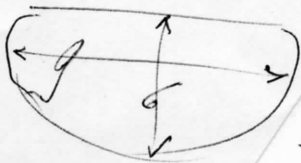


Niveau = 3cm du tube

Section



section
 $\pm 110 \text{ cm}^2$
 $\frac{\quad}{2} = 55 \text{ cm}^2$

ϕ du tube

Extérieur 14

Epaisseur 2x1

ϕ int. 12

Section $\pm 11 \text{ mm}^2$

Dr. sc. techn. Michael Stettler

Ortshl

Steffisburg-Dorf BE

idem à la division 1/

exter 9.5

Epaiss. 2x1

Rapport 1/50

circumfer. max $\pm 5 \text{ cm}$

haute vase 1 ~~mm~~

Volume au-dessus de l'eau haut 13cm

$$\frac{1}{3} \pi h^3 = 5.5 \times 13 / 3 = 240 \text{ cm}^3 / 1 \text{ mm} \times 55 = 5.5 \text{ cm}^3$$

$1000 / 5.5 = 0.255$
 2.3% / Or 5cm d'eau = ~~2.3%~~