The Classic tweeters are among the many highly praised designs in Classic series. They have enjoyed success over 3 decades. And still among the best tweeters available. The D2905/9000 tweeter kick-started a new era with a line of very high quality 1” tweeters, today known as -9300, -9500, -9700 and -9800. Despite their many years on the marked still used in many top High-End speakers around the world.

KEY FEATURES:
- 1” Textile Dome Diaphragm
- Low Resonance Rear Chamber
- Ferro Fluid
- Black Painted Alu Face Plate

**T-S Parameters**
- Resonance frequency [fs] 650 Hz
- Mechanical Q factor [Qms] 0.94
- Electrical Q factor [Qes] 0.72
- Total Q factor [Qts] 0.41
- Force factor [Bl] 3.5 Tm
- Mechanical resistance [Rms] 1.96 kg/s
- Moving mass [Mms] 0.45 g
- Suspension compliance [Cms] 0.13 mm/N
- Effective diaph. diameter [D] 33 mm
- Effective piston area [Sd] 8.5 cm²
- Equivalent volume [Vas] 0.01 l
- Sensitivity (2.83V/1m) 90 dB
- Ratio Bl/√Re 1.61 N/V√W
- Ratio fs/Qts 1598 Hz

**Electrical Data**
- Nominal impedance [Zn] 6 Ω
- Minimum impedance [Zmin] 5.4 Ω
- Maximum impedance [Zo] 10.9 Ω
- DC resistance [Re] 4.7 Ω
- Voice coil inductance [Le] 0.07 mH

**Power Handling**
- 100h RMS noise test (IEC 17.1)* 150 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 28 mm
- Voice coil height 3.3 mm
- Voice coil layers 2
- Height of gap 2.5 mm
- Linear excursion ± 0.4 mm
- Max mech. excursion ± 1.5 mm
- Unit weight 0.7 kg
Advanced Parameters (Preliminary)

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

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