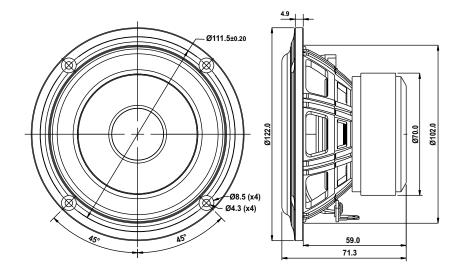
4" SB12PFCR25-8

Preliminary data







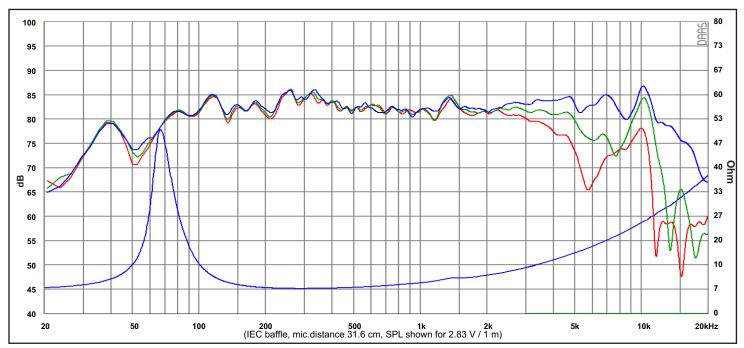
FEATURES

- Vented reinforced plastic chassis
- Proprietary cone material with natural fibers made in-house
- Butyl rubber surround for smooth frequency response
- Vented motor system for low compression
- Long stroke linear suspension for improved dynamics
- Non-resonant long life lead wires

Specs:

Nominal Impedance	8 Ω	Free air resonance, Fs	64 Hz
DC resistance, Re	6.4Ω	Sensitivity (2.83 V / 1 m)	84.5 dB
Voice coil inductance, Le	0.36 mH	Mechanical Q-factor, Qms	4.10
Effective piston area, Sd	50 cm ²	Electrical Q-factor, Qes	0.65
Voice coil diameter	25.4 mm	Total Q-factor, Qts	0.56
Voice coil height	15 mm	Moving mass incl.air, Mms	5.1 g
Air gap height	5 mm	Force factor, BI	4.5 Tm
Linear coil travel (p-p)	10 mm	Equivalent volume, Vas	4.3 liters
Magnetic flux density	0.84 T	Compliance, Cms	1.21 mm/N
Magnet weight	0.32 kg	Mechanical loss, Rms	0.5 kg/s
Net weight	0.7 kg	Rated power handling*	30 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