**Revelator**

32 cm Woofer

**T-S Parameters:**
- Resonance frequency \(f_s\): 24 Hz
- Mechanical Q factor \(Q_{ms}\): 4.25
- Electrical Q factor \(Q_{es}\): 0.22
- Total Q factor \(Q_{ts}\): 0.21
- Force factor \(B_l\): 14 Tm
- Mechanical resistance \(R_{ms}\): 3.3 kg/s
- Moving mass \(M_{ms}\): 93 g
- Compliance \(C_{ms}\): 0.47 mm/N
- Effective diaph. diameter \(D\): 260 mm
- Effective piston area \(S_d\): 526 cm²
- Equivalent volume \(V_{as}\): 185 l
- Sensitivity (2,83V/1m): 95 dB

**Mechanical Data:**
- Voice coil diameter: 75 mm
- Voice coil height: 22 mm
- Voice coil layers: 2
- Gap height: 8 mm
- Linear excursion: ± 7 mm
- Max mech. excursion: ± 28 mm
- Unit weight: 9.8 kg
- Cabinet Displacement Volume: 3.22 l

**Electrical Data:**
- Nominal impedance \([Z]\): 4 \(\Omega\)
- Minimum impedance \([Z_{min}]\): 4 \(\Omega\)
- Maximum impedance \([Z_{o}]\): 68 \(\Omega\)
- DC resistance \([R_e]\): 3.1 \(\Omega\)
- Voice coil inductance \([L_e]\): 0.36 mH

**Power Handling:**
- 100h RMS noise test (IEC 18.4): 350 W
- Long-term max power (IEC 18.2): 700 W
- X-over: None

**Key Features:**
- 95 dB Sensitivity @ 2,83V/1m
- Paper sandwich cone
- Coated foam Surround
- Patented Symmetrical Drive motor
- Powerful motor with dual ferrite magnets
- 3" Voice coil, Titanium former and paper reinforced

**Recommendations (please see Tech Note):**
- Operating frequency range: \(f_s=1500\) Hz
- Cabinet volume - closed box: \(V_{box}=22\) ltr, \(f(-3dB)=74\) Hz
- Cabinet volume - vented box: \(V_{box}=29\) ltr, \(f_b=35\) Hz, \(f(-3dB)=57\) Hz

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**Graph:**
- SPL vs. Frequency (Hz)
- On-axis
- 30° off-axis
- 60° off-axis
- Impedance

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