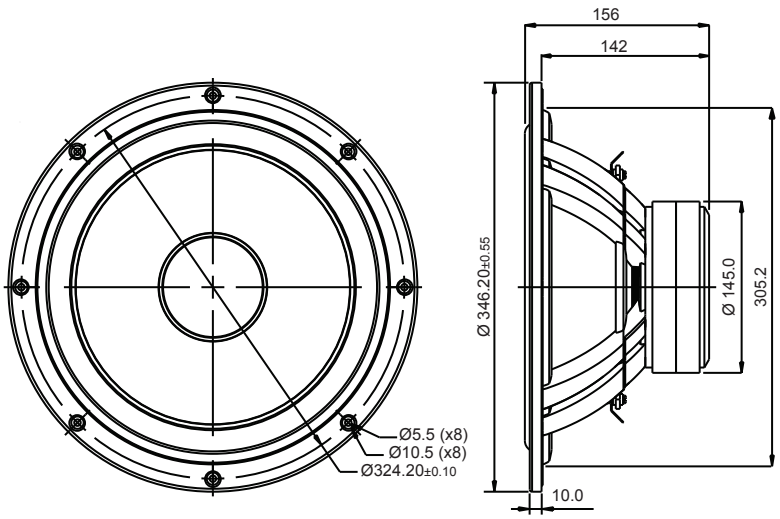
SB ACOUSTICS

12" SB34NRX75-16

Preliminary data



FEATURES

- Designed for open baffle
- High flow venting center pole
- 3" CCAW voice coil
- Low dampening surround
- Non-inductive voice coil former
- Proprietary cone materials made-in-house
- Cast Aluminium chassis

Specs :

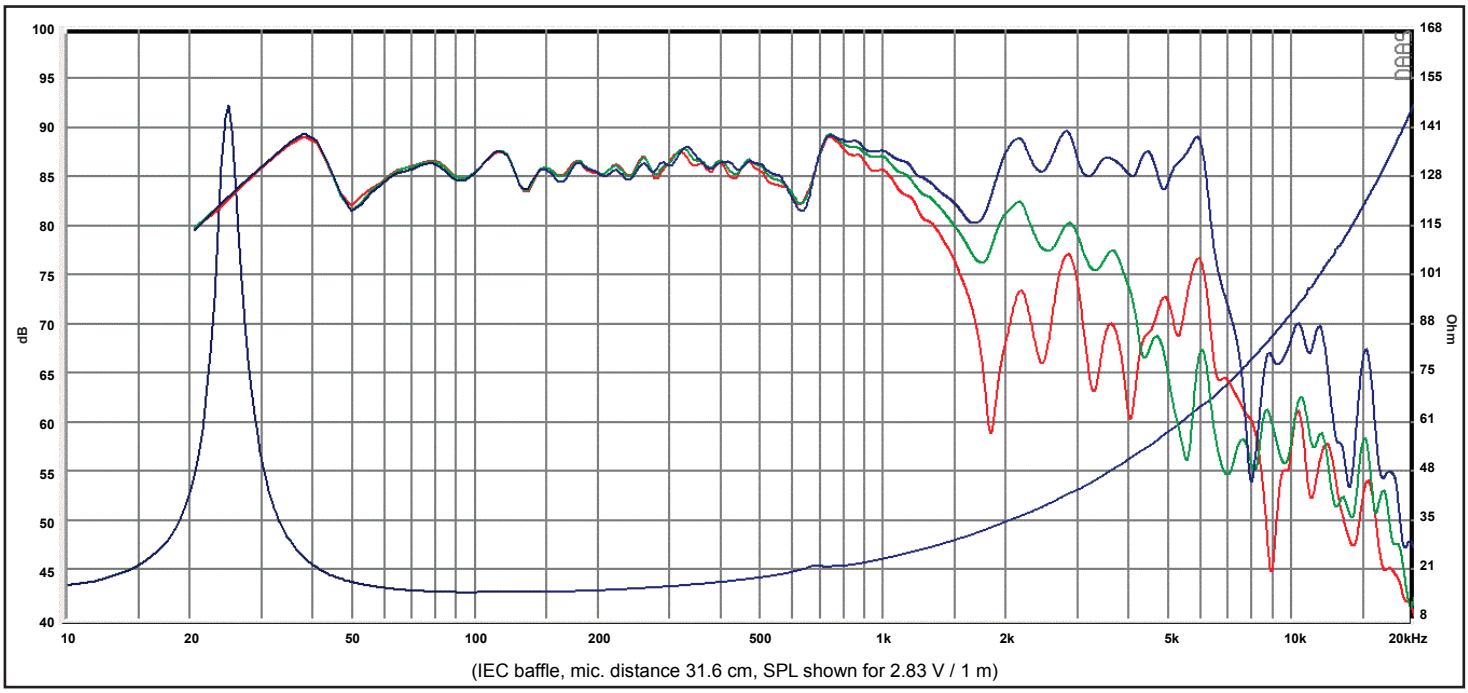
Nominal Impedance	16 Ω	Free air resonance, Fs	24.5 Hz
DC resistance, Re	14.0 Ω	Sensitivity (2.83 V / 1 m)	86 dB
Voice coil inductance, Le	3.2 mH	Mechanical Q-factor, Qms	6.52
Effective piston area, Sd	508 cm^2	Electrical Q-factor, Qes	0.74
Voice coil diameter	75.6 mm	Total Q-factor, Qts	0.66
Voice coil height	28 mm	Moving mass incl.air, Mms	72 g
Air gap height	6 mm	Force factor, Bl	14.5 Tm
Linear coil travel (p-p)	22 mm	Equivalent volume, Vas	216 liters
Magnetic flux density	0.9 T	Compliance, Cms	0.59 mm/N
Magnet weight	2.1 kg	Mechanical loss, Rms	1.7 kg/s
Net weight	6.0 kg	Rated power handling*	100 W

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

Box recommendations :

Sealed box : N/A (Designed for open baffle only)

Reflex box : N/A (Designed for open baffle only)



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

REV.0 (27.01.2018)

Response Curve :

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