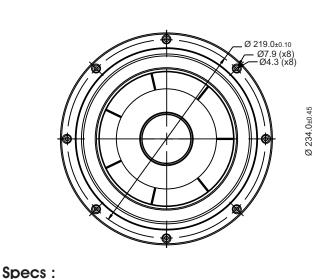
岛ACOUSTICS

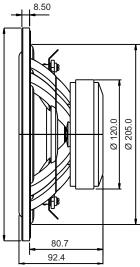
8" SB23CACS45-4

Prototype Data









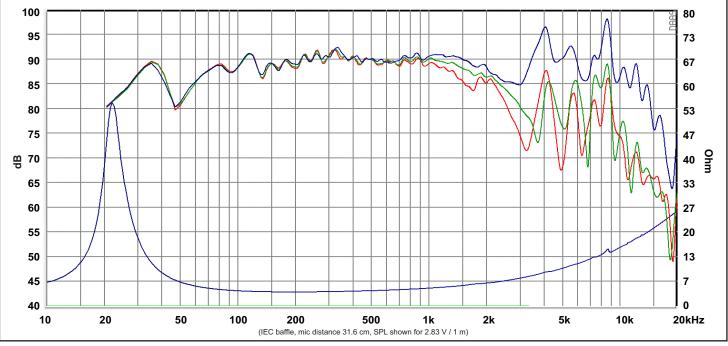
FEATURES

- 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

| • | |
|---------------------------|---------------------|
| 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 :