturation controlled motor system for low distortion
- Non-reflective rear chamber with optimized damping for improved dynamics
- Flow optimized vented pole piece for optimum coupling to rear chamber
- CCAW voice coil for low moving mass
- Long life silver lead wires
- Low resonance frequency

Specs :

Nominal Impedance	4 Ω		Free air resonance, Fs	600 Hz
DC resistance, Re	3.0 Ω		Sensitivity (2.83 V / 1 m)	93 dB
Voice coil inductance, Le	0.05 mH		Mechanical Q-factor, Qms	2.2
Effective piston area, Sd	9.6 cm²		Electrical Q-factor, Qes	0.9
Voice coil diameter	29.0 mm		Total Q-factor, Qts	0.64
Voice coil height	2.0 mm		Force factor, Bl	2.4 Tm
Air gap height	2.5 mm		Rated power handling*	100 W
Linear coil travel (p-p)	0.5 mm		Magnetic flux density	1.1 T
Moving mass incl. air, Mms	0.45 g		Magnet weight	0.22 kg
			Net weight	0.5 kg

* IEC 268-5, high-pass Butterworth, 2600 Hz, 12 dB/oct

(IEC baffle, mic. distance 31.6 cm, SPL shown for 2.83 V / 1 m)

REV.0 (04.05.2017)

Response Curve :

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