The 3/4" tweeters D2008 and D2010 are among the many highly praised designs in Classic series. They have enjoyed success for more than 35 years. And still among the best tweeters available.

**KEY FEATURES:**
- 3/4" Textile Dome Diaphragm
- Diffraction Damping Foam Front
- Ferro Fluid
- Wide Dispersion
- Dual Rear Chamber

**T-S Parameters**
- Resonance frequency \( [fs] \): 800 Hz
- Mechanical Q factor \([Qms]\): 1.26
- Electrical Q factor \([Qes]\): 1.24
- Total Q factor \([Qts]\): 0.63
- Force factor \([Bl]\): 2.4 Tm
- Mechanical resistance \([Rms]\): 1.00 kg/s
- Moving mass \([Mms]\): 0.25 g
- Suspension compliance \([Cms]\): 0.16 mm/N
- Effective diaph. diameter \([D]\): 22 mm
- Effective piston area \([Sd]\): 3.8 cm²
- Equivalent volume \([Vas]\): 0.01 l
- Sensitivity \((2.83V/1m)\): 88 dB
- Ratio \(Bl/v/Re\): 1.01 N/V/W
- Ratio \(fs/Qts\): 1280 Hz

**Notes:**
IEC specs, refer to IEC 60268-5 third edition. All Scan-Speak products are RoHS compliant. Data are subject to change without notice. Datasheet updated: February 22, 2011.

**Electrical Data**
- Nominal impedance \([Zn]\): 8 Ω
- Minimum impedance \([Zmin]\): 6.4 Ω
- Maximum impedance \([Zo]\): 11.5 Ω
- DC resistance \([Re]\): 5.7 Ω
- Voice coil inductance \([Le]\): 0.08 mH

**Power Handling**
- 100h RMS noise test (IEC 17.1)*: 90 W
- Long-term max power (IEC 17.3)*: 150 W
*Filter: 2. order HP Butterworth, 4 kHz

**Voice Coil and Magnet Data**
- Voice coil diameter: 19 mm
- Voice coil height: 3.1 mm
- Voice coil layers: 2
- Height of gap: 2 mm
- Linear excursion: ± 0.7 mm
- Max mech. excursion: ± 1.2 mm
- Unit weight: 0.4 kg
Advanced Parameters (Preliminary)

**Electrical data:**
- Resistance \([R_e']\) - \(\Omega\)
- Free inductance \([L_{eb}]\) - \(mH\)
- Bound inductance \([L_e]\) - \(mH\)
- Semi-inductance \([K_e]\) - \(SH\)
- Shunt resistance \([R_{ss}]\) - \(\Omega\)

**Mechanical Data**
- Force Factor \([B_l]\) - \(Tm\)
- Moving mass \([M_{ms}]\) - \(g\)
- Compliance \([C_{ms}]\) - \(mm/N\)
- Mechanical resistance \([R_{ms}]\) - \(kg/s\)
- Admittance \([A_{ms}]\) - \(mm/N\)