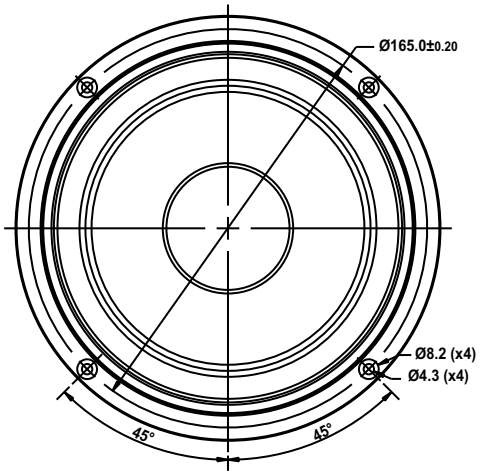
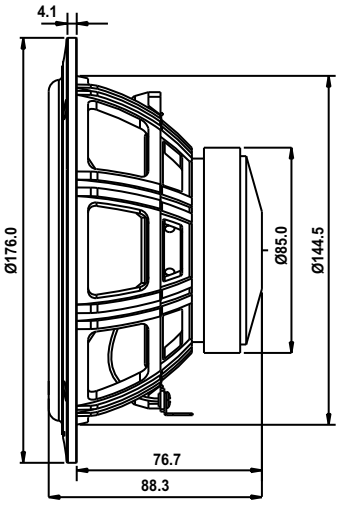
SB ACOUSTICS

6” SB16PFC25-08-R

Prototype data





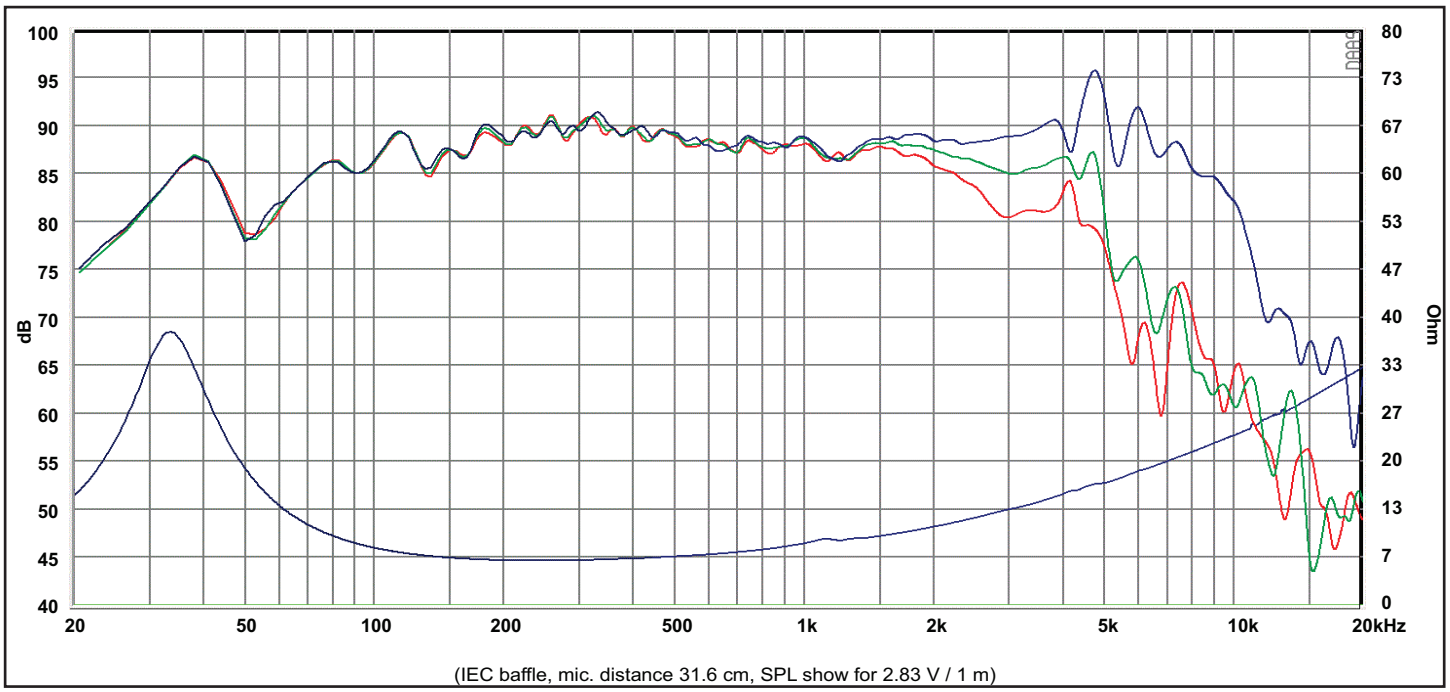
FEATURES

- Vented reinforced plastic chassis
- Proprietary cone material with natural fibers made in-house
- Soft low damping rubber surround for improved transient response
- Optimized motor system
- Vented coil former for low compression
- Non-resonant long life lead wires

Specs :

Nominal Impedance	8 Ω	Free air resonance, Fs	38 Hz
DC resistance, Re	5.6 Ω	Sensitivity (2.83 V / 1 m)	87 dB
Voice coil inductance, Le	0.77 mH	Mechanical Q-factor, Qms	2.5
Effective piston area, Sd	124 cm^2	Electrical Q-factor, Qes	0.48
Voice coil diameter	25.4 mm	Total Q-factor, Qts	0.40
Voice coil height	14 mm	Moving mass incl.air, Mms	13.8 g
Air gap height	5 mm	Force factor, Bl	6.2 Tm
Linear coil travel (p-p)	9 mm	Equivalent volume, Vas	27 liters
Magnetic flux density	1.07 T	Compliance, Cms	1.25 mm/N
Magnet weight	0.36 kg	Mechanical loss, Rms	1.4 kg/s
Net weight	0.94 kg	Rated power handling*	40 W

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



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

Response Curve :

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

REV.0 (20.04.2018)