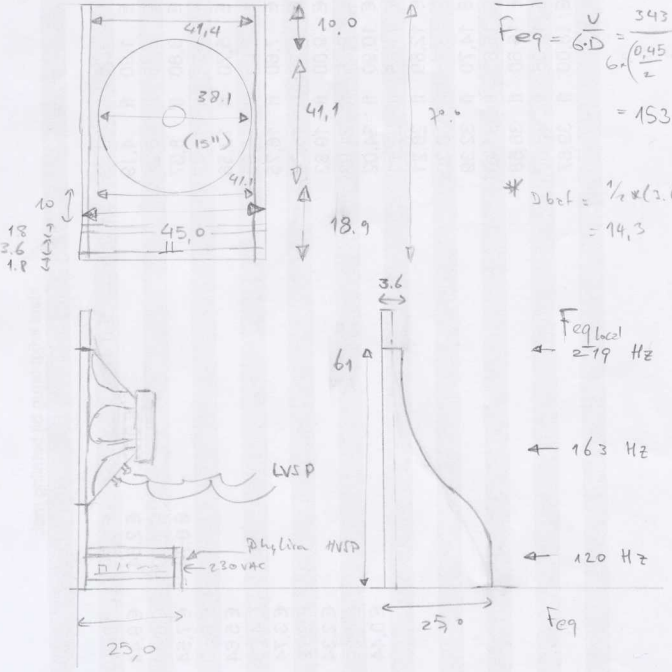
Chiron II - LF



$$F_{eq} = \frac{V}{6 \cdot D} = \frac{343}{6 \cdot \left(\frac{0,45}{2} + \frac{14,3}{100}\right)} = 153 \text{ Hz}$$

* $D_{bcl} = \frac{1}{2} \cdot (2,6 + 25) = 14,3$

Hout

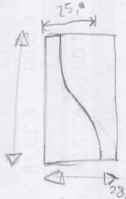
2 x 45 x 70

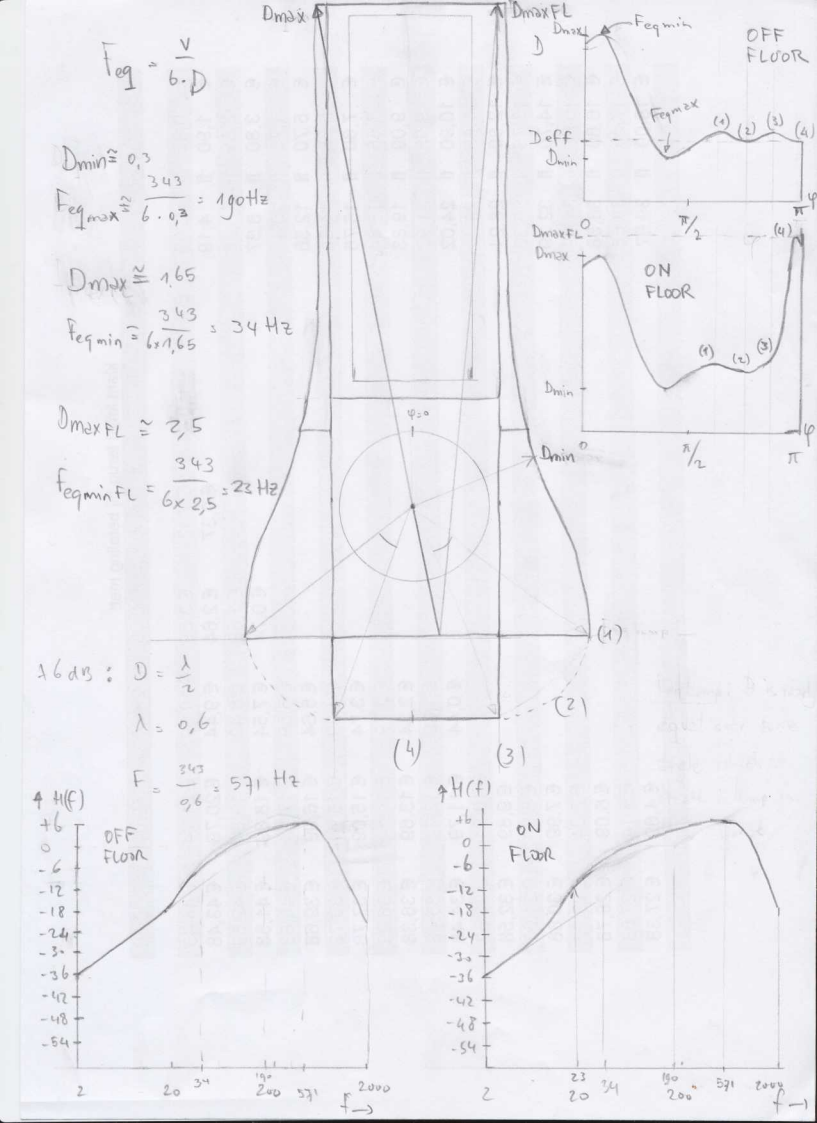
4 x 41,4 x 21,40

2 x 41,4 x 18,9

4 x 61 x 25 ⟶ kan uit 2x 61 x 28,6

2 x 21,4 x 3,6




$f_{eq} = \frac{V}{6 \cdot D}$
$D_{min} \cong 0{,}3$
$f_{eq\,max} \cong \frac{343}{6 \cdot 0{,}3} = 190\,Hz$
$D_{max} \cong 1{,}65$
$f_{eq\,min} \cong \frac{343}{6 \times 1{,}65} = 34\,Hz$
$D_{max\,FL} \cong 2{,}5$
$f_{eq\,min\,FL} = \frac{343}{6 \times 2{,}5} = 23\,Hz$
D_{max}
$D_{max\,FL}$
D_{min}
$\varphi = 0$
(1)
(2)
(3)
(4)
16 dB : $D = \frac{\lambda}{2}$
$\lambda = 0{,}6$
$F = \frac{343}{0{,}6} = 571\,Hz$
D
$f_{eq\,min}$
OFF FLOOR
D_{max}
$f_{eq\,max}$
D_{off}
D_{min}
$\pi/2$
π
φ
ON FLOOR
4 H(f)
+6
0
-6
-12
-18
-24
-30
-36
-42
-48
-54
OFF FLOOR
2
20
34
190
571
2000
f
ON FLOOR
23