The Revelator woofers and subwoofers feature very rigid cones in paper or aluminium that operates as a piston over a wide frequency range, it results in very low distortion and a smooth and well-behaved frequency response as well as perfect transient reproduction.

**KEY FEATURES:**
- Optimized for 23W/0-00-02
- Black Anodized Rigid Alu Cone
- Die cast Alu Chassis
- Adjustable Weight for Optimum Freq
- Long Throw Surround

**T-S Parameters**
- Resonance frequency \([f_s]\) 11 Hz
- Mechanical Q factor \([Q_{ms}]\) 11.50
- Electrical Q factor \([Q_{es}]\) 3
- Total Q factor \([Q_{ts}]\)
- Force factor \([Bl]\) 34 Tm
- Mechanical resistance \([R_{rms}]\) 2.29 kg/s
- Moving mass \([M_{ms}]\) 400 g
- Suspension compliance \([C_{ms}]\) 0.57 mm/N
- Effective diaph. diameter \([D]\) 172 mm
- Effective piston area \([S_d]\) 232 cm²
- Equivalent volume \([V_{as}]\) 43.3 l
- Sensitivity (2.83V/1m) 34 dB
- Ratio Bl/√Re
- Ratio fs/Qtz

**Electrical Data**
- Nominal impedance \([Z_n]\) - Ω
- Minimum impedance \([Z_{min}]\) - Ω
- Maximum impedance \([Z_0]\) - Ω
- DC resistance \([R_e]\) - Ω
- Voice coil inductance \([L_e]\) - mH

**Power Handling**
- 100h RMS noise test (IEC 17.1) - W
- Long-term max power (IEC 17.3) - W

**Voice Coil and Magnet Data**
- Voice coil diameter - mm
- Voice coil height - mm
- Voice coil layers -
- Height of gap - mm
- Linear excursion ± - mm
- Max mech. excursion ± 20 mm
- Unit weight 1.2 kg

Notes:
All Scan-Speak products are RoHS compliant.
Data are subject to change without notice.
Datasheet updated: February 24, 2011.
Advanced Parameters (Preliminary)

### Electrical data:
- Resistance [Re']: \(4\Omega\)
- Free inductance [Leb]: \(4mH\)
- Bound inductance [Le]: \(4mH\)
- Semi-inductance [Ke]: \(4SH\)
- Shunt resistance [Rss]: \(4\Omega\)

### Mechanical Data:
- Force Factor [Bl]: \(4Tm\)
- Moving mass [Mms]: 400 g
- Compliance [Cms]: 0.395 mm/N
- Mechanical resistance [Rms]: 1.893 kg/s
- Admittance [Ams]: 0.00994 mm/N