A 10" woofer with extra heavy magnet and Peerless' "Sandwich" cone. The SDX in the descriptive code indicates that it has a thick and well-damped 5 layer diaphragm construction.

The data makes it versatile for closed boxes as well as reflex boxes with an extended bass response dependent on the box volume. With tunings of 23 Hz it keeps level down to 30 Hz in a box of 150 ltrs.

A remarkable characteristic is the very robust extra thick iron plate basket with a nice structure lacking.

**Thiele Small parameters:**

- Nominal impedance: Zn (Ω)
- Minimum impedance at freq.: Zmin (Ω/Hz)
- Maximum impedance: Zmax (Ω)
- DC resistance: Re (Ω)
- Voice coil inductance: Le (mH)
- Capacitor in series with Qo & Cs (μF) (for impedance compensation)

**Free air**

- Resonance Frequency: f0 (Hz)
- Mechanical Q factor: Qms
- Electrical Q factor: Qes
- Total Q factor: Qts
- F (Ratio of f0/Qts)

**Rms (Kg/s)**

- Mechanical resistance: Rms (Kg/s)
- Moving mass: Mass (g)
- Suspension compliance: Cms (mm/N)
- Effective cone diameter: D (mm)
- Effective piston area: Sa (mm²)
- Equivalent volume: Ves (l/Hz)
- Fora factor: Bi (N/A)

**Reference voltage sensitivity (dB)**

- Re 2.83V 1m at 143 Hz (Calculated)

**257 WR 39 115 SDX 8Ω**

**Magnet and voice coil parameters:**

- Voice coil diameter: d (mm)
- Voice coil length: h (mm)
- Voice coil layers: n
- Flux density in gap: B (T)
- Total useful flux (Wb)
- Height of gap: h (mm)
- Diameter of magnet: dm (mm)
- Height of magnet: hm (mm)
- Weight of magnet: W (kg)

**Max linear SPL**

- 110 dB
- 100 dB
- 90 dB
- 80 dB
- 70 dB
- 60 dB
- 50 Hz
- 100 Hz
- 1 kHz
- 2 kHz
- 5 kHz
- 10 kHz
- 20 kHz

**Frequency Response**

- 0 Hz
- 20 Hz
- 50 Hz
- 100 Hz
- 500 Hz
- 2000 Hz
- 10 kHz
- 20 kHz