Vented Box

**SPL at 60 W power input**

- SPL produced by driver
- SPL produced by port
- SPL produced by leaks
- SPL produced by driver at 0.7 mm peak excursion

**SPLtot at 60 W power input**

- SPL produced by driver
- SPL produced by port
- SPL produced by leaks
- SPL produced by driver at 0.7 mm peak excursion

**Peak Cone Excursion**

- Dayton RS225 8"
- Vented Box, Vb = 40 l

- F3 = 0.33 Hz
- Fb = 0.30 Hz
- Response peak = 0 dB
- Qa = 20
- Ql = 15
- Qp = 140

- Max linear peak cone excursion = 0.7 mm

**Port Air Speed**

- Dayton RS225 8"
- Vented Box, Vb = 40 l

- F3 = 0.33 Hz
- Fb = 0.30 Hz
- Response peak = 0 dB
- Qa = 20
- Ql = 15
- Qp = 140

- 0.8% of sound speed = 26 m/s
- 0.5% of sound speed = 17 m/s

**Speaker Impedance**

- Dayton RS225 8"
- Vented Box, Vb = 40 l

- F3 = 0.33 Hz
- Fb = 0.30 Hz
- Response peak = 0 dB
- Qa = 20
- Ql = 15
- Qp = 140

**Step Response**

- Dayton RS225 8"
- Vented Box, Vb = 40 l

- F3 = 0.33 Hz
- Fb = 0.30 Hz
- Response peak = 0 dB
- Qa = 20
- Ql = 15
- Qp = 140
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