REVELATOR

PASSIVE RADIATOR 23W/0-00-00

The Revelator woofers and subwoofers features 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.

T-S Parameters
- Resonance frequency [fs] 11 Hz
- Mechanical Q factor [Qms] 11.50
- Electrical Q factor [Qes] -
- Total Q factor [Qts] -
- Force factor [Bl] - Tm
- Mechanical resistance [Rms] 2.29 kg/s
- Moving mass [Mms] 400 g
- Suspension compliance [Cms] 0.57 mm/N
- Effective diax. diameter [D] 172 mm
- Effective piston area [Sd] 232 cm²
- Equivalent volume [Vas] 43.3 l
- Sensitivity (2.83V/1m) - dB
- Ratio Bl/√Re - N/√W
- Ratio fs/Qts - Hz

Notes:
- Optimized for 23W/4557T00
- Silver Anodized Rigid Alu Cone
- Die cast Alu Chassis
- Adjustable Weight for Optimum Fes
- Long Throw Surround

Electrical Data
- Nominal impedance [Zn] - Ω
- Minimum impedance [Zmin] - Ω
- Maximum impedance [Zo] - Ω
- DC resistance [Re] - Ω
- Voice coil inductance [Le] - 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

All Scan-Speak products are RoHS compliant.
Data are subject to change without notice.
Advanced Parameters (Preliminary)

Electrical data:
- Resistance [Re'] - Ω
- Free inductance [Leb] - mH
- Bound inductance [Le] - mH
- Semi-inductance [Ke] - SH
- Shunt resistance [Rss] - Ω

Mechanical Data:
- Force Factor [Bl] - Tm
- Moving mass [Mms] - g
- Compliance [Cms] - mm/N
- Mechanical resistance [Rms] - kg/s
- Admittance [Ams] - mm/N