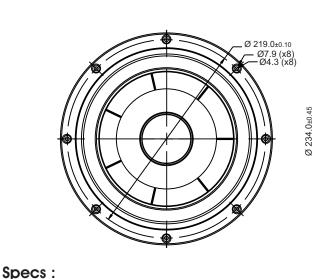
岛ACOUSTICS

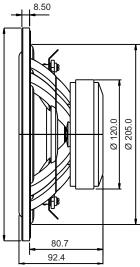
8" SB23CACS45-4

Prototype Data









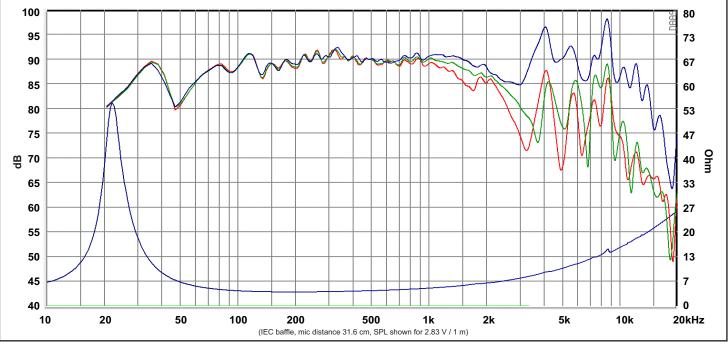
FEATURES

- Soft low damping rubber surround for improved transient response
- Geometrically reinforced ceramic cone for improved break-up control
- Shorting ring in motor system for reduced distortion
- Vented pole piece for reduced compression
- Vented cast aluminium chassis for optimum strength and low compression
- Shallow design
- Non-conducting fibre glass voice coil former for minimum damping
- CCAW voice coil for reduced moving mass
- Long life silver lead wires

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Nominal Impedance	4 Ω
DC resistance, Re	3.3 Ω
Voice coil inductance, Le	0.27 mH
Effective piston area, Sd	216 cm ²
Voice coil diameter	45.5 mm
Voice coil height	19 mm
Air gap height	6 mm
Linear coil travel (p-p)	13 mm
Magnetic flux density	0.86 T
Magnet weight	0.8 kg
Net weight	2.7 kg

Free air resonance, Fs	23 Hz
Sensitivity (2.83 V / 1 m)	90 dB
Mechanical Q-factor, Qms	5.4
Electrical Q-factor, Qes	0.35
Total Q-factor, Qts	0.33
Moving mass incl.air, Mms	32.1 g
Force factor, BI	6.7 Tm
Equivalent volume, Vas	95.2 liters
Compliance, Cms	1.45 mm/N
Mechanical loss, Rms	0.9 kg/s
Rated power handling*	60 W

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



Response Curve :