The Discovery series offer traditional design, superior sound, a solid construction, and a wide range of variants. Combining these elements - plus a wealth of technical features and finesses - it gives our customers the possibility of acquiring a tailor-made Scan-Speak solution with very good performance at a reasonable low price point!

**KEY FEATURES:**
- High sensitivity - 92dB
- Low Resonance Frequency - 630Hz
- Wide Dispersion
- Extended Frequency to Above 30KHz
- Low Distortion
- Textile Diaphragm, Wide Surround

**T-S Parameters**
- Resonance frequency [fs]: 630 Hz
- Mechanical Q factor [Qms]: 3.46
- Electrical Q factor [Qes]: 1.02
- Total Q factor [Qts]: 0.79
- Force factor [Bl]: 2.2 Tm
- Mechanical resistance [Rms]: 0.48 kg/s
- Moving mass [Mms]: 0.42 g
- Suspension compliance [Cms]: 0.15 mm/N
- Effective diaph. diameter [D]: 32 mm
- Effective piston area [Sd]: 8 cm²
- Equivalent volume [Vas]: 0.01 l
- Sensitivity (2.83V/1m): 92.1 dB
- Ratio Bl/√Re: 1.31 N/√W
- Ratio fs/Qts: 800 Hz

**Electrical Data**
- Nominal impedance [Zn]: 4 Ω
- Minimum impedance [Zmin]: 3.7 Ω
- Maximum impedance [Zo]: 12.3 Ω
- DC resistance [Re]: 2.8 Ω
- Voice coil inductance [Le]: 0.04 mH

**Power Handling**
- 100h RMS noise test (IEC 17.1)*: 100 W
- Long-term max power (IEC 17.3)*: - W
  *Filter: 2. order HP Butterworth, 2.5 kHz

**Voice Coil and Magnet Data**
- Voice coil diameter: 26 mm
- Voice coil height: 2 mm
- Voice coil layers: 2
- Height of gap: 2.5 mm
- Linear excursion: ± 0.3 mm
- Max mech. excursion: ± 1.6 mm
- Unit weight: 0.5 kg

Notes:
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